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## DEPARTMENT OF DOCKS.

### Supplementary Report for the Eight Months Ending December 31, 1897.

DEPARTMENT OF DOCKS,  
PIER "A," BATTERY PLACE, NORTH RIVER,  
NEW YORK, December 31, 1897.

To the Honorable WM. 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 a Supplementary Report for the eight months ending December 31, 1897, as disclosed by the records of this Department, containing: 1. The names, occupation and compensation of all persons appointed and employed by the Department. 2. 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. 3. 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 loans made by said Department, for what term, at what rent, to whom and for what property.

Very respectfully,

EDWARD C. O'BRIEN,  
EDWIN EINHORN,  
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).	Hotel Renaissance.....	\$5,000 00
EDWIN EINHORN.....	" (Treasurer).	Buckingham Hotel.....	5,000 00
JOHN MONKS.....	"	139 West 124th street.....	5,000 00
Geo. S. Terry.....	Secretary.....	142 West 91st street.....	4,800 00
Charles J. Farley.....	Assistant Secretary.....	128 East 63d street.....	3,000 00
John M. Phelan.....	Chief Clerk.....	451 East 110th street.....	3,000 00
James Weir.....	Appointment Clerk.....	Staten Island.....	2,400 00
Robert F. Aram.....	".....	513 West 138th street.....	1,500 00
Chas. F. Friedman.....	Clerk to the Treasurer.....	36 East 73d street.....	2,400 00
Louis S. Kellogg.....	Clerk.....	110 West 35th street.....	2,000 00
Edwin A. Gregory, Jr.....	".....	386 Manhattan avenue.....	1,800 00
Daniel D. Barry.....	".....	329 West 152d street.....	1,500 00
John Colleton.....	Junior Clerk.....	204 East 50th street.....	600 00
James P. Conway.....	Private Secretary to President.....	148 East 58th street.....	1,500 00
Francis J. Ryan.....	Stenographer and Typewriter.....	269 West 10th street.....	1,500 00
Richard B. Ross.....	Stenographer and Typewriter.....	3 West 135th street.....	1,200 00
Joseph F. Cadley.....	Stenographer and Typewriter.....	28 Third avenue, Brooklyn.....	900 00
Robert Gere.....	Collector.....	102 West 54th street.....	1,800 00
Edward S. Atwood.....	Dock Superintendent.....	260 West 34th street.....	3,000 00
Charles A. Manly.....	Assistant Dock Superintendent.....	Brooklyn.....	2,000 00
Thomas Brady.....	Dock Master.....	263 Henry street.....	1,500 00
Edward Abeel.....	".....	United States Hotel.....	1,500 00
James J. Fleming.....	".....	64 East 12th street.....	1,500 00
William J. Matthews.....	".....	674 Ninth avenue.....	1,500 00
Thomas Booth.....	".....	Vanderbilt Hotel.....	1,500 00
L. H. Harrison.....	".....	198 Hudson street.....	1,500 00
Thomas P. Walsh.....	".....	37 City Hall place.....	1,500 00
Gerard Bancker.....	".....	350 West 23d street.....	1,500 00
John Clark.....	".....	200 West 69th street.....	1,500 00
William H. Burns.....	".....	681 Lexington avenue.....	1,500 00
W. H. Rockwell.....	".....	330 Amsterdam avenue.....	1,500 00
Thomas Lusk.....	".....	303 East 86th street.....	1,500 00
Martin Mauer.....	".....	672 Sixth avenue.....	1,500 00
Rufus Darrow, Jr.....	".....	308 West 91st street.....	1,500 00
Thomas Geary.....	".....	162 Hester street.....	1,500 00
William J. Fay.....	Messenger.....	130 Edgecombe avenue.....	Per mo., 100 00
Bernard P. Gibney.....	".....	639 East 138th street.....	" 75 00
James R. Misk.....	".....	89 South 4th street, Brook-lyne.....	" 75 00
Thomas C. Carroll.....	".....	158 East 48th street.....	" 75 00
Max Drucker.....	".....	Van Courtlandt, N. Y. C.....	" 75 00

#### Construction, Repairs and Cleaning.

NAME.	POSITION.	RESIDENCE.	SALARY.
G. S. Greene, Jr.....	Engineer-in-Chief.....	24 West 42d street.....	\$6,000 00
William H. Burr.....	Board of Consulting Engineers.....	161 West 74th street.....	\$25 per day each while employed.
George S. Morison.....	Board of Consulting Engineers.....	35 Wall street.....	
William P. Craighill.....	Board of Consulting Engineers.....	Washington, D. C.....	

NAME.	POSITION.	RESIDENCE.	SALARY.
A. McC. Parker.....	First Assistant Engineer.....	33 West 110th street.....	\$4,500 00
Godfrey P. Farley.....	Assistant Engineer.....	128 West 50th street.....	3,000 00
S. W. Haug, Jr.....	".....	1718 Madison avenue.....	3,000 00
Allan N. Spooner.....	".....	Jersey City, N. J.....	2,400 00
William S. White.....	".....	Brooklyn, N. Y.....	2,400 00
Joseph W. Balet.....	".....	307 East 14th street.....	1,800 00
Harvey Farrington.....	".....	Croton-on-Hudson.....	1,800 00
John M. Stewart.....	".....	358 West 58th street.....	1,800 00
J. Garrett Basinger.....	".....	215 West 29th street.....	1,500 00
George A. Button.....	".....	42 West 64th street.....	1,500 00
Harry C. DeLano.....	".....	29 West 104th street.....	1,500 00
Charles W. Stamford.....	Surveyor.....	Brooklyn, N. Y.....	3,000 00
John T. Hilton.....	Transitman.....	247 West 25th street.....	1,800 00
J. Frank Johnson.....	".....	Brooklyn, N. Y.....	1,500 00
William H. Cherry.....	Leveler.....	59 Gouverneur street.....	1,200 00
William J. Crowley.....	".....	341 Brook avenue.....	1,200 00
William McDonald.....	".....	Staten Island.....	1,200 00
Wm. Lansing, Jr.....	Computer.....	35 West Nineteenth street.....	1,500 00
George W. Tuttle.....	".....	473 East 176th street.....	1,200 00
Hiram C. Calkins.....	Hydrographer.....	Fordham, N. Y.....	1,500 00
James J. White.....	".....	242 Monroe street.....	1,500 00
Patrick F. Crowley.....	".....	2266 Eighth avenue.....	1,200 00
John T. L. Doughty.....	".....	Kingsbridge, N. Y.....	1,200 00
William Bard Johnstone.....	".....	140 East 27th st.....	1,200 00
Samuel C. Brown.....	Mechanical Engineering Draughtsman.....	42 East 57th street.....	1,200 00
John P. Nordstrom.....	Mechanical Engineering Draughtsman.....	Bedford Park, N. Y.....	1,200 00
Benjamin S. Weaver.....	Topographical Draughtsman.....	Staten Island.....	1,800 00
Joel J. Pemoff.....	Topographical Draughtsman.....	1670 Lexington avenue.....	1,200 00
William C. Crosby.....	Topographical Draughtsman.....	Baychester, N. Y.....	900 00
Robert McKel.....	Draughtsman.....	Sewark, N. J.....	1,800 00
John A. Duntze.....	".....	113 West 90th street.....	1,800 00
William G. Johnson.....	".....	Brooklyn, N. Y.....	1,200 00
Nicholas J. Van der Weyde.....	".....	175 West 83d st.....	1,200 00
Alexander M. Gage.....	".....	92d Madison avenue.....	1,000 00
Ernest H. West.....	".....	112 West 38th street.....	900 00
Peter Taylor.....	Lumber Inspector.....	75 West 88th street.....	2,000 00
Edward Gottschall.....	Searcher of Water Grants.....	185 West 116th street.....	2,700 00
Edward E. McCarmy.....	Superintendent of Repairs.....	1414 Fourth avenue.....	2,000 00
Joseph Canning.....	Foreman Ship Carpenter.....	255 West 126th street.....	1,800 00
John J. Herrick.....	Superintendent of Machinery.....	105 West 129th street.....	2,000 00
Robert H. Sterritt.....	Foreman, West Fifty-seventh Street Yard.....	Williamsbridge.....	1,500 00
George W. Carpenter.....	Inspector of Dredging.....	Astoria, N. Y.....	1,200 00
George A. Dearborn.....	".....	885 St. Nicholas avenue.....	1,200 00
Thomas H. Spooner.....	".....	2220 Second avenue.....	1,200 00
James E. Thornlike.....	Property Clerk.....	46 Fourth avenue.....	1,200 00
Henry C. Freeman.....	Clerk to Engineer-in-Chief.....	1362 Bergen street, Brook-lyne, N. Y.....	2,400 00
Lucius C. Higgins.....	Clerk.....	Bayonne, N. J.....	1,800 00
Bernhard Soomer.....	".....	422 East Fifthth street.....	1,800 00
Charles J. Collins.....	".....	333 East Twenty-third street.....	1,500 00
Thomas B. Boone.....	".....	Brooklyn, N. Y.....	1,200 00
Frank M. Hale.....	".....	19 West Thirti-ninth street.....	1,200 00
John W. Ingalls.....	".....	400 West Fifty-third street.....	1,200 00
David H. Lane.....	".....	Williamsbridge.....	1,200 00
Norman W. Palmer.....	".....	201 West One Hundred and Second street.....	1,500 00
Arthur Cason.....	".....	159 East Thirty-sixth street.....	1,000 00
Thomas P. T. Nash.....	Copyist from Manuscript.....	147 East Thirty-third street.....	1,200 00
Patrick H. Bird.....	Stenographer and Typewriter.....	162 Ninth avenue.....	1,200 00
John T. Guy.....	Stenographer and Typewriter.....	335 East Eighteenth street.....	1,200 00
William E. Bailey.....	Stenographer and Typewriter.....	1045 Fifth avenue.....	1,200 00
Bernard V. Levey.....	Stenographer and Typewriter.....	167 West Tenth street.....	1,200 00
Thomas S. Callender, Jr.....	Stenographer and Typewriter.....	207 East Fifty-seventh street.....	900 00
Thomas J. Macvey.....	Stenographer and Typewriter.....	Brooklyn.....	1,200 00
Frederick Lange.....	Stationery Custodian and Messenger.....	253 Marion street, Brooklyn.....	1,500 00
Effingham V. Smith.....	Timekeeper.....	57 West Seventeenth street.....	1,500 00
John J. Boyle.....	Carpenter.....	112 East Eighty-third street.....	1,200 00
Louis T. Brennan.....	Roundsmen.....	328 Robbins avenue.....	900 00
Patrick Donnelly.....	Watchman and Messenger.....	586 Broome street.....	1,000 00
Jacob Bauer.....	Janitor.....	160 East Broadway.....	1,200 00
Mary Dawling.....	Cleaner.....	58 Gansevoort street.....	Per mo., 45 00
Catherine Lynn.....	".....	40 Cliff street.....	" 45 00
Theodore P. Allag.....	Blacksmith.....	608 East 14th street.....	Per hour, 40
Charles McLenn.....	".....	207 West 60th street.....	" 35
Lawrence F. Maxwell.....	".....	414 Concord avenue.....	" 35
John Roman.....	".....	504 East 88th street.....	" 35
Patrick Drummond.....	".....	448 West 53d street.....	" 35
William F. Brown.....	".....	558 West 51st street.....	" 35
James Gannon.....	Blacksmith's Helper.....	276 Avenue B.....	" 25
Richard Cullen.....	Boat Builder.....	511 East 83d street.....	" 30
John Carey.....	Boatman.....	81 Ninth avenue.....	Per wk., 15 00
William A. Danes.....	".....	114 East 123d street.....	" 15 00
John J. Fitzpatrick.....	".....	171 Cherry street.....	" 15 00
Thomas King.....	".....	793 Third avenue.....	" 15 00
John Moran.....	".....	16 Jackson street.....	" 15 00
Daniel Sullivan.....	".....	39 Marion street.....	" 15 00
Thomas J. Sullivan.....	".....	277 Hudson street.....	" 15 00
James Golden.....	".....	310 East 39th street.....	" 15 00
John A. Benham.....	Chainman.....	2193 Seventh avenue.....	" 15 00
Thomas J. Crumlin.....	".....	341 East 55th street.....	" 18 00
James C. Darby.....	".....	53 Cannon street.....	" 18 00
Stephen A. D. Denton.....	".....	696 Washington street.....	" 18 00
James W. Dikeman, Jr.....	".....	117 East 14th street.....	" 21 00
Isaac J. McKinley.....	".....	Mount Vernon, N. Y.....	" 15 00
William H. Reilly.....	".....	529 East 22d street.....	" 18 00
Charles W. Thompson.....	".....	819 East 5th street.....	" 21 00
Perry Thompson.....	".....	120 West 13th street.....	" 21 00
John O. Van Brakle.....	".....	252 West 133d st.....	" 18 00
Nicholas H. Voorhees.....	".....	410 West 28th street.....	" 15 00
John F. Walsh.....	".....	885 Greenwich street.....	" 18 00



NAME.	POSITION.	RESIDENCE.	SALARY.	NAME.	POSITION.	RESIDENCE.	SALARY.
Thomas D. Stuyvesant	Captain 100 ton derrick	154 St. Ann's avenue	Per wk. \$50 00	William J. F. Sullivan	Sounder	701 East 130th street	Per wk. \$18 00
William Lavey	Captain of Pile Driver	224 Pleasant avenue	Per hour, 45	Isaac Weed	"	699 Lexington avenue	" 15 00
Samuel Heams	Deck hand	557 West 57th street	Per hour, 50 00	Gotthelb Lang	"	645 East 13th street	" 15 00
John H. Ames	"	543 West 54th street	" 50 00	John Denby	Stonecutter and Mason	39 Montgomery street	Per hour, 50
Garrett Benson	"	442 West 20th street	" 50 00	Joseph F. Dunn	"	332 East 30th street	" 50
Peter Gilligan	Diver	173 East 117th street	"	James Handy	"	Kirk place and Ryder avenue	" 50
Frank Paul	"	550 East 143d street	"	Robert L. Humphreys	"	238 West 124th street	" 50
Robert G. Russell	"	444 East 61st street	Per day, \$ 00	Owen McCabe	"	302 East 30th street	" 50
David Tullock	"	480 Monroe street, Brooklyn	Per hour, 1 00	John A. Ryan	"	863 Park avenue	" 50
John Bunkley	"	75 South street	"	Edward D. Saunders	"	217 West Houston street	" 50
William J. Hoar	"	213 East 80th street	"	Patrick Byrne	"	17 East 118th street	" 50
Patrick Griffin	Diver's Tender	508 West 24th street	" 35	Andrew Foster	"	309 East 46th street	" 50
John R. Leary	"	445 Canal street	" 35	John Carroll	"	217 West Houston street	" 50
John C. Wood	Engineer	101 West 60th street	Per hour, 125 00	John Baldwin	"	27 Cannon street	" 50
John Golden	Pilot	310 East 54th street	" 125 00	Michael McCourt	"	537 Ninth avenue	" 50
Joseph Fletcher	"	468 West 58th street	" 100 00	Thomas Davis	"	209 East 110th street	" 50
John Canavan	Engineer	77 West 40th street, Brooklyn	Per hour, 30	Edmund K. Stephens	Watchman	516 East 121st street	Per wk. 17 50
John O'Connell	"	454 West 55th street	" 30	John Gannon	"	682 Tenth avenue	Per hour, 16 50
William H. Rose	"	278 West 128th street	" 30	Montford Clements	"	452 West 41st street	" 16 50
Montreville M. Smith	"	181 Halcyon street, Brooklyn	" 30	William Snowbridge	"	55 Horatio street	" 16 50
James Harris	"	427 Greenwich street	" 35	William Murray	"	341 East 22d street	" 16 50
John R. Grant, Jr.	"	442 West 45th street	" 35	Henry Manheimer	"	80 East 7th street	" 16 50
Robert Kyles	"	426 Amsterdam avenue	" 45	Thomas F. Cregan	Messenger	45 West 117th street	Per wk. 17 50
Isaac B. Hasen	"	108 West 116th street	" 35	Thomas Alcorn	"	36 Gouverneur street	" 20 00
William J. Brennan	"	71 Bedford street	" 35	John Bergin	"	75 Broome street	" 17 50
Thomas F. Byrnes	"	346 East 17th street	" 35				
Dennis F. Eagan	"	71 West 101st street	" 35				
John J. Cavan	"	165 East 64th street	" 35				
Tromson Kerr	"	4 East 113th street	" 35				
George F. Laoco	"	253 Marion street, Brooklyn	" 35				
Alfred J. Mayer	"	69 East 105th street	" 35				
Stephen J. Smith	"	2 West 134th street	" 35				
Thomas J. Joyce	"	308 West 27th street	" 35				
William P. Baker	"	730 Eighth avenue	" 35				
William T. Hall	"	301 West 147th street	" 35				
James Hennessey	"	965 Park avenue	" 35				
George A. Sheridan	"	313 East 37th street	" 35				
James Vandergift	Pitman	53 Ganssweert street	Per wk. 15 00				
Henry Head	"	477 West 57th street	Per hour, 60 00				
Peter Winn	"	434 West 56th street	" 00 00				
Frank Coughlin	Foreman of Dockbuilders	500 West 58th street	Per hour, 35				
Patrick Geoghegan	"	513 East 10th street	" 40				
Patrick H. Murray	"	439 West 25th street	" 40				
Daniel Parby	"	403 West 49th street	" 40				
Martin Nibler	"	545 Pleasant avenue	" 50				
Benjamin Burns	"	103 Amsterdam avenue	" 40				
Henry McEwan	"	117 East 27th street	" 40				
Edward T. Dulols	Foreman, East Twenty-ninth Street Yard	176 East 81st street	" 40				
James Bagley	Foreman, Laborers	200 East 20th street	" 35				
Edwin A. Gregory, Sr.	"	388 Manhattan avenue	Per wk. 18 00				
John McSorley	"	144 Tenth avenue	Per hour, 35				
Charles F. Moore	"	317 West 58th street	" 35				
John S. Markham	"	174 Union street	" 35				
Patrick White	Foreman, Piling and Wood Work	304 East 37th street	" 30				
Iver Peterson	Foreman of Scaffolding	132 Fifty-seventh street, Brooklyn	Per wk. 20 00				
John H. Rogers	Inspector of Pier Building	194 Bayley street	Per hour, 50				
Montimer W. Capen	"	160 South 6th street, Brooklyn	" 50				
John Rogers	"	125 East 53d street	" 50				
William White	"	4 Charlton street	" 50				
James Allen	Machine	1000 Park, N. Y.	" 35				
John Ewing	"	347 East 90th street	" 35				
Stephen Mallon	Mason's Helper	244 Columbus avenue	" 37 1/2				
Samuel Fitzpatrick	Office keeper and Messenger	126 West 110th street	Per wk. 15 00				
Pompey L. Andros	Recreation Pier Attendant	355 West 50th street	Per hour, 75 00				
Frederick W. Bach	"	352 West 51st street	" 75 00				
William J. Carroll	"	324 East 50th street	" 75 00				
John W. Crump	"	70 West 55th street	" 75 00				
John Gold Osgood	"	136 East 47th street	" 75 00				
Elizabeth A. O'Rourke	"	347 East 122d street	" 50 00				
Ellen Kim	"	126 East 56th street	" 50 00				
Abbie M. Vincent	"	231 Willis avenue	" 50 00				
Sarah Shiele	"	237 East 58th street	" 50 00				
Mary Clardy	"	112 East 102d street	" 50 00				
Bridget Warren	"	213 East 11th street	" 50 00				
Mary A. Devlin	"	427 East 77th street	" 50 00				
Elizabeth Nolan	"	212 West 42d street	" 50 00				
Kitty Trimble	"	417 West 45th street	" 50 00				
Chas. Mack	Recreation Pier Cleaner	115 East 125th street	" 50 00				
James Hughes	"	102 Washington street	" 50 00				
John Lyons	"	414 Pearl street	" 50 00				
Richard Pettit	"	304 West 128th street	" 50 00				
George Enocott	"	502 Grand street	" 50 00				
Elizabeth Smith	"	159 East 99th street	" 45 00				
Mary Brady	"	54 New Chambers street	" 45 00				
Mrs. Mary Bolton	"	24 Madison street	" 45 00				
Joseph Devlin	Rigger	427 East 77th street	Per wk. 15 00				
William Witte	"	340 West 39th street	" 15 00				
John McCarthy	"	220 Monroe street	" 15 00				
Henry Wenzel	Saw Filer	130 Columbia street	Per hour, 35				
Edward Kyles	"	424 West 49th street	" 35				
Edward J. Flynn	"	72 West 98th street	" 35				
Jeremiah Collins	Scowman	300 East 50th street	Per wk. 15 00				
Charles E. Beck	"	448 Broadway, Brooklyn	" 15 00				
James Van Houten	"	349 West 49th street	" 15 00				
Philip Stark	"	135 West 128th street	" 15 00				
Ole Olsen	"	747 Tenth avenue	" 15 00				
Patrick Barrett	Ship Carpenter	179 Varick street	Per hour, 39				
Jeremiah Crowley	"	1291 Columbus avenue	" 39				
Hugh Daly	"	604 East 14th street	" 39				
John H. Kelly	"	135 West 128th street	" 39				
Joseph Kyle	"	209 West 137th street	" 39				
Thomas Roberts	"	25 East 135th street	" 39				
John Williams	"	130 West 101st street	" 39				
John R. Grant	"	491 West 44th street	" 39				
Daniel McLaughlin	"	63 Avenue D	" 39				
Bartholomew Donohue	"	147 East 108th street	" 39				
Charles Eagle	"	612 West 51st street	" 39				
James F. Ruggles	"	410 East 81st street	" 39				
Peter Lange	"	103 West 60th street	" 39				
Cornelius O'Connor	"	406 West 58th street	" 39				
Louis Eberline	"	437 West 50th street	" 39				
James Casey	Ship Caulker	813 Fifth street	" 39				
Henry W. Gilbert	"	313 West 44th street	" 39				
William Harrigan	"	Whitestone, L. I.	" 39				
Justin McNamara	"	5 Willet street	" 39				
William J. Ruggles	"	331 East 88th street	" 39				
Lawrence J. Welsh	"	434 East 80th street	" 39				
William J. Carman	Sounder	2153 Third avenue	Per wk. 15 00				
Joseph D. Clark	"	1906 Seventh avenue	" 15 00				
Jacob Miller	"	376 Front street	" 15 00				

Dock Builders, 30 Cents per Hour.

Laborers (23 Cents per Hour, except as otherwise stated).



Haggerty, John, \$17.30 per week.	McElroy, Thomas.	Nulty, Patrick, \$20 per week.	Sculley, Patrick.	Schmitt, Christopher.	Thompson, James L.
Harrington, Freeman F., \$17.30 per week.	McLaughlin, Thomas.	Nugent, James.	Schneiderman, Frederick.	Stoeckel, Alexander.	Talbot, James.
Hughes, Thomas J.	McLean, Martin.	O'Connor, Bartholomew.	Shaw, Peter.	Smith, James.	Tracy, Henry.
Hank, John.	McBride, John.	O'Brien, James E.	Sullivan, Dennis.	Seligman, Simon.	Walsh, James.
Huffman, Ferdinand.	McCann, James.	O'Brien, John, No. 1.	Shaughan, Michael.	Smith, Henry.	Wall, Charles H.
James, John.	McDonald, James.	O'Brien, John, No. 2, \$75 per month.	Shaw, Michael.	Simpson, Frank J.	White, James A.
Kennedy, James.	McNulty, Patrick.	O'Hynes, Michael.	Shaffer, George W.	Thomas, Henry.	Waters, Louis.
Kettle, Owen.	McKenna, John.	O'Grady, James.	Severyn, Adolph.	Trainer, Joseph.	Wallach, Emanuel.
King, Thomas.	McVey, Robert.	O'Keefe, Michael.	Scheffler, George.	Tremper, George.	Watt, John.
Kelly, Patrick.	McCabe, James.	O'Neill, John J.	Shaffer, Henry.	Traver, Chester P.	Willur, Willis M., \$17.50 per week.
Kelleghan, William.	McCoy, George W.	O'Connor, John J.	Springer, George.	Tauby, George.	Wuelfel, Frederick.
Kennedy, Frank.	Moroney, John.	O'Rourke, James.	Schiff, Solomon.	Tracy, Elsie.	Wholey, Jeremiah.
Kiernan, John.	Mahoney, Daniel.	O'Dwyer, Patrick.	Sullivan, Daniel.		
Kiesler, William.	Morton, Wright.	O'Brien, Edward.	Schlick, Hyman.		
Kaefer, Christian.	Murray, Michael.	O'Neill, Daniel.			
Keating, Joseph.	Monaghan, James.	O'Neil, Jeremiah.			
Keefe, John J., \$18 per week.	Mitchell, James.	Oliver, James.			
Kuntz, John H.	Moss, Frank.	Petit, Michael.			
King, Charles G. G., \$75 per month.	Maguire, Daniel.	Page, Merwin J.			
Kennedy, Edward A.	Murphy, George.	Packham, Philip.			
Kearney, Thomas.	Mahoney, Patrick.	Pfanner, George.			
Kelly, Charles H.	Misk, James R., \$75 per month.	Quinn, William.			
Kelleher, Thomas F.	Mulcaire, Thomas C.	Rafferty, George.			
Kennedy, John.	Milligan, Frederick C., \$17.30 per week.	Reilly, James, No. 1.			
Kurz, Laurence.	Mark, Jacob.	Reynolds, Patrick.			
Kelch, Nicholas.	Mahoney, Peter.	Ritchie, John.			
Lowerie, William.	Morrison, Daniel.	Ryan, William.			
Lynch, Daniel.	Mackin, James.	Reid, James.			
Larkin, Thomas J.	Mahon, Michael.	Ronan, John E.			
Lauer, Simon.	Molloy, John J.	Rubsam, Joseph.			
Loughlin, Joseph.	Murtagh, James.	Reynolds, Henry.			
Larman, John.	Mead, Michael.	Reiser, Jacob.			
McCarthy, John.	Murray, James F.	Roger, Arnold.			
McGrath, John.	Murray, Richard.	Rafferty, Bernard.			
McDonnell, Edward.	Monaghan, John P.	Reilly, James, No. 2.			
McGuire, Hugh.	Myers, John F.	Russo, Francis.			
	Noonan, Michael.	Reynolds, James.			

Total number of Laborers .....	397
Total number of Dock Builders .....	100
Total number of employees, exclusive of Laborers and Dock Builders .....	287
	583

## SECOND—A STATEMENT OF THE ACTION OF THE BOARD FOR THE PAST YEAR.

### REVENUES AND EXPENDITURES.

The total gross revenue of the Department of Docks from leased wharves and wharfage, for the eight months ending December 31, 1897, amounted to \$1,433,894.32, not including the sum of \$262,276.86 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 audited expenditures during the same period were \$4,650,304.88. Of this amount \$1,067,969.39 was expended for the work of construction and \$3,379,881.92 was paid for wharf property; the sum of \$164,044.11 was spent in repairs, while the general expenses of the Department amounted to \$44,207.88.

### LEASES AND PERMITS GRANTED BY THE BOARD.

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.

### DESCRIPTION OF CONTRACTS MADE BY THE BOARD DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897.

NO.	DESCRIPTION OF CONTRACT.	NAME OF CONTRACTOR.	CONTRACT PRICE.	DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT PAID TO DATE, Dec. 31, 1897.
281	Dredging between Bank and Bethune streets, N. R.	Merrell & Conings-Dredging Co.	\$25,000.00	July 20, 1897	July 20, 1897	Dec. 31, 1897	\$25,000.00
282	Paving in vicinity of Pier, new 22, N. R.	Thompson & Smith	\$7,700.00	May 21, 1897	May 21, 1897	July 27, 1897	\$7,700.00
283	Dredging at West Thirty-fourth street, N. R.	Arthur Dredging Co.	Cloud, 1 man per cubic yard; 2 men 11, 25000 cubic yards	May 11, 1897	May 11, 1897	July 27, 1897	\$7,700.00
284	Repairing pier on site of Pier 10, N. R.	W. H. Jinks	\$6,410.00	May 11, 1897	May 11, 1897	Aug. 31, 1897	\$6,410.00
285	Breakwater at Pier "A," N. R.	Robert & Bensch	\$6,270.00	May 11, 1897	May 11, 1897	June 28, 1897	\$6,270.00
286	Class I.—Furnishing stationery	Gray & Murray	\$1,000.00	May 11, 1897	June 30, 1897	May 1, 1898	\$1,000.00
287	Class II.—Furnishing stationery	Morris H. Brown	\$5,113.12	May 11, 1897	May 21, 1897	May 1, 1898	\$5,113.12
288	Paving in vicinity of Barclay street, N. R.	Thomas Harrington	\$6,700.00	May 11, 1897	May 21, 1897	Aug. 31, 1897	\$6,700.00
289	Dredging between Bethune and West Twelfth streets, N. R.	R. H. Boudin	\$11,000.00	July 20, 1897	July 20, 1897	Nov. 30, 1897	\$11,000.00
290	Paving in vicinity of East One Hundred and Seventh street, H. R.	Thomas Harrington	\$5,475.00	May 22, 1897	May 27, 1897	Aug. 31, 1897	\$5,475.00
291	Dredging north of West Thirty-fourth street	Charles Dufour	15 cents per cubic yard	June 3, 1897	June 11, 1897	June 3, 1897	\$7,700.00
292	Recreation structure on East Twenty-fourth Street Pier.	R. H. Hand	\$18,000.00	June 3, 1897	June 11, 1897	Dec. 31, 1897	\$18,000.00
293	Foundation for recreation structure, East Twenty-fourth Street Pier.	William H. Jinks	\$18,000.00	June 3, 1897	June 11, 1897	Dec. 31, 1897	\$18,000.00
294	Class I.—Hardware and tools	Joseph Connelley	\$1,517.00	Aug. 4, 1897	Aug. 31, 1897	Dec. 31, 1897	\$1,517.00
295	Class II.—Workmen and rubber goods	Manhattan Supply Co.	\$200.24	Aug. 4, 1897	Aug. 31, 1897	Dec. 31, 1897	\$200.24
296	Class III.—Paints and oil	Shaw & Bensch	\$200.00	Aug. 4, 1897	Aug. 31, 1897	Dec. 31, 1897	\$200.00
297	Class IV.—Rope and twine	Travers Bros. Co.	\$1,004.00	Aug. 4, 1897	Aug. 31, 1897	Sept. 24, 1897	\$1,004.00
298	Class V.—Steam fittings and machine shop supplies	E. C. Haver	\$1,004.00	Aug. 4, 1897	Aug. 31, 1897	Dec. 31, 1897	\$1,004.00
299	Paving in vicinity of West Fifty-second street, N. R.	Patrick Connelley	\$1,000.00	July 11, 1897	July 11, 1897	Dec. 31, 1897	\$1,000.00
300	Building Pier at West Eleventh street, N. R.	Orin & Jennings	\$1,000.00	July 11, 1897	July 11, 1897	Feb. 1, 1898	\$1,000.00
301	Platform at foot of Seventh avenue, H. R.	William H. Jinks	\$1,000.00	Sept. 17, 1897	Sept. 24, 1897	Dec. 31, 1897	\$1,000.00
302	Furnishing sawed yellow pine timber	Southern Pine Co. of Georgia	\$18.25 per thousand	July 20, 1897	July 20, 1897	Feb. 1, 1898	\$18.25
303	Furnishing sawed spruce timber	Uran & McMahon	\$18.25 per thousand	July 20, 1897	July 20, 1897	Nov. 3, 1897	\$18.25
304	Furnishing anthracite coal	G. W. Witant	\$5.25 per ton	July 11, 1897	July 11, 1897	Dec. 31, 1897	\$5.25
305	Class I.—Furnishing white timbers	Marine & Co.	\$4.00 per cubic yard	Aug. 31, 1897	Sept. 11, 1897	Jan. 31, 1898	\$4.00
306	Class II.—Furnishing tie-rope	Brown & Fleming	\$3.00 per cubic yard	Aug. 4, 1897	Aug. 31, 1897	Jan. 31, 1898	\$3.00
307	Building Pier foot of Bank street	Stearns & Bensch	\$9,700.00	July 20, 1897	Aug. 3, 1897	120 days after completion to begin	\$9,700.00
308	Dredging north of Thirty-fourth street, N. R.	Charles Dufour	17 1/2 cents per cubic yard	Aug. 6, 1897	Aug. 18, 1897	June 1, 1898	\$7,700.00
309	Dredging between Battery and West Thirty-fourth street, N. R.	P. Sanford Ross	17 1/2 cents per cubic yard	Aug. 10, 1897	Aug. 18, 1897	June 30, 1898	\$18,200.00
310	Building Pier near foot of Governor street, N. R.	P. Sanford Ross	\$10,000.00	Aug. 17, 1897	Sept. 12, 1897	30 days from date of notification	\$11,111.44
311	Recreation structure on Pier at East One Hundred and Twelfth street, H. R.	Ernst & Hyde Co.	\$40,420.00	Sept. 17, 1897	Sept. 21, 1897	100 days from date of notification	.....
312	Building Pier at East One Hundred and Twelfth street, H. R.	Stearns & Bensch	\$9,200.00	Sept. 17, 1897	Oct. 11, 1897	90 days from date of notification	\$1,274.72
313	Building Pier foot of Jans street, N. R.	Edward L. Preston	\$12,750.00	Nov. 10, 1897	Dec. 27, 1897	120 days from date of notification	.....
314	Furnishing yellow pine timber	Chas. S. Hirsch & Co.	\$18.25 per thousand	Sept. 17, 1897	Sept. 27, 1897	Jan. 31, 1898	\$18,274.98
315	Building Pier near foot of Bethune street, N. R.	Robert E. Strats	\$18,000.00	Oct. 14, 1897	Oct. 20, 1897	120 days from date of notification	\$1,844.32
316	Class I.—Furnishing and placing ice-bases, etc., on East Twenty-fourth Street Pier	Ryan & Bowler	\$243.00	Nov. 18, 1897	Dec. 20, 1897	30 days from date of notification	.....
317	Class II.—Furnishing and placing hunch counter on East Twenty-fourth Street Pier	Ryan & Bowler	\$300.00	Nov. 18, 1897	Dec. 10, 1897	30 days from date of notification	.....
318	Class III.—Furnishing and placing picket rail on East Twenty-fourth Street Pier	R. H. Hand	\$1,482.00	Nov. 18, 1897	Nov. 23, 1897	Jan. 27, 1898	.....
319	Paving in vicinity of Piers, new 22 and 23, N. R.	Connelley O'Grady	\$5,500.00	Oct. 14, 1897	Oct. 20, 1897	Jan. 28, 1898	\$5,599.74
320	Repairing and extending Pier at Riker's Island	Bernard Roll	\$3,633.00	Oct. 28, 1897	Nov. 11, 1897	Jan. 16, 1898	\$3,673.00



No.	DESCRIPTION OF CONTRACT.	NAME OF CONTRACTOR.	CONTRACT PRICE.	DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT PAID TO DEC. 31, 1897.
512	Shilling in behind crib-work at Sherman's Creek.	P. Sanford Ross.	\$15,678.00	Nov. 9, 1897	Nov. 16, 1897	150 days from date of notification.	
513	Ordnance shed at River's Island.	Edward S. Walsh.	\$18,000.00	Dec. 9, 1897	Not yet signed.		
514	Extending Pier at West One Hundred and Twenty-ninth street, N. R.	Not yet awarded.					
515	Including recreation building at East Twenty-fourth street.	Price & Cath.	\$18,000.00	Nov. 24, 1897	Dec. 1, 1897	60 days from date of notification.	
516	Dredging at Murray street section, N. R.	R. G. Packard.	Class I, 1.20 cents per cu. yd. per yard; Class II, 1.00 cents per cubic yd.	Nov. 24, 1897	Nov. 29, 1897	35 days from date of notification.	
517	Furnishing wood across timber.	Gibson, Collins & Co.	\$11 and 25¢ per thousand.	Nov. 29, 1897	Dec. 22, 1897	Apr. 1, 1898	
518	Furnishing asphaltum.	Wm. L. Morgan.	\$4.50 per ton.	Nov. 21, 1897	Nov. 15, 1897	Mar. 1, 1898	\$639.94
519	Dredging a roadway at West Eleventh street.	Not yet awarded.					
520	Including recreation building on East Third street.	R. H. Hood.	\$11,250.00	Dec. 14, 1897	Dec. 27, 1897	40 days after notification.	
521	Recreation structure on Pier at Fisher street, N. R.	Augustus Smith.	\$17,250.00	Dec. 23, 1897			
522	Recreation structure on Pier, new, at N. R.	R. H. Hood.	\$75,000.00	Dec. 23, 1897	Dec. 29, 1897	100 days from date of notification.	
523	Class I.—Furnishing public works.	Murray & Co.	90 cents per cubic yard.	Dec. 14, 1897			
524	Class II.—Furnishing public works.	Not yet awarded.					
525	Extending Pier at West One Hundred and Twenty-ninth street, N. R.	G. W. Rogers.	\$44,750.00	Dec. 30, 1897			
526	Building passenger and freight shed on Pier at West One Hundred and Twenty-ninth street, N. R.	Augustus Smith.	\$10,250.00	Dec. 13, 1897			

## STATEMENT OF REVENUES AND DISBURSEMENTS.

Account with the Mayor, Aldermen and Community, and Balance Sheet for December 31, 1897.  
STATEMENT OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897.

DOCK AND SLIP RENT.	
I.—REVENUES:	
1. Amount of licensed wharf collected April 30, 1897, as per report, or year ending that date.	\$1,000.00
Amount of wharf collected and wharfage collected during the eight months ending December 31, 1897, to wit:	
a. To license of corporation wharf property, and occupants of land under water, the property of the Corporation covered by wharf improvements erected by permission of the Department.	\$1,215,241.97
b. Amount of wharfage collected during the eight months from unlicensed occupants wharf property.	\$9,348.00
<b>Total Revenue:</b>	<b>\$2,224,590.97</b>
II.—EXPENDITURES:	
By check—	
Amount of money deposited with the Chamberlain prior to May 1, 1897, being in payment in advance of rents accruing during the present period.	\$12,500.00
Amount of money deposited during the eight months ending December 31, 1897, with the Chamberlain to the credit of the Commissioner of the Sinking Fund for the Redemption of the City Debt.	\$1,417,000.00
Interest received from the sale of old material.	\$1,000.00
Leaving one amount deposited during the year in rents and wharfage from corporation wharf property (except from premises on land under ferry) made with the Chamberlain.	\$1,400,000.00
Charges for unpaid rents placed in the hands of the Counsel to the Corporation for collection during the year.	\$1,000.00
Amount of money deposited with the Chamberlain.	\$1,000.00
<b>Total Disbursements:</b>	<b>\$2,819,500.00</b>
<b>Total amount of "Dock Bonds" of The City of New York, secured by the Commissioners of the Sinking Fund, for the use and purposes of the Department of Docks, from the date of its organization in May, 1890, to December 31, 1897.</b>	<b>\$1,417,000.00</b>

## DOCK BONDS.

Total amount of "Dock Bonds" of The City of New York, secured by the Commissioners of the Sinking Fund, for the use and purposes of the Department of Docks, from the date of its organization in May, 1890, to December 31, 1897.

DOCK FUND.	
I.—REVENUES:	
a. Amount of proceeds of Dock Bonds appropriated as being in the hands of the Controller on May 1, 1897, for the use and purposes of this Department, or per fiscal report for the year ending April 30, 1897.	\$1,000,000.00
b. Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund.	\$1,000,000.00
c. Amount of proceeds of Dock Bonds issued.	\$1,000,000.00
d. Amount of money received in and during the eight months and deposited with the Chamberlain for the use and purposes of the Department, being reimbursement for the costs of repairs to wharf property made for license, private owners and others, and for the use of the Departmental appliances and pumping grounds, furnishing maps, facings, etc.	\$1,000.00
<b>Total Revenue:</b>	<b>\$3,001,000.00</b>
II.—EXPENDITURES:	
Amount of bills and claims settled in full during the eight months ending December 31, 1897, 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 settled as per Schedule B.	\$1,000,000.00
As per Schedule C:	
Salaries of the Commissioners.	\$1,000.00
Salaries of the Construction Force.	\$1,000.00
Wages payable to Captains, Engineers, crews and Workmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters and Masons, etc., on Construction Force.	\$1,000.00
2. For General Repairs—	
For bills and claims settled as per Schedule D.	\$1,000,000.00
As per Schedule E:	
Payments of Dock Builders, Watchmen, Carpenters, Inspectors and Engineers on General Repairs Force.	\$1,000.00
3. For Annual Repairs—	
For bills and claims settled as per Schedule F.	\$1,000.00
As per Schedule G:	
Salaries of officers and apprentices.	\$1,000.00
As per Schedule H:	
4. For Depreciated Property—	
For property acquired.	\$1,000.00
<b>Total Disbursements:</b>	<b>\$3,001,000.00</b>
III.—BALANCE:	
Amount of proceeds of Dock Bonds in the hands of the Controller on December 31, 1897, for use of this Department.	\$1,000,000.00

New York, December 31, 1897.

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

The Mayor, Aldermen and Community of The City of New York in Account with the Board  
Do. of the Department of Docks for the Eight Months ending December 31, 1897. Cr.

To deposits of money made prior to May 1, 1897, being in payment in advance of rents accruing after that date and credited to this account.	\$1,000,000.00
To deposits of money with the Chamberlain.	\$1,000,000.00
To bills and claims audited for materials and supplies furnished and for services rendered, to wit:	
On Construction Account.	\$1,000,000.00
On General Repairs Account.	\$1,000,000.00
On Annual Repairs Account.	\$1,000,000.00
Balance carried forward.	\$1,000,000.00
<b>Total:</b>	<b>\$4,000,000.00</b>
By balance April 30, 1897, as per report for the year ending that date.	\$5,345,189.54
By dock and slip rent.	\$1,435,894.32
By Dock Bonds directed to be issued by the Commissioners of the Sinking Fund.	\$1,000,000.00
By premium on Dock Bonds.	\$10,404.00
By reimbursement of the cost of repairs made for license, private owners and others and for use of Departmental appliances.	\$1,000.00
By sale of material.	\$1,000.00
By sale of bill of exchange privileges.	\$1,000.00
By sale of old material.	\$1,000.00
By fines and penalties.	\$1,000.00
By cement tests.	\$1,000.00
By money credited in Dock Funds.	\$1,000.00
<b>Total:</b>	<b>\$11,017,547.70</b>

Dr.	Balance Sheet, December 31, 1897.	Cr.
Assigned property.	\$1,000,000.00	
Floating plant.	\$1,000,000.00	
Dock Fund.	\$1,000,000.00	
Contingent Fund.	\$1,000,000.00	
Judgments collected.	\$1,000,000.00	
Unpaid rents in hands of Corporation Counsel.	\$1,000,000.00	
Amount for collection.	\$1,000,000.00	
Sundry unpaid rents.	\$1,000,000.00	
<b>Total:</b>	<b>\$11,017,547.70</b>	<b>\$11,017,547.70</b>

SCHEDULE A.  
LAUGHER BALANCES, DECEMBER 31, 1897.

Dr.	Laugher Facing		Cr.
\$7,000.00	2	Assigned property.....	
46,400.00	4	Annual expenses.....	
1,000.00	8	Construction.....	
10,000.00	12	General repairs.....	
37,000.00	10	Dock Fund.....	
	20	Dock and slip rent.....	\$1,435,894.32
	25	The Mayor, Aldermen, etc.....	10,000.00
1,400,000.00	99	Anna G. McCook, City Chamberlain.....	
1,000.00	11	Contingent Fund.....	
600,000.00	11	Floating plant.....	
	36	Piling on privileges.....	25.00
	38	Repairs for private parties.....	1.50.77
	40	Sale of maps.....	44.00
	41	Sale of old material.....	1,000.00
	43	Fines and penalties.....	105.00
10,000.00	44	Judgments recovered.....	
68,000.00	450	Unpaid rents in hands of the Corporation Counsel.....	
	52	Cement tests.....	10.00
500.00	591	Estate of William Lynch.....	
400.00	593	Edison Market Fishmongers' Association.....	
1,000.00	597	Grouping: Ferry Company.....	
40.00	599	George C. Murphy.....	
50.00	485	E. W. Young.....	
\$12,000,000.00			\$12,000,000.00



SCHEDULE B.

HOES AND CLAIMS AUDITED BY CONSTRUCTION ACCOUNT.

Advertising.

"Advertiser"	\$140 80
"Evening Post"	35 10
"Mail and Express"	47 40
"News"	108 60
"Press"	460 80
"Times"	457 00
"Tribune"	836 00
"Weekly Union"	24 80
"World"	230 40

\$3,097 30

Building Piers, Bulkheads, etc.

Gildersleeve & Roll	\$0,948 84
Grattan & Jennings	30,793 10
International Contracting Company	4,853 40
Roll, Bernard	3,615 00
Ross, P. Sanford	57,288 44
Staats, R. P.	9,842 35
Stiers & Bensch	37,719 11

157,038 30

Cement, Sand, Granite, Broken-stone, Rip-rap and Cobble.

Atlas Cement Company	\$7,337 74
Brown & Fleming	4,020 00
Fisher, Robert C. & Co.	800 00
Hall, E., & Co.	9,593 88
Hinchcliffe, John	3,868 85
Murray & Co.	9,747 30
O'Brien, Thomas F.	13,752 00
Quinn, J. Frank	1,087 30

47,268 03

Coal.

Goodstein's, Isaac, Sons	\$138 00
Herbert & Co.	69 88
Moquin, W. C.	2,151 17
Wimont, G. W.	2,910 40

5,249 05

Drawing Material, Surveyors' Instruments, etc.

Devos, F. W. and C. T. Reynolds Company	\$350 00
Kidman & Co.	150 48
Stackpole and Brother	249 88

704 31

Dredging.

Atlantic Dredging Company	\$3,110 80
Morris & Cummings Dredging Company	134,046 82
Packard, R. J.	122,146 70

250,113 38

General Expenses, including Workmen's Tools and Maintenance of Floating Property and Department Yards.

Amie & Co.	\$10 00
Biggs, James & Co.	74 50
Blagden & Stillman	2,052 01
Blummingdale Bros.	204 25
Brown & Miller	384 00
Carey, James J.	32 15
Commonwealth Ice Company	22 30
Consolidated Gas Company	17 50
De Grauw, Aymar & Co.	201 14
Edison, Edwin (Employees' use only)	2,002 20
Gas Engine and Power Company	48 85
Greene, George, Sr.	375 07
Halsperman Bros.	103 00
Hodgeson Buhler Company	100 00
Hull, Grappon & Co.	304 00
Imperial Sergeant Drill Company	27 00
Jersey City Dry Dock Company	108 00
Kensley, R. L.	90 00
Kent, Percy	212 00
MacLure & Smith	270 00
Manhattan Supply Company	949 54
Manning, Maxwell and Moore	284 00
Montgomery & Co.	1,461 51
Morse & Rogers	40 50
Motley, T. S. & Co.	638 07
Moore, Eugene & Co.	43 35
McCroder, John & Co.	33 75
McFadden, S. Company	19 50
McNab & Harlan Manufacturing Company	12 19
New York Car Wheel Works	24 00
New York Telephone Company	1,575 40
Parsons, H. C.	850 00
Pollock, Alexander	645 99
Rand Drill Company	40 50
Schrader's, A., Son	45 00
Seth Thomas Clock Company	23 50
Sullivan, J. W.	214 00
Surpren & Meyer	30 50
Walsh, Jr., J. F.	60 00
Waldrich Gas Company	10 05
Woolley, Peter	1,886 06
Worthington, H. R.	13 50

16,546 33

Iron, Steel, Spikes, Bolts, Washers and Mooring Posts.

Cavanagh, Joseph	\$2,518 00
Davis Bros.	35 00
Fault, George	9 00
Greene, Byron W., Jr.	168 00
Lloyd, John	88 41
Montgomery & Co.	160 50
Motley, T. S. & Co.	512 09
Pollock, Alexander	31 50
Richards, C. B. & Co.	40 00
Rogers, P. C.	2,114 42
State Prison	52 49
Steinhilber & Co.	100 00
Timmes, P., Son	88 40

5,986 87

Lumber and Piles.

Anderson, John	\$23,598 14
Carroll Box and Lumber Company	412 50
East River Mill and Lumber Company	453 31
Graffon, W. C. M.	631 20
Hilton, Dodge & Co.	1,942 78
Hirsch, Charles S., & Co.	12,274 01
Kimball, C. N.	5,507 00
Murray, A. J.	55 00
Orr & Co., J. C.	1,780 37
Parrott & Co., W.	1,014 39
Rennolds, J. A., & Brother	7,506 75
Sidway, W. H.	48 14

Southern Pine Company	\$27,525 00
Walsh, Jr., J. F.	95 00
Yellow Pine Company	198 48

\$83,168 07

Fuel, Oil, etc.

Devos, F. W. and C. T. Reynolds Company	30 05
Dunham, Thomas C.	70 20
Haggerty, J. H.	301 98
Miller & McLean	595 73
Rahjen American Composition Company	247 50

1,623 46

Paving.

Costello, Patrick	\$3,798 10
Harrington, Thomas	9,775 00
Harrington, Thos. & Son	510 75
Love, E. G.	112 50
O'Grady, Cornelius	3,599 74
Quinn, J. Frank	244 30
Thileman & Smith	8,700 00
Smith, Terence A.	18,100 00

44,840 48

Printing, Stationery, etc.

Gerry & Murray	\$3,786 30
Martin B. Brown Company	3,681 40
Neostyle Company	21 00

6,888 90

Recreation Building.

Brush Electric Illuminating Company	\$840 00
Corham Manufacturing Company	330 00
Hall, G. P. & Son	35 00
Hunt, R. H.	150,206 57
Jenks, W. H.	5,200 00
Kendall, R. H.	17,262 97
Sullivan, R. G.	117 25

158,001 79

Raps.

De Grauw, Aymar & Co.	\$452 40
Travis Bros. Company	1,805 04

2,318 10

Towing.

Dalziel, F. W. & Co.	\$100 00
Moran Towing Company	475 40
Victoria Towing Company	945 20

1,521 82

\$795,358 82

SCHEDULE C.

SALARIES AUDITED BY CONSTRUCTION ACCOUNT.

Edward C. O'Brien	\$3,333 33
Edwin Kinsman	3,333 33
John Munka	3,333 33

\$9,999 99

Construction.

G. S. Greene, Jr.	\$4,000 00
Andrew McC. Parker	3,000 00
Godfrey P. Farley	2,000 00
S. W. Hogg, Jr.	2,000 00
Charles W. Stanford	2,000 00
Edward Gottschall	1,625 00
William S. White	1,600 00
Allen K. Spomer	1,600 00
Henry C. Freeman	1,600 00
John J. Herrick	1,200 00
Harvey Fardington	1,200 00
John M. Stewart	1,200 00
John T. Hinton	1,200 00
Joseph Canning	1,200 00
Lucas C. Higgins	1,200 00
Berthold Sommer	1,200 00
Joseph W. Baker	1,150 00
Robert M. Kid	1,150 00
Benjamin S. Weaver	1,150 00
David F. McCarthy	1,058 33
Charles J. Collins	1,025 00
Harry C. De Lano	1,000 00
J. Frank Johnson	1,000 00
Hiram C. Calkins	1,000 00
James J. White	1,000 00
John A. Duntze	1,000 00
Frederick Lange	1,000 00
Ellingham V. Smith	1,000 00
J. Garret Basinger	1,000 00
William Lansing, Jr.	950 00
William P. Craigbill	935 15
William H. Burr	925 00
Peter Taylor	870 14
George A. Button	850 00
Charles A. Mumly	834 72
Robert M. Sterritt	825 00
John W. Ingalls	805 00
William H. Cherry	800 00
William J. Crowley	800 00
William McDonald	800 00
John T. L. Daughy	800 00
William G. Johnson	800 00
Nicholas J. Vande Wyle	800 00
George A. Dearborn	800 00
Thomas H. Spooner	800 00
David H. Lane	800 00
Thomas H. Boone	800 00
Patrick H. Bird	800 00
John T. Guy	800 00
William E. Bailey	800 00
Thomas P. T. Nash	800 00
John J. Boyle	800 00
Norman W. Palmer	783 33
Chandler Davis	770 03
Bernard V. Levey	770 00
George S. Morison	750 00
Samuel C. Brown	750 00
John P. Nordstrom	750 00
Alexander M. Goge	733 33
Jacob Bauer	716 05
Frank M. Hale	630 64
Patrick Donnelly	621 23
Thomas S. Callender, Jr.	600 00
Ernest H. West	600 00
Louis T. Brennan	600 00
Thomas C. Carroll	600 00
James E. Thorndike	610 00



W. David Johnson	\$560 63
George W. Carpenter	534 01
Thomas Aburn	530 00
George W. Tuttle	519 55
Thomas J. Maurey	519 35
Patrick T. Crowley	500 00
Joel J. Pettall	408 77
John G. Osgood	402 50
John W. Crompt	402 50
Arthur Cassin	432 25
William T. Carroll	445 10
William C. Crosby	400 15
John Colleton	404 03
John J. Quinn	375 00
Mary Dowling	300 00
Catherine Lyons	300 00
Frederick W. Bach	257 50
Pomeroy L. Andrews	247 50
James R. Misk	225 00
Kittie Trimble	208 33
Elizabeth Nolan	208 33
Mary Devlin	208 33
John Lane	208 33
Richard Pettit	208 33
Charles F. Moore	205 65
James Hughes	200 00
Charles Mack	200 00
Mary Brady	187 50
Elizabeth Smith	187 50
Mary Boulton	187 50
George Fawcett	179 03
William B. Stoddard	163 74
Edward E. McCarmey	125 65
R. Walter Crenshaw	113 74
Sarah Shale	75 00
Abbie M. Vincent	61 67
Bridge Marren	61 67
Elizabeth O'Rourke	61 67
Ellen Rion	61 67
Mary Cleary	61 67

589,075 94

Weekly pay-rolls from May 1, 1897, to December 31, 1897, of Captains, Engineers, Crews, and Watchmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters, Masons, etc., in Construction Force.

180,554 04

547,510 57

## SCHEDULE D.

## BILLS AND CLAIMS AUDITED ON REPAIRS ACCOUNT.

Advertising.	
"Commercial Advertiser"	\$119 80
"Evening Post"	115 80
"Mail and Express"	125 50
"Press"	112 80
"Times"	138 00
"Tribune"	219 60
"World"	72 80

589 20

## Coating and Sprinkling.

Crinion, James	\$740 00
Cummings, John	360 00
Kearns, Thomas	1,285 00
Stripp, Matthew, Jr.	180 20

2,365 20

## Contracts for Repairs and Dredging.

Atlantic Dredging Company	\$2,500 24
De Bots, Charles	10,412 74
De Bots, H. E., Jr.	12,707 04
Jenks, W. H.	5,437 80
McGuire, James	1,321 60
Packard, R. G.	6,657 98
Roff, Bernard	7,554 00
Ross, P. Sanford	14,267 66
Speerrie & Preston	2,975 00
Stein & Beasly	6,455 23

76,681 46

## Lumber and Piles.

Dell Bros	\$3,150 00
Crisse & McMahon	3,271 82
McDonnell, J. W.	65 05
Parrott & Co.	595 15

7,082 24

## Recreation Fees.

Anderson, H. C.	\$110 25
Blagden & Stillman	1,610 50
Bogart, A. G. & Brother	777 99
Brush Electric Illuminating Company	5,072 49
Darcy Bros	50 00
Getty, Hugh	437 00
Gansel, Theodore & Son	35 00
Harrison, John	16 00
Head, R. H.	680 00
Joyce, Thomas H.	8,235 00
Keyport Steamboat Company	100 00
Matt, J. L., Iron Works	720 00
McHugh, John F.	45 00
O'Neill, H. O. & Co.	30 08
United Electric Light and Power Company	700 00
Wanamaker, John	30 00
West Disinfecting Company	43 30
Williams, J.	140 00
Young & Schminke	1,370 00

18,508 62

## Stationery.

Gerry & Murray	\$387 25
Martin B. Brown Company	150 25

543 50

## Miscellaneous.

Annis & Co.	\$54 00
Blagden & Stillman	78 46
Bloomfield Bros	502 54
Carey, James J.	30 00
Clements, C. J.	\$144 00
Consolidated Gas Company	134 60
De Grauw, Aymar & Co.	42 40
Einstein, Edwin (employees' car-fare, etc.)	520 30
Gombossy, Max	305 00
Greenlie, Wyatt & Co.	55 00
Gutta Percha and Rubber Manufacturing Company	147 50
Hall, G. P. & Son	90 00
Hall, Grippen & Co.	63 60

Lewis, Samuel	\$47 30
Lowe, R. G.	50 00
Mason, J. W. & Co.	36 25
Miller & Brewer	16 00
Montgomery & Co.	86 10
McMullen, J. A.	15 00
New York Multi-Color Copying Company	40 30
Pollock, Alex.	59 20
Reilly & Guy	73 82
Royal Photo Company	25 00
Shellan Asphalt Company	270 14
Smith Premier Typewriter Company	75 00
Stafford, N.	34 00
State Prison	168 00
Trinidad Asphalt Company	135 08
Wood, F. O.	47 50
Woolley, Peter	265 83
Wynn Bros	164 56

\$3,916 78

\$110,390 60

## SCHEDULE E.

## PAY-ROLLS AUDITED ON GENERAL REPAIRS ACCOUNT.

Weekly pay-rolls from May 1, 1897, to December 31, 1897, of Dock Builders, Laborers, Watchmen, Inspectors and Engineers of General Reprints Force.

\$53,653 51

## SCHEDULE F.

## BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

Advertising.	
"Mail and Express"	\$18 00
"News"	18 00
"Press"	52 00
"Times"	44 00
"Tribune"	24 00
"Weekly Union"	4 80

\$140 80

## Stationery, etc.

Daker, Voorhis & Co.	\$17 00
Book Bros	30 00
Gerry & Murray	1,017 70
Martin B. Brown Company	1,824 42

5,483 37

## Miscellaneous.

Bloomfield Bros	\$36 78
Commonwealth Ice Company	57 20
Kinsman, Edwin (employees' car-fare, etc.)	760 23

864 21

\$4,490 38

## SCHEDULE G.

## SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

George S. Terry	\$3,065 70
Edward S. Arnold	1,055 33
John M. Phelan	1,538 33
Charles J. Farley	1,739 33
James Wolf	1,600 00
Charles F. Friedman	1,600 00
Louis S. Kellogg	1,300 00
Edwin A. Gregory, Jr.	1,200 00
Robert Gere	1,200 00
Robert F. Aram	1,000 00
Francis J. Ryan	1,000 00
Daniel D. Barry	1,000 00
Edward Abell	1,000 00
Thomas Brady	1,000 00
Thomas E. Bollen	1,000 00
James J. Fleming	1,000 00
W. J. Matthews	1,000 00
L. Hoch Harrison	1,000 00
De Witt C. Wheeler	1,000 00
Thomas P. Walsh	1,000 00
Gerard Harker	1,000 00
John Clark	1,000 00
William H. Burns	1,000 00
W. H. Rockwell	1,000 00
Martin Mauer	1,000 00
Rufus Darrow, Jr.	1,000 00
Thomas Gearty	1,000 00
Richard H. Ross	800 00
Charles G. G. King	600 00
Bernard P. Gilroy	600 00
Max Dwyer	600 00
John O'Brien, Nov.	600 00
James P. Conway	580 65
Adna G. Bowen	549 99
William J. Fay	525 00
Henry M. Joseph	312 10
James R. Misk	325 00
John J. Colleton	33 87

\$39,917 50

## SCHEDULE H.

## BILLS AND CLAIMS AUDITED ON ACQUIRED PROPERTY ACCOUNT.

Addicks, F. R.	\$3,207 50
Andrus, Robert H.	250 00
Barlett, Franklin	3,300 00
Bien, Franklin	2,310 00
Boardman, A. B.	1,240 00
Bonyage, Clarence	315 60
Brooks, M. Leunis, W. B.	181,790 49
Burnham Company, E. S.	2,405 25
Campbell, H. P. & Co.	1,916 99
Chandler, A. B. et al.	1,000 00
Chapman State Company	2,914 62
Clarke, G. C.	2,310 00
Cole, N. L.	27 50
Coleman, Michael	1,000 00
Cook, E. B. & W. S.	481 05
Cooper, A. R.	89 48



Curry, Katherine V.	\$1,610 65
Davidson, John	500 00
De Forest, Emily J.	222,204 45
Deichler, C.	534 50
Delahanty, John	2,350 00
Dun, Robert G.	3,000 00
Fawcett, William J.	600 00
Fogg, W. W.	7,500 00
Ganseyout Freezing and Cold Storage Company	70,980 00
Gerry, Louis M.	350,050 14
Glover, David	325 00
Gould, Charles W.	1,000 00
Guy, Charles L.	682 00
Henneberry, John A.	2,463 50
Huffman, Eugene A.	378,000 80
Hubbard, G. S.	682 00
Hutchinson, J. H.	119 72
Judge, John H.	2,310 00
King, A. M.	1,740 00
Larremore, Wilbur	2,680 00
Lawyers' Title Insurance Company	428 75
Loew, Edward V.	682 00
Lowerre, James, et al.	50,800 02
McCarthy, William H.	1,340 00
McKenzie, William	4,260 00
McLean, John S.	620,811 00
Martin, Hannah	1,000 16
Martine, E. H.	3,200 00
Mauer, Emil F.	2,500 00
Moonan, John	300 00
Morison, Charles A.	255 15
National Bank of Republic	210 00
Newton, Alice	073 90
"New York Law Journal"	7 00
New York Telephone Company	160 34
Palmer, William W.	255 00
Parker, Frederick S.	1,250 00
Plase, Herbert C.	7,500 00
Pratt, C. G.	1,045 55
Santano, A.	4,270 00
Seamen's Bank for Savings	413,432 22
Shuback, John	6,545 56
Smith, T. G.	5,405 00
Spellman, John H.	5,050 00
Spennke, W. A.	1,282 80
Stevens, H. A. & S. F.	513 21
Strikers, William E.	2,244 00
Sulzer, Mary E. L. and N. A. Lawton et al.	468,401 95
Torrance, James R.	454 93
Towle, Frank E.	835 44
Tyre, Isabel H. et al.	21,597 71
Vandres, F. M.	16,572 08
Waldrich Land Company	158,438 47
Walsh, Augustin	50 00
Welge & Co.	5,024 30
Winston, Thomas	4,550 38
	\$3,370,883 50

SCHEDULE I.

STATEMENT OF VALUATION OF FLOATING PLANT, DECEMBER 31, 1897.

100-ton derrick	\$100,000 00
12-ton derrick, No. 1	10,000 00
12-ton derrick, No. 2	10,000 00
12-ton derrick, No. 3	10,000 00
10-ton derrick	6,000 00
Tug "Pier"	30,000 00
Pile driver, No. 1	800 00
" 2	900 00
" 3	900 00
" 4	6,000 00
" 5	5,000 00
" 6	900 00
" 7	1,000 00
" 8	1,000 00
" 9	3,500 00
" 10	3,000 00
" 11	3,000 00
" 12	5,500 00
" 13	8,500 00
" 14	8,500 00
" 15	4,500 00
" 16	4,500 00
Deck crew "B"	\$1,800 00
" "C"	600 00
" "D"	600 00
" "E"	100 00
" "F"	4,000 00
" "G"	4,000 00
" "H"	4,000 00
" "I"	4,000 00
" "J"	4,000 00
" "K"	4,000 00
" "L"	4,000 00
" "M"	4,000 00
" "N"	4,000 00
" "O"	4,000 00
" "P"	4,000 00
" "R"	75 00
" "S"	1,400 00
" "T"	3,400 00
Boring machine "Woodcock"	1,200 00
Diver's scow "A"	500 00
" "G"	250 00
" "N"	500 00
" "S"	500 00
" "T"	900 00
Naphtha-engine launch, No. 1	400 00
Naphtha-engine launch, No. 2	750 00
Small boats (28 yawl boats, 2 skiffs, 6 sounding-boats, 2 launch and 1 rowboat)	1,200 00
Total value of floating plant	\$282,875 00

SCHEDULE J.

Judgments Obtained by the Council to the Corporation for Claims for Unpaid Wharf Rents.

Wharf Against	Date Filed	Interest Inclosed	Amount
John D. Tracy	Oct. 1, 1897		\$991 59
Dillon Ransom	Mar. 5, 1899		1,300 00
Patrick Grace	Feb. 15, 1899		951 25
John D. Tracy	Apr. 14, 1880	\$104 75	3,479 75

Wharf Against	Date Filed	Interest Inclosed	Amount
David Tracy	Dec. 14, 1880	\$1,104 50	\$1,049 80
"	Dec. 10, 1880	5412 37	14,182 96
"	Mar. 9, 1880	4074 57	47,000 00
"	Apr. 20, 1881		250 00
"	Mar. 10, 1881		1,000 00
"	Aug. 20, 1881		200 00
"	Mar. 18, 1881	5430 14	10,000 00
"	Mar. 12, 1881	377 18	1,000 00
"	Apr. 10, 1881	612 47	5,000 00
David Tracy	July 10, 1881	4,000 00	5,000 00
James H. Graham	June 1, 1881	99 50	100 00
H. A. Thompson	Mar. 20, 1881	870 35	1,000 00
"	Dec. 1, 1881	1010 15	1,000 00
Thomas Gaynor	Apr. 1, 1881	432 22	500 00
Thomas C. Burke	Jan. 15, 1881	1,280 50	1,500 00
"	Dec. 10, 1881	140 75	5,000 00
James Savage	Mar. 10, 1881	10 70	100 00
Bernard Harnett	May 17, 1881	430 61	7,000 00
"	Apr. 20, 1881	1,000 00	7,000 00
John E. Houghland	Nov. 10, 1881	100 00	100 00
Isaac Ryder	Nov. 25, 1881	100 00	100 00
Empire City Ice Company	Jan. 27, 1882	41 14	100 00
William H. Brown	Feb. 10, 1882	546 37	5,000 00
John Bates	Apr. 10, 1882	7 25	100 00
John Brown and others, claiming Wages from	July 1, 1882	640 35	1,000 00
Donald Dalley	Sept. 10, 1882	1 00	100 00
Adolph E. Kardon	Dec. 1, 1882		1,000 00
Donald Dalley	Dec. 10, 1882	1 43	100 00
Frederick Schenck	Dec. 10, 1882	40 47	500 00
Collected judgment against owner of Thomas Town	Dec. 11, 1882		241 57
			\$171,428 40

SCHEDULE K.

Claims for Unpaid Wharf Rents Filed with the Council to the Corporation for Collection, and for which no return was made prior to December 31, 1897.

Against John Darrow	Mar. 1, 1880	\$1,000 00
William Darrow	July 10, 1881	1,000 00
Oyster Bay and Hingham Steamboat Company	Dec. 27, 1881	100 00
Henry Smith	Feb. 10, 1882	500 00
Benjamin Terwilliger	May 1, 1882	100 00
David Tracy	May 1, 1882	1,000 00
Alexander Mason and Robert Foster	May 1, 1882	1,000 00
Marianna Steamboat Company	May 1, 1882	100 00
John G. Dale	Sept. 10, 1882	100 00
Sundry deficits prior to June, 1882, awaiting legal judgment by the Law Department		10,000 00
Thomas C. Burke	July 10, 1882	500 00
Thomas Fitzgerald	Sept. 10, 1882	1,000 00
Steam Yacht "Vesuvius"	June 1, 1883	100 00
Joseph Cooper	Feb. 1, 1883	1,000 00
John H. Draper	Feb. 1, 1883	100 00
Joseph Cooper	May 1, 1883 to May 1, 1884	1,000 00
William H. Wood	May 1, 1883 to May 1, 1884	1,000 00
Peter H. Walsh	Aug. 1, 1883 to May 1, 1884	1,000 00
Smith & Edgar	Dec. 1, 1883	100 00
Alexander Mason	Mar. 1, 1884	1,000 00
Morris Wash	Aug. 1, 1884 to May 1, 1885	100 00
Patrick Murray	Nov. 1, 1884 to Feb. 1, 1885	100 00
Dennis Devlin	Feb. 1, 1885 to May 1, 1885	100 00
Thomas Dore	Feb. 1, 1885 to May 1, 1885	100 00
James L. Miller	for months and 10 days' rent to May 1, 1885	100 00
Daniel T. Rolleston	Nov. 1, 1885	100 00
F. W. Wright	10 mos. rent to May 1, 1886	1,000 00
Orrin D. Person	May 1, 1886	100 00
A. T. Dwyer & Co.	To Dec. 1, 1886	1,000 00
Sheridan & Byrne	To May 1, 1887	1,000 00
William Tenter	Season, 1887	100 00
James J. Herbert	To Sept. 1, 1887	100 00
New Manhattan Athletic Club	To Dec. 1, 1886	100 00
G. F. & E. C. Swift	To May 1, 1887	100 00
Krakerbocker Ice Company	To May 1, 1887	1,000 00
Fulton Market Fishmongers' Association	To June 1, 1887	100 00
William Brook's Son Co.	To Jan. 31, 1888	100 00
Jones & Brennan	To Nov. 30, 1887	100 00
Iron Steamboat Company	To Dec. 31, 1887	1,000 00
		\$68,000 00



## STATEMENT

Of Revenues and Expenditures of the Department of Docks from the Organization of the Department in May, 1870, to December 31, 1897.

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	1,075,605 61	48,252 65	59,544 40	20,702 69	69,473 94	877,631 93		
1873.....	447,328 01	622,878 03	50,000 00	54,787 41	28,754 09	60,791 45	428,545 08		
1874.....	479,361 51	932,106 75	14,574 73	48,738 55	20,913 32	32,383 62	815,496 53		
1875.....	589,361 06	1,536,204 33	12,443 52	52,788 12	24,029 20	37,674 30	1,409,269 19		
1876.....	650,781 88	692,603 96	12,500 00	31,973 61	15,844 34	28,560 33	603,725 68		
1877.....	766,607 78	433,089 80	12,500 00	24,664 53	10,999 82	29,965 95	354,959 50		
1878.....	853,816 92	486,934 69	11,850 81	21,817 40	9,957 41	31,505 72	388,234 93		
1879.....	762,122 37	373,425 68	11,281 18	20,859 62	13,021 17	28,449 84	249,068 36		
1880.....	810,465 41	599,768 63	6,000 00	19,706 94	12,786 96	28,450 00	284,808 89		
1881.....	865,071 89	640,481 57	7,169 35	20,263 22	9,776 22	30,735 50	515,044 45		
1882.....	1,062,162 54	1,180,097 44	9,000 00	22,503 41	12,391 48	32,869 91	829,050 27		
1883.....	1,162,893 96	953,007 85	9,000 00	25,999 07	13,756 80	33,084 00	715,641 01		
1884.....	1,246,858 19	760,106 80	9,000 00	30,225 31	13,213 81	37,860 85	575,080 87		
1885.....	1,187,217 14	1,020,207 51	9,000 00	31,416 67	11,379 73	45,703 41	416,151 29		
1886.....	1,228,151 80	376,774 00	9,000 00	43,192 19	13,140 00	41,159 25	199,242 72		
1887.....	1,260,036 58	389,169 82	9,000 00	46,693 71	6,472 12	44,960 89	162,621 52		
1888.....	1,320,684 81	1,069,538 62	9,000 00	41,469 87	6,315 92	53,070 07	653,434 14		
1889.....	1,418,440 62	1,218,483 76	8,614 52	39,247 76	8,064 44	58,758 73	941,878 01		
1890.....	1,487,930 71	1,316,370 65	9,000 00	37,804 69	1,454 44	67,727 67	850,422 54		
1891.....	1,508,554 93	1,971,844 84	10,999 98	43,824 24	6,105 71	78,337 98	1,265,698 26		
1892.....	1,662,437 70	1,882,873 63	15,000 00	51,926 82	11,140 63	86,763 78	1,507,587 59		
1893.....	1,765,783 65	2,762,566 00	15,000 00	55,979 26	5,996 07	89,961 71	1,317,751 55		
1894.....	1,839,658 78	2,798,455 73	15,000 00	60,837 36	8,700 38	85,328 08	1,685,908 22		
1895.....	1,940,079 05	1,645,076 02	15,000 00	70,367 25	6,697 24	89,865 80	747,675 81		
1896.....	2,021,698 47	760,050 14	15,000 00	65,461 22	5,847 15	83,111 95	312,202 39		
1897.....	2,066,839 02	1,739,762 24	15,000 00	59,375 32	11,653 88	96,914 74	522,233 79		
Eight months to Dec. 31, 1897.....	1,433,894 32	4,656,304 88	9,999 99	39,917 50	4,490 38	82,075 94	975,893 46		
Total.....	\$37,506,623 57	\$34,380,238 10	\$428,186 73	\$1,169,568 01	\$347,864 08	\$1,525,560 61	\$19,919,250 66	\$3,088,182 99	\$7,901,625 02

Construction and General Repairs combined.

RENT ROLL, showing the Occupancy on December 31, 1897, 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.
<i>North River.</i>					
Berth at Battery Landing.....	American Committee, Statue of Liberty.....	At pleasure of the Board...	\$150 per ann	By resolutions, May 9, 1890, and February 21, 1895.....	\$75 00
Berth at Battery Landing.....	New York and Long Branch Steamboat Company.....	Summer season of 1897.....	1,100 "	By resolution, March 4, 1897..	11,000 00
Berth at Battery Landing for steamboat "Aurora".....	Excelsior Steamboat Company.....	Summer season of 1897.....	200 "	By resolution, February 18, 1897.....	200 00
Berth at Battery Landing.....	New York and Moonmouth Park Steamboat Company.....	Summer season of 1897.....	550 "	By resolution, March 25, 1897..	550 00
Berth for bath at Battery Wall, season 1897.....	William A. Hall.....	At pleasure of the Board...	225 per mo.	By resolutions, April 23 and 29, 1897.....	862 50
Berth on south side of Pier, new 1, N.R.....	Barber & Co.....	At pleasure of the Board...	35 per day	By resolution, December 30, 1897.....	
Office on Pier, new 1.....	Iron Steamboat Company.....	At pleasure of the Board...	50 per mo.	By resolution, December 30, 1897.....	
Pier, new 1.....	Iron Steamboat Company.....	May 1, 1891, to May 1, 1901	35,100 per ann.	By public sale, March 22, 1881..	17,550 00
Bulkhead between Pier, new 1, and Pier, old 1.....	William J. Murray.....	At pleasure of the Board...	1,000 "	By resolution, April 16, 1896..	750 00
Reclaimed land south of Pier, old 1, 11,436 square feet.....	Pennsylvania Railroad Company.....	At pleasure of the Board...	2,859 "	By resolutions, October 17 and 24, 1895.....	2,144 25
Land under water for platform between Piers, old 1 and 2, 8,800 square feet.....	Pennsylvania Railroad Company.....	At pleasure of the Board...	2,200 "	By resolutions, June 27 and November 21, 1895.....	1,650 00
Land under water for extension to Pier, old 2, 75 square feet.....	Lehigh Valley Railroad Company.....	At pleasure of the Board...	18.75 "	{ By resolution, November 28, 1894.....	
Land under water for platform between Piers, old 2 and 3, 15,560 square feet.....	Lehigh Valley Railroad Company.....	At pleasure of the Board...	3,890 "	{ By resolutions, August 25, 1886, and July 11 and October 25 and 31, 1895..	2,931 60
Land under water for platform between Piers, old 3 and 4, 13,361 square feet.....	Pennsylvania Railroad Company.....	At pleasure of the Board...	3,340.86 "	By resolution, April 26, 1894..	2,505 66
Land under water for extension to bulkhead between Piers 3 and 6 and widening Piers 4 and 5, 97,789 square feet.....	Pennsylvania Railroad Company.....	May 1, 1893, to May 1, 1903	20,000 "	By resolution, April 20, 1893..	15,000 00
Land under water for platforms at bulkheads between Piers 6 and 8, 7,901 square feet.....	New York and Baltimore Transportation Line.....	At pleasure of the Board...	1,975.25 "	By resolutions, April 30, 1884, and September 26, 1895....	1,481 43
Land under water for platform south side Pier 8, 4,059 square feet.....	Central Railroad Company of New Jersey.....	At pleasure of the Board...	1,500 "	By resolution, January 5, 1881..	1,125 00
Land under water for extension to platform between Piers 8 and 9, 8,535 square feet.....	Cromwell Steamship Company.....	At pleasure of the Board...	2,133.75 "	By resolution, October 3, 1895..	1,600 32
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, April 30, 1884, and October 10 and 17, 1895..	835 52
Land under water for further extension to Pier 9, 2,274 square feet.....	Cromwell Steamship Company.....	At pleasure of the Board...	568.50 "	By resolution, October 5, 1896..	426 39
Land under water for platform between Piers, old 9 and 10, 5,300 square feet.....	Cromwell Steamship Company.....	At pleasure of the Board...	1,325 "	By resolutions, August 1 and October 25, 1895.....	993 75
Land under water for platform at bulkhead north side Pier 10, and widening north side of pier, about 4,112 square feet.....	Metropolitan Steamship Company.....	At pleasure of the Board...	1,028 "	{ By resolutions, July 26, 1882, and October 17 and 24, 1895..	771 00
Land under water for extension of Pier, old 11, 3,314 square feet.....	Metropolitan Steamship Company.....	At pleasure of the Board...	828.50 "	By resolutions, February 13, 1890, and October 10 and 17, 1895.....	414 26
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 Railroad Company of New Jersey.....	May 1, 1895, to May 1, 1905	53,850 "	By public sale, April 15, 1895..	40,387 50
Land under water for old platform south of Pier, old 16, 4,162 square feet.....	Pennsylvania Railroad Company.....	At pleasure of the Board...	1,940.50 "	By resolution, November 27, 1895.....	730 39
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 Railroad Company.....	At pleasure of the Board...	1,913.75 "	{ By resolution, April 30, 1884, and minutes September 12, 1895.....	1,435 32
Twenty-three feet of bulkhead south of former site of Pier, old 18, and 7,243 square feet of land under water.....	Pennsylvania Railroad Company.....	At pleasure of the Board...	300 per mo.	By resolution, February 28, 1895.....	2,700 00
Bulkhead, when completed, extending from a point 20 feet south of the northerly line of Cortlandt street southerly 23 feet.....	Pennsylvania Railroad Company.....	{ 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, December 14, 1893, and January 3, 1895..	
Bulkhead from the northerly line of Cortlandt street southerly 20 feet.....	John H. Starin.....	January 13, 1897, to January 13, 1907, with privilege of two renewals of ten years each.....	1,200 1st term 1,320 2d term 1,452 3d term	By resolutions, December 14, 1893, March 22, 1894, and February 11, 1897.....	900 00
Bulkhead extending from a point 140 feet south of Pier, new 14, southerly a distance of 78.17 feet.....	John H. Starin.....	November 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$2,164.72 1st term, and \$2,381.20 for renewal term.	By resolutions, June 26, 1894, and March 7, 1895.....	1,623 54
Bulkhead extending from a point 75 feet south of Pier, new 14, southerly a distance of 65 feet.....	International Navigation Company.....	November 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$1,600 1st term, and \$1,800 for renewal term	By resolution, June 26, 1894, and December 6, 1894.....	1,350 00



Pier or Quay.	Lessee or Occupant.	Term of Tenancy.	Rent.	Right of Tenancy.	Received.
Washington Pier (new 14).....	International Navigation Company.....	January 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$25,000 per annum.....	By resolution, January 24 and March 11, 1894, and May 20, 1894.....	\$25,416 00
Bulkhead, from a point 75 feet south of Washington Pier, to a point 87 1/2 feet north of said pier.....	International Navigation Company.....	January 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$2,500 per annum.....	By resolution, February 15, 1894.....	5,450 00
Pier, new 15, excepting space for bell-tower, and bulkhead southerly.....	International Navigation Company.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	\$25,000 per annum.....	By resolution, March 9, 1893, and November 28, 1894.....	45,900 00
Space for bell-tower at outer end of Pier, new 15.....	Hudson Ferry Company.....	At pleasure of the Board.....	\$100 per annum.....	By resolution, July 16, 1896.....	75 00
Use of reclaimed land near foot of Barclay street for car-tracks.....	Metropolitan Street Railway Company.....	At pleasure of the Board.....	By resolution, October 5 and 22, 1896.....	0 00	
Land under water for extension to Pier, old 25, and Pier, old 27, 13,741 square feet.....	New York Central and Hudson River Railroad Company.....	At pleasure of the Board.....	\$150 00.....	By resolution, July 29, 1896, and September 20, 1896.....	7,200 40
Land under water for platforms between Piers, old 25 and 26, and 26 and 27, 31,568 square feet.....	New York Central and Hudson River Railroad Company.....	August 1, 1896, at pleasure of the Board.....	7,000 00.....	By resolution, May 20, 1897, and September 26, 1897.....	5,600 00
Land under water for platform between Piers, old 27 and old 28, 8,598 square feet.....	New York Central and Hudson River Railroad Company.....	January 1, 1893, at pleasure of the Board.....	5,100 00.....	By resolution, January 5, 1898, and February 19, 1898.....	7,600 00
Land under water for platform on southerly side of Pier, old 28, 904 square feet.....	Old Colony Steamboat Company.....	October 27, 1887, at pleasure of the Board.....	140 00.....	By resolution, June 9, 1896, and April 23, 1897.....	1,000 37
Land under water for extension of Pier, old 28, 16,475 square feet.....	Old Colony Steamboat Company.....	At pleasure of the Board.....	By resolution, October 27, 1887, and December 2, 1896.....	1,000 14	
*Land under water for platforms north of Pier, old 28, 7,990 square feet.....	Old Colony Steamboat Company.....	At pleasure of the Board.....	By resolution, June 29, 1897, and July 10, August 6, and December 3, 1897.....	3,870 20	
Bulkhead between Piers, old 28 and new 29, 293 feet (233 feet completed).....	Old Colony Steamboat Company.....	November 1, 1896, to November 1, 1906, with privilege of two renewals of ten years each.....	7,000 per annum.....	By resolution, June 29, 1897, and July 10, August 6, and December 3, 1897.....	3,870 20
Pier, new 29.....	Old Colony Steamboat Company.....	December 1, 1894, to December 1, 1904, with privilege of renewal of ten years.....	27,000 per annum.....	By resolution, November 3, 1894, and November 26, 1894.....	99,992 00
*Land under water for ferry racks at northerly side of Pier, new 29, 5,693 square feet.....	New York, Lake Erie and Western Railroad Company.....	February 5, 1896, at pleasure of the Board.....	8,000 per annum.....	By resolution, July 28, 1897, (See minutes, August 18, 1897).....	3,000 00
Piers, new 29 and new 31, and 260 feet bulkhead northerly from the north side of Pier, new 29.....	New York, Lake Erie and Western Railroad Company.....	August 1, 1891, to August 1, 1901, with privilege of renewal term of ten years.....	1,000,000 for present term, \$175,000 per annum.....	By resolution, July 14, 1895, and August 10, 1897.....	15,000 00
Land under water for extension to Piers 29 and 31.....	New York, Lake Erie and Western Railroad Company.....	To termination of lease of Piers 29 and 31.....	By resolution, September 20, 1897.....	0 00	
Bulkhead northerly of Pier, new 29, 86 1/2 feet (reservation for public bath).....	Charles Mullard.....	May 1, 1895, to May 1, 1899.....	4,000 per annum.....	By resolution, December 12, 1897.....	1,100 00
Pier, new 22, and bulkheads north and south of same.....	Baltimore and Ohio Railroad Company.....	January 1, 1894, to January 1, 1904, with privilege of renewal term of ten years.....	47,000 per annum.....	By resolution, March 4 and May 11, 1897, and minutes January 21, 1897.....	27,200 00
Pier, new 23, and bulkheads north and south of same.....	West Shore Railroad Company.....	October 1, 1891, to October 1, 1901, with privilege of three renewals of ten years each.....	\$2,000 per annum.....	By resolution, September 17, 1895.....	21,200 00
Bulkhead south of Pier, new 24, 80 feet.....	West Shore Railroad Company, subject to Homer Ramsdell Transportation Company and John G. Penn.....	May 1, 1895, to February 1, 1899.....	4,000 per annum.....	By resolution, April 4, 1897.....	2,400 00
Pier, new 24.....	Homer Ramsdell.....	February 1, 1899, to February 1, 1909, with privilege of renewal term of ten years.....	25,000 per annum.....	By resolution, November 27, 1897, February 7, 1898, April 14, May 22 and November 29, 1897.....	21,514 63
Pier, new 25.....	Morgan's Louisiana and Texas Railroad and Steamship Company.....	February 1, 1897, with privilege of renewal term of ten years.....	12,800 per annum.....	By resolution, November 27, 1897, January 21, 1899, and October 23, 1899.....	45,041 00
Bulkhead northerly of Pier, new 25, 32 feet.....	Southern Pacific Company.....	May 1, 1894, to May 1, 1899.....	1,000 per annum.....	Public sale, April 27, 1894.....	750 00
Pier, new 26.....	Old Dominion Steamship Company.....	May 1, 1897, to May 1, 1907.....	12,000 00.....	By resolution, August 14, 1897, and January 8, 1898.....	6,000 21
Bulkhead from a point 225 feet south of Pier, new 26, northerly to the southerly side of Pier, new 27.....	Old Dominion Steamship Company.....	May 1, 1897, to May 1, 1907.....	15,000 00.....	By resolution, January 17, 1898.....	7,500 00
Piers, new 27 and new 28, and bulkhead between, 125 feet.....	Pennsylvania Railroad Company.....	September 1, 1894, to September 1, 1904.....	27,000 00.....	By resolution, May 22, 1897.....	16,000 00
Bulkhead northerly of Pier, new 28, 71 feet.....	Pennsylvania Railroad Company.....	September 1, 1894, to September 1, 1904.....	4,000 00.....	By resolution, February 27 and April 20, 1897.....	2,000 00
Bulkhead northerly from a point half way between Piers, new 28 and new 29, extending 50 feet northerly of Pier, new 29.....	Pennsylvania Railroad Company.....	March 1, 1894, to March 1, 1904, with privilege of renewal term of ten years.....	7,000 per annum.....	By resolution, February 27 and April 20, 1897.....	2,000 00
Pier, new 29.....	Pennsylvania Railroad Company and others, assignees.....	March 1, 1897, to March 1, 1907, with privilege of renewal term of ten years.....	10,000 per annum.....	By resolution, November 27, 1897, (See minutes, January 12 and April 20, 1898).....	49,000 00
Land under water for platform south of Pier, old 29, 6,330 square feet.....	New Jersey Railroad and Transportation Company.....	At pleasure of the Board.....	1,000 per annum.....	By resolution, November 27, 1897, and October 27, 1897.....	1,000 00
Pier, old 40.....	Norwich and New York Transportation Company.....	May 1, 1895, to May 1, 1905.....	2,000 00.....	By public sale, April 13, 1897.....	28,000 00
Extension to outer end of Pier, old 41.....	New Jersey Steamboat Company.....	As per agreement.....	2,000 00.....	By resolution, May 14, 1897.....	5,000 00
Dumping-heap on southerly side of Pier, old 42.....	Brown & Fleming.....	At pleasure of the Board.....	2,000 00.....	By resolution of May 10, 1897.....	9,000 00
120 feet northerly inner end of Pier, old 42, and 47 feet of bulkhead northerly.....	Hunt & Donaldson.....	At pleasure of the Board.....	100 per annum.....	By resolution, February 15, 1897.....	700 00
100 feet wharfrage room on north side of Pier, old 42, westerly of foregoing.....	E. W. Youngs.....	At pleasure of the Board.....	300 per annum.....	By resolution, February 20, 1897.....	100 00
Pier, new 31, and 75 feet bulkhead each side.....	Pacific Mail Steamship Company, subject to Ocean Steamship Company of Savannah and Southern Pacific Company.....	September 1, 1895, to September 1, 1905, with privilege of renewal term of ten years.....	\$24,000 per annum.....	By resolution, April 4 and September 5, 1897, June 9, 1898, and January 25, 1899.....	42,512 00
Bulkhead southerly of Pier, new 31, 75 feet.....	Ocean Steamship Company of Savannah, Ga.....	At pleasure of the Board.....	\$500 per annum.....	By resolution, May 3, 1895.....	600 00
Pier, new 35.....	Ocean Steamship Company of Savannah, Ga.....	May 1, 1893, to May 1, 1903.....	40,000 00.....	By resolution, June 21, 1897.....	30,517 33
Bulkhead northerly of Pier, new 35, 84 feet.....	Ocean Steamship Company of Savannah, Ga.....	At pleasure of the Board.....	75 per annum.....	By resolution, April 25, 1897.....	500 00
Pier, new 36.....	Providence and Stonington Steamship Company.....	January 1, 1894, to June 1, 1904.....	\$4,000 per annum.....	By resolution, March 23, 1897.....	26,162 43
Bulkhead north and south of same.....	Providence and Stonington Steamship Company.....	To June 1, 1904.....	8,000 00.....	By resolution, March 23, 1897.....	1,375 00
Pier, new 37.....	Southern Pacific Company.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	20,000 per annum.....	By resolution, February 26, 1893.....	37,500 00
Bulkhead north and south of Pier, new 37.....	Southern Pacific Company.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	5,000 per annum.....	By resolution, February 16, 1893.....	5,750 00
Pier, new 38, and bulkhead north and south of same.....	Oceanic Steam Navigation Company.....	April 1, 1893, to April 1, 1903, with privilege of renewal term of ten years.....	44,000 per annum.....	By resolution, March 9, 1893.....	22,125 00
Site for shed on bulkheads adjoining Pier, new 38.....	Oceanic Steam Navigation Company.....	From date of completion to April 1, 1903, with privilege of renewal term of ten years.....	4,000 per annum.....	By resolution, February 25, 1893.....	8,000 00
Bulkhead south of Pier, new 39, 95 feet.....	L. E. Muller.....	May 1, 1897, to May 1, 1899.....	1,500 00.....	By public sale, April 14, 1897.....	1,012 30
Pier, new 39.....	National Steamship Company (Limited).....	May 1, 1896, to May 1, 1906, with privilege of renewal term of ten years.....	15,400 per annum.....	By resolution, April 22, 1897.....	19,000 00
Pier, new 40, including water rights at northerly side of said pier.....	Cunard Steamship Company (Limited).....	May 1, 1897, to May 1, 1907, with privilege of renewal of ten years.....	16,000 per annum.....	By resolution, July 27 and November 6, 1897.....	27,375 00
Bulkhead north of Pier, new 40, with privilege of shedding.....	Cunard Steamship Company (Limited).....	February 1, 1896, to February 1, 1898.....	3,150 per annum.....	By resolution, January 21, 1898.....	2,437 50
Pier, new 41.....	Delaware, Lackawanna and Western Railroad Company, assignees.....	September 1, 1896, to September 1, 1906.....	20,000 00.....	Renewal lease. See minutes, September 26, 1897.....	18,075 00
Bulkhead about 54 feet each side of Pier, new 41.....	Delaware, Lackawanna and Western Railroad Company.....	September 1, 1896, to September 1, 1906.....	1,000 00.....	Renewal lease.....	1,975 00
Bulkhead south of Pier, new 41, 61 feet.....	Richard J. Foster.....	At pleasure of Board.....	1,500 00.....	By resolution, March 16, 1896.....	1,000 00
*Reclaimed land south of Pier, new 42.....	Hudson Tunnel Railway Company.....	November 1, 1887, at pleasure of the Board.....	2,000 00.....	By resolution, December 8, 1887, and July 25, 1895.....	1,500 00
Pier, new 42.....	Compagnie Generale Transatlantique.....	November 1, 1891, to November 1, 1901, with privilege of renewal of ten years.....	45,000 per annum.....	By resolution, December 23, 1890.....	14,975 00
Two-thirds of Pier, new 43, except the northerly side.....	Catskill and New York Steamboat Company.....	At pleasure of the Board.....	6,666 66 per annum.....	By resolution, April 2, 1896.....	5,000 00
One-third of Pier, new 43, except the northerly side.....	Sugerties and New York Steamboat Company.....	At pleasure of the Board.....	3,333 33 per annum.....	By resolution, April 2, 1896.....	2,500 00
Use of reclaimed land near foot of Christopher street for car-tracks.....	Metropolitan Street Railway Company.....	At pleasure of the Board.....	\$100 per annum.....	By resolution, April 2, 1896, and March 25, 1897.....	50 00



PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Piers, new 44 and 45, including extensions and bulkhead between and one-half bulkhead north of Pier, new 45.....	Oceanic Steam Navigation Company.....	July 1, 1889, to July 1, 1899, with privilege of renewal of ten years....	64,903.76 1st term 66,148.95 2d term	{ By resolutions, February 14, 1889, August 1, 1890, and August 27, 1891.....	\$32,451 88
*Bulkhead southerly of Pier, new 46, 78½ feet.....	Joseph Cornell.....	At pleasure of the Board....	600 per ann.	By resolution, April 16, 1896..	450 00
Pier, new 46.....	Citizens' Steamboat Company of Troy.....	May 1, 1889, to May 1, 1899, with privilege of renewal of ten years....	33,517.40 1st term 36,567.40 2d term	{ By resolutions, January 11, 1889, and October 9, 1890..	25,138 05
Pier, new 47, and bulkhead between Pier, new 46, and Pier, new 47.....	Quebec Steamship Company.....	May 1, 1891, to May 1, 1901	20,000 per ann.	By resolution, October 2, 1890	15,000 00
Bulkhead along easterly side of approach to Pier, new 46, and Pier, new 47, 37½ feet from outer end.....	Quebec Steamship Company.....	At pleasure of the Board....	945 "	{ By resolutions, March 11 and April 1, 1897.....	708 75
Pier at or near the foot of West Eleventh street and 125 feet of bulkhead north and south of said pier.....	Oceanic Steam Navigation Company.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	84,375 1st term 88,593.75 2d 93,909.38 3d	By resolution, April 8, 1897..	.....
Pier at or near the foot of Bank street and 125 feet of bulkhead north and south of said pier.....	Oceanic Steam Navigation Company.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	84,375 1st 88,593.75 2d 93,909.38 3d	By resolution, April 8, 1897..	.....
Pier at or near the foot of Bethune street and 125 feet of bulkhead north and south of said pier.....	Sanderson & Son, agents.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	84,375 1st 88,593.75 2d 93,909.38 3d	By resolution, April 8, 1897..	.....
Pier foot of Jane street and 125 feet of bulkhead north and south of said pier.....	Cunard Steamship Company.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	76,239.13 1st 80,051.09 2d 84,854.16 3d	By resolution, April 8, 1897..	.....
Pier at or near the foot of Gansevoort street and 115 feet of bulkhead south of said pier.....	Cunard Steamship Company.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	40,842.39 1st 42,884.51 2d 45,457.58 3d	By resolution, April 8, 1897..	.....
Pier, old 56½.....	Lehigh Valley Railroad Company.....	At pleasure of the Board....	3,200 per ann.	By resolutions, April 29 and May 20, 1897.....	1,600 00
Berth for three steamers at south side and end of Pier, old 59.....	New York and Long Branch Steamboat Company.....	At pleasure of the Board....	2,000 "	By resolution, April 23, 1897..	877 19
Berth for steamer at north side of Pier, old 59.....	Requa & Duell.....	At pleasure of the Board....	1,000 "	By resolution, April 23, 1897..	416 68
North side outer end and surface of Pier at West Thirteenth street.....	Consolidated Ice Company.....	January 1, 1897, to January 1, 1907.....	2,500 "	{ By public sale, December 8, 1896.....	1,875 00
Land under water for platform, between Fourteenth and Fifteenth streets, 1,046 square feet.....	Glasco Ice Company.....	At pleasure of the Board....	261.50 "	{ By resolutions, January 9 and April 30, 1896.....	196 14
Pier at West Fifteenth street.....	Central Railroad Company of New Jersey.....	January 1, 1894, to January 1, 1904.....	11,000 "	{ By public sale, September 20, 1893.....	5,500 00
Land under water for transfer bridge at southerly half of block between Fifteenth and Sixteenth streets, about 6,250 square feet.....	Central Railroad Company of New Jersey.....	August 1, 1896, to August 1, 1906.....	1,500 "	By public sale, July 16, 1896..	1,125 00
Pier at West Sixteenth street.....	Bernard Campbell.....	May 1, 1895, to May 1, 1898	1,600 "	By public sale, April 1, 1895..	1,200 00
Office on Pier at West Sixteenth street.....	Bernard Campbell.....	At pleasure of the Board....	50 "	By resolution, October 8, 1896	37 50
Pier at West Seventeenth street.....	Baltimore and Ohio Railroad Company.....	At pleasure of the Board....	4,500 "	By resolution, April 16, 1896..	3,375 00
Pier at West Eighteenth street.....	Thomas Cunningham, assignee.....	May 1, 1897, to May 1, 1902	3,390 "	{ By public sale, April 14, 1897, and resolution May 4, 1897..	2,542 50
Land under water for platforms, between Nineteenth and Twentieth streets, 3,533 square feet.....	Knickerbocker Ice Company.....	At pleasure of the Board....	883.25 "	{ By resolutions October 3 and November 7, 1895.....	662 49
Land under water for platforms, between Twentieth and Twenty-first streets, 2,830 square feet.....	Knickerbocker Ice Company.....	At pleasure of the Board....	707.50 "	{ By resolutions, October 3 and November 7, 1895, January 16, 1896.....	.....
Pier at West Twenty-first street.....	H. & A. Allen.....	February 1, 1892, to February 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..	18,750 00
Pier at West Twenty-second street.....	A. Van Santvoord.....	May 1, 1896, to May 1, 1902.	16,666.66% per ann.....	By resolution, January 2, 1896.	12,499 98
Land under water for platform and ferry racks, between West Twenty-second and West Twenty-third streets, 6,846 square feet.....	New York, Lake Erie and Western Railroad Company.....	March 18, 1887, at pleasure of the Board.....	1,711.50 per ann.	{ By resolutions, October 20, 1886, and January 7, 1887..	1,283 63
Use of reclaimed land between Twenty-third and Twenty-fourth streets, in front of ferry premises for car tracks.....	Metropolitan Street Railway Company.....	At pleasure of the Board....	180 "	By resolution, March 19, 1897	90 00
Pier, new 54.....	Sanderson & Son, assignees, south side, sublet to Pennsylvania Railroad Company.....	January 1, 1892, to January 1, 1902.....	25,000 "	{ Renewal lease, resolution June 4, 1891.....	12,500 00
Bulkhead between Piers, new 54 and 55, 205 feet.....	James Tilley.....	May 1, 1895, to May 1, 1898	1,600 "	By resolution, March 14, 1895.	1,200 00
Pier, new 55.....	Atlas Steamship Company (Limited).....	May 1, 1892, to May 1, 1902	25,000 "	{ Renewal lease, minutes March 3, 1892.....	18,750 00
Bulkhead between Piers, new 55 and 56.....	I. T. Williams & Son, sublet to Baltimore and Ohio Railroad Company.....	July 1, 1894, to July 1, 1904, with privilege of renewal of ten years....	2,250 1st term 2,475 2d term	{ By resolutions, November 3, 1892, and March 11, 1897..	1,125 00
Float bridge in front of northerly 102½ feet of bulkhead between Piers, new 55 and 56..	Baltimore and Ohio Railroad Company.....	At pleasure of the Board....	25 cents per sq. ft. per ann. ....	By resolution October 14, 1897	.....
Pier, new 56.....	Simpson, Spence & Young, agents, south half sublet to Baltimore and Ohio Railroad Company; north half sublet to Charles Hill & Son.....	July 1, 1892, to July 1, 1902.	\$30,000 per ann.	{ Renewal lease, minutes March 24, 1892.....	15,000 00
Bulkhead between Piers, new 56 and 57.....	J. B. & J. M. Cornell.....	October 1, 1890, to October 1, 1900, with privilege of two renewals of ten years each.....	2,500 1st term 2,750 2d term 3,025 3d term	{ By resolution, May 29, 1890 (see minutes August 27, 1891).....	1,250 00
New-made land between Twenty-fifth and Twenty-seventh streets, west of Thirtieth avenue.....	J. B. & J. M. Cornell.....	At pleasure of the Board....	2,778.21 per ann.	{ By resolutions, October 10 and 17, 1895, and April 2, 1896, and April 29, 1897..	2,083 88
Pier, new 57.....	Terminal Warehouse Company, sublet to Panama Railroad Company.....	February 15, 1891, to February 15, 1901, with privilege of renewal of ten years.....	\$25,000 1st term 27,500 2d term	{ By public sale, January 30, 1891, and resolution, November 7, 1895.....	18,750 00
Bulkhead between Piers, new 57 and 58.....	Terminal Warehouse Company.....	At pleasure of the Board....	150 per mo.	By resolution, October 17, 1895	1,200 00
Pier, new 58.....	John H. Starin, sublet to Delaware, Lackawanna and Western Railroad Company.....	May 1, 1892, to May 1, 1902, with privilege of renewal of ten years....	12,500 1st term 13,750 2d term	{ By resolutions, April 14, 1892, and November 9 and December 28, 1893.....	9,375 00
Use of reclaimed land south of Twenty-ninth street.....	Clarence L. Smith.....	At pleasure of the Board....	1,500 per ann.	By resolution, April 23, 1897..	1,000 00
Pier, new 59.....	Jefferson Hogan, sublet to the Occident Dock Company.....	November 1, 1892, to November 1, 1902, with privilege of renewal of ten years.....	12,500 1st term 13,750 2d term	{ By resolution, May 5, 1892 (see minutes, September 29, 1892, and February 16, 1893).....	9,375 00
Bulkhead between Piers, new 59 and 60.....	Stokes & Thedford.....	At pleasure of the Board....	166.66 per mo.	By resolution, May 16, 1895..	1,333 28
Piers, new 61, 62 and 63, and bulkhead between Piers, new 60 and 63; also 55 feet of bulkhead northerly of Pier, new 63, including land under water in front of same.....	New York Central and Hudson River Railroad Company.....	May 1, 1891, to May 1, 1901, with privilege of renewal of ten years....	56,000 1st term 61,100 2d term	{ By resolutions, January 28, 1887, and November 13 and 20, 1890.....	42,000 00
Filled in land for structure, Thirty-fourth street, west of Twelfth avenue.....	Scott & Co.....	At pleasure of the Board....	450 per ann.	By resolutions, November 27, 1895, and August 12 and 19, 1897.....	394 00
Pier at West Thirty-sixth street.....	New York Central and Hudson River Railroad Company.....	October 8, 1894, to October 8, 1904.....	20,000 "	{ By resolutions, October 8, 1884, and July 3, 1894.....	15,000 00
Pier at West Thirty-seventh street.....	Pennsylvania Railroad Company.....	July 1, 1891, to July 1, 1901, with privilege of two renewals of ten years each.....	10,000 1st term 11,000 2d term 12,000 3d term	By resolution, January 30, 1891.....	5,000 00
Pier at West Thirty-eighth street.....	Pennsylvania Railroad Company.....	February 15, 1891, to February 15, 1901, with privilege of two renewals of ten years each.....	10,000 1st term 11,000 2d term 12,000 3d term	{ By resolution, January 30, 1891.....	7,500 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 ann.	By resolution, October 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, February 4, 1887	173 25
Pier and temporary approach at West Fortieth street.....	Western Stock Yard Company; lease assigned to Union Stock Yard and Market Company of New York and Western Stock Yard and Market Association of New Jersey.....	May 1, 1897, to May 1, 1902	8,000 "	{ By public sale, April 14, 1897, and resolution, May 20, 1897.....	6,000 00
Bulkhead at West Forty-first street.....	Edwin M. Brown.....	May 1, 1897, to May 1, 1898	300 "	By public sale, April 14, 1897.	225 00
Land under water for widening and extension to Pier at West Forty-third street, 19,120 square feet.....	Knickerbocker Ice Company.....	At pleasure of the Board....	100 "	{ By resolutions, September 25 and November 21, 1873.	75 00
Dumping-board on bulkhead between West Forty-third and West Forty-fourth streets.....	Albert H. Hastorf.....	At pleasure of the Board....	1,800 "	By resolution, April 15, 1897..	1,350 00
Use of reclaimed land between Forty-third and Forty-fourth streets.....	John D. Crimmins.....	At pleasure of the Board....	40 per mo.	By resolutions, November 4 and 11, 1897.....	80 00
Pier at West Forty-fifth street.....	New York Horse Manure Company.....	May 1, 1897, to May 1, 1902	4,000 per ann.	By public sale, April 14, 1897.	3,000 00
Dumping-board on north side of approach to Pier at West Forty-sixth street.....	John A. Bouker.....	At pleasure of the Board....	75 per mo.	By resolution, April 29, 1897.	600 00
Space for ice platform on north side of Pier at West Forty-seventh street.....	Doherty & Hale.....	At pleasure of the Board....	1,250 per ann.	By resolution, March 25, 1897	625 00
Pier and approach at West Forty-eighth street.....	James Parks.....	August 1, 1893, to August 1, 1898.....	5,000 "	By resolution, July 13, 1893..	3,750 00
Pier and approach at West Forty-ninth street.....	New York, Lake Erie and Western Railroad Company.....	November 1, 1891, to November 1, 1901.....	10,000 "	By resolution, October 29, 1891.....	7,500 00
Portable platform and derrick on Pier at West Forty-ninth street.....	New York, Lake Erie and Western Railroad Company.....	November 1, 1891, to November 1, 1911.....	12,000 "	By resolution, January 18, 1897	.....
Bulkhead south of West Fiftieth street, about 83 feet.....	William Brooks' Son Company.....	May 1, 1895, to May 1, 1898	500 "	By public sale, April 15, 1895	125 00
Bulkhead between West Fiftieth and West Fifty-first streets, 200 feet.....	Central Ice Company.....	April 1, 1895, to April 1, 1898.....	1,600 per ann.	By resolution, March 14, 1895	800 00



PROPERTY.	LESSOR OR OCCUPANT.	TERM OF TENANCY.	RENT.	REMARKS OF TENANCY.	REMARKS.
Pier at West Fifty-fourth street and 230 feet of bulkhead southerly.	Consolidated Canal and Lake Company.	May 1, 1897, to May 1, 1907, with privilege of two renewals of ten years each.	\$1,300 1st term \$1,800 2d term \$1,835 3d term	By resolution, April 1, 1897.	\$6,208 90
Bulkhead between Fifty-fourth and Fifty-fifth streets.	H. S. & A. H. Mott, assigned to Ruth A. Wallace.	April 1, 1895, to April 1, 1905, with privilege of two renewals of ten years each.	\$7,200 1st term \$6,000 2d term \$4,000 3d term	By resolution, September 18, and October 27, 1891, and March 14, 1893.	4,178 00
Dumping board at south side, inner end of Pier at West Fifty-fifth street.	Brown & Fleming.	At pleasure of the Board.	1,250 per ann.	By resolution, July 14, September 7, and November 14, 1892.	537 53
Bulkhead northerly of West Fifty-fifth street, 230 feet.	E. C. Clifford & Co.	At pleasure of the Board.	1,400 "	By resolution, March 24, and May 3, 1893.	1,800 00
Pier at foot of West Fifty-eighth street, northerly side, and end and surface of same.	Union Stock Yard and Market Company.	May 1, 1896, to May 1, 1901.	3,300 "	By public sale, April 14, 1897.	2,175 00
Rail and coal conveyors on bulkhead between Fifty-eighth and Fifty-ninth streets.	Eastmans Company.	At pleasure of the Board.	\$100 per annum for each conveyer.	By resolution, August 1, 1893.	250 00
Land under water for site for Pier at West Fifty-ninth street, 46,700 square feet.	New York Central and Hudson River Railroad Company.	November 1, 1897, to November, 1902.	2,800 per ann.	By resolution, May 25, 1897.	8,100 00
Extension of railroad track along bulkhead between Fifty-ninth and Sixtieth streets.	Eastmans Company.	At pleasure of the Board.	100 "	By resolution, Oct. 31, 1893.	90 00
Southerly half of bulkhead at West Sixtieth street, 30 feet.	New York Central and Hudson River Railroad Company.	May 1, 1895, to May 1, 1898 August 1, 1894, to August 1, 1899.	100 "	By public sale, April 20, 1895.	112 50
Land under water between West Sixtieth and West Sixty-fifth streets for erection of two piers, 273,863 square feet.	New York Central and Hudson River Railroad Company.	August 1, 1904, to August 1, 1911.	7,000 "	By resolution, April 22, 1894, and minutes January 11, 1894.	5,250 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, 355,794 square feet.	New York Central and Hudson River Railroad Company.	August 1, 1911, to August 1, 1924.	9,000 "	By resolution, April 28, 1888.	5,576 00
Permit to use and twice in 50 by 75 feet of upland in vicinity of Seventy-ninth street, N. R.	James Thadford.	May 1, 1896, to May 1, 1900 May 1, 1900, to May 1, 1910.	93,000 " 44,500 "	By resolution, November 12, 1896.	300 00
Use of upland between West Seventy-ninth and West Eightieth streets, 50 by 75 feet.	Thomas Ward.	At pleasure of the Board.	600 "	By resolution, June 12, 1897.	300 00
Berth at foot of West Eightieth street.	Thomas Ward.	At pleasure of the Board.	30 per mo.	By resolution, December 23, 1897.	300 00
Use of reclaimed land (50 by 100 feet) in rear of bulkhead north of West Ninety-ninth Street.	Municipal Street Railway Company.	At pleasure of the Board.	60 "	By resolution, February 20, 1897.	180 00
Bulkhead at foot of West Ninety-seventh street, about 50 feet.	William Brock & Son Company.	At pleasure of the Board.	500 per mo.	By resolution, April 20, 1898.	200 00
Land under water for piers, etc., foot of West Ninety-seventh street.	National Transit Company.	At pleasure of the Board.	100 "	By resolution, November 21, 1888, and October 1, 1891.	24 00
To land at pier foot of West One Hundred and Twenty-ninth street.	Homer Ramsdell Transportation Company.	At pleasure of the Board.	50 per mo.	By resolution, October 21, 1897.	150 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.	700 per mo.	By public sale, April 27, 1894.	450 75
Bulkhead between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.	George Grossman.	May 1, 1897, to May 1, 1898.	1,100 "	By public sale, April 14, 1897.	744 00
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.	William A. Wells.	May 1, 1894, to May 1, 1899.	300 "	By public sale, April 27, 1894.	222 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, October 17, 1894.	100 00
Permit to land steamers at Pier at West One Hundred and Thirty-third street.	Ramsdell Transportation Company.	At pleasure of the Board.	50 per mo.	By resolution, May 6, 1897.	150 00
Pier at West One Hundred and Thirty-fourth street.	M. M. McDermott.	May 1, 1895, to May 1, 1898.	900 per mo.	By public sale, April 20, 1895.	500 00
Crib bulkhead at foot of southerly half of West One Hundred and Thirty-fifth street.	John J. Hopper.	At pleasure of the Board.	200 "	By resolution, May 20, 1897.	185 00
Bulkhead at foot of West One Hundred and Forty-third street, with privilege to lay tracks across and street.	New York Central and Hudson River Railroad Company.	At pleasure of the Board.	100 "	By resolution, January 2, and April 10, 1898.	75 00
North for bath foot of West One Hundred and Forty-first street.	W. H. Jones.	At pleasure of the Board.	40 per mo.	By resolution, September 30, 1897.	120 00
Berth for bath-houses at West One Hundred and Forty-fifth street.	Mrs. Ann E. Brook.	At pleasure of the Board.	250 per mo.	By resolution, November 10, 1897.	174 00
Berth for private bath house north of West One Hundred and Forty-fifth street.	W. A. Schickel and William T. Brown.	At pleasure of the Board.	10 "	By resolution, July 7, 1898.	30 00
Berth for bath-houses south of Pier at West One Hundred and Forty-fifth street.	Joseph Solomon.	At pleasure of the Board.	150 "	By resolution, December 1, 1897, and April 23, and September 24, 1898.	152 00
North and south sides of Pier at One Hundred and Fifty-eighth street.	George C. Murphy.	At pleasure of the Board.	2125 per mo.	By resolution, May 27, 1897.	176 54
<b>East River.</b>					
Easterly half of Pier 4.	New York Central and Hudson River Railroad Company.	May 1, 1897, to May 1, 1898.	4,400 per ann.	By public sale, April 14, 1897.	2,600 00
Bulkhead and platform between Piers 4 and 5.	New York Central and Hudson River Railroad Company.	May 1, 1897, to May 1, 1899.	3,000 "	By public sale, April 14, 1897.	218 21
Pier 5.	New York Central and Hudson River Railroad Company.	May 1, 1897, to May 1, 1898.	16,450 "	By public sale, April 14, 1897.	10,014 00
Bulkhead between Piers 5 and 6.	New York Central and Hudson River Railroad Company.	May 1, 1897, to May 1, 1898.	3,000 "	By public sale, April 14, 1897.	613 77
Pier, old 6.	New York Central and Hudson River Railroad Company.	May 1, 1897, to May 1, 1898.	3,000 "	By public sale, April 14, 1897.	6,150 00
Bulkhead between Piers, new 6 and 7, 97 feet.	New York, Lake Erie and Western Railroad Company.	At pleasure of the Board.	400 "	By resolution, April 26, 1897.	200 00
West half of Pier, new 7.	New York, Lake Erie and Western Railroad Company.	May 1, 1897, to May 1, 1899.	19,000 "	By public sale, April 14, 1897.	7,400 00
Land under water for widening Pier, new 7.	New York, Lake Erie and Western Railroad Company.	August 1, 1899, to May 1, 1899.	2,000 "	By resolution, March 7, 1899.	5,172 00
Land under water to widen Pier 10, 2000 square feet.	J. M. Callahan.	December 1, 1898, at pleasure of the Board.	100 "	By resolution, May 10, 1899, and minutes December 17, 1897.	175 00
Land under water for platform between Pier 16 and Pier 17, 7,097 square feet.	New York and Cuba Mail Steamship Company.	At pleasure of the Board.	6,770 13 "	By resolution, April 21, 1891.	5,476 34
Berth at easterly half of Pier 18 to land the steamer "Chelona".	Norwich and New York Propeller Company.	From May 1, 1897, at pleasure of the Board.	350 per mo.	By resolution, May 10, 1897.	2,800 00
Berth for loading solar dirt at Pier 19 or bulkhead adjoining.	Bunker Contracting Company.	From January 27, 1897, at pleasure of the Board.	100 "	By resolution, February 4, 1897.	600 00
Land under water for platform south of Pier 20, 660 square feet.	New York and Texas Steamship Company.	At pleasure of the Board.	200 per ann.	By resolution, March 27, 1898.	100 00
Easterly half of Pier 20, westerly half of Pier 21, with whole of eastern of Pier 21, together with bulkhead between Piers 20 and 21, and platform in front of same.	New York and Texas Steamship Company.	May 1, 1896, to May 1, 1900.	17,180 "	By public sale, April 14, 1896.	11,031 00
Land under water for platform between Piers 21 and 22.	Fulton Market Fishmongers' Association.	At pleasure of the Board.	477 45 "	By resolution, December 5, 1895, and February 5, 1896.	1,000 00
East half of Pier 24 and half the bulkhead adjoining.	Hartford and New York Transportation Company.	May 1, 1896, to May 1, 1901.	7,250 "	By public sale, April 14, 1896.	5,422 50
Pier 25 and 61 feet of bulkhead westerly, west half Pier 26 and bulkhead between Piers 25 and 26.	New Haven Steamboat Company.	May 1, 1896, to May 1, 1903.	15,000 "	By public sale, April 14, 1896.	9,700 00
Land under water for extension to platform between Piers 26 and 27, 1,774 square feet.	Baltimore and Ohio Railroad Company.	At pleasure of the Board.	440 "	By resolutions, March 20, April 13, and June 10, 1897.	247 24
Land under water for platforms easterly and westerly of Pier 27, 4,300 square feet.	Baltimore and Ohio Railroad Company.	November 1, 1895, at pleasure of the Board.	1,000 "	By resolution, September 15, 1896.	800 00
Land under water for platform between Piers 32 and 33, 210, 104,89 square feet.	Long Island Railroad Company.	At pleasure of the Board.	2,600 25 "	By resolutions, December 24, 1894, and September 3, 1895.	1,311 12
East half of Pier 33, west half of Pier 34 and bulkhead and platforms between.	B. F. Clyde, sublet to Clyde Steamship Company.	May 1, 1897, to May 1, 1907.	9,000 "	By public sale, October 8, 1894, and resolution, April 4, 1897.	6,750 00
Land under water for platform westerly side of Pier 36, about 2,320 square feet.	Central Vermont Railroad Company.	At pleasure of the Board.	600 "	By resolution, December 11, 1894.	450 00
Land under water for widening east side and extension to Pier 36, 15,885 square feet.	George H. Penolman.	May 1, 1896, to May 1, 1899.	5,000 "	By public sale, March 20, 1896.	2,450 00
Land under water for temporary platform adjoining westerly side of Pier 36, 4,394 square feet.	Maine Steamship Company.	August 1, 1888, at the pleasure of the Board.	398 30 "	By resolution, November 10, 1887.	258 85
Pier, old 38, and half of bulkhead westerly, etc.	Maine Steamship Company.	June 1, 1897, to June 1, 1907.	12,000 "	By public sale, April 14, 1896.	9,750 00
Extension to Pier, old 38, 2,733 square feet.	Maine Steamship Company.	At pleasure of the Board.	685 15 "	By resolutions, May 14, and August 6, 1896.	512 40
Land under water for platform north of Pier 38, 3,048 square feet.	Maine Steamship Company.	At pleasure of the Board.	700 "	By resolutions, November 22, 1894, and April 25, 1895.	571 30
Land under water for platform south of Pier 39, 2,350 square feet.	Peter Charles.	At pleasure of the Board.	287 50 "	By resolution, June 16, 1895, and September 12, 1895.	410 64
Land under water for platform easterly of Pier 39, 1,808 square feet.	Bridgeport Steamboat Company.	At pleasure of the Board.	450 "	By resolution, March 7, 1895.	304 00
Land under water for platform westerly of Pier 40, 1,779 feet.	Old Colony Steamboat Company.	At pleasure of the Board.	444 75 "	By resolution, August 30, 1894.	311 57
Pier 40.	Old Colony Steamboat Company.	From August 1, 1894, until removal for new pier.	24,500 "	By resolution, August 2, 1894.	9,775 00
Freight shed on Pier, new 39.	North and East River Steamboat Company.	At pleasure of the Board.	100 "	By resolution, July 10, 1890.	50 00
Undivided ninth Pier, old 42.	New York Dry Dock and Repair Company.	At pleasure of the Board.	250 "	By resolution, April 2, 1897.	125 00
Land under water for platform between Piers 42 and 43, 582 square feet.	William J. Clark.	At pleasure of the Board.	16 30 per mo.	By resolution, December 8, 1892.	147 70
Land under water for widening Pier, old 45, 2,856 square feet.	New York, New Haven and Hartford Railroad Company, assignee.	June 1, 1890, to June 1, 1900, with privilege of two renewals of ten years each.	742 50 1st term 778 12 3d term	By resolution, August 10, 1888, and minutes, March 9, 1893.	525 30
Land under water for platform between Piers, old 45 and new 36, 5,477 square feet.	New York, New Haven and Hartford Railroad Company, assignee.	June 1, 1890, to June 1, 1900, with privilege of two renewals of ten years each.	1,600 75 1st term 1,886 80 2d term 1,710 97 3d term	By resolution, August 10, 1888, and minutes, June 25, 1890, and March 9, 1891.	1,202 04
Pier, new 36.	New York, New Haven and Hartford Railroad Company, assignee.	December 31, 1898, to December 31, 1908, with privilege of renewal of ten years.	15,000 per ann. 17,000 "	By resolution, November 9, 1886, and minutes, March 9, 1893.	7,500 00
Land under water for extension, Pier 49, 537 square feet.	New York, New Haven and Hartford Railroad Company.	At pleasure of the Board.	199 25 "	By resolution, May 12, 1897, and minutes, July 27, 1897.	170 43



Boundaries.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Land under water for platform north of Pier 35, 1,200 square feet.	New York, New Haven and Hartford Railroad Company, assignee.	January 1, 1894, at pleasure of the Board.	5,000 per ann.	By resolutions, November 22, 1885, July 21, 1886, and September 12, 1897.	1597 50
Land under water for platform at bulkhead south of Pier 35, 1,200 square feet.	New York, New Haven and Hartford Railroad Company.	At pleasure of the Board.	4,770 "	By resolution, May 26, 1882.	1,577 30
Land under water for platform between Pier 35 and 36, 1,200 square feet.	Harlem River and Port Chester Railroad Company.	At pleasure of the Board.	5,000 "	By resolution, May 7, 1874, and November 6, 1897.	2,000 96
East half of Pier 35, west half of Pier 36, and bulkhead, etc., between.	New York, New Haven and Hartford Railroad Company.	May 1, 1883, to May 1, 1898.	5,000 "	By public sale, September 20, 1887.	5,600 00
Land under water for platform between Pier 35 and 36, including shore, 2,376 square feet.	New York, New Haven and Hartford Railroad Company.	December 30, 1892, to May 1, 1898.	4,194 30 "	By resolution, September 21, 1890, and minutes, August 4, 1892.	1,697 26
Land under water for platform west of Pier 35, 7,100 square feet.	Darryn Hendricks.	At pleasure of the Board.	1,850 50 "	By resolutions, February 7 and April 25, 1895.	1,737 08
Land under water for platform west side of Pier 35, 344 square feet.	H. D. Meuld.	May 1, 1891, at pleasure of the Board.	125 "	By resolutions, February 26 and April 2, 1891.	93 75
Eastern half of Pier 35.	John W. Sullivan.	May 1, 1897, to May 1, 1901.	200 "	By public sale, July 16, 1896.	120 00
Western half of Pier 35 and bulkhead between Pier 35 and 36.	John W. Sullivan.	August 1, 1895, to May 1, 1901.	30 "	By public sale, July 16, 1896.	37 50
Bulkhead bet of Cortlandt street, on foot.	John A. McCarthy.	May 1, 1897, to May 1, 1898.	100 "	By public sale, April 14, 1897.	75 00
Bulkhead bet of Cherry street, on foot.	W. L. Gertie.	May 1, 1897, to May 1, 1898.	100 "	By public sale, April 14, 1897.	100 00
Northern half of Pier 35 and bulkhead north of Pier 35.	Joseph K. Smith.	May 1, 1895, to May 1, 1898.	2,100 "	By public sale, April 1, 1895.	543 69
Pier 35, with privilege of dumping boats and refuse in bulkhead north of Pier 35.	John A. McCarthy.	May 1, 1897, to May 1, 1900.	1,800 "	By public sale, April 14, 1897.	1,350 00
Use of pier-side land between Pier 35 and 36.	McNagh & McCarthy.	At pleasure of the Board.	300 "	By resolutions, September 17 and October 29, 1897.	200 00
Land under water occupied by Pier 35, between Pier 35 and 36.	Strober & Ryan.	At pleasure of the Board.	125 per mo.	Minutes, October 21, 1897, and December 9, 1897.	.....
Northern half and some part of Pier 36.	Edward A. Scott.	May 1, 1897, to May 1, 1898.	500 per ann.	By public sale, April 14, 1897.	675 00
Use of pier-side land between Pier 36 and 37.	James Sheehan & Son.	At pleasure of the Board.	100 "	By resolution, April 15, 1897.	54 17
South half of Pier 36 and bulkhead south of Pier 36.	James Sheehan & Son.	At pleasure of the Board.	2,510 "	By resolution, December 6, 1894, and April 25, 1895.	2,331 36
One hundred and fifteen feet of the northern side, bulkhead, on Pier 36 and on foot.	H. A. Park & Co.	At pleasure of the Board.	1,200 "	By resolutions, December 6, 1894, and May 2, 1895.	1,000 00
One hundred and fifteen feet of the southern side, bulkhead, on Pier 36 and on foot.	Edin T. Walsh.	At pleasure of the Board.	1,400 "	By resolutions, December 6, 1894, and May 2, 1895.	1,000 00
Bulkhead at East Fourth street, on foot and extending the wharfity line, 24 feet.	Hartford & Co.	At pleasure of the Board.	700 "	By resolution, April 30, 1895.	592 00
Extension, 24 feet, on Pier at Fifth street.	Hartford & Co.	At pleasure of the Board.	1,000 "	By resolutions, April 9 and 16, 1896, and April 23, 1897.	730 00
Northern half of Pier at Eighth street.	Emilio Roach.	At pleasure of the Board.	62 50 per mo.	By resolutions, August 20, 1893, and September 13 and November 18, 1894, and May 3, 1895.	657 86
Pier at Ninth street, southern half of Pier at Tenth street and bulkhead between.	Edward John Roach.	At pleasure of the Board.	187 50 "	By resolutions, August 20, 1893, and September 13, 1894, and May 3, 1895.	1,687 30
Northern half of Pier at Tenth street and southern half of Pier at Tenth street.	Edward John Roach.	At pleasure of the Board.	1,500 per ann.	By resolution, March 8, 1896, and May 3, 1895.	1,125 00
Bulkhead at East Eleventh street, on foot.	Murray & Co.	At pleasure of the Board.	324 "	By resolution, April 29, 1897.	393 73
Bulkhead at East Eleventh street, on foot.	Consolidated Ice Company.	May 1, 1894, to May 1, 1899.	300 "	By public sale, April 17, 1894.	225 00
Bulkhead between East Eleventh street and East Twelfth street.	Murray & Co.	At pleasure of the Board.	105 "	By resolution, May 14, 1896.	91 73
Pier at East Twelfth street, with extension on pier side.	Consolidated Ice Company.	May 1, 1895, to May 1, 1900, with privilege of renewal of five years.	4,000 per term. Renewal at appraised rental.	By resolution, October 23, 1894.	3,000 00
Bulkhead bet of East Twelfth street and East Thirteenth street.	Broadway and New York Ferry Company.	February 15, 1891, to February 15, 1901, with privilege of renewal of ten years.	\$150 1st term. 165 2d term.	By public sale, January 20, 1891.	119 30
Bulkhead bet of East Thirteenth street and East Fourteenth street.	Consolidated Ice Company.	June 1, 1887, to June 1, 1897, holding over.	4,100 per ann.	By public sale, March 29, 1887.	.....
Bulkhead between East Fourteenth street and East Fifteenth street.	Carroll & Smith.	November 1, 1894, to November 1, 1904, with privilege of renewal of ten years.	4,500 1st term. 5,000 2d term.	By resolution, October 27, 1894.	3,375 00
Bulkhead at East Fourteenth street, on foot.	William Haver.	May 1, 1894, to May 1, 1898.	250 per ann. 25 per mo.	By public sale, April 27, 1894.	187 50
Dumping-board at foot of East Fifteenth street.	William Haver.	At pleasure of the Board.	250 per ann.	By resolutions, January 23 and April 9, 1896.	160 00
Southern side of Pier at East Thirteenth street.	At-Transit Steamboat Company.	At pleasure of the Board.	100 per mo. May to Sept., 75 per mo. Oct. to Apr.	By resolution, April 23, 1897.	345 07
North for steamer "Hawkeye" at Pier 35, East Thirteenth street.	At-Transit Steamboat Company.	At pleasure of the Board.	250 per ann.	By resolution, May 5, 1897.	280 00
North for steamer "Shady Side" at Pier 35, East Thirteenth street.	South and East River Steamboat Company.	At pleasure of the Board.	50 "	By resolution, May 5, 1897.	246 71
North for steamer "Hawkeye" at Pier 35, East Thirteenth street.	New York and Newark Steamboat Company.	At pleasure of the Board.	50 "	By resolution, June 14, 1897.	147 73
Pier 35, East Thirteenth street.	John H. Martin.	At pleasure of the Board.	1,100 per ann.	By resolution, May 4, 1897.	927 34
Southern side of Pier at East Thirteenth street.	Kaufman & Co.	At pleasure of the Board.	125 per mo.	By resolution, May 2, 1895.	1,125 00
Western side of Pier at East Thirteenth street.	William Turner.	At pleasure of the Board.	25 "	By resolution, June 11, 1896.	200 00
Bulkhead bet of East Thirteenth street, on foot.	Piquet & Co.	May 1, 1895, to May 1, 1898.	300 per ann.	By public sale, April 1, 1895.	225 00
Two-sided pier on East Thirteenth street, with privilege of maintaining ice-bergs.	Delaware and Ohio Railroad Company.	May 1, 1897, to May 1, 1898.	1,500 "	By public sale, April 14, 1897.	1,125 00
Southern half of bulkhead between East Fourteenth and East Fifteenth streets.	Henry A. Peck & Co.	At pleasure of the Board.	200 "	By resolution, December 10, 1891.	100 00
Bulkhead bet of East Fourteenth and East Fifteenth streets.	Albert H. Hastorf.	At pleasure of the Board.	75 per mo.	By resolution, June 3, 1897.	510 00
Extension on foot of East Fourteenth street, on foot.	Equitable Gas-light Company.	May 1, 1895, to May 1, 1899.	150 per ann.	By public sale, April 1, 1895.	112 50
Bulkhead at foot of East Fourteenth street, on foot.	Equitable Gas-light Company.	May 1, 1895, to May 1, 1899.	110 "	By public sale, April 1, 1895.	30 40
Bulkhead at East Forty-second street.	John Gallagher.	At pleasure of the Board.	150 "	By resolution, July 21, 1896.	166 72
Bulkhead at foot of East Forty-third street, on foot.	Lafayette Valley Railroad Company.	May 1, 1895, to May 1, 1898.	225 "	By public sale, April 1, 1895.	243 75
Bulkhead at foot of East Forty-third street, on foot.	Lafayette Valley Railroad Company.	May 1, 1895, to May 1, 1898.	50 "	By public sale, April 1, 1895.	37 50
Bulkhead at East Forty-third street.	Owen & Co.	At pleasure of the Board.	350 "	By resolutions, April 16, 1895, and August 3, 1896.	412 50
Bulkhead at East Forty-third street, on foot.	Charles A. Stadler.	At pleasure of the Board.	120 "	By resolution, October 24, 1893.	122 30
Land and land under water in front of southern half of block between East Fifty-fourth and East Fifty-fifth streets, 1,400 square feet.	Cominere's Brewing Company.	July 1, 1895, to July 1, 1898. Privilege of renewal, 3 years.	150 "	By public sale, June 7, 1893.	75 00
Land under water in front of northern half of block between East Fifty-fourth and East Fifty-fifth streets, 1,400 square feet.	John Krus Brewing Company.	July 1, 1895, to July 1, 1898. Privilege of renewal, 3 years.	150 "	By public sale, June 7, 1893.	75 00
Land under water in front of block between East Fifty-fifth and East Fifty-sixth streets, 1,400 square feet.	G. D. Conis.	September 1, 1897, at pleasure of the Board.	250 "	By resolution, September 1, 1897.	187 50
Site for bulkhead between East Fifty-fifth and East Fifty-sixth streets.	Schmidt & Koenig.	At pleasure of the Board.	100 "	By resolution, April 30, 1884.	.....
Land under water between East Fifty-sixth and East Sixty-first streets, about 21,548 square feet.	New York Steam Company.	August 1, 1896, to August 1, 1906, with privilege of two renewals of 10 years each.	1,000 per ann., 1st term. 1,200 per ann., 2d term. 1,220 per ann., 3d term.	By public sale, July 16, 1896.	730 00
Filled-in land between original high-water mark in front of southern 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 per ann.	By resolution, May 17, 1895.	450 00
Filled-in land in front of northern half of block between East Sixty-second and East Sixty-third streets, and platform in front of same.	Ehrenreich Brothers.	At pleasure of the Board.	450 "	By resolutions, May 9, 1895, and May 6, 1897.	350 00
Bulkhead at foot of East Sixty-third street, on foot.	Neidinger & Sons.	May 1, 1895, to May 1, 1898.	200 "	By public sale, April 1, 1895.	375 00
Bulkhead between East Sixty-third and East Sixty-fourth streets, 225 feet.	Adam Neidinger, assignee.	June 1, 1894, to June 1, 1902.	700 "	By public sale, May 9, 1892, and Minutes, February 23, 1893.	525 00
Bulkhead and dump line of Seventy-third street.	Albert H. Hastorf.	At pleasure of the Board.	900 "	By resolutions, July 24, and August 3, 1897.	269 50
Land under water for bulkhead north of East Seventy-third street, 2,376 square feet.	Thomas Patten.	At pleasure of the Board.	400 12 "	By resolutions, November 21, 1897, and October 17 and November 24, 1895.	581 84
Bulkhead platform, between East Seventy-eighth and East Seventy-ninth streets, about 170 feet, with ice-bergs privilege.	Consolidated Ice Company.	May 1, 1897, to May 1, 1900.	2,000 "	By public sale, April 14, 1897.	1,500 00
Bulkhead platform, etc., between East Seventy-ninth and East Eightieth streets.	Nathaniel Wise.	At pleasure of the Board.	500 "	By resolution, April 30, 1895.	375 00
Bulkhead at East Ninety-third street, with privilege of maintaining ice-bergs.	Consolidated Ice Company.	May 1, 1897, to May 1, 1898.	1,500 "	By public sale, April 14, 1897.	1,125 00
Northern side of Pier at East Ninety-fourth street.	Hancken & Co.	May 1, 1893, to May 1, 1901.	\$2,000 per ann. to May 1, 1898, and \$2,500 per ann. to May 1, 1901.	By resolution, April 11, 1893.	1,687 50
Dumping-board between East Ninety-fourth and East Ninety-fifth streets.	Albert H. Hastorf.	At pleasure of the Board.	\$2,000 per ann.	By resolution, January 30, 1896.	1,537 50
Bulkhead north of Pier at East Ninety-fifth street, about 140 feet.	Solomon Mahrlach.	May 1, 1894, to May 1, 1899.	750 "	By public sale, April 27, 1894.	562 50



PROPERTY.	LEASER OR OCCUPANT.	TERM OF TENANCY.	RENT.	REMARKS OR TENANCY.	RECOVERED.
<i>Harlem River.</i>					
Portion of Pier at East One Hundredth street, and land under water at southerly side.	New York and College Point Ferry Company.	At pleasure of the Board.	\$25 per mo.	By resolution, July 23, 1897.	\$242.20
Southerly side of Pier at foot of East One Hundredth street, with privilege of maintaining ice-bridge thereon.	William M. Montgomery & Co.	At pleasure of the Board.	\$3 31 "	By resolution, July 23, 1897.	232.24
Bulkhead at East One Hundred and Fourth street, about 200 feet.	Hugh O'Leary.	At pleasure of the Board.	1,000 per ann.	By resolution, February 20, 1898, and 27, December 3, 1897, and December 3, 1897.	720.00
Bulkhead at East One Hundred and Fifth street, 50 feet.	Kane & Wright.	At pleasure of the Board.	300 "	By resolution, April 15, 1898.	300.00
Dumping-board on northerly side of Pier at East One Hundred and Tenth street.	"	At pleasure of the Board.	3,000 "	By resolution, November 21, 1897, and April 15, 1898.	110.00
Pier at East One Hundred and Sixteenth street.	Manhattan State Hospital.	April 5, 1897, to April 5, 1907, with one renewal term of ten years.	\$1,500 per ann. 10 to 200 square feet of land.	By resolution, April 10, 1898, and April 5, 1897.	4,084.23
Pier at East One Hundred and Nineteenth street, with privilege of maintaining ice-bridge.	William M. Montgomery.	May 1, 1897, to May 1, 1900.	1,100 per ann.	By public sale, April 14, 1897.	613.71
Land under water for timber basin in front of northerly half of block between East One Hundred and Twenty-fifth and East One Hundred and Twenty-sixth streets, 30.80 square feet.	Yellow Pine Company.	January 1, 1897, at pleasure of the Board.	150 "	Minutes, October 29, 1897.	75.00
Land under water for bridge pier at East One Hundred and Twenty-ninth street and Second avenue, 2,082 square feet.	Suburban Rapid Transit Company.	At pleasure of the Board.	300 "	By resolution, April 4, 1897, and June 29, 1897.	192.00
Bulkhead north of East One Hundred and Thirty-eighth street.	Jacob W. Reim.	At pleasure of the Board.	1,000 "	By resolution, April 1, 1897.	533.24
Bulkhead 170 feet northerly of One Hundred and Thirty-eighth street, with privilege of ice-bridge.	"	November 1, 1897, to November 1, 1907.	750 "	By public sale, December 11, 1897.	187.20
Use of reclaimed land at one Hundred and Fortieth street, Harlem river.	Metropolitan Street Railway Company.	At pleasure of the Board.	50 per mo.	By resolution, March 4, 1897.	480.00
Bulkhead at foot of One Hundred and Fifty-sixth street, about 70 feet.	Estate of William Lynch.	May 1, 1895, to May 1, 1898.	100 per ann.	By public sale, April 20, 1897.	78.00
Bulkhead at foot of One Hundred and Fifty-seventh street, about 40 feet.	Estate of William Lynch.	May 1, 1895, to May 1, 1900, December 22, 1897, to December 22, 1897. (Two years, with privilege of two renewals of ten years each.)	1,000 "	By public sale, April 14, 1897.	452.50
Land under water north of West One Hundred and Fifty-ninth street, Harlem river, extending northerly about 300 feet from the estate of William Lynch and about 350 feet in width from the established bulkhead-line westerly 123,500 square feet.	Manhattan Railway Company.	At pleasure of the Board.	5,000 per ann. 100 to 200 square feet of land.	By resolution, December 12, 1897, and November 13 and 14, 1897.	2,000.00
Float and runway at Two Hundred and First street.	Harry Broome.	At pleasure of the Board.	100 per ann. \$2,000 per ann. 100 to 200 square feet of land.	By resolution, May 14, 1898.	72.00
Land under water, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, about 50,475 square feet.	Third Avenue Railroad Company.	November 1, 1896, to November 1, 1906, with two renewal terms of ten years each.	40,475 sq. ft. 400-ft. term; 25,000 sq. ft. 100-ft. term; 15,475 sq. ft. 50-ft. term.	By public sale, November 14, 1897.	6,500.00
Bulkhead at One Hundred and Forty-ninth street.	Wilson, Adams & Co.	At pleasure of the Board.	200 per ann. 100 to 200 square feet of land.	By resolution, January 1, 1898.	100.00
Land under water near One Hundred and Forty-ninth street, about 8,268 square feet.	Clarell E. Gann & Co.	August 1, 1896, to August 1, 1906, with one renewal term of ten years.	250 per ann. 100 to 200 square feet of land.	By public sale, June 10, 1897, and resolution, July 10, 1897.	100.00
Bulkhead at Sherman's creek, and abut at same.	Consolidated Canal and Lake Company.	June 1, 1897, to May 1, 1907, with two renewals of ten years each.	100 per ann. 100 to 200 square feet of land.	By resolution, May 20, 1897, and September 3, 1897.	72.00
A portion of bulkhead at Lincoln avenue.	William Blumenauer.	At pleasure of the Board.	250 per ann. 100 to 200 square feet of land.	By resolution, July 11, 1897.	100.00
Flat and approach at Willow avenue, Port Morris.	Yonville Yacht Club.	At pleasure of the Board.	75 per ann.	By resolution, February 18, 1897.	27.20
Pier at Furtham avenue, Cley Island.	James R. Hankin.	May 1, 1895, to May 1, 1905.	100 "	By public sale, April 14, 1897.	72.00
Bulkhead platform at East Chestnut.	New York and Mount Vernon Steamboat Line.	At pleasure of the Board.	100 per ann.	By resolution, December 14, 1897.	100.00
Land under water for temporary platform between Barpenes and Hunt's Point (1,315 square feet).	Bloch & Dravinski.	At pleasure of the Board.	\$554.20 per ann.	By resolution, September 20, 1897.	100.00

PERMITS GRANTED BY THE BOARD FOR WHICH RENTAL IS COLLECTED BY THE DOCK MASTERS.

LOCATION.	PRIVILEGE.	BY WHOLESALE.	TERM OF TENANCY.	RENT.	WHEN GRANTED.
<i>North River.</i>					
Battery platform.	Landing steamer "Al Foster."	Al Foster Steamboat Co.	At pleasure of the Board.	\$5 per day.	March 26, 1897.
"	Landing steamer "Angler."	A. G. Foster.	"	100 "	" 1897.
"	Landing steamer "General Republic" and "General Steam."	Knickerbocker Steamboat Co.	"	100 per day, 100 per month.	" 1897.
"	Landing steamer "Morgan."	H. C. Granneman.	"	100 per day.	" June 21, 1897.
"	Landing steamer "Puma Market."	Stephen Winthrop.	"	100 "	" May 21, "
"	Landing steamer "J. B. Schuyler."	J. W. Hankin.	"	100 "	" May 20, 1897.
"	Landing steamer "Vision."	J. E. Briggs.	"	100 "	" June 15, "
Pier, new 25, N. R.	To pile asphalt on newly made land south of pier.	Southern Barge Co.	"	25 per month.	" 1897.
Pier, old 25, N. R.	Berth steamer "Holmdel."	Joseph Cornell.	"	100 per day.	" Feb. 27, "
"	Berth steamer "Wyckoff."	Matthew Prosser & Co.	"	100 "	" Mar. 10, 1897.
"	Berth steamer "Piedmont" and "Fannie Woodall."	George Morton.	"	100 per day, for each boat.	" Sept. 10, 1897.
West Tenth street, Oyster basin.	Berth for oyster boat.	W. Stringham.	"	100 per day.	" May 1, 1897.
"	"	Morgan Bros.	"	100 "	" "
"	"	J. J. Hausman.	"	100 "	" "
"	"	J. L. Merrill.	"	100 "	" "
"	"	Bedel & Merrill.	"	100 "	" "
"	"	W. Simonsen.	"	100 "	" "
"	"	J. & J. N. Ellsworth.	"	100 "	" "
"	"	Soll & Parsons.	"	100 "	" "
"	"	Van Orden Bros.	"	100 "	" June 25, 1897.
"	"	L. S. Lake.	"	100 "	" Aug. 27, "
"	"	R. E. Williams.	"	100 "	" "
"	"	J. W. Boyle.	"	100 "	" 1897.
"	"	L. P. McSwain.	"	100 "	" "
"	"	Mathew Foster.	"	100 "	" "
"	"	Alex. Frazer.	"	100 "	" "
Pier, old 27.	Landing steamer "Magenta."	Joseph Cornell.	"	100 "	" Feb. 28, "
"	Berth for boats.	N. Y. and Long Branch Steamboat Co.	"	100 per day for each boat.	" Apr. 1, "
"	Berth for canal boat.	Eaton & McMahon Transportation Co.	"	100 per day.	" Aug. 15, "
Pier 58 1/2.	Berth for "Little Silver."	N. Y. and Mount Vernon Steamboat Co.	"	100 "	" Apr. 1, "
Pier at West Nineteenth street.	Use of dumping-board.	Brown & Fleming.	"	100 "	" Mar. 10, 1897.
Pier at West Twentieth street.	Berth for bath.	M. C. Dexter.	"	100 "	" Apr. 1, 1897.
Bulkhead between Piers, new 58 and 59.	Pile brick on newly made land.	Edna Harrow.	"	100 per large load per month.	" Dec. 16, "
West Twenty-ninth street.	Pile brick on newly made land.	Hosgood, Robinson & Vaughan.	"	100 per large load per month.	" "
Bulkhead between Piers, new 59 and 60.	Place coal dust on newly made land.	Stokes & Thedford.	"	100 per month.	" July 8, "
Pier at West Thirty-fifth street.	Berth for boat.	Joseph May.	"	100 "	" Aug. 5, "







## APPORTIONMENT OF AUDITED DISBURSEMENTS, MAY 1 TO DECEMBER 31, 1897.

To the Board of Docks:

GENTLEMEN—The following "Apportionment of the Audited Disbursements of the Department from May 1 to December 31, 1897," is respectfully submitted, in accordance with resolution of December 23, 1897, viz.:

## ON CONSTRUCTION ACCOUNT.

	LENGTH COMPLETED TO DATE, FEET.	MAY 1 TO DECEMBER 31.	TO DATE.
<i>Bulkhead Wall and Improvements Rear of it.</i>			
Bulkhead and boat-landing east of Pier "A".....	171.00		
Breakwater at boat-landing east of Pier "A".....		\$1,010.41	\$1,010.41
Bulkhead from a point south of Pier "A" to a point north of Pier, new 1, North river.....	970.00		
At Cedar Street Section—Resolution November 29, 1893.....			189.44
At Dey Street Section—Resolution June 20, 1895.....	20.00	13.73	9,917.56
At West Washington Market Section—Resolutions February 6, 1895, and July 9, 1895.....	218.17		975,357.33
At Warren Street Section—Resolution May 25, 1893.....	40.00		73,500.61
At Chambers Street Section—Resolutions November 24, 1897, and November 27, 1898.....	437.00		844,077.09
At Jay Street Section—Resolutions September 13, 1891, and January 29, 1892.....	410.57		86,407.43
At Franklin Street Section—Resolutions October 6, 1893, and November 13, 1895.....	448.00		13,200.73
At North Moore Street Section—Resolution April 28, 1896.....	109.55		
At Beach Street Section—Resolution July 16, 1899.....	107.00		
At Lough Street Section—Resolutions July 25 and November 10, 1890, September 20, 1892 and July 23, 1893.....	193.43		
At Canal Street Section—Resolution December 20, 1893.....	114.74	90.00	73,099.73
At Canal Street Section—Resolution June 17, 1897.....	111.74		
At Spring Street Section—Resolution September 7, 1897.....	100.00		
At Chariton Street Section—Resolution September 5, 1899.....	40.00		144,010.48
At King Street (old) Section.....	145.41		
At King Street (new) Section—Resolution July 26, 1896.....	114.10		
At Clarkson Street (lower) Section.....	159.57		
At Houston Street Section—Resolution December 20, 1893.....	109.59		
At Clarkson Street (upper) Section.....	100.51		
At Leroy Street Section—Resolution December 27, 1896.....	591.00		
At Morton Street Section—Resolution December 27, 1896.....	154.35		
At Christopher Street Section—Resolution September 26, 1897.....	6,094.22		
*At Perry Street Section—Resolution February 27, 1896.....	91.00	812.44	49,108.97
At Gansevoort Section—Resolutions October 15, 1895, and June 17, 1897.....	117.00	354,344.94	407,062.56
At West Twenty-third Street Section—South end—Resolutions November 5, 1895, and April 1, 1897.....	6,729.18	9,100.83	
At West Twenty-third Street Section—North end—Resolutions June 24, 1895, and April 8, 1897.....	816.47		
At West Thirty-first Street Section—Resolutions August 2 and September 19, 1893, and April 3, 1897.....	507.16		
At West Thirty-second Street Section—Resolution October 22, 1893, and April 8, 1897.....	315.00		179,160.19
At West Thirty-third Street Section—Resolutions February 20, 1895, and April 1, 1897.....	720.01		36,221.58
At West Thirty-fourth Street Section—Resolution March 11, 1897.....		841,004.30	97,097.31
At West Forty-third Street Section—Resolution September 5, 1891.....	899.07		89,910.10
At West Fifty-second Street Section—Resolutions October 6, 1893, February 6, 1895, and June 20, 1895.....	1,637.00	1,632.00	497,731.94
At West Fifty-ninth Street Section—Resolution August 6, 1893.....	750.00		40,723.17
At Stanton Street Section—Resolution March 1, 1893.....	475.07	79.75	172,000.34
At East Twenty-fourth Street Section—Resolutions April 25, 1890, and June 20, 1895.....	430.60		196,771.41
At East Twenty-fifth Street Section—Resolution October 27, 1892.....	476.94		79,900.20
At Bellevue Section—Resolutions April 25, 1893, and June 18, 1894.....	514.31		147,437.07
At East Fifty-ninth Street Section—Resolution May 3, 1894.....			1,035.30
At Section between East Seventy-sixth and East Seventy-eighth streets.....			10,475.44
At East Ninety-first Street Section—Resolutions May 25, 1893, and June 20, 1895.....	40.00	141.00	50,100.18
At East Ninety-ninth Street Section—Resolutions April 25, 1890, and June 18, 1895.....	514.19		116,003.19
At East Ninety-sixth Street Section—Resolution October 31, 1895.....	200.57		27,320.21
At East Ninety-ninth Street Section—Resolutions September 7, 1897, and June 20, 1895.....	940.00	3,779.00	32,100.10
At East One Hundred and Second Street Section—Resolutions July 17, 1890, and May 27, 1891.....	848.65		417,474.11
At East One Hundred and Tenth Street Section—Resolutions April 25, 1890, and June 18, 1895.....	750.83		110,977.34
At East One Hundred and Sixteenth Street Section—Resolution May 29, 1896.....	100.00	00.00	10,100.00
At East One Hundred and Twenty-fifth Street Section—Resolution March 26, 1899.....	100.70		100,937.83
<i>Crib-bulkhead and Improvements Rear of it.</i>			
Crib-bulkhead, from about the centre of West One Hundred and Thirty-fifth street to centre of block between West One Hundred and Thirty-sixth and West One Hundred and Thirty-seventh streets, North river.....			8,607.61
Crib-bulkhead, and reclaimed land and paved approaches rear of it, from East One Hundred and Thirty-eighth street to north of East One Hundred and Fortieth street, Harlem river.....			109,100.93
Crib-bulkhead, etc., in Sherman's creek, Harlem river.....			41,201.59
<i>New Marginal Street.</i>			
Paving street along North river water-front.....		28,051.54	\$216,384.14
Paving street along East river water-front.....		893.00	9,268.02
Paving street along Harlem river water-front.....		5,385.07	6,109.43
<i>Examination of Water-front for Future Construction.</i>			
Between East Eighteenth and East Twenty-second streets, East river.....			\$200.00
Survey of territory annexed under chapter 524, Laws of 1895 (Secretary's Order No. 16630).....		17,885.00	20,291.32
<i>Piers.</i>			
Pier, new 14, North river, near foot of Fulton street—Resolutions November 6, 1890, and April 26, 1894.....			\$465,595.42
Pier, new 15, North river, between Vesey and Barclay streets.....			69,500.20
Pier, new 20, North river, near foot of Chambers street, including extension to pierhead line of 1890.....		94.00	68,592.43
Pier, new 24, North river, near foot of Duane street, including extension to pierhead line of 1890.....		94.00	95,873.01
Pier, new 27, North river, at foot of Chariton street, including extension to pierhead line of 1890.....			110,088.79

\*Extension of the bulkhead line by U. S. Government made this work unnecessary.

	LENGTH COMPLETED TO DATE, FEET.	MAY 1 TO DECEMBER 31.	TO DATE.
Pier, new 41, North river, at foot of Leroy street.....			974,178.42
Pier, new 42, North river, at foot of Morton street, including extension to pierhead line of 1890.....			86,933.97
Pier, near foot of West Eleventh street, North river.....		60,166.28	85,166.28
Pier, near foot of Bank street, North river.....		25,455.20	76,437.20
Pier, near foot of Bathurst street, North river.....		14,774.94	16,774.94
Pier, at foot of Jane street, North river.....		5,880.22	5,880.22
Pier, near foot of Gansevoort street, North river.....		36,008.01	36,208.01
Temporary Pier, old 50½, North river, north of Gansevoort street.....		3,795.60	3,861.60
Temporary Pier, old 50½, North river, between Bloomfield and Little West Twelfth streets.....		1,079.87	8,342.59
Pier, old 39, North river, at foot of Little West Twelfth street, extension to pierhead line of 1890.....		4,300.03	4,310.03
Pier, new 31, North river, near foot of West Twenty-third street.....			17,018.52
Pier at foot of West Thirty-fourth street, North river.....			25.39
Pier at foot of West Fifth street, North river, including extension to pierhead line of 1897.....		189.81	20,770.03
Pier at foot of West One Hundred and Twenty-ninth street, North river, extension of.....		446.80	450.60
Pier at foot of West One Hundred and Twenty-ninth street, North river, passenger and freight shed.....		2,038.16	2,134.16
Pier at foot of West One Hundred and Thirty-second street, North river, extension of.....		30,840.92	31,514.47
Pier at foot of West One Hundred and Thirty-third street, North river, extension of.....		89.48	89.48
Pier at foot of West One Hundred and Fifty-eighth street, North river, extension of.....		104.84	104.84
Examination of water-front at West One Hundred and Sixty-fifth street for proposed pier.....		10.00	10.00
Improvement of the pier and approaches near foot of Catharine slip, known as Pier 37, East river, proprietary to construction of new pier.....			1,477.50
Pier 44, East river, at upper side of Rutgers street, rebuilding of.....			27.30
Pier at foot of East Eighteenth street, East river—Resolution January 30, 1894.....			60,410.18
Pier at foot of East Sixteenth street, East river—Resolution February 1, 1894.....			21,483.10
Pier at foot of East Forty-first street, East river—Resolution February 8, 1894.....			11,462.40
Pier at foot of East Sixty-second street, East river—Resolution February 9, 1894.....			11,652.53
Pier at East One Hundred and Twelfth street, Harlem river.....		9,181.20	9,347.47
Pier at foot of East One Hundred and Seventeenth street, Harlem river.....		440.28	15,514.10
Examination of water-front at foot of Fordham road, Harlem river, for proposed pier.....		24.77	24.77
Examination of water-front at Clinton's Point, East River, for proposed pier.....		61.10	61.10
Examination of water-front on westerly shore of Eastchester bay, foot of Willow line, for proposed pier.....		88.20	88.20
<i>Reconstruction Buildings—Chapter 291, Laws of 1894.</i>			
On Pier, new 41, North river, foot of Barrow street.....		1,040.00	83,135.05
On Pier at West Thirty-fourth street, North river. (Taken down and moved on Pier at West Thirty-fifth street).....			3,189.84
On Pier at West Fifty-fifth street, North river.....		1,094.40	7,000.40
On Pier at West Fifty-second street, North river.....			1,060.25
On Pier at East Third street, East river. (True sailing shed—Re-moved for larger structure).....			8,075.11
On Pier at East Third street, East river. (Recreation Building).....		41,000.79	79,000.00
On Pier at East Twenty-fourth street, East river.....		197,001.00	149,000.00
On Pier at East Thirty-third street, East river. (Specifications for).....			128.11
On Pier at East One Hundred and Twelfth street, Harlem river.....		1,007.00	1,007.00
<i>For Health Department.</i>			
Crib-bulkhead at Riker's Island.....		20.00	116,000.00
Dredging and extension of same at Riker's Island.....		1,000.00	1,000.00
Total.....		1,000.00	1,000.00

## ON REPAIRS AND MAINTENANCE ACCOUNT.

	REPAIRS, ETC.	AMOUNTS.	TOTALS.
Platform at Battery wall, near Barge Office.....	\$1,163.91		81,400.18
Boat landing and bulkhead-wall east of Pier "A," North river.....	733.97		733.97
Pier "A," near foot of Battery place, North river.....	1,140.79		1,140.79
Building on Pier "A," North river.....	7,357.28		7,357.28
Bulkhead-wall between Pier "A" and Pier, new 1, North river.....	92.90		92.90
Pier, new 1, near foot of Battery place, North river.....	44.86		44.86
Pier, new 14, at foot of Fulton street, North river.....			1,000.00
Pier, new 15, between Vesey and Barclay streets, North river.....			1,000.00
Bulkhead-wall at foot of Jay street, between Piers, new 20 and 21, North river.....			1,000.00
Temporary Pier at Canal street, North river.....	3,050.94		3,720.94
Pier, new 34, at foot of Canal street, North river.....			1,000.00
Pier, new 35, north of Spring street, North river.....			1,000.00
Pier, new 36, south of Chariton street, North river.....	30.00		30.00
Pier, new 37, at foot of Chariton street, North river.....			1,000.00
Pier, new 38, at foot of King street, North river.....			1,000.00
Pier, new 39, at foot of West Houston street, North river.....			1,000.00
Bulkhead wall between Piers, new 32 and new 40, North river.....	74.44		35.84
Pier, new 40, at foot of Clarkson street, North river.....	900.00		900.00
Pier, new 41, at foot of Leroy street, North river.....			1,000.00
Bulkhead-wall between Piers, new 41 and new 42, North river.....			1,000.00
Pier, new 42, at foot of Morton street, North river.....			1,000.00
Bulkhead-wall, between Piers, new 42 and new 43, North river.....			1,000.00
Pier, new 43, at foot of Barrow street, North river.....	1,179.00		5.29
Pier, new 44, at foot of Christopher street, North river.....			1,000.00
Pier, new 45, at foot of West Tenth street, North river.....			1,000.00
Bulkhead between West Tenth and Charles streets, North river.....			1,000.00
Pier, new 46, at foot of Charles street, North river.....			1,000.00



	RAVINS, ETC.	DREDGING.	TOTALS.		REPAIRS, ETC.	DREDGING.	TOTALS.
Approach to Pier, new 46 and new 47, North river.....	\$1,000 00	—	\$1,000 00	Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets, North river.....	—	—	—
Pier, new 47, between Charles and Perry streets, North river.....	—	\$1,700 00	\$1,700 00	Pier at foot of West One Hundred and Thirty-third street, North river.....	\$867 93	—	\$867 93
Pier, old 44, at foot of Perry street, North river.....	434 76	—	434 76	Pier at foot of West One Hundred and Thirty-fourth street, North river.....	67 71	—	67 71
Approach to pier at foot of Perry street, North river.....	5,417 48	—	5,417 48	Bulkhead and extension at foot of West One Hundred and Thirty-fifth street, North river.....	1 70	—	1 70
Pier, old 45, at foot of Governor street, North river.....	61 34	—	61 34	Pier at foot of West One Hundred and Thirty-sixth street, North river.....	3 79	—	3 79
Pier, old 47, south of Broad street, North river.....	213 22	—	213 22	Pier at foot of West One Hundred and Fifty-second street, North river.....	541 85	—	541 85
Bulkhead between Pier, old 49 and old 48, North river.....	119 32	—	119 32	Pier at foot of West One Hundred and Fifty-fifth street, North river.....	181 10	—	181 10
Pier, old 48, north of Blenheim street, North river.....	115 71	—	115 71	Pier at foot of West One Hundred and Fifty-eighth street, North river.....	1 79	—	1 79
Bulkhead between Pier, old 48 and old 49, North river.....	44 84	—	44 84	Pier, old 49, near foot of Broad street, East river.....	1 79	—	1 79
Pier, old 49, between Blenheim and Little West Twelfth streets, North river.....	20 00	—	20 00	Bulkhead between Pier, old 49 and old 50, East river.....	—	—	—
Pier, old 50, at foot of Little West Twelfth street, North river.....	108 14	—	108 14	Pier, old 50, near foot of Broad street, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	1 79	—	1 79	Bulkhead between Pier, old 50 and old 51, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	1 79	—	1 79	Pier, old 51, at lower side of Coenties Slip, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead between Pier, old 51 and new 52, East river.....	377 89	—	377 89
Pier at foot of West Twentieth street, North river.....	1 79	—	1 79	Pier, new 52, at upper side of Coenties Slip, East river.....	684 34	—	684 34
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 53, at lower side of Old Slip, East river.....	1 74	—	1 74
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead between Pier 53 and 54, at Old Slip, East river.....	—	\$36 84	\$36 84
Pier at foot of West Twentieth street, North river.....	—	—	—	Pharos lower half, near foot of Governor lane, East river.....	176 97	1,188 82	1,364 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 54, near foot of Governor lane, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 54, between Jones lane and Wall street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 55, at lower side of Wall street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 56, upper half, near foot of Maiden lane, East river.....	418 70	74 74	493 44
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead between Pier 56 and 57, East river.....	—	74 74	74 74
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 57, lower half, near foot of Maiden lane, East river.....	59 97	912 06	971 03
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 58, at lower side of Burling Slip, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead between Pier 58 and 59, at foot of Burling Slip, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 59, at upper side of Burling Slip, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 60, near foot of Fulton street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 61, near foot of Beekman street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 62, at foot of Peck Slip, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 63, near foot of Beek Slip, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 64, at foot of Duver street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 65, between Duver and Roosevelt streets, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier, old 66, at foot of James Slip, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 67, at foot of Oliver street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 68, at upper side of Cashin street, (Removed preparatory to improvement).....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead between Pier 68 and 69, East river.....	470 41	—	470 41
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 69, between Catherine Slip and Market street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier, new 70, at lower side of Market street, East river.....	370 74	—	370 74
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 71, at upper side of Market street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 72, between Market and Pike streets, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 73, near foot of Pike street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier, new 74, at upper side of Pike street, East river.....	305 18	—	305 18
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 75, between Pike and Rutgers streets, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 76, at lower side of Rutgers street, East river.....	691 30	—	691 30
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 77, at upper side of Rutgers street, East river.....	188 36	—	188 36
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 78, between Jefferson and Clinton streets, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 79, at foot of Clinton street, East river.....	760 13	—	760 13
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 80, at upper side of Governor Slip, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 81, near foot of Jackson street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 82, at foot of Jackson street, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of Cherry street, East river.....	—	—	—
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 83, near foot of Grand street, East river.....	108 01	—	108 01
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 84, near foot of Broome street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 85, at foot of Rivington street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier 86, between Rivington and Stanton streets, East river.....	356 10	303 93	660 03
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of Stanton street, East river.....	64 80	240 06	304 86
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Third street, East river.....	862 82	—	862 82
Pier at foot of West Twentieth street, North river.....	—	—	—	Crib-bulkhead at foot of East Fourth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of Fifth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of Sixth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of Seventh street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of Eighth street, East river.....	68 99	—	68 99
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Ninth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Tenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Eleventh street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twelfth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Thirteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Fourteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Fifteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Sixteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Seventeenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Eighteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Nineteenth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twentieth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-first street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Twenty-second street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-third street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-fourth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Twenty-fifth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-sixth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-seventh street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Twenty-eighth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Twenty-ninth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Bulkhead at foot of East Thirtieth street, East river.....	1 79	—	1 79
Pier at foot of West Twentieth street, North river.....	—	—	—	Pier at foot of East Thirty-first street, East river.....	1 79	—	1 79



	REPAIRS, ETC.	QUANTITIES	TOTAL.		REPAIRS, ETC.	QUANTITIES	TOTAL.
Pier at foot of East Thirty-second street, East river.	\$4.78	.....	40.78	Bulkhead at foot of East One Hundred and Thirty-seventh street, Harlem river.	\$42.28	.....	442.78
Pier at foot of East Thirty-third street, East river.	3.78	.....	3.78	Bulkhead at foot of East One Hundred and Thirty-eighth street, Harlem river.	102.28	.....	104.28
Pier at foot of upper half of East Thirty-fifth street, East river.	13.45	.....	13.45	Bulkhead at foot of East One Hundred and Thirty-ninth street, Harlem river.	24.28	.....	24.28
Bulkhead at foot of East Thirty-sixth street, East river.	3.78	.....	3.78	Pier at foot of East One Hundred and Thirty-ninth street, Harlem river.	751.25	.....	751.25
Pier at foot of East Thirty-seventh street, East river.	3.78	.....	3.78	Bulkhead at foot of East One Hundred and Fortieth street, Harlem river.	104.28	.....	104.28
Pier at foot of East Thirty-eighth street, East river.	112.08	.....	112.08	Pier at foot of East One Hundred and Fortieth street, Harlem river.	.....	.....	.....
Bulkhead extension and dump at foot of East Thirty-ninth street, East river.	167.44	.....	167.44	Water-front at foot of West One Hundred and Forty-first street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Fortieth street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Forty-second street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-first street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Forty-third street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-second street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Forty-fourth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-third street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Forty-fifth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-fourth street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Forty-sixth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-fifth street, East river.	3.28	.....	3.28	Water-front at foot of West One Hundred and Forty-seventh street, Harlem river.	34.28	.....	34.28
Pier at foot of East Forty-sixth street, East river.	.....	.....	.....	Water-front at foot of West One Hundred and Forty-eighth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-seventh street, East river.	140.44	.....	140.44	Water-front at foot of West One Hundred and Forty-ninth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-eighth street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Fiftieth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Forty-ninth street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Fifty-first street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Fiftieth street, East river.	.....	.....	.....	Water-front at foot of West One Hundred and Fifty-second street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Fifty-first street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Fifty-third street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Fifty-second street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Fifty-fourth street, Harlem river.	34.28	.....	34.28
Bulkhead at foot of East Fifty-third street, East river.	170.57	.....	170.57	Platform foot of Seventh avenue, Harlem river.	4441.71	.....	4441.71
Crib-bulkhead at foot of East Fifty-fourth street, East river.	3.78	.....	3.78	Water-front at foot of West One Hundred and Fifty-fifth street, Harlem river.	34.28	.....	34.28
Pier at foot of East Sixtieth street, East river.	78.08	.....	78.08	Platform at Depot place, Harlem river.	.....	.....	.....
Platform between East Sixtieth and East Sixty-first streets, East river.	22.51	.....	22.51	Water-front at foot of East One Hundred and Thirty-eighth street, Port Morris.	.....	.....	.....
Pier at foot of East Sixty-first street, East river.	81.04	.....	81.04	Platform, formerly known as the "Iron Dock," West Passaic, Jersey City.	84.73	.....	84.73
Platform between East Sixty-first and East Sixty-second streets, East river.	95.88	.....	95.88	Platform, formerly known as the "Iron Dock," at foot of present street, Jersey City, Westchester street.	41.41	.....	41.41
Pier at foot of East Sixty-second street, East river.	715.95	.....	715.95	Bulkhead at foot of Ninth street, Westchester creek.	864.81	.....	864.81
Platform between East Sixty-second and East Sixty-third streets, East river.	.....	.....	.....	Pier at foot of Third street, Westchester creek.	47.47	.....	47.47
Bulkhead at foot of East Sixty-third street, East river.	3.78	.....	3.78	Pier at foot of Willow lane, between Freshwater Bay and Throgs Neck.	57.59	.....	57.59
Bulkhead at foot of East Sixty-fourth street, East river.	3.78	.....	3.78	Pier at Freshwater avenue, City Island.	48.97	.....	48.97
Bulkhead at foot of East Sixty-fifth street, East river.	.....	.....	.....	Marginal street, along North river—Pavement repaired.	3,047.07	.....	3,047.07
Bulkhead at foot of East Sixty-sixth street, East river.	.....	.....	.....	Marginal street along Harlem river—Pavement repaired.	104.86	.....	104.86
Bulkhead at foot of East Sixty-seventh street, East river.	.....	.....	.....	Cleaning the wharves, piers and bulkheads, north of slip and yard at street and piers by law common to the custody and control of the Department of Parks, as provided by Section 7, chapter 205, Laws of 1912.	.....	.....	.....
Bulkhead at foot of East Sixty-eighth street, East river.	.....	.....	.....	Removing dirt and rubbish for 12 weeks.	86,780.90	.....	86,780.90
Bulkhead at foot of East Sixty-ninth street, East river.	.....	.....	.....	Removing snow and ice.	215,945	.....	215,945
Bulkhead at foot of East Seventieth street, East river.	.....	.....	.....	Sprinkling the marginal street along North river.	391.08	.....	391.08
Bulkhead at foot of East Seventy-first street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-second street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-third street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-fourth street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-fifth street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-sixth street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-seventh street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-eighth street, East river.	.....	.....	.....				
Bulkhead at foot of East Seventy-ninth street, East river.	.....	.....	.....				
Bulkhead at foot of East Eightieth street, East river.	.....	.....	.....				
Bulkhead at foot of East Eighty-first street, East river.	.....	.....	.....				







RECORD OF WHARF PROPERTY ACQUIRED BY DEPARTMENT SINCE ITS ORGANIZATION TO DECEMBER 31, 1897, SHOWING FROM WHOM AND HOW ACQUIRED, THE AMOUNT PAID THEREFOR AND THE DATE WHEN PAID FOR.

	For PROPERTY.	For Interest, Costs, Law Charges, Etc.	For Fines and Expenses of Commissions.	TOTAL.
<b>ON NORTH RIVER.</b>				
<i>Between Vagg and Barclay Streets.</i>				
North half of Pier, old 27, south half of Pier, old 24, and the bulkhead, 109 feet 8 inches in length, between and in rear of same, acquired April 6, 1896, by agreement, from James Crutcher, Trustee.	\$200,110.00	\$472.93	.....	\$200,582.93
<i>Between Murray and Warren Streets.</i>				
Bulkhead, 150 feet in length, acquired December 4, 1894, by agreement, from Charles F. Choate. Price per foot, \$500.	75,000.00	350.30	.....	75,350.30
Bulkhead, 20 feet 6 inches in length, acquired January 24, 1895, by agreement, from Charles Drake.	14,750.00	91.70	.....	14,841.70
<i>Between Warren and Chambers Streets.</i>				
Bulkhead, 190 feet in length, taken by Department in 1876 for improvement. Payment therefor made July 20, 1894, to the New York Life Insurance and Trust Company, as Trustee for Charles C. Delaplaine, in accordance with judgment of Supreme Court. Price per foot, \$500.	95,000.00	88,812.47	.....	183,812.47
<i>Between Jay and Harrison Streets.</i>				
North half of Pier, old 22, south half of Pier, old 24, and the bulkhead, 207 feet 6 inches in length, between and in rear of same—old known as the "Jay Street Basin," acquired October 20, 1895, by agreement, from the West Shore and Ontario Terminal Company.	250,000.00	16,252.08	.....	\$75,252.08
<i>Between Harrison and Franklin Streets.</i>				
Bulkhead, 25 feet in length, acquired July 26, 1896, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from Charles Welsh and William D. Bell. Price per foot, \$600.	15,000.00	.....	\$6,779.40	15,779.40
Bulkhead, 200 feet in length, acquired February 21, 1895, by agreement, from Emily V. Clarkson and others. Price per foot, \$500.	100,000.00	592.55	.....	100,592.55
<i>Between Franklin and North Moore Streets.</i>				
Bulkhead, 57 feet 6 inches in length, and north half of Pier, old 25, acquired December 16, 1894, by agreement, from William L. Siddons and others. Price per foot, \$500.	28,500.00	101.72	.....	28,601.72
Bulkhead, 87 feet 6 inches in length, acquired December 16, 1894, by agreement, from Charles F. Scoullard.	43,500.00	181.80	.....	43,681.80
<i>Between North Moore and Beach Streets.</i>				
Bulkhead, 25 feet in length, acquired December 23, 1894, by agreement, from the Southern Development Company. Price per foot, \$500.	12,500.00	75.16	.....	12,575.16
Bulkhead, 102 feet in length, acquired June 26, 1897, by agreement, from the Old Dominion Steamship Company. Price per foot, \$500.	51,000.00	112.85	.....	51,112.85
<i>Between Beach and Hubert Streets.</i>				
Bulkhead, 200 feet in length, taken by Department in 1876 for improvement. Payment therefor made January 11, 1897, to Theodore Timpon and others, executors of the estate of William Lamberton, in accordance with judgment of Supreme Court. Price per foot, \$500.	100,000.00	84,997.30	.....	184,997.30
Bulkhead, 50 feet in length, acquired December 16, 1894, by agreement, from Ogden Brower and Charles De Hart Brower. Price per foot, \$500.	25,000.00	112.77	.....	25,112.77
Bulkhead, 50 feet in length, acquired December 16, 1894, by agreement, from John LeRoy Brower and Abraham T. H. Brower. Price per foot, \$500.	25,000.00	125.25	.....	25,125.25
<i>Between Hubert and Light Streets.</i>				
Bulkhead, 57 feet in length, taken by Department in 1876 for improvement. Payment therefor made December 12, 1895, to Anne A. F. Hubert and Mary A. Kirtleman, in accordance with judgment of Supreme Court. Price per foot, \$500.	28,500.00	3,111.87	.....	29,611.87
<i>Between Watts and Canal Streets.</i>				
Bulkhead being acquired under condemnation proceedings.	.....	2,603.09	.....	2,603.09
<i>Between Spring and Charlton Streets.</i>				
Bulkhead, 40 feet 6 inches in length, taken by Department in 1876 for improvement. Payment therefor made November 25, 1895, to Cornelius F. Kingsland and others, in accordance with judgment of Supreme Court. Price per foot, \$450.	18,225.00	10,479.85	.....	28,704.85
Bulkhead, 40 feet in length, taken by Department in 1876 for improvement. Payment therefor made January 21, 1894, to Thomas Lennane and John Mooney, Trustees, in accordance with judgment of Supreme Court. Price per foot, \$500.	20,000.00	14,811.00	.....	34,811.00
Bulkhead, 45 feet 2 inches in length, acquired March 6, 1895, by agreement, from Mary T., Elizabeth V., and Jacob H. V. Crockett. Price per foot, \$550.	24,887.50	89.55	.....	24,977.05
Bulkhead, 49 feet 6 inches in length, taken by Department in 1880 for improvement. Payment therefor made June 9, 1897, to James Lawrence, in accordance with judgment of Supreme Court. Price per foot, \$550.	27,175.00	27,915.47	.....	55,090.47
Bulkhead, 45 feet 6 inches in length, and including Pier, old 44, acquired September 5, 1896, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from William Lennane.	225,000.00	.....	\$2,000.00	227,000.00
Bulkhead, 50 feet in length, acquired March 6, 1895, by agreement, from William E. Dodge, Jr., and D. Willis James. Price per foot, \$550.	27,500.00	78.10	.....	27,578.10
Bulkhead, 104 feet 3 inches in length, taken by Department in 1880 for improvement. Payment therefor made December 22, 1895, to William M. Kingsland, Trustee, etc., in accordance with judgment of Supreme Court. Price per foot, \$500.	52,125.00	10,144.81	.....	62,269.81
<i>Between King and West Houston Streets.</i>				
*Bulkhead, 45 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Matthew Wilkes and wife, in accordance with judgment of Supreme Court. Price per foot, \$600.	15,000.00	17,092.09	.....	32,092.09
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Matthew Wilkes, in accordance with judgment of Supreme Court. Price per foot, \$600.	30,000.00	32,520.75	.....	62,520.75

\* Known as the Langdon suits.

	For PROPERTY.	For Interest, Costs, Law Charges, Etc.	For Fines and Expenses of Commissions.	TOTAL.
<i>Between West Houston and Clarkson Streets.</i>				
*Bulkhead, 75 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Marion Carroll, in accordance with judgment of Supreme Court. Price per foot, \$600.	45,000.00	45,052.06	.....	90,052.06
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Woodbury L. Langdon, in accordance with judgment of Supreme Court. Price per foot, \$600.	30,000.00	30,448.50	.....	60,448.50
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Louis D. Kane, and the New York Life Insurance Company, as for trustees, in accordance with judgment of Supreme Court. Price per foot, \$600.	30,000.00	27,881.78	.....	57,881.78
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Louis D. Kane, in accordance with judgment of Supreme Court. Price per foot, \$600.	30,000.00	16,544.50	.....	46,544.50
<i>Between Clarkson and Leroy Streets.</i>				
Bulkhead, 75 feet in length, taken by Department in 1876 for improvement. Payment therefor made November 6, 1895, to Daniel H. Lord, in accordance with judgment of Supreme Court. Price per foot, \$600.	45,000.00	45,092.73	.....	90,092.73
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Woodbury L. Langdon, in accordance with judgment of Supreme Court. Price per foot, \$600.	30,000.00	28,518.03	.....	58,518.03
*Bulkhead, 75 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1895, to Cecilia L. Northwick, in accordance with judgment of Supreme Court. Price per foot, \$600.	45,000.00	40,534.29	.....	85,534.29
<i>Between Leroy and Marion Streets.</i>				
Bulkhead, 75 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made March 22, 1895, to William L. Gray, in accordance with judgment of Supreme Court. Price per foot, \$450.	33,750.00	11,739.20	.....	45,489.20
Bulkhead, 25 feet and 6 inches in length, taken by Department in 1876 for improvement. Payment therefor made March 22, 1895, to Thomas S. Clarkson and others, in accordance with judgment of Supreme Court. Price per foot, \$475.	12,500.00	10,107.50	.....	22,607.50
<i>Between Marion and Barrett Streets.</i>				
Bulkhead, 75 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean and Mary F. Oulstead, in accordance with judgment of Supreme Court. Price per foot, \$500.	37,500.00	45,288.70	.....	82,788.70
Bulkhead, 25 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean, in accordance with judgment of Supreme Court. Price per foot, \$500.	12,500.00	10,099.01	.....	22,599.01
Bulkhead, 25 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean, in accordance with judgment of Supreme Court. Price per foot, \$500.	12,500.00	10,099.01	.....	22,599.01
Bulkhead, 75 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean, in accordance with judgment of Supreme Court. Price per foot, \$500.	37,500.00	40,491.70	.....	77,991.70
<i>Between Charles and Ferry Streets.</i>				
Bulkhead, 200 feet in length, now being acquired from the Farmers' Loan and Trust Company, Trustees, etc.	.....	.....	\$800.00	800.00
<i>Between Ferry and West Eleventh Streets.</i>				
Bulkhead, 20 feet and 6 inches in length, acquired January 5, 1895, by agreement, from George H. Badger. Price per foot, \$475.	4,000.00	75.25	.....	4,075.25
Bulkhead, 21 feet in length, acquired July 27, 1895, by agreement, from Charles N. and Emily F. Lane. Price per foot, \$450.	10,500.00	84.55	.....	10,584.55
Bulkhead, 23 feet and 3 inches in length, acquired December 16, 1894, by agreement, from Henry Chastain. Price per foot, \$450.	10,500.00	354.43	.....	10,854.43
Bulkhead, 45 feet 6 inches in length, acquired February 3, 1897, by agreement, from Leslie Brockner Tyte. Price per foot, \$450.	20,250.00	1,218.00	.....	21,468.00
<i>Between West Eleventh and Bank Streets.</i>				
Block between West Eleventh and Bank streets and West street and Thirteenth avenue, now being acquired under condemnation proceedings.	.....	.....	9,500.45	9,500.45
<i>Between Bank and Bethune Streets.</i>				
South half of block, now being acquired under condemnation proceedings.	.....	.....	22,028.00	22,028.00
North half of block between Bank and Bethune streets, and West street and Thirteenth avenue, acquired June 2, 1896, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from Louis M. Gerry and Thomas G. Patterson, etc.	.....	.....	.....	.....
Bulkhead, 200 feet 2 1/2 inches, at \$500 per foot, ..... \$100,714.57	.....	.....	.....	.....
Land, buildings, fixtures, etc., ..... 473,073.80	.....	.....	.....	.....
	579,818.48	1,250.27	9,527.45	589,015.20
<i>Between Bethune and West Twelfth Streets.</i>				
Block between Bethune and West Twelfth streets, and West street and Thirteenth avenue, acquired September 17, 1897, in accordance with report of Commissioners of Estimate and Assessment, from Emily J. DeForest, etc.	.....	.....	.....	.....
Bulkhead, 100 feet in length at \$500 per foot, ..... \$50,000.00	.....	.....	.....	.....
Land, buildings, fixtures, etc., ..... 89,785.00	.....	.....	.....	.....
	89,785.00	47,580.07	10,715.41	148,080.48

\* Known as the Langdon suits.



	For Property.	For Extra- ord. Costs, Law Charges, Etc.	For Fees and Expenses of Commis- sioners.	Total.		For Property.	For Extra- ord. Costs, Law Charges, Etc.	For Fees and Expenses of Commis- sioners.	Total.
<i>Between West Twelfth and East Streets.</i>					<i>Between West Fifty-fourth and West Fifty-fifth Streets.</i>				
Block between West Twelfth and East Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from the Wallbrook Land Company, Inc. Price per foot, \$10.00. (Including buildings, etc.)	20,000.00	1,000.00	1,000.00	22,000.00	Blockhead, etc., 100 feet in length, acquired October 9, 1901, in accordance with judgment of Supreme Court, from Henry S. and Alexander H. Mott, in settlement of alleged rights	7,500.00	1,000.00	1,000.00	9,500.00
<i>Between East and Fourth Streets.</i>					<i>Between West Sixty-fourth and West Sixty-fifth Streets.</i>				
Block between East and Fourth Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from James M. Barry, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Property opposite Riverside Park, being acquired by condemnation proceedings, under the provisions of chapter 122, Laws of 1894	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between Fourth and Gansevoort Streets.</i>					<b>ON EAST RIVER.</b>				
Block between Fourth and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	<i>Between Catherine St. and Market Street.</i>				
<i>Between East and Gansevoort Streets.</i>					Bulkhead, etc., 100 feet in length, acquired April 27, 1889, by agreement from William S. Brown and others				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Property at foot of north half of East One Hundred and Fourteenth cross-walk of high-water mark, acquired June 11, 1895, by agreement from Oliver Bryan	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between Market and East Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, including Pier 29, being acquired under condemnation proceedings	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<i>Between East and Gansevoort Streets.</i>				
Block between East and Gansevoort Streets, and West Street and East Street, acquired December 20, 1895, in accordance with report of Commissioners of Estimate and Assessment, from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	10,000.00	1,000.00	1,000.00	12,000.00	Blockhead, etc., 100 feet in length, including Catherine St. and Market Street, acquired December 20, 1895, by agreement from John S. May, Inc. Price per foot, \$10.00. (Including buildings, etc.)	1,000.00	1,000.00	1,000.00	3,000.00
<i>Between East and Gansevoort Streets.</i>					<				



from the Commissioners of the Sinking Fund a franchise to operate a ferry between Jersey City and this part of New York City, have completed a very handsome and very fully equipped ferry-house and ferry-rack, and the ferry has been put in operation.

**Transfer Bridge of Baltimore and Ohio Railroad Company.**—Between Piers, new 55 and 56, a transfer bridge is being erected by the Baltimore and Ohio Railroad Company to afford access to the railroad yards easterly of the marginal street.

**West Thirty-fourth Street Section.**—The Board, by unanimous resolution passed on the 11th of March, 1897, directed a bulkhead or river wall to be built in front of the northerly half of the block between West Thirty-third and Thirty-fourth streets, and at the foot of West Thirty-fourth street, and an equivalent length of about fifty-three feet has been completed.

An application having been made to the Board by a transatlantic steamship line for a pier at the foot of West Thirty-fourth street of greater length than 500 feet, the pierhead line in this locality was modified by the Secretary of War so that piers 700 feet in length could be built, and a pier will shortly be begun at the foot of Thirty-fourth street.

**Pier at West Fifth Street.**—A contract has been prepared for repairing and extending the pier at West Fifth street, and it is proposed to erect a recreation building thereon.

#### EAST RIVER.

**East Third Street.**—Under chapter 298 of the Laws of 1892 the Board designated and set aside the pier at the foot of East Third street, East river, for the use of the inhabitants of the city as a recreation pier. Edward H. Kendall was appointed Consulting Architect to the Department under the provisions of the above-mentioned statute, and prepared plans and specifications for a building of steel 300 feet long and 50 feet wide, the floor to be 19 feet above the deck of the pier, which is to be used as a place for healthful recreation by the inhabitants of the city. The building of this recreation structure was done under Contract No. 575, and the structure was formally opened on June 26, 1897. A contract has since been let for inclosing the structure for winter use.

**East Twenty-fourth Street Pier.**—Under chapter 298, Laws of 1892, the Board designated and set aside the pier at the foot of East Twenty-fourth street, East river, for the use of the inhabitants of the city for a recreation pier. The pier was prepared and a foundation built for the recreation structure under Contract No. 591. On these foundations the recreation building was erected under Contract No. 590. This building is also being inclosed for winter use under Contract No. 615.

**East Ninety-first Street Section.**—Some work of filling behind the bulkhead or river wall has been done during the eight months to grade.

**East Ninety-ninth Street Section.**—This section having been built far enough to the southward to permit filling in, the filling has been put in as far as practicable. Arrangements have been made with the New York and College Point Ferry Company to move their ferry racks, etc., and the wall will shortly be completed at this section.

**Pier One Hundred and Twelfth Street, H. R.**—At One Hundred and Twelfth street a new pier is in course of construction under Contract No. 605, and it is proposed, as soon as the pier is completed, to erect thereon a recreation structure.

**East One Hundred and Sixteenth Street Section.**—The newly made land at this section has been paved under Contract No. 588. A pier about 50 feet wide by 106 feet long having been built last year for the use of the Manhattan State Hospital buildings, waiting rooms, ambulance station, etc., are now in course of construction by the hospital on the pier and bulkhead adjoining.

**Sherman's Creek, H. R.**—An additional cribwork extending for a distance of about 767 feet has been completed under Contract No. 554. The filling-in in the rear of this easterly stretch of cribwork is in progress. The material of rock and sand is dredged from the area in front of the crib and placed in the rear of the bulkhead with an unloader placed on top of the cribwork. The removal of the rock and sand is being done to give a depth of twenty feet below mean low water in the basin adjoining the crib.

#### TEMPORARY WORK OF CONSTRUCTION UNDER "NEW PLAN."

**Piers, old 58½, 58½ and 59, N. R.**—Immediately in front of the new West Washington Market, between Gansevoort and Blomfield streets, two small piers designated as Pier, old 58½, and Pier, old 58½, North river, have been built under Contract No. 569, in order to afford accommodation for small boats in that vicinity, and Pier, old 59, has been extended about fifty-one feet under Contract No. 574 for the same purpose.

#### WORK OF CONSTRUCTION NOT UNDER "NEW PLAN."

**Pier at West One Hundred and Twenty-ninth Street, N. R.**—A contract has been prepared for extending and repairing this pier, and it is proposed to erect thereon a freight and passenger shed as soon as the extension is completed.

**Pier at West One Hundred and Thirty-second Street.**—The pier has been extended about 200 feet under Contract No. 572.

**Riker's Island, H. R.**—The pier at the northerly end of the island has been extended and extensively repaired.

**Two Hundred and Sixteenth to Two Hundred and Eighteenth Streets, H. R.**—A lease has been made to the Third Avenue Railroad Company for certain lands under water situated between these two streets, and they have built a cribwork bulkhead upon it, under permit from the Board of Docks.

**One Hundred and Thirty-eighth Street, H. R.**—Filling is being placed west of Girard avenue on the easterly side of Harlem river by Jordan L. Mott under permit from the Board.

**Morris Heights.**—Various extensions, platforms and improvements have been made at Morris Heights on the Harlem river by the Gas Engine and Power Company, owners of the premises, and some similar work has been done by the New York Yacht Engineering Company in the same vicinity under permit from the Board.

**One Hundred and Fifth Street, H. R.**—Buildings were erected on the easterly side of the Harlem river by the Barber Asphalt Company, owners of the property, under permit of the Board.

#### BRONX KILLS.

**Willow Avenue.**—Filling is being done in the vicinity of Willow avenue and the Bronx Kills by the New York, New Haven and Hartford Railroad Company and also by the Port Morris Land and Improvement Company.

**Willow to Walnut Avenue.**—A retaining structure is being erected from Willow to Walnut avenue in the Bronx Kills by the Port Morris Land and Improvement Company under permit of the Board of Docks.

**Oak Point to Bronx River.**—The water front in this vicinity is being improved by filling in, etc., from time to time by the East Bay Land Improvement Company under permit of the Board of Docks.

#### GENERAL REPAIRS.

Extensive repairs have been made to piers, bulkheads, etc., during the eight months covered by this report. A detailed statement of them is given in the appendix.

#### FLOATING PROPERTY.

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

#### SURVEYING FORCE.

An accurate and extensive survey of all the water front of the city in the recently annexed portion, easterly of the Bronx river, is being made. Over two miles of line have been run along the water front and up the larger creeks, and their positions carefully noted.

In connection with this survey 27,278 soundings and 15,500 levels have been taken.

The line of high-water mark has also been determined.

Records and maps of these surveys, etc., have been made.

Automatic tide gauges have been established for determining the local mean high water and mean low water at Clason's Point, Fort Schuyler, Throggs Neck, Westchester "Town Dock," Pelham Bridge and City Island.

Base line and bench marks have been verified from time to time in connection with the construction of the bulkhead-wall at the different sections on 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 been given on contract work for general repairs and for construction. 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 910,000 lineal feet of water front. The surveys have been plotted and put on file in this office, and tracings have been prepared therefrom. All the rod and disc soundings necessary for general repairs and examinations before and after dredging have been taken, 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 that has been done by the Department have been kept, and from them the monthly reports, statements, 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 and East Twenty-fourth Street Yards, have been attended to and the records preserved.

#### DEPARTMENT YARDS.

**West Fifty-seventh Street Yard.**—3,000 barrels of Portland cement have been received at this yard for the work of the Department. 56 base blocks for bulkhead or river wall, containing nearly 1,891 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 keels have been made on the Department testing machine. The yard has been maintained in good order and condition.

**East Twenty-fourth Street Yard.**—2,511 barrels of Portland cement were received and stored for the Department use. Granite has been received and issued under various contracts. Stores and supplies have been received and issued as necessary, and the yard has been maintained in good order and condition.

**Timber Basin.**—The timber furnished under various contracts has been received, issued and inspected at the timber basin.

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 eight months.

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

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

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 eight months.

A table of wharfage room made during the eight months 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. Craighill, General C. B. Constock, 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 in 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.

On 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 Bungey street; also around Blackwell's, Randall's and Ward's Islands, and the entire 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 21, 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 Bungey 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. Eldins, Secretary of War, 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 Barrett's and Hunt's Point.

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. Eldins, 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 Drive-way.

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 26, 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 Throggs 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 20, 1894.

On the East river and Harlem river the lines established conform substantially with the lines fixed or proposed by this Department, except from East Ninety-fourth street to East One Hundredth 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 was thrown out into the river so that the local authorities could extend the length of the piers various distances, in the maximum to about 155 feet beyond the line established.

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

On the 21st day of January, 1897, the Board of Docks made application to the Secretary of War for a modification of the pierhead-line of 1890, from West Twenty-third street to West Eighty-first street, and on the 26th day of February, 1897, the Harbor Line Board submitted a report to the Secretary of War, recommending a change from West Twenty-third street to West Eighty-first street, of which the following is the technical description:

"Beginning at a point in the pierhead-line on the easterly side of the North or Hudson river, established by the Secretary of War, April 25, 1890, at its intersection with the westerly prolongation of the northerly line of West Twenty-third street, distant 767 feet westerly from the easterly side of Thirteenth avenue, running thence northerly in a straight line to a point in the westerly prolongation of the southerly side of West Thirtieth street, distant 1,750 feet from the westerly side of Eleventh avenue; thence in a straight line parallel with and distant 1,750 feet from the westerly side of Eleventh avenue to the westerly prolongation of the northerly side of West Sixty-first street, and thence in a straight line to the intersection of the westerly prolongation of the northerly side of West Eighty-first street and the pierhead-line established by the Secretary of War, April 25, 1890."



This report was approved by the Secretary of War, Hon. Daniel S. Lamont, on the 2d day of March, 1897.

It has modifications of very great value to the Department, because it permits the building of piers 700 feet long from West Thirtieth to West Forty-fourth street, instead of 500 feet long, which was all that was permitted under the pierhead-line of 1890.

On the 20th day of March, 1897, the Board of Docks applied to the Secretary of War, Hon. Russell A. Alger, for a modification of the pierhead-line of 1890, from West Thirtieth street on the southerly side to the Battery. The Harbor Line Board submitted a report to the Secretary of War recommending the change asked for by the Board of Docks.

This report was approved by the Secretary of War, May 18, 1897.

#### NEW PLAN MAPS AND CHANGE IN PIER LINES.

On May 20, 1897, the Board of Docks made a new plan for the alteration and amendment of the plan improving the water front and harbor of the City of New York, as determined by the Department of Docks April 13, 1874, and adopted by the Commissioners of the Sinking Fund April 27, 1874, on the North river, between the northerly side of Pier, new 48, near the foot of Charles street, and the northerly side of West Twenty-third street. This action of the Board of Docks was approved by the Commissioners of the Sinking Fund June 14, 1897.

It is in accordance with this plan that the improvements on the Gansevoort section are being carried out.

On October 27, 1897, the Board of Docks changed the width of the pier at the foot of Jane street from 100 feet to 110 feet. This change was approved by the Commissioners of the Sinking Fund November 9, 1897.

On October 28, 1897, the Board of Docks changed the length, width and location of Pier, new 18, at the foot of Murray street so as to include the lines of present Pier, old 28. This change was approved by the Commissioners of the Sinking Fund November 9, 1897.

On November 15, 1897, the Board of Docks changed the lines for the pier near the foot of West Twenty-sixth street, North river, so as to widen it on the southerly side at the inshore end of the pier. This change was approved by the Commissioners of the Sinking Fund November 24, 1897.

On April 1, 1897, the Board of Docks changed the lines for the pier at the foot of East Twenty-sixth street, East river, so as to widen it on the northerly side at the inshore end of the pier for the accommodation of the New Morgue. This change was approved by the Commissioners of the Sinking Fund August 9, 1897.

The equivalent length built of the city's bulkhead or river wall on the North river for the eight months is 439 feet; on the East river and Harlem river no increase has been made, making a total of 439 feet.

The total length of bulkhead or river wall completed on the granite course under the coping, is as follows:

On the North river.....	13,173 feet.
On the East river.....	2,706 "
On the Harlem river.....	2,072 "
<b>Total.....</b>	<b>17,951 feet.</b>

Of this amount 677 54 feet have been built by private parties. Two new piers have been built on the North river and two piers extended. On the East river one new platform has been built and one extended.

The total new wharfage room made during the eight months by the City and private parties is about 4,072 feet, and the superficial area of the piers has been increased 19,870 square feet.

The following is a statement of the sections of the bulkhead or river wall under the charge and supervision of the Engineer-in-Chief:

#### NORTH RIVER.

**Battery Section.**—Reinforcing the boat landing, Pier "A," Pier, new 1, North river, and about eighty feet of bulkhead north of Pier, new 1.

This section was completed in 1876.

**Dey Street Section Extended.**—Extending twenty feet southerly of the southerly end of Dey street section.

Under resolution of the Board, June 20, 1895, a section of the bulkhead or river wall, twenty feet in length, immediately south of the Dey street section was built in 1896 and the new-made land paved.

**Dey Street Section.**—Extending from the south end of West Washington Market section at the middle of Dey street about 420 feet southerly.

This section was built under the provisions of chapter 397 of the Laws of 1893 by the Department of Docks, at the cost and expense of John H. Starin, the owner of the old bulkhead on the westerly side of West Street. The agreement was made on November 30, 1892, in conformity with resolutions passed by the Board of Aldermen on October 18, 1892, and by the Department of Docks on June 16, 1892, and by the Commissioners of the Sinking Fund on September 14, 1892, which agreement was "ratified, confirmed and made valid" by said chapter 397 of the Laws of 1893. A further agreement as to details was made with the Department of Docks on March 3, 1894, so that the dredging was done by Mr. Starin directly and the wall built with the Department's force and material at the cost and expense of Mr. Starin. The wall has been completed for the entire length of the section, 241.9 feet, an iron shed erected on it and the new-made land paved.

**West Washington Market Section.**—Extending from about the middle of Pier, old 24, between Vesey and Barclay streets, on the North river, to about the middle of the foot of Dey street, North river, a distance of about 575.17 feet.

This section was completed in 1895.

**Harlem Street Section.**—The Hoboken Land and Improvement Company, owners of the old bulkhead on the westerly side of West street, at the foot of Barclay street, have built the bulkhead or river wall in front of their property, and the new ferry racks and ferry house to accord with the new plan.

This work was done under the provisions of chapter 397 of the Laws of 1893, and under a permit and an agreement made with the Department of Docks on January 25, 1894, and approved by the Commissioners of the Sinking Fund on February 6, 1894. The wall was completed in 1897. The newly made land has been paved.

**Murray Street Section.**—Extending from the centre of the slip between Piers, old 27 and 28 on the North river to the northerly side of Pier, old 28.

This section is being built under the provisions of section 715 of chapter 410, Laws of 1882, as amended by chapter 307 of the Laws of 1893, at the cost and expense of the Rhinelander Estate. The agreement was made with Frederick W. Rhinelander, and others on March 22, 1897, and also a second agreement of the same date between the Old Colony Steamboat Company, Frederick W. Rhinelander and the City of New York. These agreements were confirmed by the Commissioners of the Sinking Fund October 22, 1897, and work on the section was begun under unanimous resolution of the Board, October 25, 1897.

**Harlem Street Section.**—Extending from the northerly side of Pier, old 28, North river, to the northerly side of Pier, old 29, North river, a distance of 253 feet.

219.55 feet of this wall have been completed on the "E" course of granite.

**Delmonico Street Section.**—The Pennsylvania Railroad Company, owners of the old bulkhead on the westerly side of West street, between Vesey and Watts streets, have begun building the bulkhead or river wall in front of their property, under the provisions of chapter 307 of the Laws of 1893, and also under a permit and agreement made with the Department of Docks on October 30, 1894, and approved by the Commissioners of the Sinking Fund, December 18, 1894. At present, about 30 feet northerly of the Laight street section has been completed, and a shed built upon a part of it.

#### Sections between Warren and Delmonico Streets, inclusive.

Sections between Warren and Delmonico streets, inclusive, on which the bulkhead or river wall has been completed, are as follows:

SECTIONS.	LENGTH OF "E" COURSE OF GRANITE UNDER COPING.
Warren street.....	219.45
Chambers street.....	592.80
Jay street.....	216.87
Franklin street.....	415.95
North Moore street.....	189.08
Beach street.....	106.00
Laight street.....	608.00
Delmonico street (work done by private parties).....	85.12
<b>Total.....</b>	<b>2,233.07</b>

These sections embrace Piers, new 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29, all of which have been completed.

#### Sections North of Canal Street.

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

SECTIONS.	LENGTH OF "E" COURSE OF GRANITE UNDER COPING.
Canal street extended.....	113.74
Canal street.....	311.74
Spring street.....	181.92
Charlton street.....	408.76
Old King street.....	148.41
New King street.....	118.19
Lower Clarkson street.....	128.01
Hudson street.....	109.89
Upper Clarkson street.....	110.31
Leroy street.....	159.46
Morison street.....	151.33
Christopher street.....	1,095.22
<b>Total.....</b>	<b>3,436.36</b>

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

**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 about 100 feet of wall built and put in use. By a change in the bulkhead-line by the United States Government, this work became unnecessary and the section was removed.

**Gansevoort Section.**—Extending from the northerly side of Pier, new 36, to the northerly side of the Pier at Gansevoort street, North river, a distance of about 2,135.61 feet.

The improvement upon this section has been begun in general accordance with the plan and proposition submitted in the Annual Report of 1880, but modified in accordance with the needs and requests of the lessees. It was necessary here to take down the buildings westerly of West street, and to excavate the cribwork and filled-in or made land in order to build the bulkhead or river wall and proper piers for large ocean steamships. The property had to be acquired by condemnation proceedings and nearly all of it has become vested in the City. As far as the parcels became City property, the buildings were removed, the pavement taken up and the dredging out of the cribwork and made land done. 125 feet of the wall has been practically completed.

This section includes new piers at West Eleventh, Bank, Bethune, Jane and Gansevoort streets.

#### 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" COURSE OF GRANITE UNDER COPING.
West Twenty-third street, south end.....	1,889.04
West Twenty-third street, north end.....	841.48
West Thirty-first street.....	257.50
West Thirty-second street.....	525.00
West Thirty-third street.....	78.01
<b>Total.....</b>	<b>3,591.03</b>

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 new-made land has been paved for a large part of the area covered by these sections.

**West Thirty-fourth Street Section.**—Extending from the end of the West Thirty-third Street Section to the northerly side of West Thirty-fourth Street, a distance of about 108.75 feet.

The Board, by unanimous resolution passed on the 11th of March, 1897, directed the bulkhead or river wall to be built in front of the northerly half of the block between West Thirty-third and Thirty-fourth streets, and at the foot of West Thirty-fourth street. The work is in progress.

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

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 built 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 8 1/2 feet to 10 inches southerly of the southerly side of West Fifty-first street northerly to the north side of West Fifty-first street, a distance of 404 feet 8 inches.

The wall was completed and put in use in 1891.

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

The wall at this section was completed in 1897.

**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 (south end), West Fifty-second Street Section (north end), and West Fifty-seventh Street Section is 2,210.46, all of which has been completed and is in use.

#### EAST RIVER.

**Stanton Street Section.**—Extending from the south side of Rivington street to the north side of Stanton street, a distance of 557.31 feet, under unanimous resolution of the Board March 1, 1893.

The piers and bulkheads on this section have been in commercial use.

**East Twenty-fourth Street Section.**—Extending from the 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 wall and filling behind it upon this section were finished and the Department Yard removed to the 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.

The wall on this section was completed in 1895.

**Bellerue 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.

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

**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 "E" course of granite to date, 260.34 feet.

Work was begun upon this section in 1894, under resolution of Board of May 25, 1893, and the wall was built across the foot of East Ninety-first street, 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 June 20, 1895.



The wall is now built to the southerly of the Astoria Ferry at East Ninety-second street and the filling behind it has been completed.

**East Ninety-fourth Street Section**—Extending from the southerly side of East 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.

This section and the pier at East Ninety-sixth street are in commercial use.

**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 "E" course of granite to date, 246.06 feet.

This section was begun in 1893, at the northerly side of East One Hundredth street, and the wall was built far enough to the southward to permit filling and the building of a pier at the foot of East One Hundredth street in 1894. The filling also was put in as far as possible. The work will be completed as soon as the ferry structures of the New York and College Point Ferry Company are removed.

#### HARLEM RIVER.

**East One Hundred and Second Street Section**—Extending from the southerly side of East One Hundred and First street to the northerly side of East One Hundred and Fourth street, a distance of 848.65 feet; south end, 154.70 feet in length; north end, 703.95 feet.

The wall at this section was begun at its northerly end, and was built southerly from the northerly line of East One Hundred and Fourth street, upon the plan described in the Annual Report of 1892, to a point 85 feet northerly of the northerly line of East One Hundred and First street, where the nature of the river bottom changed so much that the wall south of this point was built upon the plan of 1876.

The section has been in commercial use.

**East One Hundred and Tenth Street Section**—Extending from the southerly side of East One Hundred and Seventh street to the northerly side of East One Hundred and Tenth street, a distance of 855.86 feet.

Length of "E" course of granite to date, 750.85 feet.

The wall on this section was substantially completed in 1892 and has been in commercial use.

**East One Hundred and Sixteenth Street Section**—Extending from the southerly side of East One Hundred and Sixteenth street to the northerly side of said street, a distance of about 109 feet.

Under unanimous resolution of the Board, passed on May 29, 1896, 108.88 feet of the wall has been built and completed on this section, which extends across the foot of the street. The rock bottom lying near the surface, the wall was not built of concrete blocks, but of a mass of concrete laid in a cafferdam, from which the water was pumped out, directly upon the rock. The usual granite facing was placed upon the wall.

This section includes a pier at the foot of East One Hundred and Sixteenth street, the pier and bulkhead being intended for the use of the Manhattan State Hospital.

**East One Hundred and Twenty-fifth Street Section**—Extending from the southerly side of East One Hundred and Twenty-fifth street to a point twenty-five feet northerly of the northerly line of One Hundred and Twenty-fifth street and westerly to the angle of the bulkhead-line northerly of East One Hundred and Twenty-fifth street, a distance of 567.27 feet.

This section was substantially completed in 1893, and has been in commercial use since that time.

#### SHERMAN'S CREEK.

On the westerly or Manhattan side of the Harlem river, at about Two Hundredth street, there is a creek making into the island about 1,500 feet from the westerly channel-line of the Harlem river, as determined by the United States authorities.

A new plan for the improvement of this section of the water-front was determined by the Department of Docks on March 29, 1894, and approved by the Commissioners of the Sinking Fund on November 20, 1895. This plan provides for a basin 345 feet wide and 1,400 feet long, with bulkhead and piers having 7,271 feet of wharfage room and having a capacity as a basin for 250 canal boats.

A cribwork-bulkhead to give about 700 feet of wharfage room was built under Contract No. 533 and filling placed behind it under contract No. 550.

A second cribwork bulkhead has been built easterly of the first section for an additional 767 feet in length under Contract No. 554 and filling is being placed behind it. This makes a total stretch of cribwork-bulkhead built in Sherman's creek of 7,457 feet.

Very respectfully, your obedient servant,

J. A. BENSEL, Engineer-in-Chief.

#### APPENDIX.

Summary of the Journal of the Work for the Eight Months ending December 31, 1897.

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

##### NORTH RIVER WATER-FRONT.

##### BARCLAY STREET SECTION.

Secretary's Order No. 13551.

October 16, 1894, to May 22, 1897.—Earth-filling.—Ashes were deposited in rear of the bulkhead-wall to bring area to proper grade, before permanent pavement was laid, by the Hoboken Land and Improvement Company.

##### MURRAY STREET SECTION.

Resolution of the Board, October 25, 1897.

##### GENERAL CHARGE.

October 29, 1897; in progress.—Building Temporary Approach, Pier, old 28.—Timber was rafted at West Seventy-fifth street and a temporary approach built to pier.

December 22, 1897; in progress.—Removing Old Work, Pier, old 28.—Bulkhead shed and platform north of pier were removed to make way for earth-filling.

##### WARREN STREET SECTION.

Resolution of the Board, May 25, 1893.

##### BULKHEAD-WALL PROPER.

Recapitulation of Work Done and To Be Done on Bulkhead-wall, in Lineal Feet.

Work.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1897.	Total to Date.	
Dredging.....	.....	253	.....
Stone-filling—Cobble.....	.....	229	24
"    Rip-rap.....	.....	223	28
Piling and woodwork—Vertical piles.....	.....	237	16
"    Bracing piles.....	.....	237	16
"    Binding frames.....	.....	237	16
"    Sawing piles.....	.....	237	16
"    Longitudinal capping.....	.....	233	18
"    Transverse capping.....	.....	235	18
"    Cap decking.....	.....	210	34
Masonry—Base blocks.....	.....	237.08	15.92
"    Chain-holes.....	.....	237.08	15.92
"    AB course granite.....	.....	228	25
"    C course granite.....	.....	227	26
"    D course granite.....	.....	223	30

Work.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1897.	Total to Date.	
Masonry—E course granite.....	.....	213.13	31.57
"    Concrete backing.....	.....	227	28
"    Coping.....	.....	223	38
"    Backing-logs.....	.....	208	45
"    Pointing.....	.....	214	49
Work actually completed.....	.....	208	45
Equivalent length of wall.....	.....	223	81

##### CANAL STREET SECTION.

June 11, 1897.—Engineer's Order—Fence at the south end of the section was put in safe condition.

##### GANSEVOORT SECTION.

Resolution of the Board, June 17, 1897.

##### BULKHEAD-WALL PROPER.

##### Dredging.

March 12 to July 16, 1897.—West Eleventh to Bank street, Contract No. 565—Morris & Cummings Dredging Company, dredging area between West Eleventh and Bank streets.

July 2 to September 4, 1897.—Bank street, Contract No. 573—R. G. Packard, dredging over area to be covered by new pier near foot of Bank street.

August 17 to December 7, 1897.—Bank to Bethune street, Contract No. 580—Morris & Cummings Dredging Company, dredging area between Bank and Bethune streets.

August 12 to November 27, 1897.—Bethune and West Twelfth streets, Contract No. 587—R. G. Packard, dredging area between Bethune and West Twelfth streets.

April 10 to December 10, 1897.—West Twelfth to Gansevoort street, Contract No. 571—R. G. Packard, dredging area between West Twelfth and Gansevoort streets.

October 27 to November 5, 1897.—Jane street, Contract No. 602—R. G. Packard, dredging over area to be covered by new pier near the foot of Jane street.

##### Stone Filling.

June 26 to September 7, 1897.—Cobble—6,457 cubic yards of cobble were deposited on wall foundation by Thomas F. O'Brien under Contract No. 579.

September 29 to December 31, 1897.—Cobble—11,597 cubic yards of cobble were deposited on wall foundation by Murray & Co., under Contract No. 599.

June 26 to September 7, 1897.—Rip-rap—5,800 cubic yards of rip-rap were deposited in front and rear of wall foundation by Thomas F. O'Brien, under Contract No. 579.

August 12 to December 31, 1897.—Rip-rap—9,162 cubic yards of rip-rap were deposited in front and rear of wall foundation by Brown & Fleming, under Contract No. 599.

December 21 to 31, 1897.—1,096 cubic yards of rip-rap were deposited in front and rear of the bulkhead-wall foundation by Sheridan & Shea, under T. O. Nos. 10244 and 10257.

June 26 to December 31, 1897.—Piles were driven at various places on the section to 1000 fms while discharging cobble and rip-rap, and the piles were afterward removed.

##### Piling and Hespawer.

August 5 to December 31, 1897.—Vertical piles—1811 vertical piles were driven, regulated and stay-lashed and five piles broken in driving; foundation piles were located.

August 26 to December 31, 1897.—Bracing Piles—258 bracing piles were driven and regulated and one broken in driving.

August 17 to December 31, 1897.—Binding Frames—22 binding frames were made, connected and sunk to place and fastened and checked.

August 25 to December 31, 1897.—Sawing Piles—726 high cut for capping and 431 dove cut piles for the concrete blocks were sawed off with pile cutting machines, and the joints were placed on the bulkhead.

September 27 to December 31, 1897.—Longitudinal Capping—Piles were cut to the required grade and 975 1/2 feet of capping placed.

September 27 to December 31, 1897.—Transverse Capping—Piles were regulated for and 93 transverse caps placed.

##### Masonry.

September 24 to December 31, 1897.—Base blocks and mattresses—Blocks were loaded on scows at the West Fifty-seventh street yard, and mattresses were prepared for and 35 special "R" blocks were set in the wall with aid of the derrick "City of New York."

September 28 to December 23, 1897.—Chain-holes—Chain-holes between the blocks were filled with concrete in bags.

November 18 to December 10, 1897.—Granite—Granite was loaded on scows at East Twenty-fourth Street Yard and 202 pieces were set in the wall with aid of the room derrick.

November 19 to December 31, 1897.—Concrete backing—Material was placed on scows at West Fifty-seventh Street Yard and 452 batches of concrete were made and placed to back up the granite set.

December 13 to 23, 1897.—Pointing—906 lineal feet of granite facing in the wall was pointed.

Recapitulation of Work Done and To Be Done on the Bulkhead-wall, Gansevoort Section, in Lineal Feet.

Work.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1897.	Total to Date.	
Dredging.....	1,673	1,673	160.01
Stone filling—Cobble.....	660.4	660.4	1,047.91
"    Rip-rap.....	351.9	351.9	1,781.71
Piling and woodwork—Vertical piles.....	278	278	1,033.62
"    Bracing piles.....	299	299	1,031.62
"    Binding frames.....	223	223	1,011.91
"    Sawing piles.....	277	277	2,065.71
"    Longitudinal capping.....	227	227	1,811.62
"    Transverse capping.....	276	276	1,597.61
"    Cap decking.....	18	18	2,175.02
Masonry—Base blocks.....	308.47	308.47	1,735.19
"    Chain-holes.....	308.47	308.47	1,735.20
"    AB course granite.....	218.72	218.72	1,014.89
"    C course granite.....	191.61	191.61	1,041.97
"    D course granite.....	161.20	161.20	1,072.41
"    E course granite.....	157.49	157.49	1,070.32
"    Concrete backing.....	257.49	257.49	1,026.18
"    Coping.....	.....	.....	1,578.01
"    Backing-logs.....	.....	.....	1,578.31
"    Pointing.....	157.49	157.49	1,070.19
Wall actually completed.....	325	325	8,108.61
Equivalent length of wall.....	326.18	326.18	7,747.42

##### GENERAL CHARGE.

##### Removal of Buildings, etc.

June 25, 1897; suspended.—Pier, old 54, Secretary's Order No. 17344—The pier at foot of Perry street is being removed to make way for earth filling.



November 1 to December 31, 1897.—Perry Street.—Holes were drilled in the bulkhead-wall built north of Perry street, and about 80 linear feet split off and removed; seven base blocks and two linear feet of granite were removed and taken to West Thirty-fourth and West Fifty-seventh streets.

#### West Eleventh Street.

May 1, 1897.—Order No. 17335.—Personal property was removed from building at corner of West Eleventh and West streets by Clark & Willows.

#### Bank Street.

June 24 to July 28, 1897.—Secretary's Order No. 17042.—Paving blocks removed from Bank street, west of West street, were placed on saw and used for the work of paving at East One Hundred and Thirty-eighth street, Harlem river.

June 21 to July 10, 1897.—Secretary's Order No. 17332.—Personal property was removed from the buildings on north side of Bank street and on Thirteenth avenue, between Bank and Bethune streets, by D. S. Brown & Company.

September 30, 1896, to September 7, 1897.—Secretary's Order No. 16638.—Property on northerly half of block between Bank, Bethune, West streets and Thirteenth avenue was cared for.

June 24 to September 10, 1897.—Secretary's Order No. 17341.—Clarence E. Seagrist removed the buildings on the block bounded by Bank, Bethune, West streets and Thirteenth avenue.

August 14 to September 7, 1897.—Secretary's Order No. 17407.—Edward Hill removed the buildings along the westerly side of West street, from Bank street to the centre line of the block between Jane and Horatio streets.

#### Bethune Street.

May 20 to July 2, 1897.—Secretary's Order No. 17252.—Thomas G. Patterson removed the building on the southwest corner of Bethune and West streets.

May 26 to July 31, 1897.—Secretary's Order No. 17172.—Clarence E. Seagrist removed the building on the block bounded by Bethune, West Twelfth, West streets and Thirteenth avenue.

#### West Twelfth Street.

June 14 to 18, 1897.—Secretary's Order No. 16405.—The dumping-board on the south side of the pier, the property of the Department of Street Cleaning, was removed by P. Sanford Ross.

June 13 to 17, 1897.—Secretary's Order No. 17101.—The dumping-board on the north side of the pier was removed by John A. Bouker.

June 14 to July 23, 1897.—Engineer's Order No. 18014.—P. Sanford Ross, under Contract No. 532, prepared for and removed the pier and appurtenances at the foot of West Twelfth street.

August 2 to September 7, 1897.—Engineer's Order No. 17285.—Personal property was removed from building at corner of West Twelfth and West streets, by Mrs. W. M. Brooks.

July 20 to August 20, 1897.—Engineer's Order No. 18140.—Patrick Costello removed paving blocks from Bethune, West Twelfth streets and Thirteenth avenue, for use in paving at West Fifty-first street, under Contract No. 943.

August 13 to 25, 1897.—Engineer's Order No. 18203.—Charles Hart removed the remnants of paving blocks from Bethune and West Twelfth streets and Thirteenth avenue.

October 20, 1896, to September 7, 1897.—Engineer's Order No. 17237.—Property on block bounded by West Twelfth, Jane, West streets and Thirteenth avenue, was cared for.

#### Jane Street.

July 27 to 31, 1897.—Engineer's Order—M. Lashberger & Sons removed the westerly fifty feet of the building at northwest corner of Jane and West streets.

#### Horatio Street.

March 30 to May 6, 1897.—Secretary's Order No. 17074.—C. H. Southard removed the buildings on the block bounded by Horatio, Gansevoort, West street and Thirteenth avenue.

November 10 to December 31, 1897.—Engineer's Order No. 18447.—Charles W. Rodgers removed the building at the southwest corner of Horatio and West streets.

#### Gansevoort Street.

July 6 to August 28, 1897.—242 piles were driven in close row at the north end of section to prevent embankment falling in on dredged area; piles were regulated, stay-lashed and cut off to grade of 54 feet above mean high water.

August 2 to September 8, 1897.—5,089 cubic yards of rip-rap were deposited in front of the close row by Thomas F. O'Brien, under Contract No. 579.

August 2 to 28, 1897.—257 cubic yards of rip-rap were deposited in front of close row by Brown & Fleming, under Contract No. 598.

August 15 to 28, 1897.—Rip-rap placed in front of wall was leveled off to grade, and dry wall was built at sewer outlet at Thirteenth avenue and Gansevoort street.

#### Various Localities.

May 1 to December 31, 1897.—Maintenance, Secretary's Order No. 16875.—Fence was erected around section in guard against accidents and for the better protection of property. "Danger" signs were made and placed at various points on section.

August 9 to December 31, 1897.—Clearing Premises.—Area in rear of bulkhead-line was leveled off and graded, cellars filled in, foundations removed and snow cleaned from premises.

November 20 to December 27, 1897.—Commemorative Stone.—Secretary's Order, 17686.—Piles were driven and 783 cubic yards of rip-rap stone placed by Brown & Fleming under Contract No. 599 and 43 batches of concrete were placed for foundation for stone which was set east of the bulkhead-line, between Bank and Bethune streets; platform erected around stone.

September 9 to 12, 1897.—Repairs Pavement.—Engineer's Order.—Pavement on Gansevoort street, west of West street, was taken up and relaid to grade after filling had been placed, where settlement caused by washout had occurred.

#### Earth-filling.

December 16 to 31, 1897.—West Eleventh street.—Platform was erected from West street to the bulkhead-wall from which to dump earth-filling.

#### BUILDING NEW PIERS.

##### New Pier at West Eleventh Street.

Contract No. 594.

July 20, 1897; in progress.—Grattan & Jennings, preparing for and building a new pier near the foot of West Eleventh street. The total length to be 755 feet and the width to be 125 feet.

Piles were driven in clusters for use as sights for the surveying party in the building of pier.

##### New Pier at Bank Street.

Contract No. 600.

October 18, 1897; in progress.—Stoers & Bessel, preparing for and building new pier near the foot of Bank street. The total length to be 724 feet and the width to be 125 feet.

Piles were driven in clusters for use as sights for the surveying party in the building of pier.

##### New Pier at Bethune Street.

Contract No. 608.

October 27, 1897; in progress.—R. P. Staats, preparing for and building new pier near the foot of Bethune street. The total length to be 727 feet and the width to be 125 feet.

Piles were driven in clusters for use as sights for the surveying party in the building of pier.

##### New Pier at Jane Street.

Contract No. 606.

December 28, 1897; in progress.—Edward L. Preston, preparing for and building new pier near the foot of Jane street. The total length to be 713 feet and the width 110 feet.

Piles were driven in clusters for use as sights for the surveying party in the building of pier.

##### New Pier at Gansevoort Street.

Contract No. 603.

September 20, 1897; in progress.—P. Sanford Ross, preparing for and building new pier near the foot of Gansevoort street. The total length to be 701 feet and the width 70 feet.

Piles were driven in clusters for use as sights for the surveying party in the building of pier.

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

Resolution of the Board, November 5, 1886.

Wall substantially completed and in use..... 1,229.64 feet.

Wall to be completed..... 8.56 "

Resolution of the Board, April 8, 1897.

#### BULKHEAD-WALL PROPER.

##### Masonry.

March 30 to May 27, 1897.—Concrete Backing.—Excavation which was made to place concrete in rear of wall was filled in to grade, and the surplus material removed from premises.

#### GENERAL CHARGE.

##### Pier, new 54.

April 15 to May 27, 1897.—The inner end of pier was raised to meet the new grade of bulkhead-wall, and water-pipe connections were made with pier and filling replaced over pipes.

##### Piers, new 55 and 56.

December 6 to 11, 1897.—Secretary's Order No. 17721.—The backing-logs and nine pieces of coping were removed from the bulkhead-wall, to enable the Baltimore and Ohio Railroad Company to build transfer bridge, and placed on Pier at foot of West Thirty-fourth street.

##### Pier, new 56.

January 9 to December 6, 1897.—Secretary's Order No. 16868.—A temporary plank approach was constructed from Thirteenth avenue, at grade of new pavement, to connect with pier.

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

Resolution of the Board, June 28, 1882.

Wall substantially completed and in use..... 651.42 feet.

Equivalent length of wall—

Completed..... 603.90 "

To be completed..... 47.52 "

#### WEST THIRTY-FOURTH STREET SECTION.

Resolution of the Board, March 31, 1897.

#### BULKHEAD-WALL PROPER.

##### Dredging.

May 1, 1897.—Contract No. 535.—Henry E. Du Bois, Jr., dredging over the area to be covered by the bulkhead-wall.

July 10 to 26, 1897.—Contract No. 582.—Atlantic Dredging Company, dredging over the area to be covered by the bulkhead-wall.

##### Pumping and Tubbing.

June 7 to July 12, 1897.—Mud was pumped off binding-frames and rip-rap tubbed and deposited in rear of the foundation of the bulkhead-wall.

##### Stone Filling.

May 18 to September 13, 1897.—Cobble—3,059 cubic yards of cobble were deposited on the wall-foundation by Thomas F. O'Brien, under Contract No. 579.

May 24 to August 25, 1897.—Rip-rap—4,210 cubic yards of rip-rap were deposited in front and rear of wall-foundation by Thomas F. O'Brien, under Contract No. 579.

June 4, 1897.—569 cubic yards of rip-rap were deposited in front and rear of wall-foundation by J. Frank Quisen, under Contract No. 544.

May 24 to November 27, 1897.—Examination was made over stone-filling on river bottom for pile foundations. Sights were placed and preparations made to receive cobble and rip-rap. Bulkhead was built at the south end of section to retain stone-filling.

##### Piling and Woodwork.

September 13 to December 31, 1897.—Vertical Piles—243 vertical piles were driven, regulated and stay-lashed. Piles were located, and tools lost overboard were recovered.

October 20 to 23, 1897.—Bracing Piles—30 bracing piles were driven and regulated.

September 13 to October 17, 1897.—Binding Frames—3 binding frames were made, connected and sunk to place, fastened and checked.

October 20 to 27, 1897.—Sawing Piles—58 piles were sawed off by hand to receive the caps.

##### Masonry.

October 14 to November 23, 1897.—Base Blocks and Mattresses—Blocks were loaded on scows at the West Fifty-seventh Street Yard and transferred to the Pier at West Thirty-fourth street.

#### GENERAL CHARGE.

April 13 to July 13, 1897.—Removing Old Work, Secretary's Order No. 17075.—Henry Lotz removed the elevator building at foot West Thirty-fourth street.

May 1 to October 3, 1897.—Earth Filling.—Approach to inner end of pier and piles from old elevator foundation at foot West Thirty-fourth street were removed; also crib-bulkhead.

June 26 to July 8, 1897.—Removing Awning-shed.—Awning-shed at outer end of Pier at foot of West Thirty-fourth street was removed and replaced on the outer end of Pier at West Thirty-fifth street.

Recapitulation of Work Done and to Be Done on the Bulkhead-wall, West Thirty-fourth Street Section, in Linear Feet.

Work.	COMPLETED WORK.		Work not completed.
	1897.	Total to date.	
Dredging.....	107.75	107.75	0.00
Stone-filling—Cobble.....	131.8	131.8	0.00
" Rip-rap.....	72.6	72.6	106.45
Piling and woodwork—Vertical piles.....	83.35	83.35	113.00
" Bracing piles.....	38.05	38.05	140.70
" Binding frames.....	71.55	71.55	187.00
" Sawing piles.....	65.00	65.00	133.75
" Longitudinal capping.....	.....	.....	201.32
" Transverse capping.....	.....	.....	302.83
" Cap docking.....	.....	.....	203.20
Masonry—Base Blocks.....	122.15	.....	198.62
" Chain holes.....	.....	.....	198.81
" AB course granite.....	.....	.....	206.63
" C course granite.....	.....	.....	209.68
" D course granite.....	.....	.....	213.39
" Concrete backing.....	.....	.....	213.39
" Coping.....	.....	.....	98.75
" Backing-logs.....	.....	.....	98.75
" Pointing.....	.....	.....	213.39
Wall actually completed.....	.....	.....	198.75
Equivalent length of wall.....	53.06	53.06	147.69

#### WEST FORTY-THIRD STREET SECTION.

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..... 17.21 "

#### MARGINAL STREET ALONG NORTH RIVER.

#### LAYING PERMANENT PAVEMENT.

##### Pier, new 13.

May 14 to July 22, 1897.—Contract No. 381.—Thilemann & Smith, preparing for and paving in the vicinity of pier.



*Barclay Street.*

May 29 to August 17, 1897.—Contract No. 586.—Thomas Harrington, preparing for paving and repaving the newly-made land in the vicinity of Barclay street, laying crosswalks and building necessary drains and sewers.

Platform in front of Pier, new 15, was removed to make way for the pavement to be laid.

*Piers, new 53, 54 and 55.*

October 16, 1896, to May 18, 1897.—Contract No. 545.—Terence A. Smith, preparing for and paving the newly-made land in the vicinity of Piers, new 53, 54 and 55, laying crosswalks and building necessary drains and sewers.

*West Fifty-first Street.*

July 29 to December 9, 1897.—Contract No. 593.—Patrick Costello, preparing for paving and repaving the newly-made land in the vicinity of West Fifty-first street with second-hand blocks removed from the Gansevoort section, laying crosswalks and building necessary drains and sewers.

**EAST RIVER.****EAST NINETY-FIRST STREET SECTION.**

Unanimous Resolution of Board, June 20, 1895.

**GENERAL CHARGE.**

June 15, 1896, to May 27, 1897.—Five hundred and seventy-two (572) loads of earth-filling were received from Daniel J. Gleason and placed and graded in rear of the bulkhead-wall. Total loads received to date under this order 5,586, and the work completed.

**EAST NINETY-NINTH STREET SECTION.**

Unanimous Resolution of Board, June 20, 1895.

**GENERAL CHARGE.***Earth-filling.*

May 21 to June 17, 1897.—Two hundred (200) loads of earth-filling were received from William F. Cunningham and placed and graded in rear of the bulkhead-wall. Total loads received to date under this order 10,780.

May 1 to December 31, 1897.—Six thousand nine hundred and thirty-seven (6,937) loads of earth-filling were received from Daniel J. Gleason and placed and graded in rear of the bulkhead-wall. Total loads received to date under this order 7,156.

*Temporary Sewer Box.*

May 3 to 5 and December 4 to 6, 1897.—The trench in which the temporary sewer box was placed to connect with the terminus of brick sewer at the foot of East One Hundredth street, Harlem river, was filled in and graded, and an extension was made to the sewer box, it being required by the extension of earth-filling.

**NEW PIER AT EAST ONE HUNDRED AND TWELFTH STREET, H. R.**

Under Contract No. 605.

Began October 18, 1897, and in progress.—A new wooden pier, with appurtenances, is in course of construction by Stevens & Benschel, at the foot of East One Hundred and Twelfth street, Harlem river, under their Contract No. 605.

**EAST ONE HUNDRED AND SIXTEENTH STREET SECTION.**

Unanimous Resolution of Board, May 29, 1896.

June 12 to 16, 1897.—The temporary fence erected at this section across the street was removed and material transferred to the East Twenty-fourth Street Yard.

Under Secretary's Order No. 17281.

October 27 to 28, 1897.—Chests were removed from the Pier at the foot of East One Hundred and Sixteenth street, Harlem river by the Department force to make way for the work directed to be supervised under this order.

**MARGINAL STREET ALONG EAST AND HARLEM RIVERS.**

*Between East Ninety-first and Ninety-second Streets, H. R.*

May 5 to 7, 1897.—A portion of the pavement previously laid was taken up and relaid to the required grade by James Quinn, under Engineer's Order No. 17274.

*East One Hundred and Fourth Street, H. R.*

Under Secretary's Order No. 17161.

May 1 to 19, 1897.—The pavement across the marginal street at the foot of East One Hundred and Fourth street, Harlem river, was taken up and relaid to the proper grade and a suitable low drain placed adjacent to the northerly side of paving in rear of the bulkhead-wall to carry off the surface water.

*Foot of East One Hundred and Sixteenth Street, H. R.*

Under Contract No. 588.

June 5 to August 6, 1897.—The temporary plank approach to Pier at East One Hundred and Sixteenth street, Harlem river, was removed and the area of same and marginal street was paved, curbs set and crosswalks laid by Thomas Harrington.

**SHERMAN'S CREEK, H. R.**

Contractor's force were engaged pumping filling in rear of cribwork and building embankment in rear of wall for filling in, under Contract No. 560. Work was begun February 3, 1897, and finished May 22, 1897.

Contractor's force were engaged driving piles in rear of cribs, building up and filling in with stone the east and west section of cribwork, driving anchor piles, trimming and hanging tenders, putting up mooring posts, driving oak fender piles, building rip-rap foundations for rubble wall and putting on top dressing account cribwork, under Contract No. 554. Began June 14, 1897, and finished November 3, 1897.

The work of filling in rear of the easterly stretch of cribwork was begun November 27, under Contract No. 612, and is still in progress; about 3,000 yards of material have been dredged up from the area from which the rock is to be removed and placed in the rear of the crib-bulkhead by a second handling with an unloader, placed on top of the cribwork.

**TEMPORARY CONSTRUCTION UNDER NEW PLAN.**

*Between Piers, old 56 and 57, and Piers, old 58 and 59.*

March 23 to July 2, 1897.—Contract No. 569.—Gildersleeve & Rolf, preparing for and building temporary piers between Piers, old 56 and 57, and Piers, old 58 and 59.

*Pier, old 59.*

May 14 to July 2, 1897.—Contract No. 574.—Speatin & Prestan, preparing for, repairing and extending Pier, old 59.

**WORK OF CONSTRUCTION NOT UNDER "NEW PLAN."***Battery, N. R.*

May 19 to June 24, 1897.—Contract No. 584.—Steele & Benschel, preparing for and building a breakwater around the boat-landing at Pier A, North river.

Platform was built on wall for use of surveyors, May 22, 1897.

June 12 to August 3, 1897.—Secretary's Order No. 17308—379 cubic yards of rip-rap were discharged inside and outside of breakwater by Thomas F. O'Brien, under Contract No. 579, and six piles were driven, fastened and capped for the purpose of strengthening the breakwater.

June 16 to July 10, 1898.—Secretary's Order No. 17310—Sides of breakwater were painted.

*One Hundred and Thirty-eighth Street, West of Gerard Avenue, H. R.*

Filling is being deposited on the easterly side of the Harlem river, at above premises, by Jordan L. Mott, under permit of the Board. Began June 16, 1896, and in progress from time to time.

*One Hundred and Forty-fourth Street, Gerard Avenue, H. R.*

A dry wall or retaining structure is being constructed at above premises by John Cromwell, under permit of the Board. Began August 16, 1895, and in progress from time to time.

*Morris Heights, H. R.*

Filling is being deposited at the foot of Powell place, at above premises, by Gas Engine and Power Company, under permit of the Board. Began June 1, 1896, and in progress from time to time.

Platforms, docks, etc., were constructed at above premises, by Gas Engine and Power Company, in accordance with plans and specifications submitted, under permit of the Board. Began October 1, 1896, and finished July 1, 1897.

Foundations were constructed and buildings erected thereon, at above premises, by Gas Engine and Power Company, under permit of the Board. Began December 11 and finished July 1, 1897.

The Marine Railway which were erected at above premises were extended further out into the river, namely, one, 10 feet farther; and the other, 78 feet out; and piles were driven thereat, by Gas Engine and Power Company and Charles L. Seabury Company, consolidated, under permit of the Board. Began August 18, 1897, and finished October 30, 1897.

Launching ways were constructed at above premises, and piles driven thereat, by Gas Engine and Power Company, and Charles L. Seabury Company, consolidated, under permit of the Board. Began August 20, 1897, and finished October 30, 1897.

*One Hundred and Fifty-first Street, H. R.*

Buildings were erected on the easterly side of Harlem river, about 200 feet north of above premises, by Barber Asphalt Company, under permit of the Board. Began August 25, 1897, and finished October 15, 1897.

*Two Hundred and Sixteenth Street to Two Hundred and Eighteenth Street, H. R.*

A crib-bulkhead was constructed at above premises by Isaac A. Hopper for the Third Avenue Railroad Company, in accordance with plans and specifications submitted, and under permit of the Board. Began January 15, 1897, and finished July 3, 1897.

*Willow-Walnut Avenue, Bronx Kill.*

A retaining structure is being erected at above premises by the Port Morris Land and Improvement Company, under permit of the Board. Began January 15, 1897, and in progress from time to time.

*Willow Avenue, Bronx Kill.*

The premises in the vicinity of Willow avenue are being filled in by New York, New Haven and Hartford Railroad Company, under permit of the Board. Began September 16, 1896, and in progress from time to time.

The filling at above premises is being extended to the eastward by the Port Morris Land and Improvement Company, under permit of the Board. Began November 29, 1895, and in progress from time to time.

*Oak Point, Bronx River.*

Filling is being deposited at above premises, and certain other improvements are being made thereat by East Bay Land and Improvement Company, under permit of the Board. Began September 15, 1895, and in progress from time to time.

*Pier at Riker's Island.*

Contractor's force were engaged driving, regulating and stay-lathing piles, putting on horizontal and A braces and chocks, repairing backing-log, cutting tendons and putting on side, bearing and cross caps, placing ribs on gangway, working on crib, hanging tenders, driving oak fender piles and laying decking, account repairs and extension to pier on northerly end of the island, under Contract No. 611. Work was begun November 22, 1897, and finished December 27, 1897.

**CONSTRUCTION UNDER CHAPTER 298, LAWS OF 1892.****PIER FOOT OF EAST THIRD STREET, E. R.****RECREATION STRUCTURE.**

April 1 to August 7, 1897.—Under Contract No. 573.—The Recreation Structure erected on the pier at East Third street, East river, by R. H. Hood, under Contract No. 573, the work under which began April 1, 1897, was completed August 7, 1897. The building was formally opened to the public on June 26, 1897.

June 21 to 24, 1897.—Under Secretary's Order No. 17320.—Five building connections were placed on the Recreation Building at East Third street, connecting the main structural steel with the river water.

July 2 to August 10, 1897.—Under Secretary's Order No. 17353.—Lockers for employees and a storage room for cleaning utensils, hose with hydrant connection were furnished and placed; also galvanized iron receptacles for waste paper and rubbish were provided.

September 7 to October 13, 1897.—Under Secretary's Order No. 17359.—A picket guard was furnished and placed on the balustrade rail by R. H. Hood, under Treasurer's Order.

June 25 to 26, 1897.—Engineer's Order.—A picket gate was placed in the temporary fence at approach to the Recreation Building and the building was cleaned and put in order in preparation for the dedication exercises on June 26, 1897.

August 7, 1897.—Engineer's Order.—Two cast-iron cleats were placed on the lower stock of pier at the request of the Floating Hospital.

**ENCLOSING THE BUILDING AND PREPARING SAME FOR A WINTER RESORT.**

Resolution of Board November 11, 1897.

December 30, 1897.—Under Contract No. 620.—The Recreation Building is being inclosed and prepared for a winter resort. Work begun December 30, 1897, and in progress.

**PIER AT EAST TWENTY-FOURTH STREET, E. R.****PREPARING FOR AND BUILDING FOUNDATIONS FOR A RECREATION BUILDING.**

June 14 to July 18, 1897.—Under Contract No. 591.—The old shanties and deck planks were removed from the Pier at East Twenty-fourth street, and foundations for a Recreation Structure were prepared for and built thereon by William H. Jinks, contractor.

**BUILDING A RECREATION STRUCTURE.**

July 3 to December 1, 1897.—Under Contract No. 591.—A Recreation Structure, the foundations for which had been prepared for and built under Contract No. 591, was erected on the pier at East Twenty-fourth street, by R. H. Hood, contractor.

**EAST TWENTY-FOURTH RECREATION BUILDING.**

December 24, 1897.—Under Contract No. 609.—Ice-boxes are being constructed and placed on the Recreation Building by Ryan & Bowler, under Class I of Contract No. 609. Began December 24, 1897.

December 3, 1897.—Under Contract No. 609.—Picket rail, hand rails and base moulding are being placed on the balustrade of East Twenty-fourth Recreation Building by R. H. Hood under Class III of Contract No. 609. Work began December 3, 1897, and in progress.

May 26 to June 7, 1897.—Under S. O. No. 17265.—Old material of the Department was removed from the East Twenty-fourth street pier to clear the way for foundations to be built for proposed Recreation Building, under Contract No. 591.

June 9 to 24, 1897.—Under S. O. No. 17266.—Cast-iron pipes and connections, property of the Department of Public Works, were removed from the East Twenty-fourth street pier preliminary to erecting the Recreation Building.

August 12 to December 8, 1897.—Under S. O. No. 17455.—Closet room with lockers, and a storage room for mops, pails, etc., were provided and placed on the lower deck of the Recreation Building.

August 10 to 14, 1897.—Under S. O. No. 17456.—Twenty-four electrical conductors were made and placed in the Recreation Building.

August 7, 1897.—Engineer's Order.—Floor sills were placed by the Department's force in the lobbies at the foot of the main stairways of the Recreation Building.

August 7, 1897.—Engineer's Order.—The office used by the Inspector of Pier Building was removed from East Third street, East River, to the Pier at East Twenty-fourth street for use thereat.

August 18 to 23, 1897.—Under Secretary's Order No. 17468.—A trench was dug by the force of this Department to assist the Department of Public Works in laying a main for supplying water to the East Twenty-fourth Street Recreation Building.

August 25, 1897.—Under Secretary's Order No. 17482.—Signs giving notice to the public of the object for which the East Twenty-fourth Street Recreation Building was erected were placed on same as directed.

September 23 to 28, 1897.—Under Secretary's Order No. 17543.—A force of laborers was furnished to clear up the Recreation Building preparatory to the Dedication Exercises on September 25, 1897, and the material required to be removed for that occasion was replaced.

Under Secretary's Order No. 17548.—Rope was placed to partition off 1,500 chairs on the occasion of the Dedication Exercises held at the Building, September 25, 1897, and material subsequently removed for prosecution of the work under Contract No. 590.

October 9 to 11 and October 13 to November 6, 1897.—Under Secretary's Orders Nos. 17559 and 17597.—Necessary labor was furnished for cleaning the Recreation Building.

**Inclosing the Building and Preparing Same for a Winter Resort.**

December 6 to December 31, 1897.—Under Contract No. 615.—The East Twenty-fourth street Recreation Building is being inclosed and prepared for a winter resort by Price & Carl under their Contract No. 615.



**STATEMENT OF REPAIRS, OTHER THAN DREDGING, FOR THE EIGHT MONTHS ENDING DECEMBER 31, 1897, EXCLUSIVE OF REPAIRS DONE FOR OTHER DEPARTMENTS.**

**NORTH RIVER.**

*Butler Boat Landing.*

Secretary's Order No. 17417.—The landing was extended and necessary repairs made, used 3,221 feet, board measure, of yellow pine, 317 feet, board measure, of Oregon pine, 220 linear feet of oak piles and 250 pounds of chain. Began June 2 and finished July 7.  
Secretary's Order No. 17554.—A number of oak piles (187 linear feet) were driven and fastened in front of landing. Began June 22 and finished June 25.  
Engineer's Order.—The anchor piles were refastened and half-round oak fender placed thereat. Began and finished July 22.

*Carle Garden "Aquarium" Wharf.*

Secretary's Order No. 17444.—A number of piles at Carle garden for supply of water to Aquarium were removed. Began July 20 and finished July 30.

*Pier No. 1 and West Fifty-second Street.*

Secretary's Order No. 17042.—Six basins on the newly-made land were cleaned when required. Began February 9 and finished November 15, 1897.  
Secretary's Order No. 17714.—Six basins on the newly-made land were cleaned when required. Began December 3, 1897; suspended.

*Pier No. 1, N. R.*

Secretary's Order No. 17124.—Maintenance of boat landing. Driftwood is being removed from basin basin of boat-warehouse in progress.

Secretary's Order No. 17135.—Four chains were passed on landing.

Secretary's Order No. 17145.—The landing was moved to centre of breakwater. Began July 20 and finished August 5.

Secretary's Order No. 17511.—Cleaned and painted with Hartmann's Rubien composition, iron pier basins, and all the iron work under Pier No. 1, North river. Began September 16 and finished December 17, 1897.

Secretary's Order No. 17718.—Wood and fenders on the building at the outer end of pier were repaired. Began December 7 and finished December 13, 1897.

*Wharf between Pier No. 1 and Pier 1, N. R.*

Secretary's Order No. 17886.—The floating fender on bulkhead was removed. Began and finished June 21.

*Barclay Street.*

Secretary's Order No. 17538.—Four "stake" were made and placed in the crosswalks at Barclay and West streets, leading to Hudson River Ferry, for the protection of pedestrians. Began September 27 and finished October 14, 1897.

*Piers, nos. 22 and 23.*

Contract No. 1111—Caroline McGraw, preparing for and repaving the newly-made land in the vicinity of piers, including crosswalks and altering drains. November 3, 1897; in progress.

*Piers, nos. 24, 25 and 26.*

Secretary's Order No. 17047.—Two basins on the newly-made land in the vicinity of piers were cleaned when required. Began February 9 and finished November 15, 1897.

Secretary's Order No. 17715.—Two basins on the newly-made land in the vicinity of piers were cleaned when required. Began December 3, 1897; suspended.

*Pier, old 42.*

Secretary's Order No. 16755.—Repairs were made to the sheathing on the deck of pier. Began November 23, 1897, and finished October 6, 1897.

Secretary's Order No. 17025.—Repairs were made to the sheathing on deck of pier. Began December 24, 1897; suspended.

Secretary's Order No. 17501.—Stalkway was laid to the north side of the pier to accommodate the boats of the Manhattan Pier. Began September 2 and finished September 3, 1897.

Contract No. 387.—William H. Jones, preparing for and repairing a portion of the pier. Began August 27 and finished August 31, 1897.

*Piers, nos. 30 and 40, N. R.*

Secretary's Order No. 17444.—Signs forbidding vessels discharging cargo were placed on water end of piers. Began May 5 and finished June 28, 1897.

*Pier, new 40.*

Secretary's Order No. 17615.—Repairs were made to the sewer box under the pier. Began December 8 and finished 16, 1897.

*Piers, new 41 and 47.*

Secretary's Order No. 17060.—Repairs were made to the sheathing on the deck of approach to pier. Began April 7 and finished October 7, 1897.

Secretary's Order No. 17104.—Repairs were made to the sheathing on the deck of the approach to pier. Began July 2 and finished November 14, 1897.

Secretary's Order No. 17072.—Planked yellow pine deck, 25 feet wide, was laid over the deck of the approach to pier, extending a certain length. Began November 23 and finished 26, 1897.

*Pier, old 34.*

Secretary's Order No. 17042.—Repairs were made to the sheathing on the deck of pier. Began March 18 and finished June 27, 1897.

Secretary's Order No. 17284.—Two piles were removed from the south side of pier. May 9, 1897.

*Pier, old 30 1/2.*

Secretary's Order No. 17293.—Belgian-block pavement in front of pier was taken up and relaid to grade. Began August 16 and finished 23, 1897.

*Pier, old 37.*

Secretary's Order No. 17445.—Belgian-block pavement in front of pier was taken up and relaid to grade. Began August 13 and finished 16, 1897.

Secretary's Order No. 17574.—Repairs were made to the sheathing on the deck of pier. August 25, 1897, to October 26, 1897.

*Between Piers, old 37 and 38.*

Secretary's Order No. 17302.—The planking on the bulkhead between piers was renewed and repaired. Began June 9 and finished 12, 1897.

Secretary's Order No. 17504.—Repairs were made to the planking on the bulkhead between piers. Began October 4 and finished December 16, 1897.

*Pier, old 38.*

Secretary's Order No. 17346.—Repairs were made to the sheathing on the deck of pier. Began June 28 and finished August 25, 1897.

*Pier, old 38 and 38 1/2.*

Secretary's Order No. 17562.—Belgian-block pavement on the bulkhead between piers was taken up and relaid to grade. Began October 4 and finished 5, 1897.

*Pier, old 38 1/2.*

Secretary's Order No. 17394.—Belgian-block pavement in front of pier was taken up and relaid to grade. Began August 31 and finished September 4, 1897.

*Pier, old 39.*

Secretary's Order No. 17244.—Belgian-block pavement in front of pier was taken up and relaid to grade. Began May 22 and finished September 8, 1897.

*Pier at West Nineteenth Street.*

Secretary's Order No. 17345.—Repairs were made to the sheathing on the deck of pier. August 25, 1897; suspended.

Secretary's Order No. 17476.—The sheathing was patched. Used 1,510 feet, B. M., of 3-inch spruce and 540 feet, B. M., of yellow pine. Began August 23 and finished August 25, 1897.

Secretary's Order No. 17359.—The sheathing on pier was patched with 420 feet, B. M., of 3-inch yellow pine. Began July 26 and finished July 27, 1897.

*Pier at West Twentieth Street.*

Secretary's Order No. 17617.—Repairs were made to the sheathing on the deck of pier. Began October 30 and finished November 4, 1897.

*Pier, new 60, at West Thirtieth Street, N. R.*

Secretary's Order No. 17317.—The sheathing on pier was patched with 2,025 feet, B. M., of 3-inch spruce. Began June 16 and finished June 17, 1897.

Secretary's Order No. 17469.—The sheathing on pier was patched with 2,500 feet, B. M., of 3-inch spruce. Began August 31 and finished September 2, 1897.

Secretary's Order No. 17508.—Repairs were made to the sheathing on the deck of pier. September 9, 1897; suspended.

Secretary's Order No. 17529.—Repairs were made to the sewer box under pier. September 27 to October 16, 1897.

Secretary's Order No. 17722.—Chocks and fenders were renewed and refastened; sheathing on pier patched with 3,030 feet, B. M., of 3-inch yellow pine. Began December 6 and finished December 13, 1897.

Secretary's Order No. 17746.—Deck was replaced under the ramp of the dumping board of the Department of Street Cleaning. Began December 20 and finished December 21, 1897.

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

Contract No. 376.—Bernard Rolt, preparing for and repairing the pier. Began May 6 and finished June 24, 1897.

Secretary's Order No. 17306.—Gangway was cut in the outer end of pier for the use of excursion boats. Began June 19, 1897.

Secretary's Order No. 17349.—Six piles were driven at the outer end of the pier. Began June 28 and finished July 2, 1897.

Secretary's Order No. 17362.—Belgian-block pavement at the entrance to pier was taken up and relaid to grade. Began July 20 and finished August 28, 1897.

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

Secretary's Order No. 17216.—The sheathing on pier was patched; used 15,120 feet, B. M., of 3-inch and 4-inch spruce. Began June 4 and finished June 14, 1897.

Secretary's Order No. 17570.—The sheathing on pier and approach was patched; used 6,000 feet, B. M., of 3-inch and 4-inch yellow pine. Began November 17 and finished November 29, 1897.

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

Secretary's Order No. 17537.—Belgian-block pavement on the approach to pier was taken up and relaid to grade. Began September 25 finished September 28, 1897.

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

Secretary's Order No. 17346.—Repairs were made to approach; the raising of some to proper grade with pavement; used 200 feet, B. M., of 3-inch spruce. Began and finished June 24, 1897.

Secretary's Order No. 17575.—The sheathing on pier was patched, mooring-posts renewed and backing-log repaired; used 1,835 feet, B. M., of 3-inch spruce. Began October 18 and finished October 22, 1897.

Secretary's Order No. 17739.—The sheathing on inner end of pier was patched; used 1,580 feet, B. M., of 4-inch yellow pine. Began December 17 and finished December 20, 1897.

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

Secretary's Order No. 17203.—The sheathing on pier was patched; used 14,550 feet, B. M., of 3-inch spruce. Began May 12 and finished May 19, 1897.

Secretary's Order No. 17540.—Oak spring piles were driven, nine from pier were pulled to place and refastened, chocks and backing-log renewed; used 722 feet, B. M., of yellow pine and 3,177 feet, B. M., of 3-inch spruce. Began November 14, 1897; in progress.

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

Secretary's Order No. 17541.—The sheathing on pier was patched and chocks between fenders renewed. Used 15,018 feet, B. M., of 3-inch spruce and 530 feet, B. M., of yellow pine. Began October 6 and finished October 16, 1897.

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

Secretary's Order No. 17522.—The backing-log was repaired, chocks were renewed and repaired and sheathing on pier patched. Used 8,015 feet, B. M., of 3-inch spruce. Began September 11 and finished September 18, 1897.

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

Secretary's Order No. 17597.—Chocks were renewed and fenders refastened. The sheathing on pier was also patched. Used 1,010 feet, B. M., of 3-inch yellow pine. Began December 3 and finished December 16, 1897.

*Bulkhead foot of Seventy-seventh Street, N. R.*

Secretary's Order No. 17600.—The structures comprising the coal yard of Theodor & Son was removed and premises graded. Began November 10 and finished November 20, 1897.

*Bulkhead between Seventy-third and Seventy-ninth Streets, N. R.*

Secretary's Order No. 17611.—Fenders were refastened, two mooring-posts set and backing-log repaired. Began November 1 and finished November 4, 1897.

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

Secretary's Order No. 17180.—The dumping board on the pier, formerly occupied by John A. Bouker, was removed. Began May 8 and finished May 15, 1897.

Secretary's Order No. 17539.—Backing-log, mooring-posts and chocks on the pier were placed and repaired and sheathing on pier patched. Used 5,588 feet, B. M., of yellow pine. The pavement at the entrance to pier was also repaired. Began July 10 and finished August 13, 1897.

Secretary's Order No. 17403.—The Murphy shanty on the south side was torn down, site filled in with earth and graded. Began October 9 and finished October 20, 1897.

Secretary's Order No. 17613.—Four half-round oak fenders were put on the pier and fastened. Began and finished November 3, 1897.

*Between Seventy-ninth and Eighty-third Streets, N. R.*

Secretary's Order No. 17687.—Excavation was made to examine and ascertain repairs required to sewer box thereat. Began September 2 and finished September 10, 1897.

Secretary's Order No. 17523.—Sewer box was repaired and the proper filling-in and grading was done; used 821 feet, B. M., of 4-inch spruce. Began September 16 and finished September 22, 1897.

*Bulkhead and Approach foot of Ninety-sixth Street, N. R.*

Secretary's Order No. 17418.—The pavement at approach was repaired and sheathing patched; the bulkhead was blocked up; used 5,005 feet, B. M., of 3-inch spruce and 416 feet, B. M., of yellow pine. Began August 11 and finished August 30, 1897.

*Foot of Ninety-sixth Street and Bulkhead between Ninety-seventh and Ninety-eighth Streets, N. R.*

Secretary's Order No. 17606.—The pavement was graded and repaired. Began April 24 and finished May 6, 1897.

*Pier at One Hundred and Twenty-ninth Street, N. R.*

Secretary's Order No. 17147.—Fender piles were driven, chocks, mooring-posts and sheathing repaired; used 4,000 feet, B. M., of Oregon pine, 1,071 feet yellow pine, and 4,072 feet, B. M., of 3-inch spruce. Began May 15 and finished May 29, 1897.

Secretary's Order No. 17601.—The sheathing on pier was patched with 130 feet, B. M., of 3-inch spruce. Began October 16 and finished November 1, 1897.

*Bulkhead between One Hundred and Thirty-first and One Hundred and Thirty-second Streets, N. R.*

Secretary's Order No. 17420.—The pavement on bulkhead was repaired. Began August 25 and finished September 18, 1897.

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

Contract No. 372.—Repairing and extending pier at One Hundred and Thirty-second street, North river, by Steers & Bonnell, contractors. Finished December 13, 1897.

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

Secretary's Order No. 17337.—The pavement at entrance to pier was graded and repaired; sheathing on pier patched. Used 3,000 feet, B. M., of 3-inch spruce and 8,288 feet, B. M., of yellow pine. Began June 25 and finished July 10, 1897.

Secretary's Order No. 17604.—The sheathing on pier was patched. Used 1,045 feet, B. M., of 3-inch spruce. Refastened piles. Began October 30, 1897; in progress.

Secretary's Order No. 17602.—The planking on which the storage-house of Homer Ramsdell Transportation Company stood was repaired. Used 1,570 feet, B. M., of 3-inch yellow pine. Began November 30 and finished December 2, 1897.

*Pier at One Hundred and Thirty-fourth Street, N. R.*

Secretary's Order No. 17171.—The sheathing on pier where bath is located was patched. Used 1,604 feet, B. M., of 3-inch yellow pine. Began and finished July 2, 1897.



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

Secretary's Order No. 17510.—The sheathing on pier was patched. Used 10,086 feet, B. M., of 3-inch spruce. Began October 21 and finished October 26, 1897.

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

Secretary's Order No. 17506.—The sheathing on pier was patched. Used 3,940 feet, B. M., of 3-inch spruce. Began October 27 and finished October 29, 1897.

*PIERS AND BULKHEADS ON THE NORTH RIVER.*

Secretary's Order No. 17426.—Painting numbers and designation on pier in conjunction with piers on the East and Harlem rivers. Began May 18 and finished November 5, 1897.

*REPAIRING PERMANENT PAVEMENT.**Pier "A" and West Eleventh Street.*

Secretary's Order No. 17592.—Granite pavement at various places between Pier "A" and West Eleventh street was taken up and relaid in grade where necessary.

Gravel removed from vicinity of Piers, new 53, 54 and 55, was stored at truck pound. April 24 to June 25, 1897.

Secretary's Order No. 17348.—Granite pavement at various places between Pier "A" and West Eleventh street was taken up and relaid in grade.

Secretary's Order No. 17532.—Granite pavement at various places between Pier "A" and West Eleventh street was taken up and relaid in grade. Began September 18, 1897; in progress.

*Pier, new 42.*

Secretary's Order No. 17579.—Granite pavement at entrance to pier was taken up and relaid to grade. Began November 16 and finished November 13, 1897.

*Pier, new 57.*

Secretary's Order No. 17656.—Granite pavement south of pier was taken up and relaid to grade. Began December 6 and finished December 7, 1897.

*Pier, new 59.*

Secretary's Order No. 17502.—Granite pavement at entrance to pier was taken up and relaid to grade. Began September 10 and finished December 3, 1897.

*EAST RIVER.**Pier, new 6, E. R.*

Secretary's Order No. 17502.—150 lineal feet of oak spring pier were driven, necessary chocks put on and sheathing patched. Used 6,418 feet, B. M., of 3-inch spruce. Began May 22 and finished September 9, 1897.

Engineer's Order.—The dock hydrants on Pier, new 6, East river, were repaired. Began and finished September 29, 1897.

Secretary's Order No. 17401.—Two dock hydrants were repaired. Began August 12 and finished August 18, 1897.

*Bulkhead between Piers, new 6 and old 6, E. R.*

Secretary's Order No. 17684.—New courses of timber were placed, 41 half-round oak fenders were put on, the pavement (kerot) was repaired. Used 3,420 feet, B. M., of yellow pine. Began November 23, 1897; in progress.

*Pier 12, E. R. (west half).*

Secretary's Order No. 17699.—Beating piles were driven, fenders and chocks put on. Began December 20, 1897; in progress.

*Pier 18, E. R.*

Secretary's Order No. 17457.—Repairs were made to the sheathing on the westerly half of the pier and to the shed thereon. Began August 16 and finished September 7, 1897.

*Pier 19, E. R. (west half).*

Secretary's Order No. 17415.—The deck of pier was repaired. Used 650 feet, B. M., of 3-inch yellow pine. Began November 20, 1897; in progress.

Secretary's Order No. 17497.—Repairs were made to the sheathing on Pier 19, East river, near the approach to the pier. Began and finished September 22, 1897.

Secretary's Order No. 17546.—Temporary repairs were made to the deck sheathing on the easterly side of pier. Began and finished September 22, 1897.

*Pier, new 20, E. R.*

Secretary's Order No. 17570.—The pavement at entrance to pier was repaired, 115 lineal feet of oak spring piles were driven, backing-log, fenders, vertical and horizontal chocks removed. Used 40 pounds chain, 1,120 feet, B. M., of yellow pine. Began September 20 and finished November 15, 1897.

*Pier, new 32, E. R.*

Secretary's Order No. 17113.—Spring and fender piles were driven, chocks put on and vertical sheathing on outer end of pier was repaired. Began August 26 and finished August 28, 1897.

*Pier 35, E. R.*

Secretary's Order No. 16578.—Fence was repaired, piles were driven inshore and planked up filled in with stone and earth to prevent caving. In progress.

*Pier 43, E. R.*

Secretary's Order No. 17318.—The sheathing on pier was patched with 12,040 feet, B. M., of 3-inch spruce, horizontal and vertical chocks renewed and fender piles driven. Began June 22 and finished September 4, 1897.

*Pier 44, E. R.*

Secretary's Order No. 17512.—The sheathing was patched with 3,000 feet, B. M., 3-inch spruce; pavement at entrance repaired. Began September 23 and finished October 2, 1897.

*Pier 48, E. R.*

Secretary's Order No. 17141.—Spring piles were fastened and chocks put on, and sheathing on pier patched. Used 7,220 feet, B. M., of 3-inch and 4-inch spruce. Began June 24 and finished August 25, 1897.

Secretary's Order No. 17636.—The sheathing on pier was patched. Used 1,697 feet, B. M., of 3-inch yellow pine and 1,600 feet B. M., of 3-inch spruce. Began October 28 and finished December 28, 1897.

*Pier 55, E. R.*

Secretary's Order No. 17526.—Repairs were made to the deck sheathing. Began September 21 and finished September 22, 1897.

Secretary's Order No. 17644.—Repairs were made to oak fender and deck sheathing on pier. Began November 23 and finished November 24, 1897.

*Pier 61, E. R.*

Secretary's Order No. 17499.—The sheathing on pier was patched and chocks put on, spring piles driven and fenders put on. Used 1,237 feet, B. M., of yellow pine. Began November 23 and finished December 9, 1897.

*Pier 62, E. R.*

Secretary's Order No. 17226.—Spring piles were refastened, chocks put on and approach repaired. Used second-hand material. Began June 28 and finished June 29, 1897.

Secretary's Order No. 17595.—Repairs were made to the plank roadway between Pier 62 and Tompkins street. Began October 20 and finished October 21, 1897.

*East Third Street, E. R.*

Secretary's Order No. 17446.—Repairs were made to the deck sheathing on the pier. Began August 13 and finished August 23, 1897.

Secretary's Order No. 17618.—Repairs were made to the deck sheathing on the pier. Began October 22 and finished October 29, 1897.

*Pier at Eighth Street, E. R.*

Secretary's Order No. 17754.—This pier was fenced off from public use with second-hand material. Began December 20 and finished December 21, 1897.

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

Secretary's Order No. 17544.—Repairs were made to the sheathing on the lower deck of the pier September 23 and 24, October 30 to November 22 and December 2, 1897. Order held for further prosecution of work, after the work at present progressing under Contract Nos. 609 and 615 shall have been completed.

*East Twenty-ninth Street, E. R.*

Under Engineer's Order.—Repairs were made to the deck sheathing on the pier; also one fender pile and one fender chock were refastened to place. Began August 7 and completed August 9, 1897.

*Pier at East Twenty-eighth Street.*

Secretary's Order No. 15719.—The sheathing on the pier was repaired April 3, May 13, July 20 to 24, August 18, September 16 to 24 and October 23 to 25, 1896.

Under Contract No. 578.—The pier was repaired in accordance with the specifications of the contract (No. 578) by Bernard Ruff. Began May 8 and completed June 4, 1897.

Secretary's Order No. 17235.—The United States Ship "New Hampshire" was moved from its berth to the inner end of the pier foot of East Twenty-eighth street on account of repairs to the pier under Contract No. 578, and four launches of pier were driven to head out the ship from pier, and assistance given in relaunching it; also dock and mooring post were replaced at inner southerly side of the pier. Began May 20 and finished June 3, 1897.

Secretary's Order No. 17502.—The necessary change in breaking off piles for the United States Ship "New Hampshire," was made to facilitate use of coal chute. Began September 30 and finished October 12, 1897.

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

Secretary's Order No. 17241.—The pavement to the approach to pier was repaired in accordance with this order. Began May 24 and finished May 26, 1897.

Secretary's Order No. 17513.—The sheathing on pier was patched with 6,440 feet, B. M., of 3-inch spruce. Began June 17 and finished June 25, 1897.

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

Secretary's Order No. 17268.—The sheathing on pier was patched (used 10,025 feet, B. M., of 3-inch spruce). Began June 9 and finished June 25, 1897.

Secretary's Order No. 17509.—Repairs were made to the pier consisting in driving three new fender piles at the water end, refastening two old fender piles on the southerly side and repairing the sheathing. Began July 23 and completed July 29, 1897.

Secretary's Order No. 17731.—Necessary temporary repairs were made to the deck sheathing on the pier. Began December 10 and completed December 14, 1897.

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

Secretary's Order 17109.—The pavement at entrance to pier was graded and repaired. Began May 6 and finished May 10, 1897.

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

Secretary's Order No. 17542.—Chocks were renewed and sheathing on pier patched with 1,490 feet, B. M., of 3-inch spruce. Began September 30 and finished October 4, 1897.

*Bulkhead and Dock Foot of Thirty-ninth Street, E. R.*

Secretary's Order No. 17364.—Outer piles, backing-piles and chocks were repaired, horizontal sheathing on outer end renewed and sheathing on pier patched. Used 1,036 feet, B. M., of yellow pine. Began September 17 and finished September 26, 1897.

*Bulkhead Foot of Fifty-third Street, E. R.*

Secretary's Order No. 17314.—The planking on bulkhead was repaired. Used 407½ feet, B. M., of 3-inch spruce. Began June 21 and finished June 22, 1897.

Secretary's Order No. 17582.—Front timbers, braces, the logs, backing-log and mooring posts were renewed. Used second-hand material, 288 feet, B. M., of new yellow pine and 10 half-round oak fenders; relaid pavement with second-hand blocks. Began October 12 and finished December 25, 1897.

*Pier at East Sixty-third Street, E. R.*

Secretary's Order No. 17593.—Repairs were made to the deck sheathing on the pier. Began September 7 and finished September 14, 1897.

*Bulkhead Platform between Sixtieth and Sixty-third Street, E. R.*

Secretary's Order No. 17616.—The sheathing on platform was repaired. Used 300 feet, B. M., of 3-inch spruce. Began and finished November 9, 1897.

*Bulkhead Platform Foot of Sixty-first Street, E. R.*

Secretary's Order No. 17614.—The sheathing on platform was repaired. Used 235 feet, B. M., of 3-inch spruce. Began and finished November 31, 1897.

*Bulkhead Platform between Sixty-first and Sixty-second Street, E. R.*

Secretary's Order No. 17615.—Mooring post set and sheathing on platform patched. Used 1,000 feet, B. M., of 3-inch spruce. Began November 3 and finished November 8, 1897.

*Pier at East Sixty-second Street, E. R.*

Secretary's Order No. 17504.—Repairs were made to the deck sheathing on the pier. Also one fender pile at the northeast corner of the pier was replaced. Began September 9 and finished September 14, 1897.

Secretary's Order No. 17761.—The were driven and fastened, the sheathing on pier patched. Used 1,495 feet, B. M., of 3-inch spruce. Began December 30, 1897; in progress.

*Between East Sixty-second and Sixty-third Street, E. R.*

Secretary's Order No. 17599.—The premises between East Sixty-second and Sixty-third streets, on the East river, as described by meter and bounds in resolution of Board adopted August 6, 1897, were taken possession of, in accordance with the order. The claimants of property adjacent westerly having built a fence, usually on the westerly line of the marginal street to inclose their ground, the City property was thus accurately defined and a survey of the area inclosed by fence, as well as a tracing of the numerous buildings the northerly and of the City property were made and placed on file in the office of the Engineer-in-Chief. Began October 11 and finished November 1, 1897.

*Bulkhead at Seventy-fifth Street, E. R.*

Secretary's Order No. 17316.—The planking on bulkhead was repaired. Used 500 feet, B. M., of 3-inch spruce. Began and finished June 19, 1897.

*Bulkhead Foot of Seventy-sixth Street, E. R.*

Secretary's Order No. 17315.—The planking on bulkhead was patched. Used 1,050 feet, B. M., of 3-inch spruce. Began June 17 and finished June 18, 1897.

Secretary's Order No. 17597.—Repairs were made to the platforms and approach at the bulkhead foot of East Seventy-sixth street, East river. Began September 15 and finished September 16, 1897.

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

Secretary's Order No. 17519.—The fence along shore was repaired. Began September 13 and finished October 23, 1897.

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

Secretary's Order No. 17343.—The pavement at entrance to pier was graded and repaired. Sheathing on pier patched with 1,000 feet, B. M., of 3-inch spruce. Dock Master's office also repaired. Began June 12 and finished June 22, 1897.

Secretary's Order No. 17716.—One second-hand fender pile was driven and sheathing on pier patched. Used 280 feet, B. M., of 3-inch yellow pine. Began and finished December 18, 1897.

*Lower Pier Foot of Eighty-sixth Street, E. R.*

Secretary's Order No. 17717.—Mooring post set and sheathing on pier was patched; one oak spring pile was driven fastened and chocked. Used 1,105 feet, B. M., of 3-inch yellow pine. Began December 17 and finished December 18, 1897.

*Pier Foot of Ninety-first Street, E. R.*

Secretary's Order No. 17215.—The sheathing on the pier was repaired. Began May 18 and finished June 19, 1897.

Secretary's Order No. 17419.—The sheathing on pier was patched. Used 5,134 feet, B. M., of 4-inch spruce. The pavement at entrance was repaired. Began August 7 and finished August 21, 1897.

Secretary's Order No. 17654.—Repairs were made to the deck sheathing on the pier. Began November 19 and finished November 22, 1897.

*Pier Foot of Ninety-fifth Street, E. R.*

Secretary's Order No. 17361.—The sheathing on pier was patched. Used 2,515 feet, B. M., of 3-inch spruce. Began July 27 and finished July 30, 1897.

Secretary's Order No. 17655.—Repairs were made to the backing-log on the pier. Began and finished November 18, 1897.



*Pier East of Ninety-sixth Street, E. R.*

Secretary's Order No. 17348.—The sheathing on pier was patched. Used 516 feet, B. M., of 3-inch spruce. Began July 30 and finished August 2, 1897.

Secretary's Order No. 17351.—Repairs were made to the deck sheathing on the pier. Began September 29 and finished October 1, 1897.

Secretary's Order No. 17705.—Repairs were made to the deck sheathing and fender chocks on the northerly side of the pier. Work begun and finished December 22, 1897.

*Bulkhead East of Ninety-seventh Street, E. R.*

Secretary's Order No. 17105.—The bulkhead was rebuilt from low water up with second-hand material. Began May 1 and finished May 13, 1897.

*Pier at One Hundredth Street, H. R.*

Secretary's Order No. 17505.—Repairs were made to the deck sheathing on the pier. Began September 15 and finished September 20, 1897.

*Bulkhead at One Hundred and Sixth Street, H. R.*

Secretary's Order No. 17292.—Repairs were made to the bulkhead, consisting of filling in several dangerous holes caused by the action of surface water in the rear of the bulkhead-wall. Began June 5 and finished June 7, 1897.

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

Secretary's Order No. 17710.—Backing-log and front timbers were put on, fender piles were redriven and checked, deck patched. Used 1,467 feet, B. M., of yellow pine. Began December 10 and finished December 14, 1897.

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

Secretary's Order No. 17910.—The sheathing on pier was patched and approach repaired. Used 3,158 feet, B. M., 3-inch and 4-inch spruce. Began August 2 and finished August 6, 1897.

Secretary's Order No. 17663.—The sheathing on pier was patched. Used 2,321 feet, B. M., of 3-inch yellow pine. Began December 15 and finished December 16, 1897.

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

Secretary's Order No. 17545.—New planking laid on bulkhead. Used 2,228 feet, B. M., of yellow pine. Began November 9 and finished November 11, 1897.

*Bulkhead foot of One Hundred and Thirty-sixth Street, H. R.*

Secretary's Order No. 17640.—The pavement on bulkhead was repaired, mooring post set, 6 half-round oak fenders were put on and backing-log repaired. Used 302 feet, B. M., of yellow pine. Began November 4 and finished November 17, 1897.

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

Secretary's Order No. 17648.—The pavement on bulkhead was repaired. Began November 9 and finished November 17, 1897.

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

Secretary's Order No. 17548.—The planking on the roadway was repaired with second-hand material. Began June 19 and finished June 21, 1897.

Secretary's Order No. 17042.—The pavement was repaired. Began July 29 and finished August 14, 1897.

Secretary's Order No. 17023.—Mooring post was set on bulkhead and fenders put on—6 half-round fenders; backing-log was repaired. Began November 8 and finished November 17, 1897.

*Bulkhead foot of One Hundred and Thirty-ninth Street, H. R.*

Secretary's Order No. 17042.—The pavement on bulkhead was graded and repaired. Began July 29 and finished August 14, 1897.

Secretary's Order No. 17644.—Backing-log repaired and 7 half-round oak fenders put on and mooring post set. Began November 8 and finished November 17, 1897.

*Bulkhead foot of One Hundred and Fortieth Street, H. R.*

Secretary's Order No. 17042.—The pavement on bulkhead was repaired. Began July 29 and finished August 28, 1897.

Secretary's Order No. 17621.—6 half-round oak fenders were put on and backing-log repaired. Began November 8 and finished November 17, 1897.

*Platform at Seventh Avenue*

Contract No. 303.—Repairing platform foot Seventh Avenue, Harlem river, by W. H. Jenks, contractor. Began October 5 and finished November 17, 1897.

*Pier foot of Main Street, Westchester.*

Secretary's Order No. 17304.—Repairs were made to end of pier, piles, braces, ties and fenders were renewed and pier thoroughly repaired; second-hand material was used. Began July 2 and finished July 20, 1897.

*Piers and Bulkheads on East and Harlem Rivers.*

Secretary's Order No. 17204.—Painting numbers and designations in connection with work on the North river. Began May 18 and finished November 5, 1897.

**FLOATING PROPERTY.**

The floating property of the Department consists of the following:

	BUILT.	LENGTH.	BREADTH.	DEPTH.	DRAUGHT.
		FL. IN.	FL. IN.	FL. IN.	FL. IN.
Deck Scow "A" .....	1897-72	70	31	14 1/2	10 3/4
Deck Scow No. 1 .....	1897	70	31	7 6	5
" " No. 2 .....	1897	70	31	7 6	5
" " No. 3 .....	1897	72	31	7 6	5
Deck Scow "B" .....	1897	40 6	31 1/2	7	5 1/2
Deck Scow "C" .....	1897	38	32 3	9 40	
Deck Scow "D" .....	1897	41 3	32 4	4 8	3 3
" " "E" .....	1897	41 4	32 3	3 7	3 9
" " "F" .....	1897	42	33	3	3 3
" " "G" .....	1897-90	40	32	3 6	3 10
" " "H" .....	1897-20	42 7	32 6	4 8	3 6
" " "I" .....	1897	43 4	33 3	4	3 9
" " "J" .....	1897	43 7	34 5	4	3 2
" " "K" .....	1897	45	33	3	3 4
" " "L" .....	1897	50 4	40	2 7 1/2	3 7 1/2
" " "M" .....	1897	50 4	41	3 7 1/2	3 7 1/2
" " "N" .....	1897	45	33	3	3 9
" " "O" .....	1897	40	33	3 6	3 20
" " "P" .....	1897	48	35	3 8	3 10
" " "Q" .....	1897	41	32	3	3 7
" " "R" .....	1897	43	32	3	3 7
Deck Scow "B" .....	1897	71	32	7	3 6
" " "C" .....	1897	70	31	7	3 6
" " "D" .....	1897	70	30	7	3 8
" " "E" .....	1897	34 4	16 3	8 5	3 3
" " "F" .....	1897	70	30	7 8	6

	BUILT.	LENGTH.	BREADTH.	DEPTH.	DRAUGHT.
Deck Scow "J" .....	1897-88	70	30	7 6	6
" " "K" .....	1883	70	30	7 6	6
" " "L" .....	1889	70	30	7 6	6
" " "M" .....	1892	70	30	7 6	6
" " "N" .....	1893	70	30	7 6	6
" " "O" .....	1894	70	30	7 6	6
" " "P" .....	1894	70	30	7 6	6
" " "R" .....	1897	48 4	20 6	3 8	2 6
" " "S" .....	1898	30 4	20	6 7	1 11
" " "U" .....	1898	70	30	7 6	6
Divers' Scow "A" .....	1888	34	19	3 6	18 1/2
" " "G" .....	1889	34	19	3	14
" " "N" .....	1889	34	17	3 6	16
" " "S" .....	1891	34	17	3 6	17
" " "T" .....	1894	34	17	3 6	1
Barre "Woodcock" .....	1470	28 2	14 5	3 4	8
Naphtha Launch No. 1 .....	1888	21	5	2 3	28
" " No. 2 .....	1893	21	5	2 3	3 10



June 20, 1895, repairing standard "A" moulds and cores, and stripping and setting up moulds and cores and making concrete bulkhead-wall blocks, 48 special "R" blocks, from No. 1 to No. 48 inclusive, containing 1,624.0 cubic yards, and 8 standard "A" blocks, from No. 62 to No. 69 inclusive, containing 366.66 cubic yards, were made. The force was also engaged in assisting in loading special "R" blocks and concrete material on scows on account of Gansevoort section, North river, resolution of Board, June 17, 1897.

3,000 barrels of Portland cement, under Treasurer's Orders Nos. 18604, 19076, 19080 and 19100, were received and tested, and the result reported and recorded.

1,140 cubic yards of broken stone for concrete, under Treasurer's Orders Nos. 19024 and 19183, and 306 cubic yards sand for concrete, under Treasurer's Order No. 19178, were received and stored in bins.

Samples of 2,511 barrels of Portland cement from East Twenty-fourth Street Yard, under Contract No. 555, were received, tested and the result reported and recorded.

Test was made from the following sample barrel of Portland cement, under a Secretary's order, and the result reported and recorded. Secretary's Order No. 17380. Unicorn Brand.

#### Borings and Examinations.

The Department's force, with Pile Driver No. 9 and Land and Woodcock Borers, were engaged making examinations on the East and North rivers on account of preparing plans and specifications, under Secretary's orders, for the following work:

In Oyster Basin and northward, under Secretary's Order No. 15606.  
Pier at Fifth street, North river, under Secretary's Order No. 17442.  
Bulkhead between One Hundred and Thirty-third and One Hundred and Thirty-fifth streets, North river, under Secretary's Order No. 11145.  
Bulkhead at One Hundred and Fifty-eighth street, North river, under Secretary's Order No. 17584; and  
Pier at Forty-seventh street, East river, under Secretary's Order No. 17427.  
Work was begun June 14 and finished October 21, 1897.

#### TIMBER BASIN ACCOUNT, SEVENTY-FIFTH STREET, N. R.

The Department's force was engaged from May 1, 1897, to December 31, 1897, receiving and inspecting yellow pine timber under Contracts Nos. 564, 596 and 607, and getting out and rafting timber for the following work:

Pier at Twenty-eighth street, East river, Contract No. 578.  
Pier at Thirty-fourth street, North river, under Contract No. 576.  
Pier at Nineteenth street, North river, under Contract No. 574.  
Pier at One Hundred and Thirty-second street, North river, under Contract No. 572.  
Pier at Twenty-fourth street, East river, under Contract No. 591.  
Pier at Eleventh street, North river, under Contract No. 594.  
Pier at Bathurst street, North river, under Contract No. 608.  
Pier at Canal street, North river, under Contract No. 583.  
Pier at One Hundred and Twelfth street, Harlem river, under Contract No. 605.  
Pier at Gansevoort street, North river, under Contract No. 603.  
Pier at Bank street, North river, under Contract No. 600.  
Pier at Rikers Island, under Contract No. 611.  
Pier at Forty-fourth street, North river, under Secretary's Order No. 17576.  
Pier at Eighteenth street, East river, under Secretary's Order No. 17259.  
Pier at One Hundred and Thirty-third street, North river, under Secretary's Order No. 17337.  
Pier at Seventy-ninth street, North river, under Secretary's Order 17339.  
Pier at Main street, Westchester, under Secretary's Order No. 17365.  
Pier at Thirty-fifth street, East river, under Secretary's Order No. 16378.  
Pier at Thirty-ninth street, East river, under Secretary's Order No. 17334.  
Pier at Thirty-eighth street, North river, under Secretary's Order No. 17508.  
Boat landing at Pier "A," North river, under Secretary's Order No. 17124.  
Store-house Dock, Blackwell's Island, under Secretary's Order No. 17531.  
Wharf at North Brothers Island, under Secretary's Order No. 17565.  
Gansevoort section, North river, resolution of Board, June 17, 1897.  
Murray street section, North river, resolution of Board, October 25, 1897.  
Improvement to West Fifty-seventh street yard, resolution of the Board, June 20, 1895.  
Derrick City of New York, under Engineer's orders.  
Deck scow "D," under Engineer's orders.

Statement of the transactions at the Timber Basin from the 30th of July last up to and including December 31, 1897.

Received under the following contracts:

Contract No. 564.....	75,360 feet.
" 596.....	3,112,562 "
" 607.....	1,366,167 "
	<u>4,754,089 feet.</u>

Transferred to Piers, Sections, General Repairs, Floating Property as below specified:

West Eleventh Street Pier.....	1,569,350 feet.
Bank Street Pier.....	288,835 "
Gansevoort Street Pier.....	505,495 "
East One Hundred and Twelfth Street Pier.....	324,779 "
Gansevoort Street Section.....	64,018 "
Floating Property.....	5,548 "
East Twenty-fourth Street Pier.....	37,318 "
West Fortieth Street Sewer.....	5,014 "
Bethune Street Pier.....	788,676 "
West One Hundred and Thirty-second Street Pier.....	232,012 "
Riker's Island.....	44,805 "
Pier, old 42, North river.....	46,065 "
Murray Street Section.....	61,269 "
General Repairs.....	67,438 "
West Thirtieth Street Pier.....	1,085 "
West Thirty-fourth Street Pier.....	5,937 "
	<u>4,049,444 feet.</u>

#### EAST TWENTY-FOURTH STREET YARD.

##### WORK DONE AT YARD.

May 1 to December 31, 1897.—Two thousand five hundred and eleven (2,511) barrels of cement delivered under Contract No. 555 were received, inspected and stored for Department use; also five hundred barrels of cement delivered under same contract on March 22, 1897, were accepted after due inspection. Samples of the cement were sent to the West Fifty-seventh Street Yard for testing. Granite (facing-stones) delivered under Contract No. 556, was received, inspected, classified and placed on storage piers at East Twenty-fourth and West Fifty-seventh Street Yards. Rejected granite was repaired and accepted, standard paving blocks were made by stone-cutters, from granite remnants, and the spawls from granite cuttings were broken into concrete stone of the standard size. Granite was dressed, huddled and loaded on scows and transferred to the North river for use on the work at Gansevoort Section. Tools were made, fitted and sharpened for use at same section. Iron-work and fittings were made for use at East Thirty-fourth street and Gansevoort Sections on the North river. Reference monuments were made from granite remnants for use of Department Surveying Corps in the Annexed District, under Secretary's Order No. 16638. Anchor stones were cut for use of Police Department, under Secretary's Order No. 17867. Iron fittings were made for general repairs and East river section work. Railroad iron was handled and strapped in bundles for sinking binding frames for use on the North river section work. Samples of iron for use on the work at East One Hundred and Twelfth street, Harlem river, under Contract No. 605, were sent to and tested at the West Fifty-seventh Street Yard. Second-hand material was loaded on scow and sent to the West Fifty-seventh Street Yard for improvements thereat. Straight edges were made for use on the North river. The serviceable portion of the old material of the Department removed from the East Twenty-fourth street Pier, under Secretary's Order No. 17265, and the timber left over from the temporarily suspended work of repairs under Secretary's Order No. 17544, were loaded on the block platform and East Twenty-fourth Street Pier for future disposal. The refuse timber and worthless sheathing from both of these works were loaded on scow and towed to the bulkhead at East One Hundred and Second street, Harlem river, to be given away to the poor people of the neighborhood.

##### MAINTENANCE OF YARD.

May 1 to December 31, 1897.—The traveling crane on the East Twenty-fifth Street Pier was repaired from time to time as required, by replacing broken bearing wheels, readjusting the "Z" shaped guards about the electrical conductors, repairing broken and making new trolleys and adjusting other attachments required for its successful working. The Yard engine, boiler, steam-pipes and fittings were overhauled, cleaned and repaired from time to time as required. Boiler was inspected by the Police Department on September 23, 1897. The electric signaling bells and connections for yard, shops and traveling crane were repaired and set in order. Repairs were

made to the yawl boat for use at yard. Shelving and benches were made and placed for use in the engine-room, also an incandescent electric light was fitted up to enable the engineman to read steam gauge. Gutters and leaders of the office building were cleaned and painted. The concrete-block platform was repaired. The shops, platforms, storage-rooms and bins were kept clean and regulated. The office premises, walls and driveways were kept in order, grass was cut and removed as required, and the property of the Department was watched and cared for.

#### SALE OF OLD MATERIAL AT PUBLIC AUCTION.

The following old material was sold at public auction on October 8, 1897, and was removed by the purchasers:

##### AT THE FOOT OF GANSEVOORT STREET, N. R.

###### Lot 1.

About 335 pile butts, average length 6 feet.  
About 25 pile butts, average length about 10 feet.  
About 152 pile butts, average length about 22 feet.  
About 60 pile butts, average length about 15 feet.  
About 250 old piles, average length about 25 feet.  
About 60 old piles, from 35 to 50 feet in length.

###### Lot 2.

About 75 pieces of flagstone.

###### Lot 3.

One pile of old galvanized iron, tin and metals of various sorts, about 35 cubic yards.

##### AT THE FOOT OF WEST THIRTY-FOURTH STREET, N. R.

###### Lot 4.

One raft of old timber, about 26 feet by 21 feet by about 3 feet deep.

##### AT THE TIMBER BASIN AT THE FOOT OF WEST SEVENTY-FIFTH STREET, N. R.

###### Lot 5.

Raft of old timber, about 36 feet by 20 feet, about 8 feet deep.  
Raft of old timber, about 38 feet by 24 feet, about 4 feet deep.  
Raft of old timber, about 40 feet by 21 feet, about 4 feet deep.  
Raft of old timber, about 50 feet by 25 feet, about 4 feet deep.  
Raft of old timber, about 33 feet by 20 feet, about 5 feet deep.  
Raft of old pile-tops, about 3 feet by 11 feet, about 5 feet deep.

#### GENERAL EXPENSE.

##### Pier "A."

Awnings were placed on windows of building and fixtures removed. Awnings were removed and stored and weather sashes were placed on windows and the steam protectors and electric bells repaired. Begun June 7 and finished December 10, 1897.

##### Between Pier "A" and West Fifty-seventh Street, N. R.

Secretary's Order No. 16912.—Silt basins on the newly made land were cleaned when required. Begun February 9 and finished November 15, 1897.

Secretary's Order No. 17714.—Silt basins on the newly made land were cleaned when required. Begun December 3, 1897; in progress.

##### Piers, new 22, 23 and 24, N. R.

Secretary's Order No. 16911.—Box drain on the newly made land in the vicinity of piers were cleaned when required. Begun February 9 and finished November 15, 1897.

Secretary's Order No. 17715.—Box drains on the newly made land in the vicinity of piers were cleaned when required. Begun December 3, 1897; in progress.

##### West Thirty-fifth Street.

Secretary's Order No. 17347.—Dock Master's office was removed from approach to pier at West Thirty-fourth to approach at foot of West Thirty-fifth street. Begun July 17 and finished July 21, 1897.

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

Secretary's Order No. 12837.—Maintenance of boat landing—A day and night man are occasionally detailed to watch and care for the landing of officers and sailors from man-of-war ships; two new oak piles were driven on December 27; in progress.

##### West Fifty-seventh Street.

Secretary's Order No. 17283.—Silt basins were loaded on truck for use under Contracts Nos. 581 and 586 for paving in the vicinity of Pier, new 13, and at Barclay street. Begun and finished June 3, 1897.

##### West Seventy-fifth Street, N. R., Timber Basin.

Engineer's Order.—A day and night man are detailed to watch and care for basin; in progress.

##### West Ninety-eighth Street.

The stand erected for use of employees of the Department to witness parade on Grant Day was removed. Begun May 1 and finished May 3, 1897.

##### East Twenty-fourth Street Office.

Secretary's Order No. 17554.—A room in the East Twenty-fourth street office was fitted and furnished for use of the Assistant Dock Superintendent. September 23 to December 11, 1897.

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

Secretary's Order No. 13282.—A day and night man are detailed to watch and care for these premises; in progress.

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

Engineer's Order.—A day man is detailed to watch and prevent the dumping of material on these premises; in progress.

#### DOCK MASTERS' OFFICES, ETC.

Secretary's Order No. 17207.—Repaired roof of Dock Master's office at East Eighty-sixth street. Begun July 21 and finished July 23, 1897.

Also made slight repairs to Dock Master's office at West Fifty-fifth street.

Also repaired doors and windows with new cords, hooks, etc., of Dock Master's office at Pier, old 42, North river.

Also repaired window-frames, etc., in Dock Master's office at West Seventy-fifth street, North river. Begun and finished August 2, 1897.

Also made necessary repairs to the Dock Master's office at One Hundred and Thirty-eighth street and Madison avenue, Harlem river. Begun September 2 and finished September 3, 1897.

Fitted up stove, stove-pipes and fittings and made necessary repairs to Dock Masters' offices at Pier, new 43, North river, East Third street, Canal street, Pier, new 6, East river, West Ninety-ninth street, West Thirty-fourth street, West Seventy-fifth street, East Sixty-second street, West Fifty-fifth street, Pier 48, East river, Bloomfield street, East Eighty-sixth street, and Pier, new 6, East river.

Secretary's Order No. 17347.—Made the necessary repairs and painting to Dock Master's office at Thirty-fifth street, North river. Begun July 20 and finished July 27, 1897.

Secretary's Order No. 17606.—Furnished and put up in place a sash door, furnished and fitted up stove pipes and repaired office at Truck Pound, foot Twenty-eighth street, North river. Finished November 23, 1897.

Secretary's Order No. 17640.—Put up iron pipe railing in office and painted office at East Third street.

Engineer's Order.—Repaired door, etc., in office at Bloomfield street. Made coal box for Dock Master's office at East Eighty-sixth street and placed same there on December 14, 1897.

Secretary's Order No. 17688.—Under the above order at work making tool-boxes for use on the water front for the use of men employed in cleaning piers, bulkheads and marginal streets, under the Dock Superintendent.

#### REPORT OF STOCK.

Report of Stock on Hand, Purchases, Fabricated and Issued from West Fifty-seventh Street Yard, for the Eight Months ending December 31, 1897.

Balance of stock on hand April 30, 1897.....	58,801 75
Purchased from May 1 to December 31, 1897.....	36,820 06
Purchased from May 1 to December 31, 1897 (no bills).....	249 00
Fabricated 8 Standard A blocks.....	1,870 95
Received from sections.....	1,018 58
Total to be accounted for.....	<u>\$68,760 34</u>



## Issued to the following:

Floating property	\$989 17
North river section	13,343 51
General repairs	691 35
Repairing Moulds A	106 30
Standard A blocks	1,275 36
West Fifty-seventh Street Yard	478 44
Surveying party	95 64
Erection of stand at Ninety-eighth street, Riverside Drive	42 59
Recreation Pier at Third street, East river	7 67
Concrete-block platform	3 40
Timber basin	542 45
Pier "A," North river	44 81
Borings on North river	30 88
Improvement West Fifty-seventh Street Yard	311 33
East river section	144 38
Examinations on East river	19 60
Dock Superintendent	48 83
Sherman's creek, Harlem river	35,038 15
Riker's Island Pier	812 68
Disposing of old piles and timber	24 56
Balance of stock on hand December 31, 1897	14,868 92
<b>Total</b>	<b>\$68,760 34</b>

## Report of Stock on Hand, Purchased and Received from North River Sections, and Issued from the East Twenty-fourth Street Yard, during the Eight Months ending December 31, 1897.

Balance of Stock on hand April 30, 1897	\$3,954 70
Purchased from April 30, 1897, to December 31, 1897	159,205 59
Purchased (no bills)	13 45
Received from West Fifty-seventh Street Yard	183 67
Received from "Floating Property"	147 35
Received from "General Repairs" (on North river)	131 58
Received from North river sections	1,561 42
Received from Timber Basin (on North river)	13,556 00
<b>Total to be accounted for</b>	<b>\$178,833 76</b>

## Issued as follows:

To "General Repairs" (on North river)	\$93 25
To sections on the North river	626 38
To sections and work on the East river	166,112 19
To Annexed District	263 62
To balance on hand December 31, 1897	11,738 32
<b>Total</b>	<b>\$178,833 76</b>

## Statement of Granite, East Twenty-fourth Street Yard, May 1 to December 31, 1897.

Contract or Treasurer's Order Number Received Under	DATE OF CONTRACT OR TREASURER'S ORDER	ON HAND, MAY 1, 1897	RECEIVED DURING THE YEAR	RETURNED FROM SECTIONS	ISSUED TO SECTIONS	BALANCE ON HAND DECEMBER 31, 1897	AVERAGE PRICE PER CUBIC FOOT	AMOUNT
Headed and squared	Treasurer's Order No. 1268	Feb. 4, 1880	19.5			19.5	\$1.52	\$29.30
	" 1298	Mar. 17, " "	19.2			19.2	50	9.60
	" 1487	Oct. 4, " "	26.7			26.7	38	10.14
	" 1611	June 15, 1892	188.1			188.1	84	15.80
	Contract No. 10	Mar. 16, 1880	18.08			18.08	54	9.87
	" 488	" 25, 1888	14.5			14.5	4.57	6.64
	" 528	July 11, 1890	15.2			15.2	97	14.74
	" 157	Nov. 5, " "	151.7			151.7	95	14.40
	" 173	May 4, 1894	200.4			200.4	98	19.61
	" 167	Oct. 27, " "	204.1			204.1	97	19.80
	" 328	" 28, " "	1,343.2			1,343.2	91	122.68
	" 414	Mar. 21, 1895	4,286.2			4,286.2	97	415.80
	" 411	Apr. 14, " "	4,078.7			4,078.7	99	403.81
	" 416	" 25, 1897	6,145.7			6,145.7	1.21	7,435.11
	" 413	Sept. 18, " "	7,351.3			7,351.3	97	712.91
	" 427	" 22, " "	3,428.0			3,428.0	95	325.75
	" 429	Dec. 18, 1896		5,173.4		5,173.4	96	506.50
	" 427	Nov. 1, 1890	74.2			74.2	7.73	57.52
	" 472	May 4, 1891	29.7			29.7	1.13	33.56
	" 498	Oct. 28, " "	103.9			103.9	1.11	115.32
	" 494	Mar. 20, 1892	1,173.9			1,173.9	1.23	1,443.28
	" 414	Apr. 14, " "	2,149.4			2,149.4	1.15	2,471.63
	" 415	Sept. 12, 1893	5,480.6			5,480.6	1.37	7,507.80
	" 457	" 22, " "	2,815.6			2,815.6	1.34	3,794.08
			45,734.68	5,373.4		40,361.28		\$40,361.28
Paving blocks	Contract No. 187	Nov. 5, 1890	Number 13841			Number 13841	Per 1,000 \$70.00	\$968.87

## WORK DONE FOR OTHER DEPARTMENTS.

## WORK DONE FOR FINANCE DEPARTMENT.

During the past eight months the Department tag has been in the service of the City Paymaster for 176½ hours.

Also filed tags were in the service of the City Paymaster for 13½ hours, under Treasurer's Order No. 15914, on May 13 and 20, 1897, and under Treasurer's Order No. 16026 for 16 hours on August 12 and September 9, 1897.

## WORK DONE FOR DEPARTMENT OF CHARITIES.

## Charity Landing, Blackwell's Island.

Secretary's Order No. 17506.—Spring oak piles were renewed and platform repaired. Used 569 lineal feet oak piles and 1,320 feet, B. M., of yellow pine. Begun September 10 and finished September 16, 1897.

## Store-house Dock, Blackwell's Island.

Secretary's Order No. 17531.—Oak spring piles (343 lineal feet) were driven and fastened, also chocks, backing-log and dock repaired. Used 1,154 feet, B. M., of yellow pine. Begun September 21 and finished September 27, 1897.

## WORK DONE FOR DEPARTMENT OF PUBLIC WORKS.

## Public Baths.

Necessary repairs were made for reception of baths at the following locations, and at close of season baths were removed and locations restored for commercial use:

- Secretary's Order No. 17171.—Bathery Bath.
- Secretary's Order No. 17171.—Foot of Duane street, North river.
- Secretary's Order No. 17171.—Foot of Twentieth street, North river.
- Secretary's Order No. 17171.—Foot of Fifth street, North river.
- Secretary's Order No. 17171.—Foot of One Hundred and Thirty-fourth street, North river.
- Secretary's Order No. 17171.—Foot of Market street, East river.
- Secretary's Order No. 17171.—Foot of Grand street, East river.
- Secretary's Order No. 17171.—Foot of Fifth street, East river.
- Secretary's Order No. 17171.—Foot of Eighteenth street, East river.
- Secretary's Order No. 17171.—Foot of Twenty-ninth street, East river.
- Secretary's Order No. 17171.—Foot of Fifty-first street, East river.
- Secretary's Order No. 17171.—Foot of Ninety-first street, East river.
- Secretary's Order No. 17171.—Foot of One Hundred and Twelfth street, Harlem river.
- Secretary's Order No. 17171.—Bulkhead between One Hundred and Thirty-sixth and One Hundred and Fortieth streets, Port Morris.

Begun June 1 and finished October 1, 1897.

Secretary's Order No. 17271.—Bulkhead between Piers, new 24 and 25, North river. Begun June 2 and finished September 25, 1897.

## Piers, new 23 and 24.

Secretary's Order No. 17092.—Pavement was taken up and relaid to enable the Department of Public Works to repair fire-hydrant on the bulkhead. Begun May 16 and finished May 21, 1897.

## East Twenty-fourth Street.

Secretary's Order No. 17266.—Pipe was removed from Pier for the Department of Public Works. Begun and finished June 7, 1897.

## FOR THE HEALTH DEPARTMENT.

## Bulkhead between East Sixteenth and East Seventeenth Streets.

Secretary's Order No. 17399.—Stairways were cut and necessary repairs and additions were made at the bulkhead by the Department force. Begun July 29 and finished August 9, 1897.

## Boat Landing at One Hundred and Thirty-eighth Street, Port Morris.

Secretary's Order No. 16760.—Two fender piles were driven and braces placed and fastened. Begun September 27 and finished September 29, 1897.

## Wharf at North Brother Island.

Secretary's Order No. 17565.—The planking on approach and wharf was renewed; also, mooring-posts, braces, spring and bearing piles and half round oak fenders. Used 18,018 feet, B. M., of 3-inch spruce and 2,272 feet, B. M., of yellow pine. Begun October 5 and finished November 3, 1897.

## WORK DONE FOR FIRE DEPARTMENT.

## Pier at Fifth Street, E. R.

Secretary's Order No. 17286.—Preparing berth for fire-boat "Havemeyer"; 6 oak spring piles were driven and fastened. Begun June 24 and finished June 26, 1897.

## FOR THE POLICE DEPARTMENT.

## Foot of East One Hundred and Twenty-second Street, H. R.

Secretary's Order No. 17667.—4 granite anchors were made and eye-bolts fitted in same for use of the Police Department at East One Hundred and Twenty-second street, Harlem river. Begun November 10 and finished November 12, 1897.

## WORK DONE FOR DEPARTMENT OF CORRECTIONS.

## Pier at Twenty-sixth Street, E. R.

Secretary's Order No. 17552.—1 oak spring pile (45 lineal feet) was driven and vertical chocks put on. Begun November 4 and finished November 5, 1897.

This work was done for both the Departments of Charities and Correction.

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

Secretary's Order No. 17547.—111 lineal feet of oak spring piles were driven, 6 half round oak fenders were put on and iron cleat placed and fastened. Begun November 6 and finished November 8, 1897.



## RECAPITULATION OF DREDGING DONE FOR STREET CLEANING DEPARTMENT.

LOCALITY.	AMOUNT CUBIC YARDS.	AUTHORIZATION.	BEGUN.	FINISHED.
Canal street, North river, dumping-board.	400	Contract No. 600.	Sept. 19, 1897	Sept. 19, 1897
West Ninety-ninth street, North river, dumping-board.	68	Contract No. 604.	Aug. 29, "	Aug. 29, "
West Forty-seventh street, North river, dumping-board.	2,583	Contract No. 601.	" 29, "	" 29, "
East Thirty-eighth street, East river, dumping-board.	218	Contract No. 598.	Oct. 6, "	Oct. 6, "
East Eighth street, East river, dumping-board.	219	Contract No. 365.	Dec. 31, "	In progress.
Lincoln avenue, Harlem river, dumping-board.	676	Contract No. 370.	Apr. 30, "	May 1, 1897

## WORK DONE FOR OWNERS, LESSEES, ETC.

WORK DONE FOR ALLEGED OWNERS, LESSEES AND OTHERS BY AGREEMENT WITH SAME, OR ON THEIR REFUSAL OR NEGLECT TO COMPLY WITH THE ORDER OF THE BOARD, AND AT THE EXPENSE OF THE PARTIES FOR WHOM THE WORK WAS DONE.

## NORTH RIVER.

## Battery Steamboat Landing.

Secretary's Order No. 17450.—The damage done to cluster piles by steamboat "W. Fletcher" was repaired; 154 lineal feet of oak piles were driven in cluster and fastened. Also used 75 pounds of chains. Cost to be collected from New York Harbor Towing Company. Begun August 9 and finished August 10, 1897.

## Pier, new 13.

Secretary's Order No. 17730.—Granite pavement taken up by the Consolidated Gas Company was taken up and relaid to grade. Begun December 4 and finished December 16, 1897.

## Chambers Street.

Secretary's Order No. 16893.—Detective poles at Chambers, Harrison and Jay streets, along westerly side of West street, were reset and the pavement removed was relaid. Begun January 11 and finished June 1, 1897.

## Pier, new 26.

Secretary's Order No. 17651.—Granite pavement taken up by the Standard Underground Cable Company to connect pier with subway was relaid. Begun November 6 and finished November 10, 1897.

## Pier, new 34.

Secretary's Order No. 17536.—Pavement in front of pier was taken up to enable H. C. Calkin, Jr., to make repairs to water-pipe and was then relaid to grade. Begun September 18 and finished September 20, 1897.

Secretary's Order No. 17559.—Pavement in front of pier was taken up to enable H. C. Calkin, Jr., to make repairs to water-pipe and was then relaid. Begun October 4 and finished October 6, 1897.

## Pier, new 40.

Secretary's Order No. 17582.—Pavement was taken up and relaid to enable Thomas J. Kelly to repair water-pipe leading to pier. Begun July 14 and finished July 20, 1897.

Secretary's Order No. 17424.—Pavement in front of pier was taken up and relaid to grade to enable Thomas J. Kelly to make repairs to water-pipe. Begun July 29 and finished August 3, 1897.

## Christopher Street.

Secretary's Order No. 17190.—Pavement taken up by H. C. Calkin, Jr., to make repairs to water-pipe for the Central Cross-town Railway Company, was relaid. Begun April 30 and finished May 4, 1897.

## West Eleventh Street.

Secretary's Order No. 17599.—Piles were furnished, driven and secured in place in rear of bulkhead-wall foundation to facilitate the work of building shed by R. P. & J. H. Staats. Begun October 20, 1897; suspended.

## Gansevoort Section.

Secretary's Order No. 17426.—Department scows were furnished to Patrick Costello to transport the paving blocks removed from the Gansevoort Section which were to be used on the work of paving at West Fifty-first street under Contract No. 592. Begun July 29 and finished October 16, 1897.

## Pier, old 56½.

Secretary's Order No. 17267.—Five piles were driven and a gangway cut in the north side of pier for the New York and Long Branch Steamboat Company. Begun June 2 and finished June 7, 1897.

## Pier, old 58½.

Secretary's Order No. 17214.—Nine piles were driven and the backing-log removed at the outer end of pier for the New York and Monmouth Park Steamboat Company. Begun May 11 and finished June 22, 1897.

## Pier, old 59.

Secretary's Order No. 17330.—Eleven piles were driven and gangway cut on the south side of pier for the New York and Long Branch Steamboat Company. Begun June 19 and finished June 28, 1897.

Secretary's Order No. 17336.—Two piles were driven and gangway cut on the north side of pier for J. M. Regan. Begun June 23 and finished June 28, 1897.

## West Twenty-second Street.

Secretary's Order No. 17567.—Damage done to the south side of pier by the dredge "America," was repaired at the expense of P. Sanford Ross. Begun October 13 and finished October 16, 1897.

## Piers, new 53 and 54.

Secretary's Order No. 17223.—Granite pavement taken up by the Pennsylvania Railroad Company to place separating posts in front of ferry was relaid. Begun and finished May 19, 1897.

## West Fifty-fourth Street.

Secretary's Order No. 16850.—Belgian block pavement was removed to enable the Sicilian Asphalt Paving Company to lay water-pipe across marginal street and was then relaid. Begun April 22 and finished May 5, 1897.

## Pier at One Hundred and Thirty-third Street, N. R.

Secretary's Order No. 17205.—The sheathing on pier was patched with 1,522½ feet, B. M., of 3-inch spruce, cost to be collected from Homer Ramsdell Transportation Company. Begun May 20 and finished May 21, 1897.

## Pier 19, E. R.

Secretary's Order No. 17546.—Repairs were made to the deck sheathing on the easterly or uptown side of Pier 19, East river. Cost of repairs was reported for collection from owners. Begun and finished September 22, 1897.

## Pier at Eighteenth Street, E. R.

Secretary's Order No. 17238.—This order calls for supervising the work of repairs to the Pier foot of East Eighteenth street, East river, by the Carroll Box and Lumber Company, under permit of the Board. The work was performed by the force of the Department of Docks, and the cost of same reported for collection from said company. Begun June 1 and finished June 8, 1897.

Secretary's Order No. 17259.—The pier, where damaged by lighter during a fog, was repaired by the Department force, as per request of the Carroll Box and Lumber Company, and cost of same reported for collection from said company. Begun June 1 and finished June 8, 1897.

## East Thirty-first Street, E. R.

Secretary's Order No. 17398.—Spring piles having been displaced by the tug-boat "John A. Rouker" of the Oceanic Steam Navigation Company, were refastened to place and the cost of same was reported for collection from said company. Begun July 23 and finished July 24, 1897.

## Bulkhead foot of One Hundred and Twenty-second Street, H. R.

Secretary's Order No. 17667.—A launch boat-landing was built for accommodation of Police Department; cost to be collected. Begun November 11 and finished November 15, 1897.

## CEMENT TESTS.

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

Secretary's Order No. 17380.—One barrel of "Unicorn" cement was tested for and at the expense of the Insular Navigation Company. Begun July 14, 1897, and finished July 21, 1897.

## DRAUGHTING ROOM.

REPORT FOR THE EIGHT MONTHS ENDING DECEMBER 31, 1897. SUMMARY OF WORK DONE IN DRAUGHTING ROOM.

## Plans, Specifications, Estimates and Studies for Contract Work.

Secretary's Order No. 17230.—To prepare plans and specifications for the foundations for the Recreation Building on the Pier at East Twenty-fourth street, East river. These plans and specifications were prepared by Mr. Parker, and the order was returned May 20, 1897. (Contract No. 591.)

Secretary's Order No. 16736.—To prepare plans and specifications for repairing platform at West One Hundred and Fifty-fifth street, Harlem river. The plans and specifications were forwarded with report submitted June 11, 1897. (Contract No. 595.)

Secretary's Order No. 17278.—To prepare plans and specifications for a new pier at the foot of East One Hundred and Twelfth street, Harlem river, with foundations for a recreation building. The plans and specifications for this work were forwarded with report submitted August 19, 1897. (Contract No. 605.)

Secretary's Order No. 10810.—To prepare plans and specifications for pier in place of Pier, old 57, East river. Plans and specifications were finished, but Pier, old 57, was removed by the Brooklyn and New York Ferry Company, and another pier in its place built 75 feet northerly thereof. Report returning the order submitted September 11, 1897.

Secretary's Order No. 17012.—To prepare plans and specifications for a crib-bulkhead extending from West One Hundred and Thirty-fifth street to about West One Hundred and Thirty-seventh street, North river. This order was rescinded, as the application of Mr. Proctor for increased wharfage at this point was withdrawn. The Secretary's Order was returned September 11, 1897.

Secretary's Order No. 15859.—To prepare plans and specifications for a pier at the foot of West Ninety-seventh street, North river, for the Department of Street Cleaning for the accommodation of steel dumping bins. Exclusive control of the approach to this pier was given to the Department of Parks by legislative enactment subsequent to the issuing of the Secretary's order. Plans and specification were finished, but the Department of Parks prohibited the Department of Street Cleaning from carting over this approach, thus rendering the use of the pier by the Department of Street Cleaning null and void. The Secretary's order was returned September 11, 1897.

Secretary's Order No. 17106.—To prepare plans and specifications for repairing and enlarging the Pier at Riker's Island, East river. Plans and specifications for this work were forwarded with report submitted September 15, 1897. (Contract No. 611.)

Secretary's Order No. 17245.—To prepare plans and specifications for raising the cribwork at Riker's Island, East river, to grade. Plans and specifications for this work were prepared and forwarded with report submitted October 30, 1897. (Contract No. 613.)

Secretary's Order No. 17708.—To suspend further action and retain the proofs of contract and specifications for repairs to Pier at Throgg's Neck until further action at the Board. This contract is known as Contract No. 557, but has never been advertised.

Secretary's Order No. 17264.—To prepare plans and specifications for Pier at West Eleventh street, North river. Plans and specifications were forwarded with partial report submitted June 17, 1897. (Contract No. 594.)

Secretary's Order No. 17264.—To prepare plans and specifications for Pier at the foot of Bank street, North river. Plans and specifications were forwarded with partial report submitted July 8, 1897. (Contract No. 600.)

Secretary's Order No. 17264.—To prepare plans and specifications for Pier at the foot of Gansevoort street, North river. Plans and specifications forwarded with partial report submitted July 29, 1897. (Contract No. 603.)

Secretary's Order No. 17264.—To prepare plans and specifications for Pier at foot of Jane street, North river. Plans and specifications forwarded with partial report submitted August 19, 1897. (Contract No. 606.)

Secretary's Order No. 17264.—To prepare plans and specifications for Pier at foot of Bedume street, North river. Plans and specifications forwarded with final report submitted September 9, 1897. (Contract No. 608.)

Secretary's Order No. 17331.—To provide foundations for a two-story structure in the plans for the Pier at the foot of West Eleventh street, North river. Report submitted July 8, 1897. (Contract No. 594.)

Secretary's Order No. 17569.—To prepare plans and specifications for extending Piers, new 20 and new 21, North river. Plans and specifications forwarded with report submitted December 2, 1897.

Secretary's Order No. 16914.—To prepare seventy-five blue print copies of plans for dredging from West Eleventh to Gansevoort street, North river. These prints were furnished to the Secretary from time to time, and the report on the order submitted October 30, 1897.

Secretary's Order No. 17528.—To prepare plans and specifications for a new pier at the foot of East Fourth street, East river. Plans and specifications forwarded with report submitted December 8, 1897. (Contract No. 626. Not yet let.)

Secretary's Order No. 17442.—To prepare plans and specifications for extending the Pier at West Fifth street, North river, and for providing foundations for a recreation building. Plans and specifications forwarded with report submitted December 23, 1897. (Contract No. 627. Not yet let.)

Secretary's Order No. 17425.—To prepare plans and specifications for extending the pier at the foot of West One Hundred and Thirty-third street, North river; in progress.

Secretary's Order No. 17427.—To prepare plans and specifications for repairing the crib-bulkhead at the foot of East Forty-seventh street, East river; in progress.

Secretary's Order No. 17643.—To prepare plans and specifications for repairing the sewer under Pier, new 36, North river; in progress.

Secretary's Order No. 17742.—To prepare plans and specifications for paving on the bulkhead between West Fifty-third and West Fifty-fourth streets, North river. Superseded by Secretary's Order No. 17788.

Secretary's Order No. 17782.—To prepare plans and specifications for a pier at the foot of Fordham road, Harlem river. Not begun.

Secretary's Order No. 17788.—To prepare plans and specifications for paving in front of the bulkhead-shed between West Fifty-third and West Fifty-fourth streets, North river. Not begun.

Engineer's Order.—To prepare plans for filling in behind cribwork No. 2, at Sherman's creek. Plans completed September, 1897.

Engineer's Order No. 17055.—To prepare plans and specifications for repairing and enlarging the Pier at the foot of West One Hundred and Twenty-ninth street, North river, and for foundations for a recreation building. Plans and specifications were forwarded with a report on the Secretary's Order March 19, 1897. They were resubmitted October 16, 1897, and were ordered to be modified and amended to meet the requirements in the matter of foundations for a passenger and freight building. The revised plans and specifications were finally forwarded with the report submitted December 16, 1897. (Contract No. 614. Not yet let.)

Engineer's Order No. 18452.—To prepare plans and specifications for repairing the pier at the foot of East Thirty-first street, East river; in progress.

In addition to the preparation of plans and specifications in the above work considerable office work has been done subsequent to the preparation of the original plans and specifications by the Consulting Architect; for

Contract No. 590.—Recreation Building on the Pier at East Twenty-fourth street, East river.

Contract No. 604.—Recreation Building on the Pier at the foot of East One Hundred and Twelfth street, Harlem river.

Contract No. 609.—Additional details of ornamentation, etc., for Recreation Building on Pier at East Twenty-fourth street, East river.

Contract No. 615.—Inclosing Recreation Building at East Twenty-fourth street, East river, for a winter resort.

Contract No. 620.—Inclosing Recreation Building at East Third street, East river, for a winter resort.

Contract No. 621.—Recreation Building on the Pier at the foot of West Fifth street, North river.

Contract No. 622.—Recreation Building on Pier, new 43, North river.

Contract No. 625.—Passenger and freight building on the Pier at West One Hundred and Twenty-ninth street, North river.

Plans, Studies and Estimates for Construction or Repairs by Department Labor or Under Treasurer's Orders.

Engineer's Order.—To prepare plans for a combination foundation to carry the exterior wall of the White Star Line bulkhead freight shed and the commemorative stone, between West Eleventh and Bank street Piers. Plan completed November 23, 1897.

## New Plans for Water Front Improvement or for Change in Lines.

Secretary's Order No. 13625.—To prepare a new plan for the improvement of the water front, from Battery to Wall street. A map showing a plan for the improvement of water-front, from Battery to Montgomery street, was prepared and forwarded with report submitted by the Engineer-in-Chief June 21, 1897.

Engineer's Order.—To prepare maps in duplicate for the amended new plan, from Pier, new 46, to West Twenty-third street, North river. These maps were forwarded with report submitted May 20 and 25, 1897.

Engineer's Order.—To prepare maps in duplicate, with technical description, for change in lines of Pier foot of Jane street, North river. Maps prepared and forwarded with report submitted July 13, 1897.



Engineer's Order.—To prepare maps in duplicate, with technical description, for change in lines of Pier, new 15, North river. Maps prepared and forwarded with report submitted October 28, 1897.

Engineer's Order.—To prepare maps in duplicate and technical description for change in lines at Pier, new 36, North river. Maps prepared and forwarded with report submitted November 12, 1897.

Engineer's Order.—To prepare plans for a marginal way along the North river water front for the Board of Consulting Engineers. These plans were completed July 12, 1897.

Engineer's Order.—To prepare a map showing a marginal way along the East river water front for the Board of Consulting Engineers. This map was completed December 15, 1897.

#### Other Reports on Secretary's and other Orders.

Engineer's Order.—To prepare six copies of damage maps from West Twelfth to Jane street, North river, for the Corporation Counsel. Maps forwarded July 16, 1897.

Engineer's Order.—To prepare six copies of damage maps from Horatio to Gansevoort street, North river, for the Corporation Counsel. Maps forwarded July 16, 1897.

Engineer's Order.—To prepare six copies of damage maps of Pier, old 35, East river, for the Corporation Counsel. Maps forwarded July 26, 1897.

Engineer's Order.—To prepare six copies of damage maps of the bulkhead north of Pier, old 35, East river, for the Corporation Counsel. Maps forwarded July 26, 1897.

Secretary's Order No. 17422.—To prepare a map and technical description of the piers on the Gansevoort section. Forwarded with report submitted August 6, 1897.

Engineer's Order.—To prepare a certified copy of a map of the water front from Pier "A" to Pier, old 1, North river, for Commodore Miller. Forwarded October 13, 1897.

Engineer's Order.—To prepare maps in duplicate with technical description of proposed extension of water grant to the City from Rector to West Eleventh street, North river. Forwarded December 23, 1897.

#### Plans Submitted by Private Parties Examined and Reported.

Engineer's Order.—To examine and report on plan for elevator for the Pennsylvania Railroad Ferry at West Twenty-third street, North river. Report approving the plans submitted May 5, 1897.

Engineer's Order.—To examine and report on plans for buildings on the pier at East One Hundred and Sixteenth street for the Manhattan State Hospital. Plans approved as amended and report submitted May 26, 1897.

Engineer's Order.—To examine and report on plans for a bicycle platform at West One Hundred and Fifty-eighth street, North river. Plans approved as amended and report submitted June 2, 1897.

Engineer's Order.—To examine and report on plans for a new Morgue at the foot of East Twenty-sixth street, East river. Plans approved as amended and report submitted July 14, 1897.

Engineer's Order.—To examine and report on plans for a steel shed and office building to be erected on the pier at the foot of East Twenty-sixth street, East river. Plans approved as amended and report submitted July 14, 1897.

Engineer's Order.—To examine and report on plans for the New York Steam Company's building between East Fifty-ninth and East Sixtieth streets, East river. Plans approved as amended and report submitted July 31, 1897.

Engineer's Order.—To examine and report on plans for a dumping-board on the pier at East Sixty-first street, East river. Plans approved as amended and report submitted July 1, 1897.

Engineer's Order.—To examine and report on plans for a coal-hoisting tower on the bulkhead between West One Hundred and Thirty-third and West One Hundred and Thirty-fourth streets, North river. Plans approved as amended and report submitted July 14, 1897.

Engineer's Order.—To examine and report on plans for foundations for steel dumping bins on the pier at West One Hundred and Thirty-fifth street, North river. Plans approved as amended and report submitted July 21, 1897. For the Department of Street Cleaning.

Engineer's Order.—To examine and report on plans for steel dumping bins on the pier at West One Hundred and Thirty-fifth street, North river. Plans approved as amended and report submitted July 21, 1897. For the Department of Street Cleaning.

Engineer's Order.—To examine and report on plans for steel dumping bins on the pier at West Thirty-third street, North river. Plans approved as amended and report submitted July 29, 1897. For the Department of Street Cleaning.

Engineer's Order.—To examine and report on plans for a coal-handling bridge at the foot of Stanton street, East river, for Hanchen & Co. Plans approved as amended and report submitted August 10, 1897.

Engineer's Order.—To examine and report on plans for alterations to elevator at the foot of East Sixty-third street, East river, for Niedlinger. Plans approved as amended and report submitted August 20, 1897.

Engineer's Order.—To examine and report on modified plans for coal-conveying bridge at foot of Stanton street, East river. Plans approved as amended and report submitted September 14, 1897.

Engineer's Order.—To examine and report on plans for a freight shed to be erected upon the pier at the foot of West Eleventh street, North river, for the White Star Steamship Company. Plans approved as amended and report submitted October 28, 1897.

Engineer's Order.—To examine and report on plans for bascule bridge across the Bronx river at West Farms. Plans approved and report submitted November 12, 1897.

Engineer's Order.—To examine and report on plans for a transfer bridge between Piers, new 55 and new 56, North river, for the Baltimore and Ohio Railroad Company. Plans approved as amended and report submitted November 17, 1897.

Engineer's Order.—To examine and report on plans for a sewer at Gouverneur Slip, East river, for the Department of Public Works. Plans approved and report submitted December 15, 1897.

Engineer's Order.—To examine and report on plans for a dumping board on Pier, old 43, East river, for the Department of Street Cleaning. Plans approved and report submitted December 17, 1897.

Engineer's Order.—To examine and report on plans for a bulkhead-shed between West Fifty-third street and West Fifty-fourth streets, North river, for the Consolidated Canal and Lake Company. Plans approved as amended and report submitted December 23, 1897.

#### Routine Work.

Plotting surveys on standard maps.  
Plotting soundings on standard sounding sheets.  
Making new standard maps.  
Making new marginal maps.  
Maintaining progress maps and reports of bulkhead wall construction.  
Miscellaneous studies and estimates.  
Maintaining records in water-front registers.  
Records, filing, etc.

#### Miscellaneous Maps, Sun Prints, etc.

Maps and tracings, including 5 new standard maps and 5 new marginal maps.	181
Blue prints	1,561
White prints	311

In addition to the above blue prints, 1,037 blue prints were made under Treasurer's Orders for facilitating and expediting the work under the contracts for the Recreation Buildings.

Of all of the above maps and sun prints, 42 maps, 1,057 blue prints and 36 white prints were made for other departments or for outside parties; the balance were used in the course of the regular department work.

#### Contracts under which Work has been Done.

No.	CONTRACT.	Work Done.	Work Finished.	CONTRACT PRICE.	AMOUNT PAID.
535. Under New Plan and General Repairs.	For dredging on the North river, between the Battery and West Thirty-fourth street. Dated May 9, 1896.	July 9, 1896	July 1, 1897	107 1/2 cubic yards	\$74,000 00
536. Under New Plan and General Repairs.	For dredging north of West Thirty-fourth street, on the North river. Dated June 9, 1896.	Aug. 9, 1896	May 29, 1897	133 1/2 cubic yards	14,353 34
537. Under New Plan.	For furnishing and putting in place rip-rap stones. Dated September 9, 1896.	Sept. 11, 1896	June 1, 1897	24 33	4,804 85
538. Under New Plan.	For preparing for paving and repaving the newly-made land in the vicinity of Pier, new 55 and 56, North river, with granite or States Island syenite blocks, laying crosswalks and building the necessary drains or sewers and appurtenances. Dated September 30, 1896.	Oct. 16, 1896	May 18, 1897	18,200 00	28,100 00
539. Under New Plan.	For the removal of Pier and appurtenances at the foot of West Twelfth street, on the North river. Dated November 8, 1896.	June 14, 1897	July 13, 1897	775 00	775 00
540. Under New Plan.	Preparing for and building crib-bulkhead in Sherman's creek. Dated December 19, 1896.	June 14, 1897	Nov. 2, 1897	35,000 00	35,000 00
541. Under New Plan.	For furnishing 2,000 barrels of Portland cement. Dated December 31, 1896.	Feb. 8, 1897	July 20, 1897	2 45	9,875 45
542. Under New Plan.	For furnishing granite stones for bulkhead or pier wall. Dated December 29, 1896.	April 29, 1897	In progress	Class I, H. & S. 100 00 Class II, Eng. 100 00	00 00
543. Under New Plan.	For filling behind the cribwork at Sherman's creek, Harlem river. Dated January 19, 1897.	Feb. 4, 1897	May 20, 1897	\$4,700 00	8,700 00
544. General Repairs.	For dredging on the East and Harlem rivers. Dated January 27, 1897.	Mar. 10, 1897	In progress	17 3/4 cubic yards	00 00
545. Under New Plan.	For furnishing and delivering about 700 tons anthracite coal. Dated January 27, 1897.	Jan. 21, 1897	May 17, 1897	41 94	5,925 76
546. Under New Plan.	For furnishing sawed yellow pine timber. Dated February 4, 1897.	Feb. 20, 1897	Sept. 27, 1897	19 00	26,145 39
547. Under New Plan.	Dredging between West Eleventh and Bank streets, North river. Dated February 20, 1897.	Mar. 22, 1897	July 16, 1897	\$3,700 00	00 00
548. Temporary Construction Under New Plan.	For preparing for and building temporary piers between Piers, old 26 and old 27, and between Piers old 46 and old 47, North river.	Mar. 22, 1897	July 21, 1897	8,000 00 6,473 00	8,000 00 8,473 00
549. General Repairs.	For dredging on the Harlem river, between One Hundred and Twenty-fifth and One Hundred and Forty-first streets. Dated March 23, 1897.	Apr. 29, 1897	In progress	22 1/2 cubic yards	00 00
550. Under New Plan.	For dredging between West Twelfth and Gansevoort streets, North river. Dated March 14, 1897.	Apr. 5, 1897	00 00	\$79,000 00	00 00
551. General Repairs.	For preparing for and repaving and extending the Pier at the foot of West One Hundred and Thirty-second street, North river. Dated April 20, 1897.	Apr. 5, 1897	Dec. 15, 1897	Class I, 815,765 00 Class II, 30 cents cubic yard	13,959 00 8,184 98
552. General Repairs and under New Plan.	For dredging on the North river, between Battery and West Thirty-fourth street, North river. Dated March 20, 1897.	Mar. 22, 1897	Sept. 15, 1897	17 1/2 cubic yards	15,000 00
553. General Repairs.	For preparing for and repaving and extending Pier, old 39, North river. Dated March 27, 1897.	May 14, 1897	July 9, 1897	\$2,075 00	2,075 00
554. Construction under chapter 228, Laws of 1896.	For preparing for and building a recreation structure on the pier at the foot of East Third street, East river. Dated March 27, 1897.	Apr. 1, 1897	Aug. 7, 1897	35,000 00	35,000 00
555. General Repairs.	For preparing for and repaving the Pier at the foot of West Thirty-fifth street, North river. Dated April 14, 1897.	May 6, 1897	June 24, 1897	5,713 00	5,713 00
556. Under New Plan.	Sawed spruce timber. Dated April 19, 1897.	April 24, 1897	July 8, 1897	\$21 per thousand.	3,130 00
557. General Repairs.	For preparing for and repaving the Pier at the foot of East Twenty-eighth street, East river. Dated April 14, 1897.	May 8, 1897	June 4, 1897	2,137 00	2,137 00
558. Under New Plan.	For furnishing and putting in place small cobble, and for furnishing and putting in place rip-rap stones. Dated April 30, 1897.	May 18, 1897	Sept. 27, 1897	Class I, cobble, 60 cents Class II, rip-rap, 45 cents	5,250 00 5,525 00
559. Under New Plan.	For dredging between Bank and Beethum streets, North river. Dated July 30, 1897.	Aug. 15, 1897	Dec. 10, 1897	\$73,000 00	73,000 00
560. Under New Plan.	For preparing for and paving the newly-made land in the vicinity of Pier, new 55, North river, with granite or States Island syenite blocks, laying crosswalks, etc. Dated May 20, 1897.	May 24, 1897	July 22, 1897	8,700 00	8,700 00
561. Under New Plan.	For dredging at West Thirty-fourth Street Section. Dated May 14, 1897.	July 15, 1897	July 27, 1897	Class I, 200 00 Class II, 10 00	870 80 2,240 00
562. General Repairs.	For repairing a portion of the temporary pier on site of Pier, old 42, North river, near the foot of Canal street. Dated May 16, 1897.	Aug. 23, 1897	Aug. 31, 1897	\$1,440 00	1,440 00
563. Not Under New Plan.	For preparing for and building a breakwater at the foot landing at Pier "A," North river. Dated May 18, 1897.	May 19, 1897	June 24, 1897	2,738 00	2,738 00
564. Under New Plan.	For furnishing and delivering stationery and printed and lithograph forms, etc. Dated June 3, 1897.	June 3, 1897	In progress	Class I, 80,000 00 Class II, 41,373 95	1,371 35
565. Under New Plan.	For preparing for, paving and repaving the newly-made land in the vicinity of Barclay Street Ferry, North river, with granite or States Island syenite blocks, laying crosswalks and building the necessary drains or sewers and appurtenances. Dated May 20, 1897.	May 29, 1897	Aug. 17, 1897	\$6,700 00	6,700 00
566. Under New Plan.	For dredging between Beethum and West Twelfth streets, on the North river. Dated July 24, 1897.	Aug. 12, 1897	Nov. 20, 1897	31,000 00	31,000 00
567. Under New Plan.	For preparing for, paving and repaving the newly-made land and marginal street wharf or place in the vicinity of Pier at the foot of East One Hundred and Sixteenth street, Harlem river, with granite or States Island syenite blocks, laying crosswalks and setting curbs. Dated May 27, 1897.	June 15, 1897	Aug. 6, 1897	3,175 00	3,075 00
568. General Repairs.	For dredging north of West Thirty-fourth street, on the North river. Dated June 11, 1897.	June 17, 1897	Aug. 6, 1897	13 1/2 cubic yards	12,065 83
569. Construction under chapter 228, Laws of 1896.	For preparing for and building a recreation structure on the pier at the foot of East Twenty-fourth street, East river. Dated June 16, 1897.	July 3, 1897	Dec. 1, 1897	\$28,900 00	28,900 00
570. Construction under chapter 228, Laws of 1896.	For building foundations for the Recreation Building to be hereafter erected on the pier at the foot of East Twenty-fourth street, East river. Dated June 18, 1897.	June 14, 1897	July 16, 1897	8,200 00	8,200 00



No.	CONTRACT.	When Began.	When Finished.	Contract Price.	Amount Paid.
572. Under New Plan.	For furnishing and delivering hardware and tools: woodenware and rubber goods; paints and oils; rope and cordage, steam-fittings and machinists' supplies. Dated, Classes I. and II., August 27, 1897; Classes III. and IV., August 27, 1897, and Class V., August 25, 1897.	Class I. Aug. 27, 1897 Class II. Sept. 15, 1897 Class III. Sept. 2, 1897 Class IV. Aug. 24, 1897 Class V. Aug. 25, 1897	Oct. 3, 1897 Oct. 25, 1897 Oct. 15, 1897 Sept. 14, 1897 Oct. 13, 1897	\$2,378.00 940.34 251.00 1,784.00 2,085.07	\$2,378.00 940.34 940.00 1,971.00 2,085.07
593. Under New Plan.	For preparing for paving and repaving the newly made land in the vicinity of West Fifty-first street, North river, with second-hand granite blocks, laying crosswalks and building the necessary drains or sewers and appurtenances. Dated July 26, 1897.	July 26, 1897	In progress	8,813.00	.....
594. Under New Plan.	For preparing for and building a new pier at the foot of West Eleventh street, North river. Dated July 14, 1897.	July 14, 1897	In progress	48,600.00	.....
595. General Repairs.	For repairing the platform at the foot of Seventh avenue, Harlem river. Dated September 22, 1897.	Oct. 8, 1897	Nov. 16, 1897	1,097.00	1,097.00
596. Under New Plan.	For furnishing sawed yellow pine timber. Dated July 26, 1897.	Aug. 15, 1897	In progress	\$11.15 per thousand.	.....
597. Under New Plan.	For furnishing sawed spruce timber. Dated July 17, 1897.	July 27, 1897	Nov. 9, 1897	120 per thousand.	1,075.40
598. Under New Plan.	For furnishing and delivering about 700 tons of anthracite coal. Dated July 26, 1897.	July 24, 1897	Oct. 23, 1897	44.01	4,976.40
599. Under New Plan.	For cobble and rip-rap. Dated, Class I., September 13, 1897, Class II., August 25, 1897.	Class I. Sept. 13, 1897 Class II. Aug. 25, 1897	In progress In progress	84 25	.....
600. Under New Plan.	For preparing for and building a new pier near the foot of Bank street, North river. Dated August 3, 1897.	Oct. 18, 1897	In progress	95,000.00	.....
601. General Repairs.	For dredging north of Thirty-fourth street, North river. Dated August 12, 1897.	Aug. 13, 1897	In progress	275	.....
602. General Repairs and Under New Plan.	For dredging between the Battery and West Thirty-fourth street, North river. Dated August 28, 1897.	Aug. 24, 1897	In progress	673	.....
603. Under New Plan.	For removing the existing pier and shed at the foot of Gansevoort street and for preparing for and building a new pier at the foot of Gansevoort street, North river. Dated September 13, 1897.	Sept. 13, 1897	In progress	66,790.00	.....
604. Construction under chapter 298, Laws of 1897.	For preparing for and building a recreation structure on the pier at the foot of East One Hundred and Twelfth street, Harlem river. Dated September 24, 1897.	.....	In progress	44,435.00	.....
605. Construction not Under New Plan.	For preparing for and building a new wooden pier, with appurtenances, at the foot of East One Hundred and Twelfth street, Harlem river. Dated October 12, 1897.	Oct. 20, 1897	In progress	1,075.00	.....
606. Under New Plan.	For preparing for and building a new pier at the foot of Jane street, North river. Dated December 27, 1897.	Dec. 28, 1897	In progress	92,700.00	.....
607. Under New Plan.	For furnishing sawed yellow pine timber. Dated September 27, 1897.	Oct. 17, 1897	In progress	38,720.00	.....
608. Under New Plan.	For furnishing and delivering and putting in place at the foot of East Twenty-fourth street, East river, reflectors and ice-boxes, lunch-counters, picket rail for balustrade, laurel bands for posts and beaded moldings for the bottom of latticed panels. Dated, Class I., December 10, 1897; Class II., December 10, 1897; Class III., November 23, 1897.	Class I. Dec. 10, 1897 Class II. Dec. 10, 1897 Class III. Nov. 23, 1897	In progress In progress In progress	993.00 ..... .....	.....
609. General Repairs.	For preparing for and repaving the newly-made land in the vicinity of Piers, new 22 and 23, North river, with the existing granite or Staten Island blocks, etc.	Nov. 3, 1897	In progress	1,200.00	.....
610. General Repairs.	For preparing for and repaving and extending the pier at the northerly end of Riker's Island, East river. Dated Nov. 13, 1897.	Nov. 20, 1897	Dec. 27, 1897	275.00	1,723.00
611. Under New Plan.	For filling-in behind cribwork at Sherman's creek, Harlem river. Dated November 26, 1897.	Nov. 27, 1897	In progress	24,775.00	.....
612. Construction not Under New Plan.	For preparing for and building a cribwork extension on top of the present cribwork at Riker's Island, East river.	.....	In progress	15,000.00	.....
613. General Repairs.	For preparing for and repaving and extending the Pier at the foot of West One Hundred and Twenty-ninth street, North river.	.....	In progress	.....	.....
614. Construction under chapter 297, Laws of 1897.	For inclosing the Recreation Building on the Pier at the foot of East Twenty-fourth street and preparing the building for a winter resort. Dated December 4, 1897.	Dec. 4, 1897	In progress	6,000.00	.....
615. Under New Plan.	For dredging at the Murray street section on the North river. Dated November 29, 1897.	.....	In progress	1,100.00 per 100 ft. (Class II.) 100 ft.	.....
616. General Repairs.	For furnishing sawed spruce timber. Dated December 22, 1897.	Dec. 24, 1897	In progress	140 per 1000 ft. (400 for others.)	.....
617. Under New Plan.	For furnishing and delivering about 700 tons of anthracite coal. Dated November 15, 1897.	Dec. 4, 1897	In progress	51.00	.....
618. General Repairs and Under New Plan.	For dredging at sundry named places on the North river.	.....	.....	.....	.....
619. Construction under chapter 297, Laws of 1897.	For inclosing Recreation Building on the Pier at the foot of East Third street and preparing the building for a winter resort. Dated December 27, 1897.	Dec. 28, 1897	In progress	11,000.00	.....
620. Construction under chapter 298 of Laws of 1897.	For preparing for and building a recreation structure on the Pier at the foot of West Fifteenth street, North river.	.....	In progress	11,000.00	.....
621. Construction under chapter 298, Laws of 1897.	For preparing for and building a recreation structure on Pier, new 43, near the foot of Christopher street, North river. Dated December 29, 1897.	.....	In progress	35,000.00	.....
622. Under New Plan.	For furnishing and putting in place small cobble-stones and for furnishing and putting in place rip-rap stones. Class I., cobble; Class II., rip-rap. Not let.	.....	.....	.....	.....
623. Under New Plan.	For preparing for and extending Piers, new 20 and 21, North river, near the foot of Duane street.	.....	In progress	24,375.00	.....
624. Construction under chapter 298, Laws of 1897.	For preparing for and building a passenger and freight shed on the Pier at the foot of West One Hundred and Twenty-ninth street, North river.	.....	In progress	50,000.00	.....

#### FORM OF CONTRACTS AND SPECIFICATIONS PREPARED AND SUBMITTED TO THE BOARD.

Engineer's Order.—For dredging north of Thirty-fourth street, North river. Submitted May 3, 1897, and advertised as Contract No. 539.

Order of the Board.—For preparing for and building a Recreation Structure on the Pier at the foot of East Twenty-fourth street, East river. Submitted May 30, 1897, and advertised as Contract No. 590.

Secretary's Order No. 17230.—For building foundations for the Recreation Building to be hereafter erected on the Pier at the foot of East Twenty-fourth street, East river. Submitted May 20, 1897, and advertised as Contract No. 591.

Engineer's Order.—For preparing for paving and repaving the newly-made land in the vicinity of West Fifty-first street, North river, with second-hand granite blocks, etc. Submitted June 10, 1897, and advertised as Contract No. 593.

Engineer's Order.—For hardware and tools, woodenware and rubber goods, paints and oils, rope and cordage, steam fittings and machinists' supplies. Submitted June 9, 1897, and advertised as Contract No. 592.

Secretary's Order No. 16736.—For repairing platform at the foot of Seventh avenue, Harlem river. Submitted June 14, 1897, and advertised as Contract No. 595.

Engineer's Order.—For furnishing sawed yellow pine timber. Submitted June 17, 1897, and advertised as Contract No. 596.

Secretary's Order No. 17264.—For preparing for and building a new pier at the foot of West Eleventh street, North river. Submitted June 17, 1897, and advertised as Contract No. 594.

Engineer's Order.—For furnishing and delivering about 700 tons of anthracite coal. Submitted June 17, 1897, and advertised as Contract No. 598.

Engineer's Order.—For furnishing sawed spruce timber. Submitted June 21, 1897, and advertised as Contract No. 597.

Engineer's Order.—For cobble and rip-rap. Submitted June 29, 1897, and advertised as Contract No. 599.

Secretary's Order No. 17264.—For preparing for and building a new pier near the foot of Bank street, North river. Submitted July 8, 1897, and advertised as Contract No. 600.

Engineer's Order.—For dredging north of Thirty-fourth street, North river. Submitted July 12, 1897, and advertised as Contract No. 601.

Engineer's Order.—For dredging between Battery and West Thirty-fourth street, North river. Submitted July 21, 1897, and advertised as Contract No. 602.

Secretary's Order No. 17264.—For removing existing pier and shed at the foot of Gansevoort street, and for preparing for and building a new pier near the foot of Gansevoort street, North river. Submitted July 29, 1897, and advertised as Contract No. 603.

Order of the Board.—For preparing for and building a Recreation Structure on the Pier at the foot of East One Hundred and Twelfth street, Harlem river. Submitted August 12, 1897, and advertised as Contract No. 604.

Secretary's Order No. 17264.—For preparing for and building a new pier at the foot of Jane street, North river. Submitted August 19, 1897, and advertised as Contract No. 606.

Secretary's Order No. 17278.—For preparing for and building a new wooden pier with appurtenances at the foot of East One Hundred and Twelfth street, Harlem river. Submitted August 19, 1897, and advertised as Contract No. 605.

Engineer's Order.—For furnishing sawed yellow pine timber. Submitted August 23, 1897, and advertised as Contract No. 607.

Secretary's Order No. 17264.—For preparing for and building a new pier near the foot of Bethune street, North river. Submitted September 9, 1897, and advertised as Contract No. 608.

Secretary's Order No. 17491.—For furnishing, delivering and putting in place at the foot of

East Twenty-fourth street, East river, reflectors, ice-boxes, lunch counters, picket rail for balustrade, laurel bands for posts and beaded moldings for bottom of latticed panels. Submitted September 9, 1897, and advertised as Contract No. 609.

Engineer's Order.—For preparing for and repaving the newly-made land in the vicinity of Piers, new 22 and 23, North river, with the existing granite or Staten Island blocks, etc. Submitted September 13, 1897, and advertised as Contract No. 610.

Secretary's Order No. 17106.—For preparing for and repaving and extending the pier at the northerly end of Riker's Island. Submitted September 16, 1897, and advertised as Contract No. 611.

Engineer's Order.—For filling in behind cribwork at Sherman's creek, Harlem river. Submitted September 22, 1897, and advertised as Contract No. 612.

Secretary's Order No. 17245.—For preparing for and building a cribwork extension on top of the present cribwork at Riker's Island, East river. Submitted October 14, 1897, and advertised as Contract No. 613.

Order of the Board.—For inclosing the Recreation Building on the Pier at the foot of East Twenty-fourth street, East river, and for preparing the building for a winter resort. Submitted October 21, 1897, and advertised as Contract No. 615.

Engineer's Order.—For dredging at the Murray street section on the North river. Submitted October 25, 1897, and advertised as Contract No. 616.

Engineer's Order.—For furnishing sawed spruce timber. Submitted October 26, 1897, and advertised as Contract No. 617.

Engineer's Order.—For furnishing and delivering about 700 tons of anthracite coal. Submitted October 27, 1897, and advertised as Contract No. 618.

Engineer's Order.—For dredging at sundry named places on the North river. Submitted October 26, 1897, and advertised as Contract No. 619.

Order of the Board.—For inclosing Recreation Building on the Pier at the foot of East Third street, East river, and preparing the building for a winter resort. Submitted November 11, 1897, and advertised as Contract No. 620.

Order of the Board.—For preparing for and building a Recreation Structure on the Pier at the foot of West Fifteenth street, North river. Submitted November 11, 1897, and advertised as Contract No. 621.

Order of the Board.—For preparing for and building a Recreation Structure on Pier, new 43, near foot of Christopher street, North river. Submitted November 15, 1897, and advertised as Contract No. 622.

Engineer's Order.—For furnishing and putting in place small cobble-stones and for furnishing and putting in place rip-rap stones. Submitted November 27, 1897, and advertised as Contract No. 623.

Secretary's Order No. 17569.—For preparing for and extending Piers, new 20 and new 21, North river, near the foot of Duane street. Submitted December 1, 1897, and advertised as Contract No. 624.

Secretary's Order No. 17526.—For preparing for and building new wooden pier, with appurtenances, at the foot of East Fourth street, East river. Submitted December 9, 1897, and advertised as Contract No. 627.

Engineer's Order.—For preparing for and repaving and extending Pier at the foot of West One Hundred and Twenty-ninth street, North river. Submitted originally March 19, 1897, and in revised form December 16, 1897, and advertised as Contract No. 614.

Order of the Board.—For preparing for and building a passenger and freight shed on the Pier at the foot of West One Hundred and Twenty-ninth street, North river. Submitted December 2, 1897, and advertised as Contract No. 625.

Secretary's Order No. 17742.—For extending the Pier at Fifth street, North river. Submitted December 23, 1897, and advertised as Contract No. 627.



Showing Done by the Department of Parks for the Eight Months ending December 31, 1897.

Location.	Month.	Yards.				Alkali-Less.	Dirt in Feet at Mean Low Water.	Contract No. or Treasurer's Order No.	Authorization.	By Whom Performed.	When Done.	When Performed.	Price.	Amount.
		Area.	Crab, Clay, &c.	Crab, Clay, &c.	Gravel, etc.									
Time Landing, Pier A, N. R.	May, 1897	4,000					25	533	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	May 6, 1897	May 8, 1897	105	\$182.16
*Tramp at Government, N. R.	Sept, 1897	900					15	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Sept. 29, 1897	Sept. 29, 1897	175	70.00
Pier, near 47, S. R. (north side)	November	6,500					38	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Nov. 20, 1897	Nov. 20, 1897	275	2,154.30
Pier at West Broadway street	July, 1897	16,712					20	578	Res. of Board, Feb. 11, 1897.	R. G. Packard	July 2, 1897	July 30, 1897	475	1,708.43
West Broadway to Bank street	May, 1897						30	575	Res. of Board, Dec. 24, 1896.	Morris & Cummings Dredging Co.	May 17, 1897			
	June, 1897						30	575	Res. of Board, Dec. 24, 1896.	Morris & Cummings Dredging Co.				
	July, 1897						20	575	Res. of Board, Dec. 24, 1896.	Morris & Cummings Dredging Co.		July 29, 1897		27,516.37
	May, 1897						35	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	May 3, 1897		175	795.20
Bank to Duane street	July, 1897						25	575	Res. of Board, Feb. 11, 1897.	R. G. Packard			175	3,091.98
	Aug. 1897						20	575	Res. of Board, Feb. 11, 1897.	R. G. Packard		Aug. 1, 1897	175	589.40
	Aug. 1897						30	575	Res. of Board, June 2, 1897.	Morris & Cummings Dredging Co.	Aug. 27, 1897			
	Sept. 1897						30	580	Res. of Board, June 2, 1897.	Morris & Cummings Dredging Co.				13,000.00
Duane to West Third street	July, 1897						30	575	Res. of Board, June 2, 1897.	Morris & Cummings Dredging Co.				
	May, 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Apr. 24, 1897		175	579.50
	July, 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard			175	1,512.37
	Aug. 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard		Aug. 7, 1897	175	528.71
Duane to West Third street	Aug. 1897						30	575	Res. of Board, June 2, 1897.	R. G. Packard	Aug. 19, 1897			
	Sept. 1897						20	587	Res. of Board, June 2, 1897.	R. G. Packard				11,000.00
	Oct. 1897						30	587	Res. of Board, June 2, 1897.	R. G. Packard				
	May, 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Apr. 6, 1897			
West Third to Duane street	June, 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	July, 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	Aug. 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	Sept. 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
Duane to West Broadway street	Nov. 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	Dec. 1897						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	Jan. 1898						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
	Feb. 1898						30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard				
Pier at West Broadway street	July, 1897	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	July 1, 1897	July 19, 1897	175	3,571.94
Pier at Duane street	Aug. 1897	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Aug. 1, 1897	Aug. 24, 1897	175	4,512.19
Pier at Duane street	Aug. 1897	10,475					20	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Aug. 25, 1897		175	2,435.06
Pier at Duane street	Sept. 1897	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard		Sept. 3, 1897	175	1,772.57
Pier at Duane street	Aug. 1897	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Aug. 14, 1897	Aug. 25, 1897	175	4,028.93
Pier at Duane street	Oct. 1897	10,475					30	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Oct. 27, 1897		175	743.75
Pier at Duane street	Nov. 1897	10,475					30	608	Res. of Board, July 22, 1897.	P. Sanford Ross		Nov. 7, 1897	175	3,101.70
Pier at Duane street	Dec. 1897	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	July 27, 1897		175	221.56
Pier at Duane street	Jan. 1898	10,475					30	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Aug. 11, 1897		175	4,281.30
Pier at Duane street	Feb. 1898	10,475					30	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Dec. 27, 1897	Dec. 28, 1897	175	77.00
Pier at West Broadway street, N. R.	June, 1897	10,000					20	533	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	June 12, 1897	June 25, 1897	105	9,200.00
*Tramp of West Broadway street, N. R.	Aug. 1897	875					15	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Dec. 29, 1897	Dec. 29, 1897	175	100.00
Pier at West Broadway street, N. R.	Dec. 1897	875					15	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Aug. 29, 1897	Aug. 29, 1897	175	110.84
Pier at West Broadway street, N. R.	Aug. 1897	875					20	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Aug. 29, 1897		175	1,000.00
Pier at West Broadway street, N. R.	Sept. 1897	875					20	608	Res. of Board, July 22, 1897.	P. Sanford Ross		Sept. 25, 1897	175	168.12
Pier at West Broadway street, N. R.	Aug. 1897	875					27	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Aug. 25, 1897		175	74.11
Pier at West Broadway street, N. R.	Sept. 1897	875					27	608	Res. of Board, July 22, 1897.	P. Sanford Ross		Sept. 25, 1897	175	2,040.00
Pier at West Broadway street, N. R.	Sept. 1897	875					30	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Sept. 25, 1897		175	2,040.00
Pier at West Broadway street, N. R.	Oct. 1897	875					30	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Oct. 2, 1897		175	389.01
Pier, near 52, N. R.	May, 1897	15,712					35	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	May 2, 1897		105	1,519.12
Pier, near 52, N. R.	June, 1897	15,712					35	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.		June 15, 1897	105	1,985.00
Pier, near 52, N. R.	June, 1897	15,712					35	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	June 15, 1897	June 15, 1897	105	91.27
Pier, near 52, N. R.	July, 1897	15,712					35	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	July 27, 1897	May 14, 1897	105	1,697.00
Pier, near 52, N. R.	May, 1897	15,712					38	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.	Apr. 28, 1897		105	654.87
Pier, near 52, N. R.	June, 1897	15,712					38	535	Res. of Board, April 2, 1896.	Henry E. Dullin, Jr.		June 2, 1897	105	371.00
Pier, near 52, N. R.	Sept. 1897	15,712					37	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Sept. 25, 1897	Sept. 25, 1897	175	1,519.10
Pier, near 52, N. R.	Sept. 1897	15,712					37	575	Res. of Board, Feb. 11, 1897.	R. G. Packard	Sept. 25, 1897	Sept. 25, 1897	175	795.50
Pier, near 52, N. R.	Sept. 1897	15,712					37	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Sept. 25, 1897		175	1,616.28
Pier, near 52, N. R.	Oct. 1897	15,712					37	608	Res. of Board, July 22, 1897.	P. Sanford Ross		Oct. 5, 1897	175	931.00
Pier, near 52, N. R.	Oct. 1897	15,712					37	608	Res. of Board, July 22, 1897.	P. Sanford Ross	Oct. 24, 1897	Oct. 24, 1897	175	811.30
Pier, near 52, N. R.	Nov. 1897	15,712					35	545	Res. of Board, Mar. 25, 1897.	Atlantic Dredging Co.	July 15, 1897	July 27, 1897	105	2,122.00
Pier, near 52, N. R.	Aug. 1897	15,712					35	608	Res. of Board, July 22, 1897.	Charles DuBois	Aug. 29, 1897	Aug. 29, 1897	175	423.34
Pier, near 52, N. R.	May, 1897	15,712					15.00 20	515	Res. of Board, April 2, 1896.	Stearns & Benson	May 21, 1897		135	4,836.00
Pier, near 52, N. R.	June, 1897	15,712					15.00 20	580	Res. of Board, May 4, 1897.	Charles DuBois			15	5,472.34
Pier, near 52, N. R.	July, 1897	15,712					15.00 20	580	Res. of Board, May 4, 1897.	Charles DuBois		July 8, 1897	15	1,234.07
Bulkhead between Forty-third and Forty-fourth streets, N. R.	May, 1897	1,714					15	375	Res. of Board, April 2, 1896.	Stearns & Benson	May 29, 1897	May 29, 1897	175	412.37
Pier at West Fourth street, N. R.	June, 1897	5,000					15	580	Res. of Board, May 4, 1897.	Charles DuBois	June 25, 1897	June 26, 1897	15	781.50
Bulkhead between Forty-third and Forty-fourth streets, N. R.	June, 1897	1,714					15	580	Res. of Board, May 4, 1897.	Charles DuBois	June 24, 1897	June 24, 1897	15	150.20
Pier at Forty-fourth street, N. R.	June, 1897	8,000					15	580	Res. of Board, May 4, 1897.	Charles DuBois	June 26, 1897	June 26, 1897	15	1,046.89
Pier at Forty-fourth street, N. R.	July, 1897	1,000					15	580	Res. of Board, May 4, 1897.	Charles DuBois	July 14, 1897	July 26, 1897	15	1,668.30
Pier at Forty-fourth street, N. R.	July, 1897	1,000					15	580	Res. of Board, May 4, 1897.	Charles DuBois	July 26, 1897	July 27, 1897	15	243.20
Pier at West Fifty-ninth street, N. R.	Oct. 1897	9,710					15	608	Res. of Board, July 22, 1897.	Charles DuBois	Oct. 15, 1897	Oct. 20, 1897	175	1,722.82
Pier at West Fifty-ninth street, N. R.	July, 1897	25,120					30	580	Res. of Board, May 4, 1897.	Charles DuBois	July 29, 1897		15	3,476.57
Pier at West Fifty-ninth street, N. R.	Aug. 1897	12,700					30	580	Res. of Board, May 4, 1897.	Charles DuBois	July 29, 1897	Aug. 5, 1897	15	1,797.45
Pier at West Fifty-ninth street, N. R.	Aug. 1897	12,700					30	608	Res. of Board, July 22, 1897.	Charles DuBois	Aug. 14, 1897	Aug. 18, 1897	175	1,043.70
Pier at West Fifty-ninth street, N. R.	Oct. 1897	12,700					15	608	Res. of Board, July 22, 1897.	Charles DuBois	Oct. 15, 1897	Oct. 23, 1897	175	1,047.00
Bulkhead, Seventy-ninth and Eighty-ninth streets, N. R.	Dec. 1897	1,000					15	608	Res. of Board, July 22, 1897.	Charles DuBois	Dec. 20, 1897	In progress	175	146.04
Pier at Ninety-ninth street, N. R.	May, 1897	250					15	375	Res. of Board, April 2, 1896.	Stearns & Benson	May 19, 1897	May 19, 1897	105	48.00
Bulkhead at One Hundred and Twenty-ninth street, N. R.	May, 1897	2,174					15	525	Res. of Board, April 2, 1896.	Stearns & Benson	May 17, 1897	May 17, 1897	175	357.14
Bulkhead between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets, N. R.	May, 1897	2,700					15	525	Res. of Board, April 2, 1896.	Stearns & Benson	May 18, 1897	May 20, 1897	175	512.74

Note.—Places marked thus \* denotes work done for Department of Street Cleaning.



LOCATION.	MOVES.	CUBIC YARDS.				MISCELLANEOUS.	DEPTH IN FEET AT MEAN LOW WATER.	CONTRACT NO. OF THE BOARD OF PUBLIC WORKS.	AFFIDAVIT.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.	PRICE.	AMOUNT.
		Mud.	Crb. Clay A.	Crb. Clay B.	Gravel, etc.									
Bulkhead between Piers 11 and 12, E. R.	Dec., 1897	133					15	507	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Dec. 7, 1897	Dec. 7, 1897	175	\$20.00
Pier 12, E. R. (west side)	Dec., 1897	5,134					24	508	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Dec. 7, 1897	Dec. 10, 1897	175	1,000.00
Pier 12, E. R. (north side)	Dec., 1897	200					21	509	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Nov. 27, 1897	Dec. 30, 1897	175	30.75
Pier 12, E. R. (north side, inner end)	Nov., 1897	1,236					21	510	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Nov. 27, 1897	Dec. 9, 1897	175	248.00
Pier 12, E. R. (north side)	Dec., 1897	1,152					21	511	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Nov. 27, 1897	Dec. 3, 1897	175	200.00
Pier 12, E. R. (east side)	May, 1897	1,891					25	512	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Apr. 28, 1897	May 16, 1897	175	324.00
Between Piers 18 and 19, E. R.	May, 1897	368					13	513	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	May 12, 1897	May 16, 1897	175	63.00
Pier 19, E. R. (west side)	May, 1897	1,886					23	514	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	May 12, 1897	May 17, 1897	175	321.00
Bulkhead at Thirtieth street, E. R.	May, 1897	1,908					15	515	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	May 7, 1897	May 21, 1897	175	274.00
*Dump at East Thirty-eighth street, E. R.	Oct., 1897	218					19	516	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Oct. 6, 1897	Oct. 31, 1897	175	33.00
Bulkhead at East Seventy-third street, E. R.	Dec., 1897	63					23	517	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Dec. 29, 1897	Dec. 29, 1897	175	11.00
*Dump at Eighty-ninth street, E. R.	Dec., 1897	218					15	518	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Dec. 16, 1897	In progress.	175	33.00
Bulkhead, East Ninety-fourth and Ninety-fifth streets, E. R.	Dec., 1897	1,092					15	519	Res. of Board, Dec. 10, 1897.	Atlantic Dredging Co.	Dec. 29, 1897	Dec. 30, 1897	175	190.00
*Dump at Lincoln avenue, H. R.	May, 1897	876					15	520	Res. of Board, Jan. 26, 1897.	Charles Dullais.	Apr. 30, 1897	May 3, 1897	195	174.00
Total.		24,652	1,040											\$29,017.00

NOTE.—Places marked thus \* denotes work done for Department of Street Cleaning.

Statement of Dredging done by Lessees, Claimants and others under Permit or by Order of the Board of Docks, and under Supervision of the Surveyor.

LOCATION.	Depth of Water at Mean Low Water.	Authority.	Firm Whom Performed.	When Begun.	When Finished.
Canal street, North river (Dump)	12 1/2	Permit	Brown & Fleming	July 4, 1897	July 4, 1897
Canal street, North river (Dump)	11 to 12	Permit	Brown & Fleming	Nov. 26, 1897	Nov. 26, 1897
Pier at Nineteenth street, North river (Dump)	10 to 12	Permit	Brown & Fleming	June 20, 1897	June 20, 1897
Pier at Nineteenth street, North river (Dump)	12	Permit	Brown & Fleming	Dec. 26, 1897	Dec. 26, 1897
Pier, new 14, North river	12	Permit	Anchor Line	May 11, 1897	May 11, 1897
Pier at Fifty-fifth street, North river (Dump)	10	Permit	Brown & Fleming	Dec. 19, 1897	Dec. 19, 1897
West Seventy-second street, North river (Pier)	21 to 22	Permit	New York Central & Hudson River Railroad Company	Sept. 20, 1897	Oct. 7, 1897
West Seventy-second street, North river (Lumber Dock)	20 to 22	Permit	New York Central & Hudson River Railroad Company	Sept. 6, 1897	Sept. 22, 1897
Pier 16, East river	24	Permit	Esate of Louis C. Jones	Dec. 6, 1897	Dec. 29, 1897
Slip between Piers 25 and 26, East river	12 to 15	Permit	New Haven Steamboat Company	June 13, 1897	June 13, 1897
Slip between Piers 25 and 26, East river	27	Permit	Wm. P. Clyde & Company	Oct. 24, 1897	Nov. 14, 1897
Dump at Jackson street, East river	12 to 20	Permit	Brown & Fleming	Nov. 26, 1897	Nov. 26, 1897
Slip foot of Broadway street, East river	12	Permit	Brooklyn & New York Ferry Company	May 18, 1897	June 2, 1897
Bulkhead between Stanton and Houston streets, East river	12 to 17	Permit	Hincken & Company	Nov. 15, 1897	Nov. 16, 1897
Bulkhead between Thirtieth and Fourteenth streets, East river	17 to 22	Permit	Hincken & Company	May 20, 1897	May 19, 1897
Pier at Nineteenth street, East river	13 to 24	Permit	J. M. Bushman	Nov. 12, 1897	Nov. 12, 1897
Dump at Twenty-ninth street, East river	20	Permit	Mark Goodrich	May 28, 1897	May 29, 1897
Bulkhead at Thirty-second street, East river	16	Permit	Atlantic Dredging Company	Dec. 11, 1897	Dec. 13, 1897
Pier at One Hundredth street, Harlem river	12	Permit	Bush & Contracting Company	June 17, 1897	June 17, 1897
Maen Dock, Harlem river	12	Permit	Gar. Engine and Power Company, W. L. Seabury Company	Sept. 1, 1897	Sept. 30, 1897

WORK SUPERVISED.

WORK DONE, OTHER THAN DREDGING, BY ALLEGED OWNERS AND LESSEES OF PIERS AND OTHERS, BY ORDER OR UNDER PERMIT OF THE BOARD OF DOCKS, AND UNDER THE SUPERVISION OF THE ENGINEER-IN-CHIEF.

NORTH RIVER.

Southeast Corner of Battery.

Secretary's Order No. 17159—A floating bath was placed thereat by employees of William A. Hall, under permit. Begun May 17 and finished June 1, 1897.

Pier, new 1, N. R.

Secretary's Order No. 17019—Two mooring posts on the southerly side of pier were renewed by employees of lessees, by order of the Board. Begun April 15 and finished May 3, 1897.

Piers 2 and 3, N. R.

Secretary's Order No. 17486—General repairs were made to piers by the Lehigh Valley Railroad Company. Begun September 15 and finished September 29, 1897.

Piers 2, 4 and 5, N. R.

Secretary's Order No. 17314—Repairs were made to the fenders and chocking of piers by the Pennsylvania Railroad Company. Begun September 13 and finished November 23, 1897.

Pier 4, N. R.

Secretary's Order No. 17475—Repairs were made to the shell on pier and on the adjoining bulkheads by the Pennsylvania Railroad Company. Begun September 1 and finished November 20, 1897.

Pier 5, N. R.

Secretary's Order No. 16971—Fenders and chocking of pier were repaired by the Pennsylvania Railroad Company. Begun February 24 and finished May 27, 1897.

Pier 6, N. R.

Secretary's Order No. 17515—Six piles were driven on the south side of pier by the New York and Baltimore Transportation Company. Begun and finished September 17, 1897.

Pier, old 8, N. R.

Secretary's Order No. 16932—Repairs were made to the pier by the Central Railroad Company of New Jersey, in conjunction with repairs to Piers 12, 13, 14 and 15. Begun February 3 and finished July 31, 1897.

Secretary's Order No. 17452—General repairs were made to pier, in conjunction with Piers 12, 13, 14 and 15, by the Central Railroad Company of New Jersey. Begun August 10 and finished December 31, 1897.

Pier 11, N. R.

Secretary's Order No. 17295—Piles were driven, and the sheathing on deck, backing-log and half round fenders were renewed and repaired where necessary, by John Monks & Son, contractors for the Metropolitan Steamship Company, under permit. Begun June 5 and finished June 9, 1897.

Piers, old 8, 12, 13, 14 and 15, N. R.

Secretary's Order No. 16932—Repairs have been made to the chocking, sheathing and fenders of piers by the Central Railroad Company of New Jersey. Begun February 3 and finished July 31, 1897.

Secretary's Order No. 17452—General repairs were made to piers by the Central Railroad Company of New Jersey. Begun August 10 and finished December 31, 1897.

Pier 16, N. R.

Secretary's Order No. 17578—Repairs were made to the sheathing and fenders on the south side of pier by the Pennsylvania Railroad Company. Begun October 11 and finished October 12, 1897.

Cortlandt Street, N. R.

Secretary's Order No. 17293—The bridge in the northerly ferry slip was renewed by the Pennsylvania Railroad Company. Begun June 6 and finished June 29, 1897.

Secretary's Order No. 17403—Platform in front of the ferry house was repaired by the Pennsylvania Railroad Company. Begun and finished July 26, 1897.

Secretary's Order No. 17423—A new pontoon was placed under the southerly ferry bridge by the Pennsylvania Railroad Company. Begun and finished August 4, 1897.

Pier, new 13, N. R.

Secretary's Order No. 17432—Fire was built on the pavement in front of pier to heat cement, by George Reigle and Son. Begun and finished August 9, 1897.

Piers, new 14 and 15, N. R.

Secretary's Order No. 17077—Fenders and sheathing of piers were repaired by the International Navigation Company. Begun April 8 and finished June 30, 1897.

Secretary's Order No. 17368—Repairs were made to the sheathing on dock of piers by the International Navigation Company. Begun July 7 and finished September 30, 1897.

Secretary's Order No. 17557—General repairs were made to piers by the International Navigation Company. Begun September 30 and finished December 31, 1897.

Bowling Street, N. R.

Secretary's Order No. 17473—The fence and backing-log in front of the ferry premises were removed by the Hahnken Land and Improvement Company. Begun August 27 and finished August 29, 1897.

Pier, old 28, N. R.

Secretary's Order No. 17032—Repairs were made to the chocking and piles of pier, by the Old Colony Steamboat Company. Begun October 28 and finished December 21, 1897.

Pier, new 19, N. R.

Secretary's Order No. 17678—Cluster piles were driven and old piles refastened at the outer end of pier, by the Old Colony Steamboat Company. Begun November 15 and finished November 17, 1897.

Chambers Street, N. R.

Secretary's Order No. 17453—Repairs were made to the water-pipe and pavement at the horse car stand, by the Metropolitan Street Railway Company. Begun and finished August 14, 1897.

Piers, new 20 and 21, N. R.

Secretary's Order No. 16924—Repairs were made to the shell and sheathing on deck of piers, by the Erie Railroad Company. Begun January 20 and finished July 31, 1897.

Secretary's Order No. 17449—Repairs were made to piers and to the ferry premises, by the Erie Railroad Company. Begun August 10, 1897; in progress.

Pier, new 22, N. R.

Secretary's Order No. 17558—Repairs were made to the sheathing on the south side of pier, by the Baltimore and Ohio Railroad Company. Begun October 11 and finished October 13, 1897.

Pier, new 25, N. R.

Secretary's Order No. 17299—Temporary awning was placed on wire ways in front of the bulkhead-shed, by the Old Dominion Steamship Company. Begun and finished June 17, 1897.

Piers, new 27, 28 and 29, N. R.

Secretary's Order No. 17107—Repairs were made to piers and to the ferry premises at Desbrosses street, by the Pennsylvania Railroad Company. Begun May 5 and finished October 30, 1897.

Secretary's Order No. 17679—General repairs were made to the piers and to the ferry premises, by the Pennsylvania Railroad Company. Begun November 20, 1897; in progress.

Secretary's Order No. 17158—Platform and awning were erected on the marginal street between the piers, by the Pennsylvania Railroad Company. Begun May 10 and finished May 27, 1897.

Desbrosses Street, N. R.

Secretary's Order No. 17371—Belgium-block pavement and planking in front of the southerly ferry entrance were repaired, by the Pennsylvania Railroad Company. Begun July 8 and finished July 21, 1897.

Pier, old 41, N. R.

Secretary's Order No. 17694—Outer end of pier, where damaged by ferryboat, was repaired by the Pennsylvania Railroad Company. Begun November 19 and finished November 21, 1897.

Pier, old 42, N. R.

Secretary's Order No. 16748—Piles were landed on the filling south of pier, by John Monks & Sons. Begun November 6, 1896, and finished September 16, 1897.

Secretary's Order No. 17004—Derrick, platform, scales and office were placed on the bulkhead northerly of pier, by the Merchants' and Tanners' Line. Begun May 7 and finished May 21, 1897.

Pier, new 41, N. R.

Secretary's Order No. 17685—Tar kettles were placed on the pavement in front of pier, to heat cement, and then removed, by the Warren Chemical and Manufacturing Company. Begun November 19 and finished November 24, 1897.



*Christopher Street, N. R.*

Secretary's Order No. 17322—Repairs were made to the interior of the ferry premises, by the Hoboken Ferry Company. Begun June 22 and finished June 29, 1897.

*Pier, new 45, N. R.*

Secretary's Order No. 17236—Ten of "Giant" fire extinguisher was made on the Marginal street in front of pier by the Little Giant Fire Extinguisher Company. Begun and finished May 19, 1897.

*Charles Street, N. R.*

Secretary's Order No. 17370—Water-pipe connections were made to oyster-bait at bulkhead south of street, by William Sisson. Begun July 14 and finished July 17, 1897.

*Charles to Governor Street, N. R.*

Secretary's Order No. 15993—Poles and wires were removed from West street and Thirteenth avenue by the New York Telephone Company. Begun May 30, 1896, and finished June 21, 1897.

*Bank Street, N. R.*

Secretary's Order No. 17591—Mooring piles were driven outside of the old bulkhead by the Morris & Cammings Dredging Company and removed. Begun October 9 and finished December 1, 1897.

*Pier, old 56 1/2, N. R.*

Secretary's Order No. 17470—Platforms were erected north and south of pier by the Lehigh Valley Railroad Company. Begun August 1 and finished August 9, 1897.

Secretary's Order No. 17507—44 square yards of Belgian-block pavement in front of pier was taken up and relaid to grade by the Lehigh Valley Railroad Company. Begun October 14 and finished October 15, 1897.

Secretary's Order No. 17508—Fence was erected across the lower end of the pier by the Lehigh Valley Railroad Company. Begun December 6 and finished December 13, 1897.

*Pier, old 58, N. R.*

Secretary's Order No. 17181—A temporary sign and post and portable office (6 feet by 3 feet) was placed by employees of the New York and Long Branch Steamboat Company, under permit. Begun April 19 and finished May 3, 1897.

*Pier, old 59, N. R.*

Secretary's Order No. 17208—Office signs, etc., were placed on the inner end of the pier by the New York and Long Branch Steamboat Company. Begun June 22 and finished July 19, 1897.

Secretary's Order No. 17300—Water-pipe connections were made with Crown main on Thirteenth avenue at Little West Twelfth street, by Karsen P. Sands. Begun July 26 and finished August 12, 1897.

*Pier, old 59 1/2 to Pier, new 58 1/2, N. R.*

Secretary's Order No. 17218—The house and sign on Pier, old 59, were removed to Pier, new 58 1/2, by employees of the New York and Long Branch Steamboat Company, under permit. Begun May 15 and finished June 1, 1897.

*The foot of 11th West Twelfth Street, N. R.*

Secretary's Order No. 17313—A sign (12 feet by 14 feet) was placed on the southeast corner by employees of the New York and Long Branch Steamboat Company, under permit. Begun June 7 and finished June 9, 1897.

*West Thirtieth Street, N. R.*

Secretary's Order No. 10042—An ice-bridge, scales and tally-house were erected by employees of the Knickerbocker Ice Company, under permit. Begun March 10 and finished May 24, 1897.

Secretary's Order No. 17213—Repairs were made to the north and south ferry racks, by the Pennsylvania Railroad Company. Begun May 18 and finished May 27, 1897.

Secretary's Order No. 17507—Repairs were made to the ferry premises by the Pennsylvania Railroad Company. Begun October 18 and finished October 25, 1897.

Secretary's Order No. 17634—Repairs were made to the fenders and sheathing of pier, by the Consolidated Ice Company. Begun and finished October 24, 1897.

*Bulkhead between Thirtieth and Fourteenth Streets, N. R.*

Secretary's Order No. 16015—The bulkhead was raised and the bulkhead cleaned by employees of owners, by order of the Board. Begun March 20 and finished July 6, 1897.

*West Fifteenth and Sixteenth Streets, N. R.*

Secretary's Order No. 14091—Bulkhead was raised to grade and repairs were made, by the Central Railroad Company of New Jersey.

*Pier at Eighteenth Street, N. R.*

Secretary's Order No. 17227—Several of the oak fender piles were refastened and renewed, and the bulkhead fender-piles and sheathing on deck repaired, where necessary, by John Monks & Son, contractors for lessee, by order of the Board. Begun March 20 and finished July 2, 1897.

*West High Street and Nineteenth Street, N. R.*

Secretary's Order No. 17713—43-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun November 29 and finished November 30, 1897.

Secretary's Order No. 17716—43-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 19, 1897.

Secretary's Order No. 17717—44-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 21, 1897.

Secretary's Order No. 17778—44-ton reel of wire and 55-ton piece of machinery were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun December 29, 1897; in progress.

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

Secretary's Order No. 17288—50-ton grade was loaded on the bulkhead, north of pier, by the Merritt and Chapman Derrick and Wrecking Company. Begun and finished June 3, 1897.

*Pier at Twenty-first Street, N. R.*

Secretary's Order No. 17391—The wall, which sunk at the southern side of this pier, was raised by P. Walsh, the owner, under order of the Board. Begun and finished July 13, 1897.

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

Secretary's Order No. 17211—Chocks, fenders and spring piles were placed on the sides of pier by the Hudson River Line. Begun May 17 and finished May 26, 1897.

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

Secretary's Order No. 17239—Alterations and repairs were made to the ferry premises by the Erie Railroad Company. Begun June 17 and finished June 29, 1897.

*Pier, new 53, N. R.*

Secretary's Order No. 17472—Hole was cut in the deck of pier and trap-door placed over same by Department of Public Works, to admit men to clean sewer under pier. Begun August 19 and finished August 21, 1897.

*Pier, new 53 and 54, N. R.*

Secretary's Order No. 16544—Two-story ferry structure was erected by the Pennsylvania Railroad Company. Begun January 20 and finished December 1, 1897.

Secretary's Order No. 17103—Fence along the northern side of sewer was removed, additional piles were driven and the sewer docked over by the Pennsylvania Railroad Company. Begun April 21 and finished May 22, 1897.

Secretary's Order No. 17223—Poles were placed in front of the ferry premises to protect passengers. Begun May 17 and finished May 19, 1897.

Secretary's Order No. 17234—Electric passenger elevator was placed in the ferry-house by the Pennsylvania Railroad Company. Begun May 12 and finished October 16, 1897.

*Pier, new 54, N. R.*

Secretary's Order No. 17065—Exhaust pipe under pier was carried to a grade below mean low water by the Anchor Line of Steamers. Begun May 17 and finished May 19, 1897.

Secretary's Order No. 17198—Repairs were made to the outer end of pier, where damaged by the ferry-boat "Pittsburg," by the Pennsylvania Railroad. Begun May 10 and finished May 12, 1897.

*Pier, new 54 and 55, N. R.*

Secretary's Order No. 16597—Ice-bridge, scales and weigh office on the bulkhead were removed to make way for laying new pavement, under Contract No. 543, and replaced by Tilley and Littlefield. Begun September 19, 1896, and finished May 12, 1897.

*Pier, new 55 and 56, N. R.*

Secretary's Order No. 17120—Additional filling was placed in rear of the bulkhead-wall, to bring area to new grade of pavement on Thirteenth avenue, by J. B. & J. M. Cornell. Begun April 19 and finished December 15, 1897.

Secretary's Order No. 17693—Transfer bridge is being erected by the Baltimore and Ohio Railroad Company. Begun December 10, 1897; in progress.

*Pier, new 57, N. R.*

Secretary's Order No. 17430—Filling is being placed in rear of wall, to bring area to proper grade, by the Panama Railroad Company. Begun August 13, 1897; suspended.

*Pier, new 58 and 59, N. R.*

Secretary's Order No. 17326—Filling was placed in rear of bulkhead-wall, to bring area to proper grade, by Clarence L. Smith. Begun June 17 and finished June 29, 1897.

*West Thirtieth Street, N. R.*

Secretary's Order No. 17437—Pocket-dump is being erected on the north side of pier by the Department of Street Cleaning. Begun July 23, 1897; in progress.

*Pier at Thirty-first Street, N. R.*

Secretary's Order No. 17412—Three new fender-piles were placed at outer end by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun August 9 and finished October 4, 1897.

*Pier at Thirty-third Street, N. R.*

Secretary's Order No. 17417—The horizontal sheathing was renewed where necessary, one fender-pile and two chocks on outer corners renewed, and others refastened and repaired where necessary by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun August 16 and finished October 4, 1897.

*West Thirty-seventh Street, N. R.*

Secretary's Order No. 17521—Repairs were made to the sheathing on the approach to pier by the Pennsylvania Railroad Company. Begun November 15 and finished December 18, 1897.

*West Thirty-eighth Street, N. R.*

Secretary's Order No. 17523—Repairs were made to the fenders on pier by the Pennsylvania Railroad Company. Begun September 24 and finished September 28, 1897.

*West Thirty-eighth and Thirty-ninth Streets, N. R.*

Secretary's Order No. 15605—Repairs were made to the bulkhead easterly of Twelfth avenue by G. P. and E. C. Swift. Begun November 14, 1895; suspended.

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

Secretary's Order No. 17183—One 38 and one 40-ton reel of wire were landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished May 1, 1897.

Secretary's Order No. 17240—20-ton reel of wire was landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished May 29, 1897.

Secretary's Order No. 17354—43-ton reel of wire was landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished June 30, 1897.

Secretary's Order No. 17336—31-ton reel of wire was landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished July 3, 1897.

Secretary's Order No. 17436—One 44 and one 31-ton reel of wire were landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished August 5, 1897.

Secretary's Order No. 17524—44-ton reel of wire was landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished September 13, 1897.

Secretary's Order No. 17631—31-ton reel of wire was landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun October 28 and finished November 5, 1897.

Secretary's Order No. 17729—25-ton reel of wire was landed on pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 6, 1897.

Secretary's Order No. 17738—43-ton reel of wire was landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 13, 1897.

Secretary's Order No. 17743—45-ton reel of wire was landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 15, 1897.

Secretary's Order No. 17755—44-ton reel of wire was landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 18, 1897.

Secretary's Order No. 17778—45-ton reel of wire and 55-ton piece of machinery were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun December 29, 1897; in progress.

Secretary's Order No. 17780—32-ton reel of wire was landed on the pier by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 31, 1897.

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

Secretary's Order No. 17004—The pier and approach to same and the deck was sheathed with 4-inch yellow pine, and the backing-log, the fenders and chocks between fenders renewed and repaired where necessary, and the pier cleaned by employees of B. Cronin, contractor for lessee, by order of the Board. Begun April 7 and finished September 17, 1897.

*Bulkhead foot of Fifty-fourth Street, N. R.*

Secretary's Order No. 17312—A wooden building (8 feet by 12 feet) was erected by employees of Consolidated Canal and Lake Company, under permit. Begun and finished July 2, 1897.

*West Fifty-fourth and Fifty-fifth Streets, N. R.*

Secretary's Order No. 17671—Platform and scales were erected on the bulkhead by the Sicilian Asphalt Paving Company. Begun November 15 and finished November 16, 1897.

*Twelfth and Thirteenth Avenues.*

Secretary's Order No. 11814—Fire hydrants were placed along the water-front, where required, by the Department of Public Works. Begun April 6, 1892; suspended.

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

Secretary's Order No. 17117—The sheathing on deck was patched, the backing-log and armature plate on upper outer corner renewed, and several fender-piles were refastened, by B. S. Cronin, contractor for lessee, by order of the Board. Begun April 19 and finished May 3, 1897.

*Bulkhead foot of Sixtieth Street, N. R.*

Secretary's Order No. 17014—The pavement on bulkhead was repaired, where necessary, by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun October 21 and finished October 23, 1897.

*Pier "E," foot of Sixty-fifth Street, N. R.*

Secretary's Order No. 17248—Several of the oak piles, chocks between same, backing-log and the sheathing at outer end of pier were renewed and repaired, where necessary, by employees of the New York Central and Hudson River Railroad Company, under permit. Begun July 1 and finished July 12, 1897.

*Pier "F," foot of West Sixty-seventh Street, N. R.*

Secretary's Order No. 17249—The side cap, horizontal chocks on north and south sides of pier were renewed and repaired where necessary, and two fender-piles on the south side renewed, by employees of the New York Central and Hudson River Railroad Company, under permit. Begun June 30 and finished July 5, 1897.

*Pier "G," near foot of Sixty-eighth Street, N. R.*

Secretary's Order No. 17013—The backing-log, fenders, chocks between fenders, vertical sheathing at outer end were repaired, and the armature plates refastened by G. W. Rogers, contractor for the New York Central and Hudson River Railroad Company, by order of the Board. Begun April 6 and finished May 17, 1897.

*Transfer Bridge foot of West Sixty-ninth Street, N. R.*

Secretary's Order No. 17250—The oak fender-piles and chocking were repaired where necessary by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun July 3 and finished July 9, 1897.

*Pier "I," foot of West Seventieth Street, N. R.*

Secretary's Order No. 17253—The oak fender-piles, chocks between same, backing-log, and sheathing at outer end of pier were renewed and repaired where necessary by employees of the New York Central and Hudson River Railroad Company, by order of the Board. Begun July 6 and finished July 12, 1897.



*Between West Seventy-ninth and Eightieth streets, N. R.*

Secretary's Order No. 17188—Material thereat was removed by employees of Thomas Ward by order of the Board, the permit granted having been revoked April 23, 1897. Begun August 19 and finished October 25, 1897.

*Eightieth street, N. R.*

Secretary's Order No. 17663—A hole thereat was filled in by employees of Thomas Ward, under permit. Begun October 22 and finished November 4, 1897.

*Ninety-seventh Street, N. R.*

Secretary's Order No. 17186—Temporary sheds were removed thereat by employees of Brooks Sons & Co., the permit granted having been revoked April 23, 1897, and the Board ordering the removal. Begun October 25 and finished October 29, 1897.

*Pier at One Hundred and Twenty-ninth Street, N. R.*

Secretary's Order No. 17319—One 51-ton reel of wire was landed by employees of the Morris & Chapman Derrick and Wrecking Company, under permit. Begun and finished June 12, 1897.

*One Hundred and Thirtieth and One Hundred and Forty-second Streets, N. R.*

Secretary's Order No. 17343—Two 3-inch and one 1-inch water-pipes (inclosed in box) were laid along the water-front at above premises by Conran Brothers, under permit of the Board. Begun September 10 and finished September 28, 1897.

*Bulkhead between One Hundred and Thirtieth and One Hundred and Forty-second Streets, N. R.*

Secretary's Order No. 17216—A platform 20 feet wide and 150 feet long was erected across the front of bulkhead and piles were driven thereat by John Munks & Son, contractors, for T. F. Tone, under permit. Begun August 16 and finished September 24, 1897.

Secretary's Order No. 17429—A movable hoisting engine was placed thereon for a period of thirty days by employees of T. F. Tone. Begun August 10 and finished September 15, 1897.

*Bulkhead South of One Hundred and Thirtieth Street, N. R.*

Secretary's Order No. 17269—A mast 20 feet high, 8 inches by 10 inches, was placed directly behind the string-piece by employees of John J. Hopper, under permit. Begun and finished June 14, 1897.

*Pier at One Hundred and Thirtieth Street, N. R.*

Secretary's Order No. 17112—Necessary piles were driven for the protection of the steamer "Plymouth" while lying thereat on April 27, 1897, and removed after steamer had used pier, by G. W. Rogers, contractor for Old Colony Steamboat Company, under permit. Begun April 24 and finished May 1, 1897.

*One Hundred and Forty-third Street, N. R.*

Secretary's Order No. 17338—The bulkhead which was constructed at above premises closed in, and a large quantity of stone riddled into the river. The work of raising the stone was begun June 8, 1897, and finished June 21, 1897, by New York Central and Hudson River Railroad Company, under order of the Board. The work of repairing the bulkhead is now in progress.

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

Secretary's Order No. 17443—The bath-house was extended 135 feet south of the structure at One Hundred and Fifty-eighth street, North river, on property under the control of the New York Central and Hudson River Railroad Company, by employees of Jacob Solomon, under permit. The premises were plotted. Begun April 24 and finished May 17, 1897.

Secretary's Order No. 17287—A temporary barge-land was erected adjoining the structure at One Hundred and Fifty-eighth street, North river, by employees of Jacob Solomon, under permit. Begun June 16 and finished June 18, 1897.

## EAST RIVER.

*Hamilton and South Ferries, E. R.*

Secretary's Order No. 16015—The surface of approaches and bridges was patched where necessary by employees of Union Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17176—The surface of approaches and bridges was patched where necessary by employees of the Union Ferry Company, under permit. Begun May 10 and finished July 26, 1897.

Secretary's Order No. 17410—The surface of approaches and bridges was patched where necessary by employees of the Union Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Wall, Fulton and Catharine Ferries, East river.

*Bulkhead between Piers 3 and 4, E. R.*

Secretary's Order No. 17148—Repairs were made to the fenders and fender-piles by William H. Jenks, contractor for owners, by order of the Board. Begun May 1 and finished May 4, 1897.

*Bulkhead at Entrance and Pier 4, E. R.*

Secretary's Order No. 17026—The bulkhead was rebuilt from low-water and the pier cleaned, and sheathing on same repaired where necessary, by G. W. Rogers, joint contractor for New York Central and Hudson River Railroad Company, lessee of easterly half, and E. A. Crutcher, agent for owners of westerly half, by order of the Board. Begun April 12 and finished June 25, 1897.

*Bulkhead Platform between Piers 4 and 5, E. R.*

Secretary's Order No. 17068—The fenders were repaired where necessary by G. W. Rogers, contractor for lessee, by order of the Board. Begun and finished May 17, 1897.

*Pier 5, E. R.*

Secretary's Order No. 17069—The side bearing piles on both sides of Pier, side caps, side ranges, cross caps, deck and sheathing on same, half round fenders, one mooring post, one spring pile and one oak fender-pile renewed and repaired where necessary by G. W. Rogers, contractor, for lessee, by order of the Board. Begun May 3 and finished May 26, 1897.

*Bulkhead between Piers 5 and 6, E. R.*

Secretary's Order No. 17070—Several of the fender-piles were refastened where necessary by G. W. Rogers, contractor, for lessee, by order of the Board. Begun May 17 and finished May 20, 1897.

Secretary's Order No. 17204—Several girders were unloaded thereon by employees of the Hudson River Lighterage Company, under permit. Begun May 10 and finished July 12, 1897.

*Pier, old 6, E. R.*

Secretary's Order No. 17071—Several of the fenders and fender-piles were renewed, four of the mooring posts were renewed and repaired, the sheathing on deck repaired where necessary, and the Pier cleaned by G. W. Rogers, contractors, for the New York Central and Hudson River Railroad Company, by order of the Board. Begun April 12 and finished September 14, 1897.

*Pier, new 6, E. R.*

Secretary's Order No. 16931—A permanent derrick was erected on the easterly side near outer end by employees of the Inland Transportation Company, under permit. Begun April 20 and finished May 17, 1897.

*Bulkhead between Piers 9 and 10, E. R.*

Secretary's Order No. 17228—7 oak fender-piles were driven and fastened at the lower half by William H. Jenks, contractor, under permit granted H. E. Nesmith, Jr. Begun December 8 and finished December 11, 1897.

*Pier 12, E. R. (easterly half.)*

Secretary's Order No. 17698—13 half round fenders, 3 side bearing piles and 1 oak fender-pile on the outer easterly corner, by H. Du Bois' Son, contractor, for owners and occupants. Begun December 20 and finished December 22, 1897.

*Wall Street Ferries, E. R.*

Secretary's Order No. 16915—The surfaces of approach and bridges were patched where necessary by employees of Union Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17176—The surfaces of approach and bridges were patched where necessary by employees of the Union Ferry Company, under permit. Begun May 10 and finished July 26, 1897.

Secretary's Order No. 17410—The surfaces of approaches and bridges were patched where necessary by employees of the Union Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Hamilton, South, Fulton and Catharine Ferries, East river.

*Pier 14, E. R.*

Secretary's Order No. 17256—The Pier was strengthened in accordance with permit granted, and the plans submitted to and approved by the Engineering Chief, by John Munks & Son, contractors, for Arthur D. Weeks. Begun May 14 and finished October 19, 1897.

*Pier 15, E. R. (westerly side.)*

Secretary's Order No. 17416—The side pile near inner end was renewed and several of the fenders and chocks between fenders were renewed and repaired by employees of William P. Clyde & Co., by order of the Board. Begun August 23 and finished September 28, 1897.

*Pier 17, E. R.*

Secretary's Order No. 17470—Fender-piles were driven and one crib strengthened by William H. Jenks, contractor, for R. M. Ferris, under permit. Begun August 16 and finished August 21, 1897.

*Pier 18, E. R.*

Secretary's Order No. 17123—The bearing piles, fender-piles and mooring post were renewed and refastened where necessary by W. H. Jenks, contractor, for lessee, by order of the Board. Begun May 17 and finished May 21, 1897.

Secretary's Order No. 17458—Repairs were made to the deck sheathing on the westerly side of Pier 18, East river, and to the shed thereon by the repair or lessee of same, under permit of the Board. Begun August 5 and finished September 7, 1897.

Secretary's Order No. 17610—Repairs of the damages caused by the ship "Henry Villard" to the pier were made by David G. Dearborn, upon authorization by the Department of Docks, said damages requiring repairs to the corrugated iron siding of the shed and the replacing of several pieces of siding. Begun October 21 and finished October 23, 1897.

*Fulton Street Ferries.*

Secretary's Order No. 16915—The surfaces of approach and bridges were patched where necessary by employees of the Union Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17176—The surfaces of approach and bridges were patched where necessary by employees of the Union Ferry Company, under permit. Begun May 10 and finished July 26, 1897.

Secretary's Order No. 17410—The surfaces of approach and bridges were patched where necessary by employees of Union Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Hamilton, South, Wall and Catharine Ferries, East river.

*Pier 22, E. R.*

Secretary's Order No. 17164—Two white oak fender-piles were replaced by William H. Jenks, contractors, for the Fulton Market Plumbers' Association, under permit.

*Pier 24, E. R.*

Secretary's Order No. 17157—Six white oak spring piles were driven by William H. Jenks, contractor, for the Hartford and New York Transportation Company, under permit. Begun May 1 and finished May 3, 1897.

Secretary's Order No. 17260—A gangway was set in the private platform on westerly side of Pier by William H. Jenks, contractor, for the Fulton Market Plumbers' Association, under permit. Begun June 4 and finished June 8, 1897.

*Between Piers 26 and 27, E. R.*

Secretary's Order No. 17108—An iron shed was erected on the extension of platform between Piers 26 and 27, East river, by the Baltimore and Ohio Railroad Company, under permit of the Board. Begun July 27 and finished August 16, 1897.

*Roosevelt Street Ferries, E. R.*

Secretary's Order No. 16916—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17177—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun May 1 and finished July 26, 1897.

Secretary's Order No. 17411—The surfaces of approaches and bridges were patched where necessary by employees of the New York and Brooklyn Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Grand and Twenty-fifth Street Ferries, East river.

*Pier 29, E. R.*

Secretary's Order No. 17574—Fender-piles were replaced, 14 piles on the outer southeast corner and 2 piles on the southerly side of Pier 29, East river, by William P. Clyde & Co., under permit of the Board. Begun October 4 and finished October 12, 1897.

*Pier 32, E. R.*

Secretary's Order No. 17683—Repairs were made by the Long Island Railroad Company, under permit of the Board. Begun November 21 and finished November 28, 1897.

*James Ship, E. R.*

Secretary's Order No. 17089—The pontoon under ferry bridge was changed and the hullation at shore end renewed, and mud and stone were excavated, where necessary, by employees of the Long Island Railroad Company, under permit. Begun May 1 and finished May 17, 1897.

*Pier 34, E. R.*

Secretary's Order No. 17608—General repairs were made to pier by William P. Clyde & Co., under permit of the Board, together with necessary repairs to the sheathing. Begun October 19 and finished November 29, 1897.

*Foot of Catharine Street, E. R.*

Secretary's Order No. 17057—Old piles of the ferry rack at Catharine street were removed by the Union Ferry Company. Begun June 21 and finished June 28, 1897.

*Catharine Ferry, E. R.*

Secretary's Order No. 16915—The surfaces of approach and bridges were patched, where necessary, by employees of Union Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17176—The surface of approach and bridges was patched, where necessary, by employees of the Union Ferry Company, under permit. Begun May 10 and finished July 26, 1897.

Secretary's Order No. 17410—The surfaces of approaches and bridges were patched, where necessary, by employees of the Union Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Hamilton, South, Wall and Fulton Ferries, East river.

*Pier, old 36, E. R.*

Secretary's Order No. 17256—The side bearing piles and oak fenders were renewed and repaired by employees of the Vermont Central Railroad Company, by order of the Board. Begun September 1 and finished September 8, 1897.

*Pier 38, E. R.*

Secretary's Order No. 17126—Fenders and fender-piles were refastened where necessary by employees of lessees, by order of the Board. Begun May 1 and finished May 4, 1897.

*Pier 39, E. R.*

Secretary's Order No. 17257—The end of Pier was repaired, and spring and bearing piles were driven by John Munks & Son, contractors, for Bridgeport Steamboat Company, under permit. Begun June 14 and finished June 28, 1897.

*Pier 40, E. R.*

Secretary's Order No. 17127—Horizontal sheathing, backing-log and fenders on westerly side of Pier were renewed and refastened where necessary by G. W. Rogers, contractor, for lessee, by order of the Board. Begun May 17 and finished May 24, 1897.

*Pier, new 36, E. R.*

Secretary's Order No. 17433—Repairs to Pier where damaged by U. S. steamship "Maine," were made by the lessees of the property. Repairs consisted of the driving of about 11 fender-piles and 3 bearing-piles, repairs to side cap, side range, backing-log and side-fenders, also the refastening of the "A" and horizontal braces. The cars sunk by collision of the warship with the railroad company's boat were raised and removed. Begun August 3 and finished August 14, 1897.



*Pier, old 42, E. R.*

Secretary's Order No. 17552—Repairs were made on the bulkhead extending easterly from side of Pier, old 42, by the New York Dry Dock and Repair Company, under permit of the Board. Begun September 25 and finished October 27, 1897.

*Pier, old 43, E. R.*

Secretary's Order No. 17572—Repairs were made to the sunken pavement in front of the gangway by James McDermott, under permit of the Board. Begun October 2 and finished October 10, 1897.

*Ridgely Slip, E. R.*

Secretary's Order No. 17626—The mow which sunk at above premises on October 22, 1897, was raised by Sanitary Utilization Company, under order of the Board. Begun and finished October 23, 1897.

*Pier, old 40, E. R.*

Secretary's Order No. 17530—Repairs were made in the 45 feet of bulkhead easterly of Pier 40, identified as Pier, new 30, by John B. Smith & Sons, under permit of the Board. Begun September 28 and finished October 6, 1897.

*Between Piers 40 and 47, E. R.*

Secretary's Order No. 17480—A 40-ton reel of wire was landed on the bulkhead between Piers 40 and 47, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Begun August 20 and finished August 27, 1897.

Secretary's Order No. 17405—The scow "Albany," which was sunk in the slip between the above piers on August 27, 1897, was raised by Baxter Wrecking Company, for McIntire & Matthews, under order of the Board. Begun and finished August 28, 1897.

*Bulkhead in front of Pier 47, E. R.*

Secretary's Order No. 17004—The bulkhead was rebuilt from low water up, by William H. Jenks, contractor, for owners, by order of the Board. Begun May 1 and finished May 11, 1897.

*Piers 40 1/2, 51 and 52, E. R.*

Secretary's Order No. 17677—Repairs were made by the New York, New Haven and Hartford Railroad Company, under permit of the Board, on Piers 40 1/2, 51 and 52, East river, the work consisting of repairs to the backing-log, horizontal and deck sheathing, fenders and tender-piling. Begun November 17 and finished December 4, 1897.

*Pier 50, E. R.*

Secretary's Order No. 17592—Repairs were made to Pier 50, East river, by the New York, New Haven and Hartford Railroad Company, under permit of the Board, the work consisting of repairs to the cross caps, girders, clanking, tendering, vertical and horizontal sheathing and the backing-log; also the replacing of sunken fender-piles. Begun September 16 and finished December 11, 1897.

*Pier 50, E. R.*

Secretary's Order No. 17490—Nine (9) white oak fender piles were driven and fastened and repairs made to the sheathing and backing-log, by C. W. Rogers, contractor, for owners and occupants, by order of the Board. Begun December 2 and finished December 11, 1897.

*Corleau Street, E. R.*

Secretary's Order No. 17648—A bath was placed on private property at northerly side by employees of James Monahan, under permit. Begun June 1 and finished June 5, 1897.

Secretary's Order No. 17404—One 40-ton reel of wire was landed by employees of the Merritt & Chapman Derrick and Wrecking Company, under permit and consent of lessee, John A. McCarthy. Begun and finished May 5, 1897.

Secretary's Order No. 17657—One 40-ton reel of wire was landed on the bulkhead east of Corleau street, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Reel landed November 16 and removed November 17, 1897.

*Pier 55, E. R.*

Secretary's Order No. 17639—Fire (telegram) apparatus was placed on the southerly side of Pier 55, East river, by the Fire Department, under permit of the Board. Begun November 7 and finished November 9, 1897.

*Grand Street Ferry, E. R.*

Secretary's Order No. 17410—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17177—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun May 1 and finished July 26, 1897.

Secretary's Order No. 17411—The surfaces of approaches and bridges were patched where necessary by employees of the New York and Brooklyn Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Roosevelt and Twenty-third Street Ferries, East river.

*Bulkheads between Piers 55 and 60, E. R.*

Secretary's Order No. 17182—The bulkhead between Piers 55 and 60, East river, was pierced for the purpose of sewer outlet, and sewer boxes are being constructed under each pier by the Department of Public Works, under permit of the Board at Dicks. Begun May 2; in progress, nearing completion.

*Pier, old 58, E. R.*

Secretary's Order No. 17169—A dumping-board was erected on the temporary pier built on the site of Pier, old 58, East river, by the Brooklyn and New York Ferry Company, under permit of the Board. Begun July 19 and finished August 2, 1897.

*Between Piers, old 58 and 59, E. R.*

Secretary's Order No. 17627—A temporary pier is being built between Piers, old 58 and 59, East river, by Shasley & Ryan, under permit of the Board. Begun November 8, 1897; in progress.

*Delancey Street, E. R.*

Secretary's Order No. 17674—Four bunches of piles were driven at the foot of Delancey street, East river, by Burns Brothers, under permit of the Board. Begun November 13 and finished November 15, 1897.

Secretary's Order No. 17682—A new temporary pier was built by the Brooklyn and New York Ferry Company at the foot of Delancey street, East river, under permit of the Board. Pier, old 57, in compliance with the conditions of the permit, was removed, and the site of same was dredged to conform to soundings required by the Department. Begun May 24 and finished October 21, 1897.

*Foot of Delancey and Rivington Streets, E. R.*

Secretary's Order No. 15305—Barrings for rock and strata examinations were made by the New York and East River Bridge Company at the foot of Delancey and Rivington streets, East river, under permit of the Board. Begun September 19, 1895, and finished September 11, 1896.

*East Street, south of Rivington Street, E. R.*

Secretary's Order No. 17731—Ice platform, scale and tally-house on the bulkhead at East street, south of Rivington street, East river, were raised to the present grade of the street by the Consolidated Ice Company, under permit of the Board. Begun December 8 and finished December 27, 1897.

*Pier 60, E. R.*

Secretary's Order No. 17270—A scale was placed thereon by employees of Carl Smith's Son, under permit. Begun June 8 and finished July 1, 1897.

*Pier 61, E. R. (northerly half.)*

Secretary's Order No. 16938—The Pier was cleaned and the sheathing repaired by employees of lessee, by order of the Board. Begun July 28, 1896, and finished May 3, 1897.

Secretary's Order No. 17498—The sheathing was renewed and repaired, where necessary, and the Pier cleaned by employees of Etzel & Son, by order of the Board. Begun August 11 and finished October 26, 1897.

*Between Stanton and Houston Streets, E. R.*

Secretary's Order No. 17369—A coal-hoist was erected on the bulkhead between Stanton and Houston streets, East river, the said hoist connecting with bridge across Tompkins street, by Hencken & Co., under permit of the Board. Begun August 3 and finished November 10, 1897.

*Bulkhead south of Third Street, E. R.*

Secretary's Order No. 17355—A structure was erected in the slip adjacent to the south side of Pier foot of Third street, East river, under permit of the Board, by D. Jordan, to demonstrate his invention of building submerged foundation for breakwaters. Begun June 30 and removed July 2, 1897, the permit having been revoked at a meeting of the Board July 1, 1897.

*Between Stanton and Fourth Streets, E. R.*

Secretary's Order No. 17207—The work of removal of shanties and other structures between Stanton and Fourth streets, East river, by the owners and occupants thereof, as per notification of the Board, is in progress, having been commenced August 2, 1897.

*East Fifth Street, E. R.*

Secretary's Order No. 17146—An ice platform was erected on the Pier foot of East Fifth street, East river, by the Haslowood Ice Company, under permit of the Board. Begun April 19 and finished May 1, 1897.

*Pier foot Fifth Street, E. R.*

Secretary's Order No. 17235—An iron ash-bas, 6 feet by 6 feet, was placed thereon by employees of the Fire Department, under permit. Begun and finished June 7, 1897.

*Between Sixth and Seventh Streets, E. R.*

Secretary's Order No. 17620—Eight spruce fender-piles were driven in front of the bulkhead between Sixth and Seventh streets, East river, by Nesmith & Constantine Company, under permit of the Board. Begun October 30 and finished November 3, 1897.

*Pier at Ninth Street, E. R.*

Secretary's Order, No. 17149—One bearing and one fender-pile were driven and fastened by T. A. Walsh, contractor, for lessee, by order of the Board. Begun and finished May 17, 1897.

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

Secretary's Order No. 17304—Piles were driven and necessary repairs made by Gildersleeve & Rolph, contractors, for the Mutual Gas-light Company, under permit. Begun June 24 and finished July 28, 1897.

*Bulkhead foot Fourteenth Street, E. R.*

Secretary's Order No. 17129—Fenders were repaired by J. Gilmore, contractor, for lessee, by order of the Board. Begun May 1 and finished May 4, 1897.

*Bulkhead at Sixteenth Street, E. R.*

Secretary's Order No. 17740—The lighter "C. L. Marchall," which was sunk at above premises on December 7, 1897, was raised by Barrett Manufacturing Company, under order of the Board. Begun and finished December 16, 1897.

*East Seventeenth Street, E. R.*

Secretary's Order No. 16513—Vulker jumps were erected at the foot of East Seventeenth street, East river, by the Department of Street Cleaning, under permit of the Board. Begun March 11 and finished June 25, 1897.

*Pier at East Nineteenth Street, E. R.*

Secretary's Order No. 17201—Repairs were made to the Pier by John W. Bronkman, under permit of the Board; the work amounted to the rebuilding of the Pier from the side cap up; also the placing of new bearing piles where necessary and rebuilding of the crib from low water up. Begun June 18 and finished December 10, 1897.

*East Twentieth Street, E. R.*

Secretary's Order No. 17237—Two reels of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board, on May 18, 1897.

Secretary's Order No. 17343—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Reel landed and removed June 29, 1897.

Secretary's Order No. 17357—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Reel landed and removed July 2, 1897.

Secretary's Order No. 17395—A 45-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Reel landed and removed July 19, 1897.

Secretary's Order No. 17407—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Reel landed July 24 and removed July 25, 1897.

Secretary's Order No. 17434—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Reel landed August 2 and removed August 4, 1897.

Secretary's Order No. 17490—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Reel landed August 13 and removed August 14, 1897.

Secretary's Order No. 17471—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Reel landed August 16 and removed August 17, 1897.

Secretary's Order No. 17474—A 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Reel landed August 21 and removed August 22, 1897.

Secretary's Order No. 17488—One 55-ton piece of machinery and one 44-ton reel of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. The former landed August 28 and removed August 29, 1897, and the latter landed August 30 and removed September 4, 1897.

Secretary's Order No. 17516—One 44-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Reel landed September 11 and removed September 13, 1897.

Secretary's Order No. 17535—A 55-ton piece of machinery was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. Begun and finished September 20, 1897.

Secretary's Order No. 17594—Two 45-ton reels of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company under permit of the Board. One landed October 13 and removed same date; the other, October 14 and removed October 16, 1897.

Secretary's Order No. 17664—One 40-ton reel of wire was landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board, on November 9 and removed November 10, 1897.

*Pier at Twenty-first Street, E. R.*

Secretary's Order No. 17206—A gangway was cut in the end, the backing-log replaced and the sheathing on same repaired, by O'Brien & Doyle, contractors, for E. M. Brown, under permit. Begun June 14 and finished July 10, 1897.

*Pier, East Twenty-first Street, E. R.*

Secretary's Order No. 17350—A temporary canvas structure, 24 feet long, 16 feet wide and 12 feet high, was erected on the pier, by Edwin M. Brown, under permit of the Board. Begun June 28 and finished July 2, 1897.

Secretary's Order No. 17375—A corrugated-iron shed was erected on the pier by John J. Connors, manager of the steamer "Idlewild," under permit of the Board, the work having been done in accordance with specifications submitted and approved. Begun July 19 and finished August 2, 1897.

*Twenty-third Street Ferry, E. R.*

Secretary's Order No. 16916—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun March 1 and finished May 1, 1897.

Secretary's Order No. 17177—The surfaces of approaches and bridges were patched where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun May 1 and finished July 26, 1897.

Secretary's Order No. 17411—The surfaces of approaches and bridges were patched where necessary by employees of the New York and Brooklyn Ferry Company, under permit. Begun July 27 and finished October 26, 1897.

All this work was done in conjunction with work at Roosevelt and Grand Street Ferries, East river.

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

Secretary's Order No. 17247—Bell, lamp and electrical conductors were removed by the Tenth and Twenty-third Street Ferry Company, by direction of the Department, from the pier so as not to interfere with the erection of the Recreation Building, and after its completion, were replaced, except the lamp which was permanently removed. Begun June 16 and finished December 27, 1897.

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

Secretary's Order No. 17455—Platforms are being constructed and Morgue buildings and shed are being erected on the pier, by the Department of Charities, under permit of the Board. Begun August 30, 1897; in progress.



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

Secretary's Order No. 17680.—One 35-ton piece of machinery was landed on the pier, East river, by the Marritt & Chapman Derris & Wrecking Company, under permit of the Board, on November 17, 1897, and removed the same date.

*Bulkhead at Thirtieth Street, E. R.*

Secretary's Order No. 17443.—The scow "Battica," which was sunk at above premises, was raised and removed by Albert Hastori, owner, under order of the Board. Began August 5 and finished August 14, 1897.

Secretary's Order No. 17509.—The scow "Battica," which was sunk at above premises on September 1, 1897, was raised and removed by Albert Hastori, under permit of the Board. Began and finished September 8, 1897.

*Between East Thirty-second and Thirty-third Streets, E. R.*

Secretary's Order No. 17031.—A grain elevator, boiler-house, engine, etc., are in course of construction by Clark & Allen, under permit of the Board. Began May 24, 1897; in progress.

*Bulkhead between Thirty-ninth and Fortieth Streets, E. R.*

Secretary's Order No. 17131.—Several of the oak fender-piles were renewed and refastened where necessary by Patrick Fagin, contractor for the Equitable Gas-light Company by order of the Board. Began August 9 and finished August 14, 1897.

*Bulkhead between Fortieth and Forty-first Streets, E. R.*

Secretary's Order No. 17132.—Several of the fender piles were renewed and refastened by Patrick Fagin, contractor for the Equitable Gas-light Company by order of the Board. Began July 16 and finished August 19, 1897.

*Bulkhead between Forty-first and Forty-second Streets, E. R.*

Secretary's Order No. 17133.—Several of the fender-piles were renewed and refastened where necessary by Patrick Fagin, contractor for the Equitable Gas-light Company by order of the Board. Began August 17 and finished August 20, 1897.

*Bulkhead between Forty-second and Forty-third Streets, E. R.*

Secretary's Order No. 17130.—Several of the fender-piles and one mooring post were renewed and refastened where necessary by Patrick Fagin, contractor for the Equitable Gas-light Company by order of the Board. Began August 2 and finished August 20, 1897.

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

Secretary's Order No. 17383.—Piles were driven by Spearin & Preston, contractors for Charles A. Stadler under permit. Began July 19 and finished August 2, 1897.

*East Fifty-third Street, E. R.*

Secretary's Order No. 17051.—The deck of the pile platform south of East Fifty-third street, East river, was repaired by Lamer & Smith under permit of the Board; the repairs consisting of replacing several cross caps and resheathing the deck. Began November 1 and finished November 3, 1897.

*Between East Fifty-ninth and Sixtieth Streets, E. R.*

Secretary's Order No. 17448.—A building is being erected over land under water by the New York Steam Company under permit of the Board. Began August 19, 1897; in progress.

*Pier at Sixty-first Street, E. R.*

Secretary's Order No. 17388.—A dumping-board was erected by the Department of Street Cleaning under permit of the Board on the northerly side of the pier, East river. Began August 23 and finished September 13, 1897.

*Between East Sixty-third and East Sixty-fourth Streets, E. R.*

Secretary's Order No. 17440.—Repairs, consisting of the replacing of some oak fenders and repairing mooring posts, were made to the bulkhead by Neidinger & Sons, under permit of the Board. Began August 20 and finished August 23, 1897.

*Dumping-board, foot of Eightieth Street, E. R.*

Secretary's Order No. 17321.—Two bawling and two fender piles were driven by E. B. Jenks, contractor for Department of Street Cleaning, under permit. Began June 15 and finished June 18, 1897.

*Pier, East Ninety-first Street, E. R.*

Secretary's Order No. 17228.—Portions of abandoned water-pipe and fixtures used by the George Riegler Brewing Company for drawing salt water from the river were removed by that company. Began May 18 and finished May 19, 1897.

*Pier at Ninety-fourth Street, E. R.*

Secretary's Order No. 17518.—The sheathing on north side was repaired by employees of Hencken & Co., by order of the Board. Began September 23 and finished September 25, 1897.

*Between East Ninety-fifth and East Ninety-sixth Streets, E. R.*

Secretary's Order No. 17184.—A power-house is being erected by the Metropolitan Street Railway Company on the property owned by that company bounded by East Ninety-fifth and East Ninety-sixth streets and First avenue, under permit of the Board. Began May 25, 1897; in progress.

*Bulkhead south of Ninety-seventh Street, E. R.*

Secretary's Order No. 17134.—The fenders and backing-lag were renewed and repaired where necessary by John Gillies, contractor for owners, by order of the Board. Began May 14 and finished June 8, 1897.

*Bulkhead between Ninety-seventh and Ninety-eighth Streets, E. R.*

Secretary's Order No. 17109.—The bulkhead was rebuilt and repaired where necessary by John Gillies, contractor for Solomon Mehrback, under permit. Began May 17 and finished August 10, 1897.

## HARLEM RIVER.

*Pier East One Hundredth Street, H. R.*

Secretary's Order No. 17408.—An ice platform, scale and tally-house were erected on the southerly side of the pier by William M. Montgomery & Co., under permit of the Board. Began July 26 and finished August 5, 1897.

Secretary's Order No. 17057.—A small shed, for stabling a horse used for hoisting, was erected on the pier by William M. Montgomery & Co., under permit of the Board. Began November 1 and finished November 3, 1897.

*Bulkhead between One Hundred and Twelfth and One Hundred and Thirtieth Streets, H. R.*

Secretary's Order No. 17136.—Repairs were made to the fenders by employees of owners by order of the Board. Began May 1 and finished May 3, 1897.

Secretary's Order No. 17646.—The bulkhead having been damaged by a sand scow, was repaired by Thomas Tabor, executor of the estate of Stephen Tabor, under permit of the Board. The work consisted of repairs to four courses of the crib-bulkhead, immediately below the backing-log, for a distance of about 35 feet. Began October 25 and finished October 29, 1897.

*Bulkhead south of One Hundred and Fourteenth Street, H. R.*

Secretary's Order No. 17137.—Fenders and fender-piles were renewed and refastened where necessary by employees of occupants by order of the Board. Began May 14 and finished May 24, 1897.

*Pier, East One Hundred and Sixteenth Street, H. R.*

Secretary's Order No. 17281.—Buildings, waiting-rooms, ambulance stations, etc., are in course of construction on the pier by the Manhattan State Hospital. Began September 27, 1897; in progress.

*Bulkhead between One Hundred and Eighteenth and One Hundred and Nineteenth Streets, H. R.*

Secretary's Order No. 17218.—Fourteen (14) piles were driven thereto by Walls & Van Riper, contractors for the Jonson Engineering and Foundry Company, under permit. Began May 26 and finished June 6, 1897.

*Pier at One Hundred and Nineteenth Street, H. R.*

Secretary's Order No. 17097.—Several of the fender-piles were refastened and rechecked and the sheathing repaired where necessary by Walls & Van Riper, contractors, for lesser, by order of the Board. Began April 6 and finished June 6, 1897.

*Pier south of One Hundred and Twenty-fifth Street, H. R.*

Secretary's Order No. 17134.—Six fender piles were driven and fastened by Warren Rosevelt for Abraham Steers Lumber Company, under permit. Began April 21 and finished May 2, 1897.

*One Hundred and Thirty-seventh Street, Mott Haven Canal.*

Secretary's Order No. 17665.—Fourteen piles were driven at above premises, and a mast, to be used for hoisting coal, erected thereon, by Henry Meyer, under permit of the Board. Began November 10 and finished November 13, 1897.

*One Hundred and Thirty-eighth Street, West of Grand Avenue, H. R.*

Secretary's Order No. 16322.—Filling-in is being deposited on the westerly side of Harlem river, at above premises, by Jordan L. May, under permit of the Board. Began June 16, 1896, and in progress from time to time.

*Bulkhead foot of Lincoln Avenue, H. R.*

Secretary's Order No. 17142.—The bin was extended 20 feet by 6 feet north of its former position by employees of the Street Cleaning Department, under permit. Began April 19 and finished May 3, 1897.

*Dog's Place, H. R.*

Secretary's Order No. 17073.—Piles were placed thereto by employees of the New York Central and Hudson River Railroad Company by order of the Board. Began April 22 and finished August 25, 1897.

*One Hundred and Forty-fourth Street, H. R.*

Secretary's Order No. 15398.—Filling-in is being deposited on the easterly side of Harlem river, at above premises, by John Crumwell, under permit of the Board. Began November 29, 1895; in progress from time to time.

*One Hundred and Forty-seventh and One Hundred and Fiftieth Streets, H. R.*

Secretary's Order No. 17180.—Filling-in is being placed to a grade of 5 feet above high water, westerly of a line drawn from a point on the northerly line of One Hundred and Forty-seventh street, to 230 feet westerly of Lenox avenue, to a point on the southerly side of One Hundred and Fiftieth street, distant 60 feet easterly of Seventh avenue, by John D. Cummings, under permit of the Board. Began April 22, 1897; in progress.

*One Hundred and Forty-eighth Street, Lower Avenue, H. R.*

Secretary's Order No. 17320.—A boathouse was placed at above premises, by Jacob Kahlman, under permit granted by the Board of Dock. Began June 17 and finished June 24, 1897.

*One Hundred and Fiftieth Street, H. R.*

Secretary's Order No. 17483.—Buildings were erected on the easterly side of Harlem river, about 200 feet north of above premises, by Hader Asphalt Company, under permit of the Board. Began August 25 and finished October 15, 1897.

*Sherman's Cove, H. R.*

Secretary's Order No. 17484.—A boat was placed at above premises by Thomas Bevan, under permit of the Board. Began and finished September 2, 1897.

*Morris Heights, H. R.*

Secretary's Order No. 16323.—Filling-in is being deposited north of Powell place at above premises, by Gas Engine and Power Company, under permit of the Board. Began June 1, 1896, and in progress from time to time.

Secretary's Order No. 17101.—The Marine Railway which were erected at above premises were extended further out into the river, namely, one 10 feet further out, and the other 78 feet further out, by Gas Engine and Power Company and Charles L. Seabury Company, consolidated, under permit of the Board. Began August 18 and finished October 30, 1897.

Secretary's Order No. 17642.—Launching ways were constructed at above premises and piles driven thereto by Gas Engine and Power Company and Charles L. Seabury Company, consolidated, under permit of the Board. Began August 20 and finished October 30, 1897.

Secretary's Order No. 17700.—A row of piles was driven at above premises by New York Yacht, Launch and Engine Company, by permit of the Board. Began November 29 and finished November 30, 1897.

*Two Hundred and Sixteenth and Two Hundred and Eighteenth Streets, H. R.*

Secretary's Order No. 16894.—A crib-bulkhead was constructed at above premises by Isaac A. Hopper for the Third Avenue Railroad Company, under permit of the Board. Began January 15 and finished July 3, 1897.

*Willow and Walnut Avenues, Bronx Kills.*

Secretary's Order No. 16855.—A retaining structure is being erected at above premises by Port Morris Land and Improvement Company, under permit of the Board. Began January 15, 1897, and in progress.

*Willow Avenue, Bronx Kills.*

Secretary's Order No. 15389.—Filling-in is being deposited at above premises by New York, New Haven and Hartford Railroad Company, under permit of the Board. Began September 10, 1896; in progress from time to time.

Secretary's Order No. 15574.—The filling at above premises is being extended to the eastward, by Port Morris Land and Improvement Company, under permit of the Board. Began November 29, 1895; in progress from time to time.

*Walden Avenue, Bronx River.*

Secretary's Order No. 17676.—A temporary bridge is being constructed across the Bronx river, at above premises, by the Department of Street Improvement for the Twenty-third and Twenty-fourth Wards, under permit of the Board. Began December 13, 1897; in progress.

*Oak Point, Bronx River.*

Secretary's Order No. 10938.—Filling-in is being deposited at above premises, and certain other improvements are being made thereto, by East Bay Land and Improvement Company, under permit of the Board. Began September 15, 1895; in progress from time to time.

Secretary's Order No. 17735.—A few piles were driven at above premises by B. F. Jones, for the Young Men's Christian Association, under permit of the Board. Began December 10 and finished December 18, 1897.

## LONG ISLAND SOUND.

*One Hundred and Thirty-eighth Street, Port Morris.*

Secretary's Order No. 17224.—An addition to the cribwork bulkhead was built by John Monks & Son, contractors for the Central Gas-light Company, under permit. Began May 20 and finished August 16, 1897.

*Dock on the East Side of Mott Haven Canal, at One Hundred and Thirty-eighth Street.*

Secretary's Order No. 17444.—About 44 feet of the bulkhead was rebuilt and about 45 close fender-piles were driven by employees of Marcus Bros., under permit. Began August 10 and finished August 17, 1897.

*Crib between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth Streets, Port Morris.*

Secretary's Order No. 17192.—Repairs were made thereto by John Monks & Son, contractors for Central Gas-light Company, under permit. Began May 10 and finished August 17, 1897.

*One Hundred and Fortieth Street, Long Island Sound.*

Secretary's Order No. 17225.—A sign, 10 feet long, 7 feet high, was erected by employees of the Health Department. Sign reads "Water-pipe crossing. Don't anchor." Began and finished June 30, 1897.

*Pier at City Island.*

Secretary's Order No. 17605.—A temporary house, about 9 feet by 16 feet, was erected by employees of Manhattan State Hospital, under permit. Began June 1 and finished June 8, 1897.

*Clinton's Point.*

Secretary's Order No. 17490.—The Salt Meadows above high-water mark at above premises are being filled in by Clinton Stephens, under permit of the Board. Began September 22, 1897; in progress.

*Hunt's Point.*

No authority.—A platform on piles was erected near the foot of Rioka avenue, on the westerly side of Hunt's Point. This work was done by Jones & Brosnan, who have a contract to build a sewer for the Department of Street Improvements, and this platform is to be used in connection with this contract.

*Pelham Bay, Annexed District.*

Secretary's Order No. 17566.—The fenders to the draw-bridge in Pelham Bay were rebuilt to the piers at the outer end of the bridge by the New York, New Haven and Hartford Railroad Company, under permit of the Board. Began September 27 and finished October 4, 1897.

*Throg's Neck, Westchester.*

Secretary's Order No. 17496.—A small yacht landing was placed at above premises by Clarence H. Mitchell, under permit of the Board. Began August 2 and finished August 12, 1897.



## NEW WHARFAGE ROOMS

NEW WHARFAGE ROOM MADE DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897.

CONSTRUCTION UNDER "NEW PLAN."

East River—	Linear feet.
Platform for new Morgan, north side East Twenty-sixth street pier.	327
Harlem River—	
Sherman's creek, new wharves.	750

Total new wharfrage under "New Plan"..... 1,093

TEMPORARY CONSTRUCTION UNDER "NEW PLAN."

North River—	Linear feet.
Pier old 162.	332
Pier old 163.	438
Pier old 59 (extension).	145

Total temporary construction under "New Plan"..... 915

CONSTRUCTION SITE UNDER "NEW PLAN."

North River—	Linear feet.
Pier at West One Hundred and Thirty-second street (extended).	260

East River—	
Pier at Riker's Island (extension).	397

Harlem River—	
Platform for Seventh Avenue.	100

Total construction not under "New Plan"..... 827

Total new wharfrage made during the eight months ending December 31, 1897..... 2,825

Detail Wharfrage Room Reported During the Eight Months.

North River—	Linear feet.
Pier old 54.	794
Pier, between Sixth and Seventh.	80
Bulkhead (extension) between	107
Pier old 54 and Pier old 55.	115
Pier old 55 (extension) north	328
Bulkhead reported by Pier old 55.	41
Bulkhead reported by Pier old 55.	40
West One Hundred and Thirty-second street end of old pier.	60

Total North river..... 2,555

East River—	
New Morgan platform north East Twenty-sixth street	101

Bulkhead reported by East One Hundred and Twelfth street pier.	54
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Riker's Island Pier (extension) by bulkhead.	57
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Total East river..... 222

Harlem River—	
Platform for Seventh Avenue.	55

Total wharfrage room reported during the eight months ending December 31, 1897..... 2,833

Net increase during the eight months..... 25

The decrease during the eight months ending December 31, 1897, in the length of wharfrage room is 25 linear feet, and the superficial area of the pier has been increased by 46,401 square feet and decreased by 46,375 square feet, making a net increase of 26 square feet.

NEW WHARFAGE ROOM IN LINEAR FEET TO BE MADE BY WORK BEGUN, BUT NOT FINISHED, DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897.

CONSTRUCTION UNDER "NEW PLAN."

North River—	Linear feet.
Warren Street Station (new wall).	33
Manhattan Station (new wall).	3,400
West Thirty-fourth Street Station (new wall).	100
Pier, foot West Broadway street.	1,615
Pier, foot East Broadway street.	1,609
Pier, foot Harlem street.	1,580
Pier, foot Jamaica street.	1,357
Pier, foot Commercial street.	1,140

Total, North river..... 10,133

East River—	
Pier at East One Hundred and Twenty-third street.	575

Total work begun, but not finished, during the eight months ending December 31, 1897..... 10,708

NEW WHARFAGE ROOM IN LINEAR FEET TO BE MADE BY WORK BEGUN, BUT NOT FINISHED, DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897, BY PRIVATE PARTIES, UNDER PERMIT FROM THE BOARD OF DOCKS.	
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North River—	
Bulkhead between West One Hundred and Thirty-third and One Hundred and Thirty-fourth streets.	150

East River—	Linear feet.
New pier between Piers 57 and 58.	514

Bulkhead between One Hundred and Thirty-third and One Hundred and Thirty-fourth streets, Pier 57.	66
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Pier at Thirty's Neck, East river.	47
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Platform at Hunt's Point, East river.	99
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Total, East river..... 754

Harlem River—	
Bulkhead between Two Hundred and Sixty-third and Two Hundred and Sixty-fourth streets.	878

Bronx River—	
Platform at Clason's Point.	65

Total new wharfrage room completed during the eight months ending December 31, 1897, by private parties..... 1,847

NEW WHARFAGE ROOM IN LINEAR FEET TO BE MADE BY WORK CARRIED ON DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897, BY PRIVATE PARTIES, UNDER PERMIT FROM THE BOARD OF DOCKS, BUT NOT FINISHED.	
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East River—	
Temporary pier between Piers 58 and 59, East river.	254

NEW BULKHEAD WALL TO BE BUILT BY THE DEPARTMENT OF DOCKS FOR PRIVATE PARTIES, AT THEIR COST AND EXPENSE, BEGUN DURING THE EIGHT MONTHS ENDING DECEMBER 31, 1897, BUT NOT FINISHED.	
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North River—	Linear feet.
Murray Street Station (bulkhead wall).	150

The equivalent length completed of the city's bulkhead or river wall on the North river for the eight months ending December 31, 1897, is 439 feet.	
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The total length of bulkhead or river wall completed on the granite course under the coping is as follows:	
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On the North river.....	13,173 linear feet.
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On the East river.....	2,700 "
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On the Harlem river.....	2,072 "
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Total..... 17,945 linear feet.

Of this amount, 677.58 feet have been built by private parties.	
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Two new piers have been built on the North river, and two piers have been extended on the North River.

On the East river, one new platform has been built and one has been extended.

On the Harlem river, one new bulkhead has been built.

The total new wharfrage room made during the eight months ending, December 31, 1897, is 4,672 feet.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,  
BOROUGH OF MANHATTAN, No. 220 FOURTH AVENUE,  
NEW YORK CITY, November 15, 1898.

OPERATIONS OF THE DEPARTMENT OF BUILDINGS OF THE CITY OF NEW YORK FOR THE WEEK ENDING NOVEMBER 12, 1898.

## BOROUGH OF MANHATTAN AND THE BRONX.

Plans filed for new buildings, main office (estimated cost, \$487,730).....	10
Plans filed for new buildings, branch office (estimated cost, \$472,900).....	29
Plans filed for alterations, main office (estimated cost, \$21,013).....	30
Plans filed for alterations, branch office (estimated cost, \$6,860).....	9
Buildings reported as unsafe.....	39
Buildings reported for additional means of escape.....	8
Other violations of law reported.....	115
Unsafe building notices issued.....	80
Fire-escape notices issued.....	20
Violation notices issued.....	201
Violation cases forwarded for prosecution.....	67
Iron and steel inspections made.....	6,308
Complaints lodged with the Department.....	59

## BOROUGH OF BROOKLYN.

Permits issued for new buildings (estimated cost, \$172,940).....	55
Work (estimated cost, \$72,200).....	17
Plans (estimated cost, \$100,740).....	38
Permits issued for alterations (estimated cost, \$10,624).....	24
Buildings reported unsafe.....	5
Buildings reported for additional means of escape.....	5
Other violations of law reported.....	80
Fire-escape notices issued.....	9
Violation notices issued.....	33
Violation cases forwarded for prosecution.....	1
Iron and steel inspections made.....	114
Passenger elevators examined.....	27
Letters written in reference to special violation reports.....	62
Complaints made to the Department.....	6

## BOROUGH OF QUEENS AND RICHMOND.

Plans filed for new buildings (estimated cost, \$47,650).....	22
Plans filed for alterations (estimated cost, \$9,311).....	42
Plans filed for plumbing (estimated cost, \$1,385).....	5

THOMAS J. BRADY, President, Board of Buildings.

A. J. JOHNSON, Secretary.

## DEPARTMENT OF PUBLIC CHARITIES.

## BOROUGH OF BROOKLYN AND QUEENS.

COMMISSIONER OF PUBLIC CHARITIES—BOROUGH OF BROOKLYN AND QUEENS,  
No. 29 ELM PLACE, BOROUGH OF BROOKLYN,  
NEW YORK CITY, November 10, 1898.

REPORT OF TRANSACTIONS FOR WEEK ENDING NOVEMBER 5, 1898.

## November 2.

Reports of labor, census, etc., for Hospital and Almshouse, for week ending November 1, 1898. Approved.

Approved bill of St. John's Long Island City Hospital for the month of September, 1898, for the sum of \$1,177.20, the amount for which said bill was approved exhausting appropriation for said hospital for the year 1898.

Entered into contract with the New York & New Jersey Telephone Company for telephone at Kings County Morgue at the rate of \$100 for 1,000 messages.

Received and filed notice of conviction of John Gorman, with order of Matthew J. Smith, Magistrate for the Borough of Queens, to pay his wife, Kate Gorman, the weekly sum of \$2.50.

Transmitted to City Chamberlain cash receipts for the month of October, amounting to \$45.

Transmitted to Comptroller report of cash receipts for the month of October, 1898.

## November 3.

Received opinion of Corporation Counsel in relation to bills of Scheffelin & Co. On file.

Approved weekly regulations of the various institutions.

Received and accepted bid of M. F. Conway for stamps and pad, for the sum of \$6.60. On file.

## November 4.

Approved bills for general supplies, amounting to \$3,272.72, and transmitted same to Auditor.

Approved bills for burial of deceased veterans, amounting to \$630, and transmitted same to Auditor.

Received from Building Department approved plans and specifications for extension of Kings County Hospital. On file.

Received the following estimates for furnishing materials and making repairs to Kings County Morgue:

John Davis, \$127; H. Shigman, \$175.

Accepted bid of John Davis for the sum of \$127.

## November 5.

Approved bills amounting to \$312 for relief of indigent veterans, and transmitted same to Auditor.

Received from the Department of Health the sum of \$200 in payment for ambulance service of Kings County Hospital for the months of July and August.

## November 7.

Received from the County Treasurer of Kings County the sum of \$416.07, for board of State paupers in the Kings County Almshouse, for quarter ending September 30, 1898.

Made regulations upon Municipal Civil Service Commission for one Laundryman, Kings County Hospital.

A. SIMIS, JR., Commissioner, etc.



DEPARTMENT OF FINANCE.

Abstract of transactions of the Finance Department for the week ending June 18, 1898.

Deposited in the City Treasury.

To the Credit of the City Treasury	\$2,415,601 01
Slaking Funds	156,847 70
Total	\$2,572,448 71

Bonds Issued.

2 per cent. Bonds	\$2,000,000 00
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Warrants Registered for Payment.

Appropriation Accounts, "A"	\$570,437 45
Bond (Special and Trust) Accounts, "B"	2,020,382 24
Additional Water Fund Accounts, "C"	4,219 16
Total	\$2,710,058 85

Suits, Orders of Court, Judgments, etc.

COURT.	NAMES OF PLAINTIFFS.	AMOUNT.	NATURE OF ACTION.	ATTORNEY.
Supreme.	Harlow Brooks	\$300 00	Transcripts of judgments, as follows:	H. Bell.
"	Terence A. Smith	141 33		Kelllogg, Rose & Smith.
"	Tarrytown National Bank	2,064 23		J. E. Brodsky.
"	Samuel March	600 05		L. L. Miller.
"	Prospero Martinez	75 37		G. W. McKenzie.
Supreme.	(Harden Brothers)	4,093 08		Van Vochten & DeLavan.
Queens.	(Trucking Co.)			A. J. Frayser.
"	J. Calvin Jacobs	172 68		"
"	George F. Rowell	130 01		A. O. Salter.
"	Wm. W. Locke	713 16		B. F. Edall.
"	John H. Hahn	377 93		Carter & Fallows.
"	F. W. Devos & C. F.	652 35		A. S. Luria.
"	Raynolds Co.	1,377 25		M. L. Ryan.
"	James O'Toole	30 05		"
"	Emile E. Campbell	30 05		"
"	Alfred P. Jacobs	30 05		"
Supreme.	(Kath. A. Watter)	37 45		"
Richmond.	Nile Berquet	44 37		"
Supreme.	Teresa Hahn	30 41		"
"	Pearl Wadell	40 45		"
"	Mary Florence Mand	40 45		"
"	Ellen Bartley	39 05		"
"	Agnes B. Curry	64 76		"
"	Carrie B. Kniffen	64 76		"
"	Ellen A. Burris	64 76		"
"	Grace Harrison	67 37		"
"	Helen Hood	67 37		"
"	Ellen Godfrey	67 37		"
"	Lizzie L. Hurley	67 37		"
"	Wm. P. Hastings	67 37		"
"	Joseph Moss	67 37		"
"	Anna E. Gull	67 37		"
"	Sue B. Field	67 37		"
"	Elizabeth Chase	67 37		"
"	James McGuire	67 37		"
"	Sarah A. Robinson	67 37		"
"	Sue M. Clark	67 37		"
"	Laella Birch	67 37		"
"	Allice B. Jordan	67 37		"
"	Elizabeth G. Feeney	67 37		"
"	Edith Fontaine	67 37		"
"	Edna M. Greene	67 37		"
"	Ida May	67 37		"
"	Jessie Anderson	67 37		"
"	Katharine Mullin	67 37		"
"	Harriet E. Wilcox	67 37		"
"	James A. Caldwell	67 37		"
"	Agnes E. Walsh	67 37		"
"	Katharine W. Egbert	67 37		"
"	Elizabeth Tuttle	67 37		"
"	Josephine Thorne	67 37		"
"	Malcolm G. Wray	67 37		"
"	Kate M. Maloney	67 37		"
"	Ella O. Irish	67 37		"
"	Minnie Keator	67 37		"
"	Agnes W. McDonald	67 37		"
"	Emily Garvin	67 37		"
"	Chas. E. Warren	67 37		"
"	Agnes E. Dillon	67 37		"
"	Julia Ward	67 37		"
"	Kate B. Harrington	67 37		"
"	Elaine Pounding	67 37		"
"	Clara J. Bell	67 37		"
"	E. Grace McDonald	67 37		"
"	Louise V. Demsey	67 37		"
"	Jessie Malone	67 37		"
"	Sydney E. Ellis	67 37		"
"	Harriet E. Corcoran	67 37		"
"	Glendora L. Atkinson	67 37		"
"	Margaret B. Doyle	67 37		"
"	Eugenia Jones	67 37		"
"	Lacy G. Carson	67 37		"
"	Gerrit F. Gilbert	67 37		"
"	Kowena Ver Nuy	67 37		"
"	Della Camisky	67 37		"
"	Phoebe A. Stillman	67 37		"
"	Antonia Holmes	67 37		"
"	James I. Yates	67 37		"
"	Jessie O. Glavin	67 37		"
"	Jessie E. Ellis	67 37		"
"	Margaret A. Ambrose	67 37		"
"	Clara S. Myers	67 37		"
"	Kate Garrison	67 37		"
"	Jessie Turry	67 37		"
"	Ella F. Newman	67 37		"
"	Bertina Koon	67 37		"
"	Elizabeth Luthie	67 37		"
"	Media M. Buck	67 37		"
"	Michael L. Overton	67 37		"
"	Lou J. Harris	67 37		"
"	Mary Lennon	67 37		"
"	Magdalene Boyer	67 37		"
"	Roberta M. Ludlum	67 37		"
"	R. B. Goldersleeve	67 37		"
"	Dina H. Hope	67 37		"
"	Georgiana W. Quinn	67 37		"
"	Annie E. Cole	67 37		"
"	Marie McGuire	67 37		"
"	Elizabeth Crepey	67 37		"
"	Anna M. Kastner	67 37		"
"	Reba V. Galligan	67 37		"
"	Alice M. Field	67 37		"
"	Mary A. Driscoll	67 37		"
"	Julia G. Kemmer	67 37		"
"	Anna L. Christopher	67 37		"
"	Lottie M. Carr	67 37		"
"	A. V. Jones	67 37		"
"	Anna G. Egan	67 37		"
"	Adele Marquart	67 37		"
"	Francis L. Brown	67 37		"
"	Agnes Ostrander	67 37		"
"	Anella Klutz	67 37		"
"	Frances M. Gonde	67 37		"
"	Alida Wolfe	67 37		"
"	Jessie J. Crellin	67 37		"
"	Elsa Evans	67 37		"
"	D. G. Richardson	67 37		"
"	Mary J. McKee	67 37		"
"	Josephine M. Alern	67 37		"
"	Katharine C. McNeal	67 37		"
"	E. Hintermeister	67 37		"
"	E. W. Ballantyne	67 37		"
"	Virginia Wheeler	67 37		"
"	Gerald L. Lyman	67 37		"
"	G. V. Talkington	67 37		"
"	Mary Wood	67 37		"
"	Benjamin J. Stanton	67 37		"
"	D. J. Keator	67 37		"
"	G. J. Jennings	67 37		"
"	Hennetta Hickok	67 37		"

COURT.	NAMES OF PLAINTIFFS.	AMOUNT.	NATURE OF ACTION.	ATTORNEY.
Supreme.	Rose Parker	\$118 39	Transcripts of judgments, as follows:	M. L. Ryan.
"	G. P. Allen	180 01		"
"	William B. Rafferty	180 01		"
"	Edward W. Atteritt	180 01		"
"	John Harmon	180 01		"
"	Lizzie L. Fleming	180 01		"
"	Carrie A. Lowery	180 01		"
"	Thomas C. Hart	180 01		"
"	Sarah E. Eldridge	180 01		"
"	Mildred Griffith	180 01		"
"	William A. Crane	180 01		"
"	S. J. Parde	180 01		"
"	Eugene G. Putnam	180 01		"
"	A. A. Yates	180 01		"
"	A. H. Burdick	180 01		"
"	T. F. Donovan	180 01		"
"	John J. Driscoll	180 01		"
"	L. H. Denton	180 01		"
"	N. J. Lowe	180 01		"
"	John McChistie	180 01		"
"	Patrick Ward	180 01		"
"	Rollin M. Morgan	180 01		"
"	Joseph I. Green	180 01		"
"	Thomas Rowan	180 01		"
Supreme.	Michael J. Aebra	each, 24 99	Summons and complaint. For payment of difference in rates of wages of members of the Police force, for January, February and March, 1898.	Burr, Coombs & Wilson.
Supreme.	The People ex rel Michael Ruddy		Copy order to show cause on June 11, 1898, why a peremptory writ of mandamus should not issue, directing payment to relator of amount of judgment.	L. E. Belmont.
"	Bessie Gettelf	2,100 00	Summons and complaint. For damages for personal injuries.	M. Almayor.
"	Elizabeth E. Jennings	918 71	Certified copy order referring claim of petitioner for award in matter of Grand Jurisdiction and Composure, to John B. Mayo, to take proof of title.	M. Daly.
Supreme.	Laura J. Purdy	10,000 00	Summons and complaint. For damages for personal injuries.	J. C. Van Sellen.
Queens.	Sigmund Kohn	21 00	Summons and complaint. For payment of difference in rates of wages while employed as a Hunter in Department of Public Parks.	Kugelmann & Cohn.
Supreme.	Thomas Donnelly	47 34	Summons and complaint. For payment of difference in rates of wages while employed as a Bookkeeper in Department of Public Parks.	"
Supreme.	The People ex rel Charles Remsen vs. Board of Assessors, Long Island City		Certified copy order correcting assessments and assessed valuations on real estate of relator.	Heims, Glavin & Deuman.
Supreme.	Robert Allison and 99 others	each, 24 99	Summons and complaint. For payment of difference in rates of wages of members of the Police force for January, February and March, 1898.	Burr, Coombs & Wilson.
"	In matter of opening Boston road, from Tremont avenue to Bronx Park		Notice of motion on July 13, 1898, to compel report of Commissioners in said matter.	J. Whalen, Corporation Counsel.
"	In matter of opening Kirk place, from Morris avenue to Rye		Notice of motion on July 13, 1898, to compel report of Commissioners in said matter.	J. Whalen, Corporation Counsel.
"	In matter of application of Uriel A. Mardack		Copy order to show cause June 20, 1898, why a peremptory writ of mandamus should not issue directing cancellation of certain assessments.	J. H. Kemble.
Supreme.	John W. Smith	10 00	Summons and complaint. For payment for services as Inspectors of Election, etc., as follows:	D. Noble.
"	Thomas E. Balbert and 48 others	10 00		"
U. S. Circuit.	The Bank of Montreal	3,491 00	Notices of entry of judgments.	T. P. Burke.
Supreme.	Edward W. Askey, assignee	50 00	Summons and complaint. For payment of interest on bonds of Towns of Middletown, Richmond County, and Jamaica L. I.	Strong & Cadogan.
"	Matthew Fagan	75 00	Summons and complaint. For payment for services rendered various departments, Long Island City, as follows:	T. P. Burke.
"	John Foley, assignee	105 00		"
"	Arthur Rednagel, assignee	80 00		"
"	Mary V. Murphy	100 00		"
"	Bugh F. Quinn and another	128 50		"
"	James Kennedy	170 50		"
"	Lawrence Garrity	10 00		"
"	John Foley	110 00		"
"	Daniel Custy	75 00		"
"	George Crandall	10 00		"
Supreme.	The People ex rel Electric Illuminating Company		Certified copy order affirming order appealed from, with \$20 costs.	C. J. G. Hall.
"	David B. Brown and another		Summons. Complaint not served.	"
"	John Dooley, judgment creditor, vs. Terence A. Smith, judgment debtor	827 23	Copy order to show cause on June 30, 1898, why an order should not be made directing payment in C. J. G. Hall said amount with \$20 costs.	"
"	In matter of application of William Caldwell and another, trustees	1,458 70 2,171 32	Certified copies orders directing payment of amounts due court and referring to Robert E. Lewis to take proof of title to parcels 44 to 46 in matter of opening River avenue and East One Hundred and Sixty-seventh street.	G. D. Bastry.
"	Joseph B. Alt and 384 others	each, 24 99	Summons and complaint. For payment of difference in rates of wages of members of Police force for January, February and March, 1898.	Burr, Coombs & Wilson.
Supreme.	Augustus P. Friend	64 83	Summons and complaint. For payment for blacksmith work, etc.	L. H. Dickerson.
County.	The People vs. Antonio D'Agnesse and Giuseppe Marzamorino	500 00	Certified copy order directing payment of said amount to William O. Miles for legal services and incidental expenses.	W. O. Miles.
Supreme.	Henry H. Peters, Jr., No. 21 Howard street		Copies orders to show cause on June 21, 1898, why peremptory writs of mandamus should not issue commanding appointment of taxes for 1897, as follows:	A. I. Sire.
"	Leander S. Sire, No. 100 Elm street			"
"	Morris Pines, Nos. 403 and 205 Elm street			"
"	Henry B. Sire, No. 10 Howard street			"
"	Adelheid M. Robne and another, No. 22 Howard street			"
"	Irving T. Bush vs. B. S. Crier, as Comptroller, The New York and Westchester Water Company et al.		Undertaking on injunction, affidavits and order to show cause on June 21 why injunction should not be made permanent.	Dill, Seymour & Kellogg.
"	Michael McKilling	28 98	Summons and complaint. For payment of difference in rates of wages of members of Police force, for January, February and March, 1898, as follows:	Burr, Coombs & Wilson.
"	George Skivert	34 99		"
"	David W. Dill	34 99		"
"	Henry Melton	24 99		"



## Claims Filed.

DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.	DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.
1898.					1898.				
June 13	Mail and Express Company.....	\$2,172 30	For payment for publishing and advertising various notices at City Departments.	W. Irwin.	June 13	William J. Manley.....	\$82 08	For payment of difference in rates of wages while an employee in Park Police, Brooklyn.	Foley, Wray & Taylor.
" 13	Robert G. Dunn.....	4,320 00	For payment of award in matter of opening Wadsworth avenue.....	Howland & Murray	" 13	Peter J. Campbell.....	82 08	For payment of difference in rates of wages while an employee in Park Police, Brooklyn.	Foley, Wray & Taylor.
" 13	Mary A. Markey.....	10,000 00	For payment of award for premiums No. 2094 First avenue, taken for Twelfth Ward Park.....	F. J. Davis, C. S. Carothers.	" 13	Nelson Magen.....	323 33	For payment for services as Court Attendant, Second Municipal District, for January, February, March and April, 1898.	A. D. Lind.
" 13	John Hughes.....	10,000 00	For damages for personal injuries.....	L. J. Grant.	" 13	.....	.....	For payment for services rendered various departments, Long Island City, as follows:	.....
" 14	Larochon O'Donnell.....	.....	For payment of salary of Department of Buildings.....	.....	" 14	Robert Rosman, assignee.....	40 00	.....	T. P. Burke.
" 14	Henry S. Bartow, assignee.....	2,312 44	For payment of amount of eight judgments obtained against various departments, Long Island City, by assignors.....	Benner & Benner.	" 14	John Donahue.....	50 00	.....	"
" 14	.....	.....	For refund of amounts of assessments paid in excess, in matter of Kingsbridge road regulating, grading, etc., as follows:	.....	" 14	Ambrose Clancy.....	30 00	.....	"
" 14	Samuel M. Cohen et al., executors, etc., Consolidated Gas Company.....	270 25	.....	T. H. Baldwin.	" 14	Patrick McKewen, M. D.....	78 00	.....	"
" 14	Henry S. Bartow, assignee.....	842 73	For payment for services rendered various Long Island City Departments by assignors.....	.....	" 14	R. Rosa Appleton, assignee.....	796 00	For payment for overtime services of assignees, employees of Department of Collections, City of Brooklyn.....	R. E. Ullner.
" 14	Thomas M. Moseley.....	112 25	For payment of difference in rates of wages while employed as Mason in Department of Public Parks.....	Benner & Benner.	" 14	Jacob Friedman.....	2,000 00	For damages for personal injuries.....	Atwater & Cruikshank.
" 14	James Fitzgerald.....	81 00	For payment for services in repairing Van Dyver street, Long Island City.....	T. W. Burke.	" 14	Brunn Gas and Electric Company.....	5,927 08	For payment for electric lights furnished during month of May, 1898.	Weeks Bros.
" 14	John S. Noble.....	40 00	For payment of rent for premises in Rodde street, near Freeman avenue, Long Island City, for month of November, 1897.....	T. W. Burke.	" 14	Raffaello Hove, assignee.....	3,975 36	For payment of amount due under contract for laying water-mains in Highbridge.....	Weeks Bros.
" 14	Alma F. Green.....	31 00	For payment for services as Chairman, Board of Election Inspectors, Long Island City.....	T. W. Burke.	" 14	James H. Flynn.....	4,353 33	For payment of salary due as Assistant Inspector, Fire Department, Brooklyn, from March 1, 1894, to December 3, 1897.	T. F. Magner.
" 14	Sadie T. Lyons.....	114 70	For refund of overcharge on assessment for Amsterdam avenue paving.....	D. Noble.	" 14	Joseph Hastings.....	1,625 00	For payment of salary due by Long Island City.....	Coholan Bros.
" 14	Adam Davenport et al., executors.....	149 25	For refund of amount paid for assessment for Madison avenue opening.....	D. Noble.	" 14	Frederick W. Catlin.....	24 90	For amount of salary due for services as Assistant Corporation Counsel, Brooklyn Department, Brooklyn, from March 1, 1894, to June 1, 1898.	T. F. Magner.
" 14	John H. Gully.....	735 54	For payment for services in repairing Bayard street, from Manhattan Avenue to Graham Avenue.....	M. F. Neville.	" 14	Constance Cassin.....	7,275 00	For payment of salary as Court Attendant, Fifth District Municipal Court, Manhattan, for month of March, April and May, 1898.	A. D. Lind.
" 14	John Dowling.....	132 50	For payment of difference in rates of wages while an employee in Department of Parks.....	J. J. Clancy.	" 14	David Stevenson, Brewing Company.....	54 00	For payment of wages issued by Long Island City, for repairs to Borden Avenue Bridge.....	W. G. McCrea.
" 14	Martin Grunstein.....	75 00	For payment of difference in rates of wages while an employee in Department Public Works.....	Kagelohan & Udo.	" 14	.....	.....	For payment of difference in rates of wages as members of the Police force, during January, February, March and April, 1898, as follows:	Foley, Wray & Taylor.
" 14	William J. Shinn.....	764 25	For payment of difference in rates of wages while an employee in Department Public Works.....	"	" 14	Edward S. Peacock.....	80 00	.....	Kellum, Ross & Smith.
" 14	Henri J. Byrnes.....	75 51	For payment of difference in rates of wages while an employee in Department Public Works.....	"	" 14	George F. King.....	88 00	.....	"
" 14	.....	.....	.....	"	" 14	W. J. Rodgers.....	60,100 34	For damages for alleged breach of contract by Long Island City in matter of Webster Avenue sewer.....	"

## CONTRACTS EXECUTED SINCE JANUARY 1, 1898, AND REGISTERED DURING THE WEEK ENDING JUNE 18, 1898.

No.	DATE OF COMPLETION.	DEPARTMENT.	LOCATION.	NAME OF CONTRACTOR.	NAME OF SURETIES.	AMOUNT OF BOND.	DESCRIPTION OF WORK.	COST.
280	June 6, 1898	Correction.....	Brooklyn.....	Arissus & Co.,.....	T. J. Connors..... The United States Fidelity and Guaranty Company.	\$7,000 00	For furnishing all the means required for the use of the Kings County Penitentiary, Borough of Brooklyn, during the year 1891..... Total	\$14,065 00
287	" 7, "	Water Supply.....	Manhattan and The Bronx.	The Kennedy Valve Mfg. Company.....	American Surety Company of New York..... The United States Fidelity and Guaranty Company.	1,000 00	For furnishing the Department of Water Supply with tapping-cocks, tapping-cock boxes, hydrant nozzles, hydrant waste-cocks, hydrant caps and chains, twists and plug drills, and hydrant handles, screws and bridges.....	2,730 00
288	" 7, "	".....	Manhattan and The Bronx.	The Kennedy Valve Mfg. Company.....	American Surety Company of New York..... The United States Fidelity and Guaranty Company.	5,000 00	For furnishing the Department of Water Supply with stop-cocks, hydrants, wooden hydrant boxes and cast-iron stop-cock boxes and covers.....	13,317 50
289	Apr. 23, "	Public Charities.....	Manhattan and The Bronx.	Manhattan Electric Light Company.....	Fidelity and Deposit Company of Maryland..... The United States Fidelity and Guaranty Company.	3,430 00	For furnishing the electric current necessary to supply the electric lights of Bellevue Hospital and grounds for the year 1898; also for such power as may be required.....	6,980 00
290	Apr. 29, "	City Record.....	Manhattan and The Bronx.	The L. W. Abrams stationery and Printing Company.....	Samuel A. Knight..... Martin M. Lewis.....	7,441 40	For supplying stationery for the use of the Courts and the Departments and Bureaus of the Government of The City of New York during 1898..... Total	15,590 75
291	Jan. 30, "	City Record.....	Manhattan and The Bronx.	Jordan Stationery Company.....	Edward E. McMillan..... Thomas Cleary.....	550 00	For supplying stationery for the use of the Courts and the Departments and Bureaus of the Government of The City of New York during 1898..... Total	1,890 55
292	June 14, "	Sewers.....	Brooklyn.....	James M. Holmes.....	Charles Hart..... Thomas Gilliland.....	1,000 00	For constructing street sewers in C street and East Avenue, Wallabout Market, Borough of Brooklyn.....	490 00

## Approval of Sureties.

The Comptroller approves of the adequacy and sufficiency of the sureties on the following proposals, namely:

- 1898.
- June 14. Cases for Museum of Natural History, Department of Parks.  
George C. Flint & Co., Nos. 43 to 47 West Twenty-third street, Principal.  
Hamilton Jay Combes, Manhattan, L. I., } Sureties.  
Michael Reishman, No. 444 Hart street, Brooklyn, }
- June 14. Shields, Police Department.  
American Railway Supply Company, No. 24 Park place, Principal.  
James Merrihew, No. 53 West Seventy-sixth street, } Sureties.  
W. C. Humstone, No. 213 Hancock street, Brooklyn, }
- June 15. Hospital Supplies, Department of Charities.  
Schaefflin & Co., No. 170 William street, Principal.  
John B. McPherson, No. 56 Charles street, } Sureties.  
William Garma, No. 547 West Forty-sixth street, }
- June 16. Hose, Fire Department.  
Gutta Percha and Rubber Manufacturing Company, No. 35 Warren street, Principal.  
Amadeo Spadone, No. 270 West End avenue, } Sureties.  
Derman T. Warren, No. 170 Central Park, West, }
- June 16. Hose, Fire Department.  
Columbia Rubber Works Company, No. 66 Reade street, Principal.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.  
Fidelity and Deposit Company of Maryland, No. 35 Wall street, }
- June 16. Hose, Fire Department.  
Browne & Rafter, No. 119 East Fifty-fourth street, Principal.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.  
Fidelity and Deposit Company of Maryland, No. 35 Wall street, }
- June 16. Hose, Fire Department.  
New York Belting and Packing Company, Limited, No. 25 Park place, Principal.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, } Sureties.  
The Atlas Indemnity Company of Hartford, Conn., No. 62 William street, }
- June 16. Coal, Fire Department.  
L. M. Palmer, No. 206 Clinton avenue, Brooklyn, Principal.  
Fidelity and Deposit Company of Maryland, No. 35 Wall street, } Sureties.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, }

June 16. Gravel, Department of Parks.

Cunningham & Kearns, No. 1356 Lexington avenue, Principal.  
Thomas Regan, No. 719 Lexington avenue, } Sureties.  
John Fleming, No. 1225 Lexington avenue, }

## Opening of Proposals.

The Comptroller, by representative, attended the opening of bids at the following departments, namely:

- 1898.
- June 13. Groceries, dry goods, meats, etc.—Department of Public Charities.  
June 13. Alterations and repairs to Schools Nos. 6, 14, 18, 27, 106, 124, 125, 130, 16, 29, 55—Department of Education.  
June 13. Hose for Boroughs of Brooklyn and Queens—Fire Department.

## Official Designation.

June 17. Michael T. Daly, Deputy Comptroller, to act as Comptroller from Friday, June 17, to Friday, June 24, 1898, both days inclusive.

M. T. DALY, Deputy Comptroller.

Abstract of transactions of the Finance Department for the week ending June 25, 1898.

## Deposited in the City Treasury.

To the Credit of the City Treasury.....	\$1,434,364 79
" Sinking Funds.....	107,069 22
Total.....	\$1,541,434 01

## Bonds Issued.

Two per cent. Bonds.....	\$1,000,000 00
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## Warrants Registered for Payment.

Appropriation Accounts, "A".....	\$2,203,058 68
Bond (Special and Trust) Accounts, "B".....	740,425 88
Additional Water Fund Accounts, "C".....	977 85
Total.....	\$2,944,462 41



Suits, Orders of Court, Judgments, etc.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF SUIT.	ATTORNEY.
Supreme.	Caroline Mantle.	\$832.00	Transcripts of judgment, as follows:	Booren, Hamilton & Beckett.
Supreme.	Charlotte Hampton.	1,116.78		G. T. Hanning.
Supreme.	Edward M. Pevey.	35.39		G. W. McKenzie.
Supreme.	Eugene P. Beafford.	16.18		Gray & Burke.
Supreme.	Patrick H. Clark.	39.84		"
"	Andrew Wil.	34.93		"
"	Phillip Schnepf.	34.93		"
"	Ethelene G. Duprey.	41.93		"
"	James B. Ryder.	66.98		"
"	John Barry.	73.68		"
"	James Monroy.	75.59		"
"	Thomas J. Boylan.	75.73		"
"	Daniel Gross.	77.45		"
"	Michael McAndrew.	144.67		"
"	Michael Riordan.	129.67		"
"	John H. Conde.	123.79		"
"	James Stapleton.	136.11		"
"	Charles Eagle.	137.44		"
"	Austin Flint.	300.00		"
"	Charles F. McDonald.	1,450.00		Nicoll, Anable & Lindsay.
"	The Bronx Gas and Electric Com.	5,191.71		Nicoll, Anable & Lindsay.
"	Louis Lichtenstein.	97.39		Atwater & Cruikshank.
"	Safford Newton.	2,182.81		G. Hahn.
"	Patrick Murphy.	2,388.00		R. C. McCormick.
"	Long Island City Savings Bank.	4,046.74		A. & C. Steckler.
"	Long Island City Savings Bank.	1,105.31		A. T. Payne & Son.
"	Edward Dickerson.	6,094.97		"
"	James Daly.	43.73		T. W. Burke.
"	Peter Gerrard.	30.41		"
"	Adolph Schreiber.	124.92		"
"	Francis W. Pollock.	137.51		F. W. Pollock.
"	Charles S. Campbell.	200.00		"
"	Hubbard W. Mitchell.	200.00		"
"	Charles S. Campbell.	200.00		"
"	Julius F. Garrity.	200.00		T. E. Murray.
"	Joseph Carbone.	226.63		"
"	Patrick J. Clancy.	224.10		T. P. Burke.
"	Joseph M. Garvey.	91.28		"
"	John J. Kelly.	55.19		"
"	Charles Blum.	97.48		"
"	John J. Nolan.	227.75		"
"	John M. Fern.	252.09		"
"	William F. Burke.	408.75		"
"	William F. Hunt.	481.62		"
"	John Conan.	487.06		"
"	Amos H. Quinn.	487.69		"
"	Thomas G. Coogan.	487.69		"
"	F. M. Freilinger.	487.69		"
"	Thomas E. Babbert.	487.69		"
"	Clara A. DeLoach.	487.69		"
"	Frederick Bliss.	487.69		"
"	Frederick Rauch.	487.69		"
"	Patrick Sullivan.	487.69		"
"	Henry A. Miller.	487.69		"
"	John Cassidy.	487.69		"
"	Charles Cameron.	487.69		"
"	Edward Burden.	487.69		"
"	Daniel Bonjour.	487.69		"
"	Bernard Keenan.	487.69		"
"	James H. Higgins.	487.69		"
"	Patrick Doherty.	487.69		"
"	Christopher White.	487.69		"
"	Richard Walsh.	487.69		"
"	Stephen Sullivan.	487.69		"
"	John A. Hammond.	487.69		"
"	William Parker.	487.69		"
"	James J. Maher.	487.69		"
"	James McGill.	487.69		"
"	James O'Connor.	487.69		"
"	Thomas F. Ryan.	487.69		"
"	John J. Bergin.	487.69		"
"	Thomas Larkin.	487.69		"
"	Hugh Gallagher.	487.69		"
"	Peter J. Hunt.	487.69		"
"	William J. Carlin.	487.69		"
"	Joseph Kane.	487.69		"
"	John Flaherty.	487.69		"
"	Joseph Oliver.	487.69		"
"	Wm. Weinstein.	487.69		"
"	John Orpheus.	487.69		"
"	Ambrose Clancy.	487.69		"
"	Julius Schneider.	487.69		"
"	Owen Radden.	487.69		"
"	Walter J. Roush.	487.69		"
"	John Carroll.	487.69		"
"	Francis McLarny.	487.69		"
"	Geo. C. Christensen.	487.69		"
"	John J. Driscoll.	487.69		"
"	Michael J. Hanley.	487.69		"
"	George Stumpf.	487.69		"
"	Thomas Murray.	487.69		"
Supreme.	David J. Black.	975.12	Certified copy of judgment.	Bailey, Bell & Crane.
Supreme.	John F. Garrity.	255.62	Notice of judgment.	T. E. Murray.
Supreme.	Joseph Carbone.	224.10		"
Supreme.	George W. Whant and another.	208.70	Copy of judgment.	J. A. & A. S. Mapes.
"	The People ex rel. Thomas Davis Day, Jr.	43,000.00	Copy peremptory writ of mandamus directing payment to relators of amount of award for repairs No. 23 Bleecker street, taken in matter of Elm street widening.	T. D. Day, Jr.
Supreme.	The People ex rel. Uriel A. Murdoch vs. Michael O'Keefe, ex Deputy Collector.	1,677.24	Certified copy order directing Treasurer of Kings County to receive amount of third installment of an assessment for improvement of Ocean Park roadway.	J. H. Kemble.
Supreme.	William Tufield.	24.50	Summons and complaint. For payment of difference in rates of wages as Carpenter in the Department of Public Parks, May 10 to July 7, 1898.	Kugelman & Cohn.
Supreme.	John H. Livingston, assignee.	168.24	Summons and complaint. For payment of two warrants issued by Long Island City to assignor for supplies and repairs for Water Department.	C. L. Livingston.
Supreme.	Wm. R. Mennely.	975.00	Summons and complaint. For payment for bell furnished to City Hall, Brooklyn.	J. A. Murray.
Supreme.	Albert A. Bernhard.	21.44	Summons and complaint. For payment of difference in rates of wages while employed as Painter in Department of Public Works.	Kugelman & Cohn.
"	Frain-Bambrick Construction Company.	925.00	Summons and complaint. For payment for cobblestones delivered to City of Brooklyn.	Foley & Cowell.
"	The People ex rel. New York and Westchester Water Company.	101.00	Copy notice of withdrawal of part of order relating to costs.	F. Ross.
"	Wm. V. O'Callaghan.	180.00	Summons and complaint. For payment for services performed by himself and others, assignors.	J. J. Quincer.
"	William Burke and 144 others.	each, 24.99	Summonses and notices. For payment of difference in rates of wages while employed as Police force, January, February and March, 1898.	Burr, Coombs & Wilson.
"	The People ex rel. Francis McGee.	1,201.50	Peremptory writ of mandamus directing payment to relator of amount of judgment and costs.	A. T. Payne & Son.
Supreme.	In matter of application of John T. Sydam.	400.00	Petition and order to show cause on June 28 why a peremptory writ of mandamus should not issue directing payment to petitioner of salary as Assessor, Borough of Queens, for January, February, March and April, 1898.	J. C. Van Siden.

COURT.	NAME OF PLAINTIFF.	AMOUNT.	NATURE OF SUIT.	ATTORNEY.
Supreme.	The People ex rel. William E. Demarest et al. vs. The City of New York, the Commissioners of Taxes et al.		Affidavit and notice of motion July 1, 1898, for a peremptory writ of mandamus directing defendants to submit certain tax statements.	J. C. Quinn.
"	The People ex rel. Leander S. Sire.	\$5,500.00	Certified copy order amending mandamus of June 7, by directing payment of amount to relator.	A. I. Sire.
"	The People ex rel. Henry B. Sire.	45,000.00	Certified copy order amending mandamus of June 7, by directing payment to relator.	"
"	Dennis W. Moran vs. The Mayor, etc., Charles W. Collins et al.	8,133.21	Copy judgment distributing amounts due to relator.	J. Kearney.
City.	John Schendole.		Summons. Complaint not served.	R. M. Hart.
County, Kings.	In matter of application of Citizens' Electric Illuminating Company of Brooklyn.	900.42	Certified copy order directing refund of amount of taxes upon personal property of applicant paid during years 1897, 1898, 1899 and 1894.	Peck & Field.
Supreme.	In matter of The People ex rel. Adolph M. Duhme and another, executors, etc.		Certified copy order directing that the name of Henrietta M. Duhme in title of proceeding be stricken out and that title be made to read "Adolph M. Duhme, sole surviving executor and trustee."	A. I. Sire.
Supreme.	Alexander T. Atwater and others.	each, 24.99	Summonses and notices. For payment of difference in rates of wages of members of Police force for January, February and March, 1898.	Burr, Coombs & Wilson.

Claims Filed.

DATE.	NAME OF CLAIMANT.	AMOUNT.	NATURE OF CLAIM.	ATTORNEY.
1898				
June 20			For payment of difference in rates of wages of employees of Park Department, as follows:	
	Thomas Gregory.	\$30.58		T. W. Burke.
	Timothy (Thomas) Connell.	30.50		"
" 20	William H. Slattery.	50.05	For payment of difference in rates of wages of member of Police force during January, February, March and April, 1898.	T. J. Redmond.
" 21	David W. Wheeler.	47.50	For payment of difference in rates of wages while employed as Hensmith in Department of Public Parks.	Kugelman & Cohn.
" 21	Edison Electric Illuminating Company of Brooklyn.	41,009.85	For payment of amount due on five contracts for supplying electric light to City of Brooklyn.	Peck & Field.
" 22	John Tullon, assignee.	852.00	For payment for services in burying poor persons, Long Island City, and notice of withdrawal of part of claim of April 26, 1898.	L. E. Salmon.
" 22	James Hanley.	45.71	For payment of difference in rates of wages as a Bricklayer in Department of Parks.	Kugelman & Cohn.
" 22	Frank Connolly.	32.05	For refund of portion of excise license fees under chapter 204, Laws of 1897.	McCrea, Somerville & Taylor.
" 22	Clarence W. Dwyer, assignee.	30.00	For payment for cleaning closets in Webster Avenue School, Long Island City.	Baldwin & Blackmer.
" 22	Charles Rosenthal, assignee.	28.35	For payment of salaries of assignors, employees of various departments in New York and Brooklyn.	"
" 22	Jake Luitsher.	15.00	For payment for damage to push cart and contents caused by cart of Street Cleaning Department.	J. A. Horneish.
" 22	Mary G. Watson vs. The City of New York.		Notice of intention to sue.	G. Atwater.
" 23	Isaac Gunther.	32.00	For payment for damage to property by cart of Street Cleaning Department.	W. Bernard.
" 23			For payment of difference in rates of wages as employees of Police Force in January, February and March, 1898, as follows:	
	Edward T. Brennan.	24.99		
	James Brady.	24.99		
	John W. Brereton.	24.99		
	James J. Byrne.	24.99		
	Patrick H. Conway.	24.99		
	James Dugan.	24.99		
	Daniel Flannery.	24.99		
	John H. Fallon.	24.99		
	William Gilmore.	24.99		
	Thomas J. Gallagher.	24.99		
	Joseph S. Green.	24.99		
	William Kearney.	24.99		
	Marvise Keler.	24.99		
	George F. Kieley.	24.99		
	Edward F. Lang.	24.99		
	Patrick H. Lyman.	24.99		
	Owen McCaffrey.	24.99		
	Edwin S. McConnin.	24.99		
	Joseph D. McCarthy.	24.99		
	Michael Mullins.	24.99		
	Timothy Monaghan.	24.99		
	Daniel F. O'Connor.	24.99		
	Patrick O'Donnell.	24.99		
	John Ryan.	24.99		
	Michael J. Rogers.	24.99		
	Dennis Rouban.	24.99		
	Patrick Solan.	24.99		
	Aug. C. Slogoff.	24.99		
	James Shea.	24.99		
	Guert Van Duzer.	24.99		
	Tracy W. Williams.	24.99		
	George A. Whiteford.	24.99		
" 23	Robert F. Trowbridge.	569.15	For payment of bills for oils furnished Long Island City.	W. O. Campbell.
" 23	Walter S. Chapman.	82.08	For difference in rates of wages of member of Police Force for January, February, March and April, 1898.	Foley, Wray & Taylor.
" 23	Roscoe Lumber Co.	661.26	For payment for merchandise delivered to Long Island City Departments.	G. W. Stephens.
" 24	The Brooklyn Union Gas Co.	19,877.39	For payments for gas furnished to and services rendered City of Brooklyn, 1897.	Bergen & Dykman.
" 24	Clara A. True.	73.50	For payment for services as stenographer to Commission inquiring into the mental condition of Charles Schlegel.	C. A. True.
" 24	E. Th. Burgen.	125.00	For payment for merchandise delivered to Board of Education, Long Island City.	Foster & Foster.
" 24	The Long Island Star Publishing Company.	2,128.41	For payment of various warrants issued by Long Island City for payment of advertising bills, etc.	A. T. Payne & Son.
" 24	Fannie W. Woodruff.	172.58	For payment of amount of bond No. 4 of Village of Whitestone, and of interest coupons of various other bonds.	"
" 24	J. N. New & Bros.	251.95	For payment for coal and groceries for various Long Island City Departments.	"
" 24	Minnie L. Lephart.	18.48	For payment of amount of warrant issued by Long Island City.	"
" 25	Edgar H. Timpani et al.	3,450.00	For payment of award for parcels 7 and 8 in matter of opening East One Hundred and Eighty-ninth street.	Hawke & Flannery.
" 25	Peter J. Sheridan.	167.84	For payment for services as Clerk in office of Deputy City Clerk, Borough of Queens, for January and part of February, 1898.	L. E. Salmon.
" 25	Harry L. Smith, assignee.	21.00	For payment of warrant issued by Treasurer of Long Island City for removing ashes, etc., by assignors.	Foster & Foster.



CONTRACTS EXECUTED SINCE JANUARY 1, 1897, AND REGISTERED DURING THE WEEK ENDING JUNE 25, 1898.

No.	Date of Contract.	Department.	Location.	Name of Contractor.	Name of Sureties.	Amount on Bond.	Description of Work.	Cost.
397	May 29, 1898	Correction	Manhattan	Consolidated Gas Company of New York	Thomas K. Lark, O. F. Zollhofer	\$3,000.00	For supplying gas in the Central Office, City Prison, during the year 1898. Price per 1,000 cubic feet, 27 1/2 cents.	1,000.00
398	" 24, "	Street Cleaning	Queens	Christopher Scully			For collecting and disposing of ashes, garbage and light household refuse of the Village of Flushing, from June 1 to December 31, 1898, inclusive.	\$400.00
399	" 25, "	"	"	Heermann Brosman			For collecting and disposing of ashes, garbage and light household refuse of the Village of College Point, from June 1 to December 31, 1898, inclusive.	400.00
400	April 27, "	"	"	Leola P. Lusk			For collecting, removing and finally disposing of the ashes, garbage and light household refuse from the private residences and public houses in the Village of Arverne-by-the-Sea, Rockaway Beach and Rockaway Park, from May 1 to July 31, 1898, inclusive.	800.00
401	June 13, "	Police	All Boroughs	American Railway Supply Company	James Merrihew, W. E. Dunstone	10,000.00	For furnishing the Police Department with shields.	5,114.40
402	May 25, "	Correction	Brooklyn	J. F. Schmucke	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	3,000.00	For furnishing and delivering 1,700 tons white ash coal to the Kings County Penitentiary during the year 1898.	4,728.50
403	June 28, "	Highways	The Bronx	Charles A. Brown and John Fleming, composing the firm of Brown & Fleming	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	15,000.00	For furnishing and delivering to the Department of Highways, in the Borough of The Bronx, broken stone and screenings of 1 Compton's Cove limestone, or other limestone equally as good, to be distributed along certain streets, roads and avenues where required.	12,230.00
404	" 10, "	"	"	Charles A. Brown and John Fleming, composing the firm of Brown & Fleming	The United States Fidelity and Guaranty Company, Fidelity and Deposit Company of Maryland	25,000.00	For furnishing and delivering to the Department of Highways, in the Borough of The Bronx, broken stone and screenings of trap rock, to be distributed along certain streets where required.	17,050.00
405	" 24, "	Parks	Manhattan and Richmond	George L. Flint Company	Michael Reischman, H. J. Embley	9,000.00	For furnishing all the labor and erecting wholly complete thirty-seven (37) cases required for the enlargement of the American Museum of Natural History, in Manhattan Square, Central Park.	15,190.00
406	" 14, "	"	Manhattan and Richmond	Calvin Tomkins	Richard Fitzpatrick, Edward Reilly	800.00	For furnishing and delivering 150 cubic yards of unquarried Tomkins Cove blue limestone screenings for Riverside Park, Borough of Manhattan.	275.00
407	" 31, "	"	Brooklyn and Queens	"	Nicholas Ryan, Richard Fitzpatrick	4,000.00	For furnishing and delivering 1,000 cubic yards of blue limestone screenings, required for parks and parkways in the Boroughs of Brooklyn and Queens.	1,750.00
408	Jan. 3, "	Bridge	Manhattan and Brooklyn	New York Telephone Company			For furnishing telephone service for the term of one year from January 1, 1898.	340.00
409	June 29, "	Street Cleaning	Queens	Magnus Larsen			For cleaning all the paved streets of the Second Ward of Long Island City, from June 1 to November 30, 1898, inclusive. Price per month.	148.00
410	" 25, "	Fire Department	Brooklyn and Queens	The Gotts-Petris and Rubber Manufacturing Company	Amadeo Spadone, Dorothea F. Warren	4,500.00	For furnishing and delivering 2,000 feet of seamless jointed vulcanized rubber-lined fire-hose, Maltese Cross brand.	5,000.00
411	" 20, "	"	Brooklyn and Queens	Forika Fire Hose Company	Henry H. Cypher, Thomas B. Galbraith	4,750.00	For furnishing and delivering six thousand (6,000) feet of vulcanized rubber-lined cotton fire-hose, Forika fire-hose brand.	5,400.00

## Opening of Proposals.

The Comptroller, by representative, attended the opening of bids at the following departments, namely:

1898.  
June 20. Groceries, dry-goods, meats—Department of Public Charities.  
June 20. Medicines—Department of Correction.  
June 20. Hospital supplies, No. 5; repairs, No. 5—Department of Public Charities.  
June 24. New flooring, various school buildings, Borough of Brooklyn—Department of Education.

## Approval of Sureties.

The Comptroller approves of the adequacy and sufficiency of the sureties on the following proposals, namely:

1898.  
June 17. Hook and Ladder, Fire Department—  
Eureka Fire-hose Company, No. 13 Barclay street, Principal.  
Henry H. Cypher, No. 271 West One Hundred and Fourteenth street, Sureties.  
Thomas B. Galbraith, No. 549 West Twelfth street, Sureties.

1898.

- June 20. Hook and ladder trucks, Fire Department—  
Gleason & Bailey Manufacturing Company, No. 181 Mercer street, Principal.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.  
American Surety Company, No. 100 Broadway, Sureties.  
June 20. Hook and ladder trucks, Fire Department—  
Hoepfner & Wurst, No. 762 East One Hundred and Sixty-fourth street, Principal.  
The United States Fidelity and Guaranty Company, No. 140 Broadway, Sureties.  
Fidelity and Deposit Company of Maryland, No. 35 Wall street, Sureties.  
June 25. Coal, Department of Docks and Ferries—  
William C. Moquin, foot of West Ninety-sixth street, Principal.  
H. D. Helsenbattel, No. 27 William street, Sureties.  
George H. Brenette, No. 1 Broadway, Sureties.

## Official Designation.

- June 24. Michael T. Daly, Deputy Comptroller, to act as Comptroller, from Saturday, June 25, 1898, to Saturday, July 9, 1898, both days inclusive.  
M. T. DALY, Deputy Comptroller.

## AQUEDUCT COMMISSION.

Minutes of Adjourned Meeting of the Aqueduct Commissioners, held at their Office, No. 209 Stewart Building, on Friday, October 28, 1898, at 12 o'clock M.

Present—Commissioners Ryan (President), Ten Eyck, Power and Windolph.  
The minutes of meetings of October 18 and 25, 1898, were approved as read.  
Commissioner Ten Eyck, as Chairman of the Committee of Finance and Audit, reported the examination and audit of bills contained in Vouchers Nos. 12530 to 12558, inclusive, amounting to \$2,369.73.

Which were approved and ordered certified to the Comptroller for payment, by the following vote:

- Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.  
By Commissioner Ten Eyck:  
Resolved, That the accompanying bill for taxes for the year 1898, due School District No. 3, Town of Cortlandt, Westchester County, N. Y., amounting to fifty-four dollars and twenty-seven cents, is hereby approved and ordered certified to the Comptroller for payment.  
Which was adopted by the following vote:  
Affirmative—Commissioners Ryan, Ten Eyck, Power and Windolph—4.  
The following was presented by the Secretary:

H. T. DYKMAN,  
WHITE PLAINS, N. Y.,  
October 22, 1898.

H. W. WALKER, Secretary:

DEAR SIR:—Referring to your letter of October 19 I would respectfully advise you that the assessment against the City's land in Somers was too high. The difference, however, was not of such a character as, in my opinion, would warrant us in conducting an expensive litigation for that town alone, and for that reason no certiorari proceedings were instituted. A very material reduction in the assessed values of lands taken by the City can be procured by selling all buildings on the different properties.

Yours respectfully,  
H. T. DYKMAN.

Commissioner Ten Eyck moved that in view of Mr. Dykman's opinion the Secretary be instructed to prepare vouchers for bills for taxes in favor of School Districts Nos. 4 and 9, Town of Somers, N. Y.

Which was carried by the following vote:  
Affirmative—Commissioners Ryan, Ten Eyck, Power, and Windolph—4.  
The following report of the Acting Chief Engineer was received:

REPORT NO. 25.  
CHIEF ENGINEER'S OFFICE—AQUEDUCT COMMISSIONERS,  
ROOM 213, NO. 280 BROADWAY,  
NEW YORK, October 24, 1898.

To the Honorable the Aqueduct Commissioners:

GENTLEMEN:—At your meeting of October 11th you referred back the communication of Mahony Brothers asking for an extension of time in which to complete their contract, to the Chief Engineer with request that he make a full report on the same.

In compliance therewith, I asked Mahony Brothers to give me a detailed statement of their reasons for delay. I herewith hand you a reply to my letter received to-day from Mahony Brothers.

I will state further that I have looked into the matter myself, and find that the facts given in said letter of Mahony Brothers are correct, and furthermore, it has been our policy to avoid as far as possible, the laying of masonry in the winter months, and the weather was not suitable for such work before March. This particularly applied to the large building, which is the only one which is not practically finished. Work was commenced about the first of January, 1898, in the excavation, and also quarrying and cutting stone, but even on the excavation there were many interruptions due to bad weather, extending even into the month of March. Aside from these interruptions the work was kept going as I consider, in a faithful manner, Mr. Mahony himself being always on hand pushing and directing his work. In my opinion therefore, these contractors have prosecuted their work faithfully and should be granted an extension of time as asked for.

Yours respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

The following is the communication referred to in the above report of the Acting Chief Engineer:

MAHONY BROTHERS, CARPENTERS AND BUILDERS,  
NO. 52 NEW BOWERY,  
NEW YORK, October 24, 1898.

Mr. A. CRAVEN, No. 280 Broadway:

DEAR SIR:—In reply to your favor of 18th instant, asking for a more detailed statement of reasons for requesting an extension of three months' time, in which to finish our contract at upper end of Jerome Park Reservoir, would say that the contract above-mentioned was signed on December 9, 1897, and according to the terms thereof, the time to complete same is in nine months from the first day of the following month, that is, from January 1, 1898.

As this brought us right into mid winter, we did not think it advisable to start any mason work until about April 1, as same cannot be done in freezing weather. Another cause of delay was the inclement weather, which for fifteen (15) entire days and parts of twenty-one (21) other days prevented any work from being done. Still another cause of delay was the difficulty of getting stone for the Keeper's house and storage room extension. The Engineer selected a kind of stone, which we got from a quarry at Two Hundred and Thirty-second street, and we secured all there was blasted out at the time and would have continued to use the product of above-mentioned quarry, but owing to the death of the party, who had a contract at this place, the city stopped the work and it took us some time to find an adjacent quarry from which we could get the same kind of stone. We finally secured the stone from Woodlawn Cemetery, from which place we had to cart the material to where our contract is, the same being quite a distance, and the stone being in large blocks and not easy to handle caused us a great deal of trouble and delay.

In conclusion would say, that we made every effort possible, under instructions from the Inspector in charge, to complete the contract on time, which, under the circumstances, was impossible.

Yours, &c.,  
MAHONY BROTHERS.

Commissioner Power moved that the Secretary be authorized to prepare a resolution in accordance with the usual form, provided that the sureties agree to extending the time of Mahony Brothers to complete their contract to December 31, 1898.

Which was carried by the following vote:

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



The following was received:

REPORT No. 26.  
CHIEF ENGINEER'S OFFICE—AQUEDUCT COMMISSIONERS,  
ROOM 213, No. 280 BROADWAY,  
NEW YORK, October 24, 1898.

To the Honorable the Committee on Construction:

GENTLEMEN:—I have received from Mr. H. T. Dykman the accompanying communication in reference to the Katonah cemetery that is included in the lands taken for the New Croton Reservoir. Mr. Dykman asks "whether you prefer to make provision for the removal of the bodies in the cemetery at Katonah, which is now owned by the city, or whether it should be made in the form of a report against the city by the Commissioners of Appraisal."

In laying the matter before you as requested by Mr. Dykman, I beg to report that in similar cases, when other reservoirs have been constructed, your Commission has provided by agreement or contract for removing the bodies, and paying all expenses of such removal.

At reservoirs "M" and "D," plots of land were selected at suitable places on the city's land, and agreements or contracts were made with responsible parties for the removal of the remains to these new plots, also for the removal and re-setting of headstones, monuments or enclosures.

It was also provided that where relatives of the deceased requested it, the remains were taken up and re-interred at other cemeteries within a reasonable distance.

Mr. Dykman's requests to you as regards the Katonah Cemetery will also apply to other cemeteries that are to be dealt with.

After careful consideration of the subject, I am of the opinion that the cost to the city will be least should you follow former methods in dealing with this matter.

Yours respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

Commissioner Windolph moved that the matter be laid over for two weeks.

Which was carried by the following vote:

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

By Commissioner Power:

Whereas, Application has been made by John J. Hart & Company, contractors, for constructing retaining and sidewalk masonry, and doing other work pertaining thereto, near Shaft No. 25 of the New Croton Aqueduct, in the City of New York, for an extension of time to January 1, 1899, in which to complete said contract; now, therefore, be it

Resolved, That the Aqueduct Commissioners grant to John J. Hart & Co., contractors, an extension of time to December 15, 1898, in which to complete the contract above referred to, their bondmen having entered into stipulations continuing their obligations for and during the completion of said work under said extension of time, which is hereby allowed to them as further time for the performance of said contract.

Which was adopted by the following vote:

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

The following was received:

REPORT No. 27.  
CHIEF ENGINEER'S OFFICE—AQUEDUCT COMMISSIONERS,  
ROOM 213, No. 280 BROADWAY,  
NEW YORK, October 27, 1898.

To the Honorable the Committee on Construction:

GENTLEMEN:—Owing to the removal of buildings sold at auction in the upper part of the basin forming the New Croton Reservoir, there are about twenty-two (22) cellar foundations at Purdy's Station that should be filled in and properly graded. A number of these are along the highways and some are dangerous to the traveling public.

The work is of such a character as to make it difficult, if not impossible, to specify it in such a manner as to have it properly done by contract.

Our former practice in such cases has been to employ the necessary laborers and teams and do the work by day's labor.

Only those foundations above the flow line of the reservoir will be entirely filled and graded, while of such as will eventually be below the water, only those that are dangerous to persons using the present highways will be treated by partial filling.

The cost of the work will, I think, not exceed \$1,500, including the necessary tools for the laborers.

I will ask that you authorize the Chief Engineer to do this work and that you furnish the necessary labor for its performance.

The labor in the cases before mentioned has been furnished by requisition on the Civil Service Board, while teams, including drivers, have been hired as found necessary from persons who could furnish them at the prevailing rates in the neighborhood of the work.

Should you conclude to do the work in the manner suggested, I will ask for twenty (20) laborers, to include one (1) Foreman, and the authority to hire teams, with wagons, and to purchase tools and materials as may be found necessary from time to time in order to prosecute the work in the most economical manner.

Yours respectfully,

ALFRED CRAVEN, Acting Chief Engineer.

Commissioner Power moved that the President be empowered to carry out the recommendations of the Acting Chief Engineer as stated above.

Which was carried by the following vote:

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

The Commissioners then adjourned.

HARRY W. WALKER, Secretary.

## DEPARTMENT OF TAXES AND ASSESSMENTS.

CITY OF NEW YORK—DEPARTMENT OF TAXES AND ASSESSMENTS,  
STEWART BUILDING, No. 280 BROADWAY,  
November 10, 1898.

Superior, City Record:

DEAR SIR:—At a meeting of the Board of Taxes and Assessments, held November 14, the following appointments were made:

Henry B. Woods, No. 111 Wyant avenue, Brooklyn, Assistant to Commissioner, salary \$2,500 per annum; Richard P. Ryan, No. 342 Sackett street, Brooklyn, and Charles J. McMullen, No. 317 Smith street, Brooklyn, Temporary Clerks, at the rate of \$1,200 per annum.

At a meeting held November 15, the following Temporary Clerks were appointed, with salary at the rate of \$1,200 per annum:

Philip Koch, No. 137 Walton street, Brooklyn; John G. Grimes, No. 94 Meeker avenue, Brooklyn; Alfred Lesser, No. 81 Evergreen avenue, Brooklyn; Thomas Haggerty, No. 199 South street, Brooklyn; James R. Donegan, No. 28 Debevoise place, Brooklyn; Samuel J. Ryan, No. 84 Wyckoff street, Brooklyn.

At a meeting held November 16, 1898, the following Temporary Clerks were appointed, with salary at the rate of \$1,200 per annum:

Thomas A. Ryan, No. 1065 Third avenue; Andrew J. Lalor, No. 908 Park avenue; Henry O. Dougherty, No. 74 Fort Greene place, Brooklyn; Harry M. Mulready, No. 12 Stirling place, Brooklyn.

Also, on the same date, Louis P. Jaeger, No. 97 Christopher street, was appointed Searcher, salary \$1,500 per annum, and John Ehnhaus, No. 328 West Eleventh street, Searcher, \$1,000 per annum.

Very respectfully,

HENRY BERLINGER, Chief Clerk.

## DEPARTMENT OF STREET CLEANING.

AN ABSTRACT OF THE TRANSACTIONS OF THE DEPARTMENT OF STREET CLEANING OF THE CITY OF NEW YORK FOR THE WEEK ENDING OCTOBER 22, 1898 (SECTION 1546, GREATER NEW YORK CHARTER).

BOROUGH OF MANHATTAN AND THE BRONX.

Removal of Incumbrances.

(Section 1545, Greater New York Charter.)

Unredeemed incumbrances on hand October 15, 1898..... 470

Incumbrances seized during week..... 49

519

Incumbrances redeemed and released..... 14

505

Unredeemed incumbrances on hand..... 595

Moneys

transmitted to City Chamberlain, as follows:

For redemption of incumbrances for week ending October 15, 1898..... \$85 60

For proceeds of public sale of unredeemed incumbrances, held October 11, 1898..... 314 01

transmitted to Comptroller, as follows:

Schedule No. 149—Sundries.

Buckley, Dr. R. E., services.....	\$75 00
Boss, William, rent store.....	30 00
Collection City Revenue, rent stable.....	250 00
Clancy, William, shoeing horses.....	201 87
Conroy & Nolan, shoeing horses.....	110 02
Collins, John P., boarding, etc., horses.....	100 00
Carlin, John, rations, etc.....	171 30
Dalley, John D., towing and unloading.....	975 00
.....	715 00
French, S. A., repaving bridges.....	45 80
Fayerweather estate, D. F., rent store.....	50 00
Holland & Co., Edw., patrol services, etc.....	825 00
Johnson, John, shoeing horses.....	145 88
Lenane, Thomas, forage.....	9,328 45
.....	2,271 31
Murray, J. A., rent premises.....	150 00
McNamara, John J., shoeing horses.....	289 88
Naughton, B., hired cows.....	750 00
O'Hare, James, boarding, etc., horses.....	200 45
Propeller "Escort," shifting.....	4 50
Quick, Michael, rations, etc.....	471 50
Rader, etc., G. W., rent barn.....	300 00
Swan, Dr. William, services.....	75 00
Savage, John, shoeing horses.....	301 44
Schmidt & Munnings, hired carts.....	683 20
Simmons, Charles H., rent saw.....	50 00
Urgo, Francesco, rent saw.....	40 00
Van Tassel, agent, Charles K., rent saw.....	50 00
Walters, Dr. Hy. O., services.....	75 00
	\$18,601 70

Schedule No. 150—Sundries.

The Barney Dumping Boat Company, hired cranes.....	\$570 00
.....	900 00
.....	900 00
.....	876 00
.....	900 00
.....	876 00
.....	450 00
.....	255 00
	\$5,713 00

Schedule No. 151—

J. H. Timmerman (City Paymaster), wages of Sweepers, Carmen, etc., for week ending October 20, 1898..... \$40,020 41

Appointments.

H. P. O'Rourke, Carpenter, by transfer from Department of Parks.

Reinstatement.

Richard Keegan, Plumber.

Temporary Appointment.

Felix Byron, Fireman in "Aschenbreidel."

Fines Imposed, Week Ending October 22, 1898.

Sweeper Thomas Harley, Section 23, violation of rules, one day's pay.....	"
John Seery, Section 24, violation of rules, one day's pay.....	"
Philip Fraemick, Section 24, violation of rules, one day's pay.....	"
John O'Donnovan, Section 17, violation of rules, two days' pay.....	"
Thomas Hesley, Section 23, violation of rules, one day's pay.....	"
John Kearney, Section 23, violation of rules, two days' pay.....	"
Thomas Heardon, Section 26, violation of rules, one day's pay.....	"
Driver Thomas P. Lewis, Stable B, violation of rules, one day's pay.....	"
John J. McDermott, Stable B, violation of rules, two days' pay.....	"
William O'Keefe, Stable A, violation of rules, one day's pay.....	"
Owen Reilly, Stable A, violation of rules, one day's pay.....	"
Thomas Keirwin, Stable B, violation of rules, two days' pay.....	"
Franc. Marcantonia, Stable D, violation of rules, one day's pay.....	"
Patrick Neylan, Stable A, violation of rules, one day's pay.....	"
John Connors, Stable A, violation of rules, one day's pay.....	"
John Hickey, Stable D, violation of rules, two days' pay.....	"
Jeremiah Smith, Stable B, violation of rules, one day's pay.....	"
James Hanley, Stable A, violation of rules, two days' pay.....	"
John Matern, Stable C, violation of rules, one day's pay.....	"
Michael Moran, Stable C, violation of rules, one day's pay.....	"
James Grant, Stable C, violation of rules, two days' pay.....	"
Henry Elliott, Stable G, violation of rules, one day's pay.....	"
Frank Rubimetti, Stable G, violation of rules, one day's pay.....	"
Peter McNamee, Stable G, violation of rules, one day's pay.....	"
Dennis Goss, Stable D, violation of rules, one day's pay.....	"
Henderson Jiles, Stable F, violation of rules, one day's pay.....	"
Thomas J. Mosley, Stable C, violation of rules, one day's pay.....	"
Richard Seidler, Stable F, violation of rules, one day's pay.....	"
John Murphy, Stable F, violation of rules, one day's pay.....	"
Charles Eggleston, Stable I, violation of rules, two days' pay.....	"
Roland Herling, Stable C, violation of rules, one day's pay.....	"
James Anderson, Stable F, violation of rules, one day's pay.....	"
Henry Delaney, Stable C, violation of rules, one day's pay.....	"
William Marshfield, Stable I, violation of rules, two days' pay.....	"
Michael Burns, Stable D, violation of rules, one day's pay.....	"
Michael Trainor, Stable B, violation of rules, two days' pay.....	"
Michael Burns, Stable E, violation of rules, one day's pay.....	"
James O'Brien, Stable D, violation of rules, one day's pay.....	"
Richard Donohue, Stable H, violation of rules, one day's pay.....	"
William Calkin, Stable D, violation of rules, one day's pay.....	"

BOROUGH OF BROOKLYN.

Removal of Incumbrances.

(Section 1545, Greater New York Charter.)

Unredeemed incumbrances on hand October 15, 1898..... 35

Incumbrances seized during week..... 0

Incumbrances redeemed and released..... 35

Unredeemed incumbrances on hand..... 35

Bills and Pay-rolls

transmitted to Comptroller, as follows:

Schedule No. 69—Sundries.

Brooklyn Sanitary Company, removal of garbage.....	\$9,750 00
McGarry, Joseph A., cleaning streets, removing ashes, etc.....	65,201 03
	\$74,951 03

Schedule No. 73—

J. H. Timmerman (City Paymaster), wages of Haulers for week ending October 20, 1898..... \$41 43

Miscellaneous.

Mileage of street cleaning.....	\$43 153
Number of loads of street dirt removed.....	3,203
Number of loads of ashes of 2 1/2 cubic yards removed.....	15,864
Tonnage of garbage removed.....	3,780
Complaints received.....	43
Notices served.....	31

JAMES MCCARTNEY, Commissioner of Street Cleaning.



# METEOROLOGICAL OBSERVATORY OF THE DEPARTMENT OF PARKS.

Central Park, New York—Latitude 40° 45' 28" N. Longitude 73° 57' 58" W. Height of Instruments above the Ground, 53 feet; above the Sea, 97 feet.

Abstract of Readings from Self-recording Instruments for the Week ending November 5, 1898.

## Barometer.

DATE.	7 A.M.	10 A.M.	1 P.M.	MEAN FOR THE DAY.	MAXIMUM.	MINIMUM.
OCTOBER AND NOVEMBER.	Reduced to Sea Level.	Reduced to Sea Level.	Reduced to Sea Level.	Reduced to Sea Level.	Reduced to Sea Level.	Reduced to Sea Level.
Sunday, 10	30.044	29.944	29.900	29.963	30.020	29.870
Monday, 11	29.910	29.832	29.800	29.847	29.970	29.774
Tuesday, 12	29.880	29.780	29.750	29.810	29.940	29.680
Wednesday, 13	29.850	29.750	29.720	29.787	29.910	29.660
Thursday, 14	29.820	29.720	29.690	29.750	29.880	29.600
Friday, 15	29.790	29.690	29.660	29.713	29.840	29.560
Saturday, 16	29.760	29.660	29.630	29.680	29.810	29.530

Mean for the week, 29.780 inches.  
Maximum, 30.020, at 10 A.M., November 10.  
Minimum, 29.530, at 10 A.M., November 16.  
Range, .490.

## Thermometers.

DATE.	7 A.M.	10 A.M.	1 P.M.	MEAN.	MAXIMUM.	MINIMUM.	MAXIMUM.
OCTOBER AND NOVEMBER.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Dry Bulb.	Dry Bulb.	Wet Bulb.	Wet Bulb.
Sunday, 10	47	41	47	44.5	55	35	47
Monday, 11	47	41	47	44.5	55	35	47
Tuesday, 12	47	41	47	44.5	55	35	47
Wednesday, 13	47	41	47	44.5	55	35	47
Thursday, 14	47	41	47	44.5	55	35	47
Friday, 15	47	41	47	44.5	55	35	47
Saturday, 16	47	41	47	44.5	55	35	47

Mean for the week, 44.5 degrees.  
Maximum, 55, at 1 P.M., November 10.  
Minimum, 35, at 10 A.M., November 16.  
Range, 20.

## Wind.

DATE.	DIRECTION.	VELOCITY IN MILES.	FORCE IN POUNDS PER SQUARE FOOT.
OCTOBER AND NOVEMBER.	7 A.M.	10 A.M.	1 P.M.
Sunday, 10	NW	WSW	W
Monday, 11	W	SW	SW
Tuesday, 12	NW	SW	SW
Wednesday, 13	SW	W	WSW
Thursday, 14	SW	W	SW
Friday, 15	WSW	S	S
Saturday, 16	SSE	SSE	SW

Distance traveled during the week, 800 miles.  
Maximum force, 3 pounds.

## Hygrometer.

## Clouds.

## Rain and Snow. Ozone.

DATE.	FORCE OF WIND.	RELATIVE HUMIDITY.	CLEAR, CLOUDY, &c.	DEPTH OF RAIN AND SNOW IN INCHES.
OCTOBER AND NOVEMBER.	7 A.M.	10 A.M.	1 P.M.	7 A.M.
Sunday, 10	10	10	10	0
Monday, 11	10	10	10	0
Tuesday, 12	10	10	10	0
Wednesday, 13	10	10	10	0
Thursday, 14	10	10	10	0
Friday, 15	10	10	10	0
Saturday, 16	10	10	10	0

Total amount of water for the week, .19 inches.  
Duration for the week, 5 hours, 30 minutes.

DATE.	7 A.M.	3 P.M.
Sunday, Oct. 10	Rain, raining.	Cool, cloudy.
Monday, 11	Mild, cloudy.	Mild, pleasant.
Tuesday, 12	Mild, pleasant.	Mild, pleasant.
Wednesday, 13	Mild, pleasant.	Pleasant, windy.
Thursday, 14	Mild, pleasant.	Mild, pleasant.
Friday, 15	Cool, white frost.	Mild, pleasant.
Saturday, 16	Mild, fog.	Mild, cloudy.

DANIEL DRAPER, Ph. D., Director.

## DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS,  
NO. 220 FOURTH AVENUE,  
BOROUGH OF MANHATTAN,  
NEW YORK CITY, November 16, 1898.

*Supervisor of the City Record:*  
DEAR SIR:—I hereby notify you of the following appointments in the Department of Buildings:

November 14, 1898. Charles B. Duffy, Inspector to Supervise Elevators.

November 14, 1898. John Burke, Inspector of Buildings.

November 14, 1898. John W. Wagner, Inspector of Buildings.

November 16, 1898. James R. Dracken, Temporary Violation Notice Server, assigned to the Borough of Brooklyn.

November 16, 1898. Richard B. Remsen, Temporary Violation Notice Server, assigned to the Borough of Brooklyn.

November 16, 1898. Thomas Sanderson, Building Inspector.

Yours respectfully,  
A. J. JOHNSON,  
Secretary, Board of Buildings.

## MUNICIPAL ASSEMBLY.

CITY OF NEW YORK,  
BOARD OF ALDERMEN,  
CITY HALL, November 16, 1898.

*Supervisor of the City Record:*  
Public hearing will be held by the Railroad Committee in the Aldermanic Chamber, City Hall, at 2 P.M., Friday, November 18, 1898, to consider ordinance in relation to placing gates at railroad crossings.

M. F. BLAKE, Clerk.

A meeting of the Committee on Water Supply will be held in the Aldermanic Chamber, City Hall, Saturday, November 19, 1898, at 10 A.M.

M. F. BLAKE, Clerk.

Public hearing of the Law Committee will be held in the Aldermanic Chamber, City Hall, at 2 P.M., Friday, November 18, 1898, in regard to ordinance affecting bicycle racing.

M. F. BLAKE, Clerk.

A meeting of the Law Department will be held in the Aldermanic Chamber, City Hall, on Friday, November 18, 1898, at 4 P.M.

M. F. BLAKE, Clerk.

A joint meeting of the Committees on Law, Public Buildings, Lighting and Supplies and Public Health will be held in the Aldermanic Chamber, City Hall, at 2 P.M., Friday, November 18, 1898.

M. F. BLAKE, Clerk.

## CITY CLERK.

THE CITY OF NEW YORK,  
OFFICE OF THE CITY CLERK,  
CITY HALL,  
NEW YORK, November 12, 1898.

*To whom it may concern:*  
Public notice is hereby given that the Committee on Law Department of the Council will hold a public hearing Friday, November 18, 1898, at 2 o'clock P.M., in the Councilmanic Chamber, City Hall, to consider a proposed ordinance for the better regulation of theatres and music halls.

P. J. SCULLY,  
City Clerk.

## OFFICIAL DIRECTORY.

STATEMENT OF THE HOURS DURING WHICH THE PUBLIC OFFICES IN THE CITY ARE OPEN FOR BUSINESS, and at which the Courts regularly open and adjourn, as well as of the places where such offices are held and such Courts are held, together with the heads of Departments and Courts:

### EXECUTIVE DEPARTMENT.

*Mayor's Office.*  
No. 1 City Hall, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
ROBERT A. VAN WYCK, Mayor.  
ALFRED M. HOSACK, Private Secretary.

*Bureau of Licenses.*  
No. 1 City Hall, 9 A.M. to 4 P.M.  
DAVID J. ROOSE, Chief.  
GEORGE W. BROWN, Jr., Deputy.

### COMMISSIONERS OF ACCOUNTS.

Rooms 113 and 115 Stewart Building, 9 A.M. to 4 P.M.  
JOHN C. HERBIE and EDWARD CURRY.

### BOARD OF ARMY COMMISSIONERS.

THE MAYOR, CHAIRMAN, PRESIDENT OF DEPARTMENT OF TAXES AND ASSESSMENTS, SECRETARY.  
Address: THOMAS L. FETTER, Stewart Building.  
Office hours, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

### MUNICIPAL ASSEMBLY.

*The Council.*  
RANDOLPH GUGGERMAN, President of the Council.  
P. J. SCULLY, City Clerk.  
Clerk's office open from 10 A.M. to 4 P.M.; Saturdays, 10 A.M. to 12 M.

### BOARD OF ALDERMEN.

THOMAS F. WAGNER, President.  
MICHAEL F. BLAKE, Clerk.

### AQUEDUCT COMMISSIONERS.

Room 202 Stewart Building, 3d floor, 9 A.M. to 4 P.M.  
JOHN J. RYAN, MAYORICK J. POWERS, WILLIAM H. TEN EYCK, JOHN P. WINDOLAN and THE MAYOR, and COMPTROLLER, Commissioners; HARRY W. WALKER, Secretary, A. FETTER, Chief Engineer.

### BOROUGH PRESIDENTS.

*Borough of Manhattan.*  
Office of the President of the Borough of Manhattan, Nos. 20, 21 and 22 City Hall, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
AUGUSTUS W. PETERS, President.  
IRA EDEAR KIRBY, Secretary.

### Borough of The Bronx.

Office of the President of the Borough of The Bronx, corner Third Avenue and One Hundred and Seventy-seventh street, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
LEON P. HAZEN, President.

*Borough of Brooklyn.*  
President's Office, No. 1 Borough Hall, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
EDWARD M. GRANT, President.

*Borough of Queens.*  
EDWARD BOWLEY, President.  
Office, Long Island City, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

*Borough of Richmond.*  
GEORGE CROSWELL, President.  
Office of the President, First National Bank Building, New Brighton 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.

### PUBLIC ADMINISTRATOR.

No. 219 Nassau street, 9 A.M. to 4 P.M.  
WILLIAM M. HONS, Public Administrator.

### BOARD OF PUBLIC IMPROVEMENTS.

No. 206 Broadway, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
MAURICE F. HOLANCK, President.  
JOHN H. MOONEY, Secretary.

### Department of Highways.

No. 120 Nassau street, 9 A.M. to 4 P.M.  
JAMES P. KEATON, Commissioner of Highways.  
WILLIAM S. SHANNON, Deputy for Manhattan.  
THOMAS R. FARRALL, Deputy for Brooklyn.  
JAMES H. MALONE, Deputy for Bronx.  
JOHN P. MANNING, Deputy for Queens.  
HENRY P. MORRISON, Deputy and Chief Engineer for Richmond. Office, "Richmond Building," corner Richmond Terrace and York Avenue, New Brighton, S.I.

### Department of Sewers.

Nos. 262 and 264 Broadway, 9 A.M. to 4 P.M.  
JAMES KEANE, Commissioner of Sewers.  
MATTHEW P. DOVONICK, Deputy for Manhattan.  
THOMAS J. DUNN, Deputy for Bronx.  
WILLIAM BRESNAHAN, Deputy for Brooklyn.  
MATTHEW J. GOLDSON, Deputy Commissioner.  
Sewers, Borough of Queens.  
HENRY P. MORRISON, Deputy Commissioner and Chief Engineer of Sewers, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York Avenue, New Brighton, S.I.

### Department of Bridges.

Room 177 Stewart Building, Chambers street and Broadway, 9 A.M. to 4 P.M.; Saturdays, 9 A.M. to 12 M.  
JAMES L. SHAW, Commissioner.  
THOMAS H. YOUNG, Deputy.  
SAMUEL R. FERRARO, Chief Engineer.  
MATTHEW H. MORRIS, Deputy for Bronx.  
HARRY BLAKE, Deputy for Brooklyn.  
JOHN E. JACKSON, Deputy for Queens.

### Department of Water Supply.

No. 120 Nassau street, 9 A.M. to 4 P.M.  
WILLIAM DIALLO, Commissioner of Water Supply.  
JAMES H. HARRIS, Deputy Commissioner.  
GEORGE W. HERRMAN, Chief Engineer.  
W. G. BERRY, Water Regulator.  
JAMES MORRIS, Deputy Commissioner, Borough of Brooklyn, Municipal Building.  
JOSEPH FRYER, Deputy Commissioner, Borough of Queens, Old Town Hall, Flushing.  
THOMAS J. MULLIGAN, Deputy Commissioner, Borough of The Bronx, Corona Park Building.  
HENRY P. MORRISON, Deputy Commissioner, Borough of Richmond. Office, "Richmond Building," corner Richmond Terrace and York Avenue, New Brighton, S.I.

### Department of Street Cleaning.

9 A.M. to 4 P.M.  
JAMES MCCARTNEY, Commissioner, No. 340 Broadway, Manhattan.  
F. M. GIBSON, Deputy Commissioner for Borough of Manhattan, No. 340 Broadway.  
PATRICK H. QUINN, Deputy Commissioner for Borough of Brooklyn, Room 17 Municipal Building.  
JOSEPH LACROIX, Deputy Commissioner for Borough of The Bronx, No. 615 East One Hundred and Fifty-second street.  
JOHN P. MORRIS, Deputy Commissioner for Borough of Queens, Municipal Building, Long Island City.

### Department of Buildings, Lighting and Supplies.

No. 345 Broadway, Room 1712, 9 A.M. to 4 P.M.  
HENRY S. KEATON, Commissioner of Public Buildings, Lighting and Supplies.  
PATRICK J. DOVONICK, Deputy Commissioner for Manhattan.  
WILLIAM WALTON, Deputy Commissioner for Brooklyn.  
HARRY BURNETT, Deputy Commissioner for Queens.  
EDWARD I. MILLER, Deputy Commissioner for Richmond.

## DEPARTMENT OF FINANCE.

*Comptroller's Office.*  
Stewart Building, Chambers street and Broadway, 9 A.M. to 4 P.M.  
DEAN S. COCKE, Comptroller.  
MATTHEW T. DUFFY, Deputy Comptroller.  
EDWARD J. LYNCH, Assistant Deputy Comptroller.  
EDWARD GRANT, Collector of Assessments and Arrears.

*DAVID O'BRIEN, Collector of City Revenue and Superintendent of Markets, Borough of Manhattan.*  
DAVID E. ACHESON, Receiver of Taxes.  
JOHN J. McDONOUGH, Deputy Receiver of Taxes, Borough of Manhattan.  
JAMES B. BERRY, Deputy Receiver of Taxes, Borough of Brooklyn.  
JOHN F. GONNINGSBY, First Auditor of Accounts, Borough of Manhattan.  
WILLIAM MCKENNY, First Auditor of Accounts, Borough of Brooklyn.  
MICHAEL O'KEEFE, Deputy Collector of Assessments and Arrears, Borough of Brooklyn.  
WALTER H. HOLZ, Auditor, Borough of Richmond.  
JOHN J. FERRARO, Deputy Receiver of Taxes, Borough of Richmond.  
GEORGE BRANN, Deputy Collector of Assessments and Arrears, Borough of Richmond.  
EDWARD J. CONNELL, Auditor, Borough of The Bronx.  
FREDERICK W. BLACKWELL, Deputy Receiver of Taxes, Borough of Queens.  
FRANCIS K. CLARK, Auditor, Borough of Queens.

### Bureau of the City Chamberlain.

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

### Office of the City Paymaster.

No. 75 Reade street, Stewart Building, 9 A.M. to 4 P.M.  
JOHN H. TINTERMAN, City Paymaster.

### LAW DEPARTMENT.

*Office of Corporation Counsel.*  
Seamans-Zerkow Building, 3d and 4th floors, 9 A.M. to 5 P.M.; Saturdays, 9 A.M. to 12 M.  
JOHN WHALEN, Corporation Counsel.  
THOMAS CONNOLLY, W. W. LAIRD, Jr., CHARLES BLANDY, Assistants.  
ALBERT F. JONES, Assistant Corporation Counsel for Brooklyn.

*Bureau for Collection of Arrears of Personal Taxes.*  
Seaward Building, Broadway and Chambers street, 9 A.M. to 4 P.M.

### Bureau for the Recovery of Penalties.

Nos. 119 and 121 Nassau street.

ADAM T. KERNAN, Assistant Corporation Counsel.

### Bureau of Street Opening.

Nos. 90 and 92 West Broadway.  
JOHN P. DUFFY, Assistant to Corporation Counsel.



POLICE DEPARTMENT.

Central Office.

No. 700 Mulberry street, 9 A. M. to 4 P. M.  
 BENJAMIN J. YORK, President of the Board; JOHN H. SEYMOUR, JACOB HARRIS, HENRY E. ARRA, Commissioners.

DEPARTMENT OF PUBLIC CHARITIES.

Central Office.

Foot of East Twenty-sixth street, 9 A. M. to 4 P. M.  
 JOHN W. KELLER, President of the Board; Commissioner for Manhattan and Bronx.  
 THOMAS S. BRESSAN, Deputy Commissioner.  
 ANTHONY S. SIKES, Jr., Commissioner for Brooklyn and Queens.  
 ANTHONY A. QUINN, Deputy Commissioner.  
 JAMES F. KERRY, Commissioner for Richmond.  
 Plans and Specifications, Contracts, Proposals and Estimates for Work and Materials for Building, Repairs and Supplies, Bids and Accounts, 9 A. M. to 4 P. M., Saturdays, 12 M.  
 Out-door Poor Department. Office hours, 8:30 A. M. to 4:30 P. M.

DEPARTMENT OF CORRECTION.

Central Office.

No. 148 East Twenty-third street, 9 A. M. to 4 P. M.  
 FRANCIS J. LANTIER, Commissioner.  
 N. O. FANNING, Deputy Commissioner.  
 JAMES J. KLEWER, Deputy Commissioner for Boroughs of Brooklyn and Queens.

FIRE DEPARTMENT.

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

Headquarters.

Nos. 157 and 159 East Sixty-seventh street.  
 JOHN J. SCARF, Fire Commissioner.  
 JAMES H. TULLY, Deputy Commissioner, Borough of Brooklyn and Queens.  
 ANTHONY T. DOUGHERTY, Secretary.  
 HENRY BOWLER, Chief of Department, and in Charge of Fire-alarm Telegraph.  
 JAMES HALL, Deputy Chief, in Charge of Boroughs of Brooklyn and Queens.  
 GEORGE E. MURPHY, Inspector of Companies.  
 PETER S. SEXTON, Fire Marshal, Boroughs of Manhattan, The Bronx and Richmond.  
 ALFRED BRYCE, Fire Marshal, Boroughs of Brooklyn and Queens.  
 Central Office open at all hours.

DEPARTMENT OF HEALTH.

New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.  
 MICHAEL C. MORPHY, President, and WILLIAM T. JENNINGS, M. D., JOHN B. COOPER, M. D., two Presidents of the Police Board, ex-officio, and the Health Officer of the Board, ex-officio, Commissioners; EDWARD CLARK, Secretary.

DEPARTMENT OF EDUCATION.

Board of Education.

No. 140 Grand street, Borough of Manhattan.  
 CHARLES BRIDLEY HUBBELL, President; A. LEONARD PALMER, Secretary.

School Board for the Borough of Manhattan and The Bronx.  
 No. 140 Grand street, Borough of Manhattan.  
 CHARLES BRIDLEY HUBBELL, President; ARTHUR McMULLIN, Secretary.

School Board for the Borough of Brooklyn.  
 No. 131 Lexington street, Brooklyn.  
 J. EDWARD SHANNON, President; GEORGE G. BROWN, Secretary.

School Board for the Borough of Queens.  
 Flushing, L. I.  
 G. HOWLAND LEAVITT, President; JOSEPH H. FRYPATRICK, Secretary.

School Board for the Borough of Richmond.  
 Stapleton, Staten Island.  
 FRANK PUGLEY, President; EDWARD C. VERT, Secretary.

DEPARTMENT OF PARKS.

Arsonal Building, Central Park, 9 A. M. to 4 P. M.; Saturdays, 12 M.  
 GEORGE C. CLARKE, President, Commissioner in Manhattan and Richmond.  
 GEORGE V. BROWER, Commissioner in Brooklyn and Queens.  
 AUGUST MEYER, Commissioner in Borough of The Bronx, Zircowski Mansion, Claremont Park.

DEPARTMENT OF DOCKS AND FERRIES.

For "A," No. 1, Battery place.  
 J. ROBERTSON QUINN, President; CHARLES F. MORPHY, Treasurer; PETER F. MEYER, Commissioners.  
 WILLIAM H. BROWN, Secretary.  
 Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

DEPARTMENT OF BUILDINGS.

Main Office, No. 220 Fourth avenue, Borough of Manhattan.  
 THOMAS J. BRADY, President of the Board of Buildings and Commissioner for the Boroughs of Manhattan and The Bronx.  
 JOHN GUERRETTI, Commissioner for the Borough of Brooklyn.  
 DANIEL CAMPBELL, Commissioner for the Boroughs of Queens and Richmond.  
 A. J. JOHNSON, Secretary.  
 Office of the Department for the Boroughs of Manhattan and The Bronx, No. 220 Fourth avenue, Borough of Manhattan.  
 Office of the Department for the Borough of Brooklyn, Borough Hall, Borough of Brooklyn.  
 Office of the Department for the Boroughs of Queens and Richmond, Richmond Hall, New Brighton, Staten Island, Borough of Richmond; Branch office: Room 1, second floor, Town Hall, Jamaica, Long Island, Borough of Queens.

DEPARTMENT OF TAXES AND ASSESSMENTS.

Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.  
 THOMAS L. FETTER, President of the Board; EDWARD C. SHERIDAN, ARTHUR C. SALMON, THOMAS J. PATTERSON and WILLIAM GIBELL, Commissioners.

BUREAU OF MUNICIPAL STATISTICS.

No. 346 Broadway (N. V. Life Insurance Building), Rooms 1013 and 1014. Office hours from 9 A. M. to 4 P. M.; Saturdays, from 9 A. M. to 12 M.  
 JOHN T. NAGLE, M. D., Chief of Bureau.  
 Municipal Statistical Commission: FREDERICK W. GRUBB, LL. D., HARRY PARKS WHITNEY, THURNTON N. MOTLEY, JULIUS G. KUGELMAN, RICHARD T. WILSON, JR., EDWARD HARTLEY.

MUNICIPAL CIVIL SERVICE COMMISSION.

Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.  
 CHARLES H. KNOX, President, ROBERT E. DEVO and WILLIAM N. DYMAN, Commissioners.  
 LEE PHILLIPS, Secretary.

BOARD OF ASSESSORS.

Office, No. 350 Broadway, 9 A. M. to 4 P. M.  
 EDWARD CAMPBELL, THOMAS A. WILSON, JOHN DELMAR, EDWARD MCCUE and PATRICK M. HAVERTY, Board of Assessors.

BOARD OF ESTIMATE AND APPORTIONMENT.

The Mayor, Chairman; THOMAS L. FETTER (President), Department of Taxes and Assessments, Secretary; the COMPTROLLER, President of the Council, and the CORPORATION COMMISSIONERS, Members; CHARLES V. ALLEN, Clerk.  
 Office of Clerk, Department of Taxes and Assessments, Stewart Building.

SHERIFF'S OFFICE.

Stewart Building, 9 A. M. to 4 P. M.  
 THOMAS J. DUFF, Sheriff; HENRY P. MELVANY, Under Sheriff.

COMMISSIONERS OF THE SINKING FUND.

The Mayor, Chairman; BEN S. COHEN, Comptroller; PATRICK KAWAN, Chamberlain; RALPH COMPTON, President of the Council, and ROBERT MUIR, Chairman, Finance Committee, Board of Aldermen, Members; EDGAR J. LORRY, Secretary.  
 Office of Secretary, Room No. 11, Stewart Building.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.  
 ISAAC FROMME, Register; JOHN VAN GLAEN, Deputy Register.

COMMISSIONER OF JURORS.

Room 157 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.  
 CHARLES WELCH, Commissioner.

SPECIAL COMMISSIONER OF JURORS.

No. 115 Fifth avenue.  
 H. W. GRAY, Commissioner.

NEW YORK COUNTY JAIL.

No. 71 Ludlow street, 9 A. M. to 4 P. M.  
 PATRICK H. PICKETT, Warden.

COUNTY CLERK'S OFFICE.

Nos. 7 and 1 New County Court-house, 9 A. M. to 4 P. M.  
 WILLIAM SCHMIDT, County Clerk.  
 GEORGE H. FAHNBACH, Deputy.

THE CITY RECORD OFFICE.

and Division of Printing, Stationery and Blank Books.  
 No. 2 City Hall, 9 A. M. to 4 P. M., except Saturdays, on which days 9 A. M. to 12 M.  
 WILLIAM A. BUTLER, Supervisory Editor, Bureau, Deputy Superintendent; THOMAS C. LORRELL, Deputy Superintendent and Assistant.

NEW EAST RIVER BRIDGE COMMISSION.

Commissioners' Office, Nos. 40 and 42 Chambers street, New York, 9 A. M. to 4 P. M.  
 LEONARD NICHOLS, President; JAMES W. BROWN, Vice-President; SLOAN P. LADD, Secretary; JULIAN D. FORDHAM, Treasurer; JOHN W. WARR, THOMAS S. MORRIS and The Mayor, Commissioners.  
 Chief Engineer's Office, No. 74 Broadway, Brooklyn R. I., 9 A. M. to 5 P. M.

DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.  
 ALFRED HARRISON, District Attorney; WILLIAM J. McKEOWN, Chief Clerk.

CHANCE OF GRADE DAMAGE COMMISSION.

Room 25, Schermerhorn Building, No. 90 Broadway, Meetings, Mondays, Wednesdays and Fridays, at 9 P. M.  
 DANIEL LORRY, Chairman; JAMES M. VANHORN, WILLIAM E. STEINBERG, Commissioners.  
 LAUREY McLAUGHLIN, Clerk.

CORONERS.

Borough of Manhattan.  
 Office, New Criminal Court Building. Open at all times of day and night.  
 EDWARD T. FITZPATRICK, JAMES E. BALDWIN, EDWARD W. HARRIS, ANTONIO ZUCCA.  
 Borough of The Bronx.  
 ANTHONY MCCOY, THOMAS M. LYNN.  
 Borough of Brooklyn.  
 ANTHONY J. BURGESS, GEORGE W. DELAY.  
 Borough of Queens.  
 PHILIP T. CROSBY, JR., SAMUEL S. GUY, JR., LEONARD ROBERT, JR., JAMES L. J.  
 Borough of Richmond.  
 JOHN SEAYNE, GEORGE C. TWADDER.

SURROGATES' COURT.

New County Court-house. Court opens at 10:30 A. M.; adjourns 4 P. M.  
 FRANK T. FETTER and JOHN H. V. ACHARD, Surrogates; WILLIAM V. LORRY, Chief Clerk.

EXAMINING BOARD OF PLUMBERS.

Rooms 11, 12 and 13 Nos. 145 to 151 Church street.  
 President, JOHN KENNEDY, Secretary, JAMES E. METCALVEY, Treasurer, EDWARD HALEY, HORACE LOOMIS, P. J. ANDREWS, ex-officio.  
 Meet every Monday, Wednesday and Friday at 4 P. M.

SUPREME COURT.

County Court-house, 12:30 A. M. to 4 P. M.  
 Special Term, Part I, Room No. 2.  
 Special Term, Part II, Room No. 13.  
 Special Term, Part III, Room No. 14.  
 Special Term, Part IV, Room No. 15.  
 Special Term, Part V, Room No. 16.  
 Special Term, Part VI, Room No. 17.  
 Special Term, Part VII, Room No. 18.  
 Special Term, Part VIII, Room No. 19.  
 Trial Term, Part I, Room No. 17.  
 Trial Term, Part II, Room No. 17.  
 Trial Term, Part III, Room No. 17.  
 Trial Term, Part IV, Room No. 17.  
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ness 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 work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York, and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 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 Controller 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 Controller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him 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 re-advertised and let as provided by law.

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

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

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

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

NOVEMBER 18, 1898.  
FRANCIS J. LANTRY,  
Commissioner, Department of Correction.

ONE THOUSAND FIVE HUNDRED TONS COAL.

PROPOSALS FOR ONE THOUSAND FIVE HUNDRED TONS OF WHITE ASH COAL FOR 1898. Sealed bids or estimates for furnishing the Department of Correction at 100.

ONE THOUSAND FIVE HUNDRED TONS OF WHITE ASH COAL. Sealed bids or estimates for furnishing the Department of Correction at 100. No. 148 East Twentieth Street, in the City of New York, until 12 o'clock A. M.

MONDAY, NOVEMBER 22, 1898.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, labeled "Bid or Estimate for 1,500 Tons of White Ash Coal," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the 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 he deems it to be for the public interest, as provided in section 54, CHAPTER 410, LAWS OF 1886.

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

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

Delivery to be made at once, and in such quantities as may be directed by the said Commissioner.

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 THREE THOUSAND DOLLARS.

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

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders or trust or security companies 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 articles by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of

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

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him 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 re-advertised and let as provided by law.

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 Controller, in accordance with the terms of the contract.

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

Dated New York, November 18, 1898.

FRANCIS J. LANTRY,  
Commissioner, Department of Correction.

DEPARTMENT OF CORRECTION,  
Borough of Manhattan,  
No. 148 East Twentieth Street,  
New York City, November 18, 1898.

PROPOSALS FOR MEDICINES, ETC.

SEALED BIDS OR ESTIMATES FOR FURNISHING MEDICINES, LIQUORS, ETC., IN ACCORDANCE WITH SPECIFICATIONS, WILL BE RECEIVED AT THE OFFICE OF THE COMMISSIONER OF CORRECTION, IN THE CITY OF NEW YORK, NO. 148 EAST TWENTIETH STREET, UNTIL

FRIDAY, NOVEMBER 18, 1898,

at which time bids to be delivered to the Chief Clerk, Chemist, Department of Public Charities, General Drug Dispensary, Bellevue Hospital, East Twentieth Street, for the Department of Correction.

Quantities to be more or less.

100 pounds Potassium Iodide, 1 pint bottle.

10 ounces Cod Liver, crystallized, in ounce vials.

1 barrel California Port Wine, price to be per wine gallon.

1 barrel California Sherry, price to be per wine gallon.

N. B.—Both of the preceding if they must contain not less than 20 per cent. of absolute alcohol by volume, and must possess a good sound flavor and taste.

1/2 barrel California Brandy at least four years old, directly out of cask—price per proof gallon—with gauger's certificate.

1/2 cask French Brandy, Old or Hennessy, or Martell or J. & F. Martell, vintage of 1888, directly out of bond, duty paid, with gauger's certificate, price per proof gallon.

1 dozen Hot Water Bag, "Alpha," 2 quarts.

1 dozen Surgical Needles.

Will be taken at once.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, labeled "Bid or Estimate for Medicines, etc.," 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 of Correction, or his duly authorized agent, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if he deems it to be for the public interest, as provided in section 54, CHAPTER 410, LAWS OF 1886.

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

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

Delivery will be required to be made from time to time, and in such quantities as may be directed by the said Commissioner.

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract by his or their bond, with two sufficient sureties, each in the penal amount of fifty (50) per cent. of the bid for each article if it amounts to \$1,000 or over.

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

Each bid or estimate of \$1,000 or over shall be accompanied by the consent, in writing, of two householders or freeholders or trust or security companies 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 work by which the bids are tested. The consent above mentioned shall be accompanied by the oath or affirmation, in writing, of each of the persons signing the same, that he is a householder or freeholder in the City of New York and is worth the amount of the security required for the completion of this contract over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by section 12 of chapter 7 of the Revised Ordinances of the City of New York, 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 Controller 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 Controller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to him 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 re-advertised and let as provided by law.

The quality of the supplies must conform in every respect to the samples of the same on exhibition at the office of the said Department, or, in the absence of samples, to the printed specifications. Bidders are cautioned to examine the specifications for particulars of the articles, etc., required before making their estimates.

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

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 Controller, in accordance with the terms of the contract, from time to time, as the Commissioner may determine.

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

FRANCIS J. LANTRY,  
Commissioner of Correction.

DEPARTMENT OF CORRECTION,  
No. 148 East Twentieth Street,  
New York City, November 18, 1898.

TO CONTRACTORS.

PROPOSALS FOR FURNISHING THE FOLLOWING MATERIALS FOR MANUFACTURING PURPOSES TO THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN.

SEALED BIDS OR ESTIMATES FOR FURNISHING THE FOLLOWING MATERIALS FOR MANUFACTURING PURPOSES TO THE KINGS COUNTY PENITENTIARY, BOROUGH OF BROOKLYN, IN ACCORDANCE WITH SPECIFICATIONS, WILL BE RECEIVED AT THE OFFICE OF THE COMMISSIONER OF CORRECTION, NO. 148 EAST TWENTIETH STREET, NEW YORK CITY, AT 12 O'Clock, A. M.

FRIDAY, NOVEMBER 18, 1898.

All goods to be delivered to the Kings County Penitentiary free of expense, and quantities allowed as required there.

STOCKING INDUSTRY.

1. 5000 pounds Station Wagon, mixed and round, size 6 to 10—no Extras, for use—Unknown.

2. 1000 pounds No. 10 Boston Yarn for embroidery.

3. 5000 Yards 1/4 Gauge Yarn, Ripped, Laid, Needles, or Knitting Machine Franklin Co. Make.

4. 5000 Yards No. 10 Gauge Yarn for Knitting Machine Franklin Co. Make.

5. 3000 X Long Crook Shank 1/4 Gauge Yarn for Knitting Machine Franklin Co. Make.

6. 2000 X Long Crook Shank 1/4 Gauge Yarn for Knitting Machine Franklin Co. Make.

7. 15 tons first quality Brown Corn, suitable for No. 2 horses.

8. 3 tons first quality White Horse Corn.

9. 15000 Brown Handles for No. 7 and 8 Horses.

10. 15000 Cases for Large Horses.

11. 15000 Brown Handles.

12. 15000 Yards 1/4 Gauge Yarn.

13. 15000 Yards Red and Green Brown Twine.

14. 15000 Yards Brown Twine.

15. 10000 pounds Laid for Street Sweeping.

16. 5000 pounds Laid for Street Sweeping.

17. 5000 pounds 2 1/2 inch Barbed Wire 14 to 16 inch.

18. 5000 pounds 2 1/2 inch Barbed Wire 14 to 16 inch.

19. 10,000 Yards for Brushes (Good Scrub, 2,000 Moss, 8,000 Cloth).

20. 1000 pounds Brushmakers Wire.

21. 1000 pounds Horse Hair.

22. 2000 pounds Rice Corn.

23. 1000 pounds Brush for Polsters and Whiffles—ch Brushes.

24. 1000 Pairs Brush Handles assorted sizes.

25. 1000 White Wash Brush Ties.

26. 500 Street Iron on Tops, 10-inch.

27. 3000 Street Iron on Tops, 10-inch.

28. 2000 Each Window Brush Tops and Handles.

29. 5000 Street Brown Handles.

30. 10000 Yards 1/4 Gauge Yarn, 18-inch.

31. 2000 Yards 1/4 Gauge Yarn, 16-inch.

32. 1000 Yards 1/4 Gauge Yarn, 14-inch.

33. 1000 Handles, 1/4 Gauge Yarn.

34. 2000 Handles, 1/4 Gauge Yarn.

35. 1000 Handles, 1/4 Gauge Yarn.

36. 5000 Yards Whisk Brown Twine, red and green.

37. 1 dozen Brushmakers' Trills, assorted.

38. 10 pairs Brown Sewing Palms.

39. 4 dozen Brown Needles.

IRON INDUSTRY.

50. 5000 feet 6-oz. Oil Grain Leather, B Grade, Western Tan.

60. 5000 feet Kangaroo Grain Leather, B Grade, Western Tan.

61. 2000 pounds D. D. Hemlock Sole Leather—overweight.

62. 5000 pounds D. D. Hemlock Sole Leather—underweight.
63. 5000 pounds Light Back Sheep.
64. 5000 pounds Light Back Sheep.
65. 5000 pounds Light Back Sheep.
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99. 5000 pounds Light Back Sheep.
100. 5000 pounds Light Back Sheep.

Bidders are required to put in their bids.

Awards will be made on the basis of the lowest bid.

Should any be required to be made.

No money packages are to be returned to bidders or competitors, to be delivered to the Commissioner, or to be retained, except such as are designated in the specifications.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, labeled "Bid or Estimate for Iron Industry," 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 of Correction, or his duly authorized agent, and read.

The Commissioner of Correction reserves the right to reject all bids or estimates if he deems it to be for the public interest, as provided in section 54, CHAPTER 410, LAWS OF 1886.

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 fifty (50) per cent. of the bid for each article.

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

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