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DEPARTMENT OF DOCKS AND FERRIES.

Twenty-eighth Annual Report for the Year ending December 31, 1898.

DEPARTMENT OF DOCKS AND FERRIES,
BATTERY PLACE, PIER "A," NORTH RIVER,
NEW YORK, December 31, 1898.

To the Honorable ROBT. A. VAN WYCK, Mayor of The City of New York:

SIR—The Board of Docks, in pursuance of section 829 of chapter 16 of the Greater New York Charter, has the honor to present its Annual Report for the year ending December 31, 1898, as disclosed by the records of this Department, containing: "1st. The name, occupation and compensation of all officers, clerks and agents appointed and employed by said Board. 2d. A statement of the action of the Board of Docks for the past year, classified with reference to the various subjects and duties which have engaged its attention. 3d. A list of the orders and rules made by said Board of Docks and a description of the contracts made by said Board, the payments made by said Board and the purposes and amounts thereof; and the leases made by said Board, for what term, at what rent, to whom and for what property."

Very respectfully,

J. SERGEANT CRAM,
CHARLES F. MURPHY, } Commissioners
PETER F. MEYER, } of Docks.

WM. H. BURKE, Secretary.

Commissioners' Office.

NAME.	POSITION.	RESIDENCE.	SALARY.
J. SERGEANT CRAM.....	Commissioner (President)	17 E. 45th st.	\$6,000 00
CHARLES F. MURPHY.....	" (Treasurer)	322 E. 21st st.	5,000 00
PETER F. MEYER.....	"	190 Lenox ave.	5,000 00
William H. Burke.....	Secretary	38 W. 115th st.	4,800 00
Charles J. Farley.....	Assistant Secretary	128 E. 63d st.	3,000 00
John M. Phelan.....	Chief Clerk	451 E. 119th st.	3,000 00
Charles J. Collins.....	Clerk	333 E. 18th st.	2,000 00
Louis S. Kellogg.....	"	105 W. 40th st.	2,000 00
Edwin A. Gregory.....	"	388 Manhattan ave.	1,800 00
Daniel D. Barry.....	"	Elmhurst, L. I.	1,500 00
James Weir.....	Apportionment Clerk	Washington ave., S. I.	2,400 00
Robert F. Aram.....	"	520 W. 158th st.	1,500 00
Charles F. Friedman.....	Clerk to the Treasurer	36 E. 73d st.	1,500 00
George E. Weller.....	Private Secretary to the President	323 E. 150th st.	1,500 00
Francis McMullin.....	Private Secretary to Commissioner	123 E. 106th st.	1,500 00
Martin J. McInerney.....	Collector	55 Tompkins st.	1,800 00
Robert Gere.....	"	Yonkers, N. Y.	1,800 00
Francis J. Ryan.....	Stenographer and Type-writer	719 Greenwich st.	1,500 00
Richard B. Ross.....	Stenographer and Type-writer	3 W. 135th st.	1,200 00
Bernard V. Levey.....	Stenographer and Type-writer	181 W. 10th st.	1,200 00
Joseph F. Cadley.....	Stenographer and Type-writer	28 Third ave., Brooklyn	900 00
William J. Fay.....	Messenger	130 Edgecombe ave.	1,200 00
Bernard P. Gibney.....	"	639 E. 138th st.	900 00
Thomas C. Carroll.....	"	154 E. 49th st.	900 00
Mary Dowling.....	Cleaner	58 Gansevoort st.	540 00
Catharine Lyons.....	"	14 Division ave., Brooklyn	540 00
Mary F. Meyer.....	"	145 Greenwich st.	540 00
Annie Gerlach.....	"	307 Avenue C.	540 00

Dock Superintendent's Office.

William O'B. Walker.....	Dock Superintendent	11 W. 39th st.	\$3,000 00
Charles A. Manly.....	Asst. Dock Superintendent	162 McDonough street, Brooklyn	2,000 00
John T. Guy.....	Stenographer and Type-writer	335 E. 18th st.	1,200 00
Edward Abeel.....	Dock Master	1006 Bergen st., Brooklyn	1,500 00
Gerard Bancker.....	"	405 W. 22d st.	1,500 00
Walter O. Bolas.....	"	73 Conselyea st., Brooklyn	1,000 00
Thomas E. Booth.....	"	Vanderbilt Hotel.	1,500 00
Thomas Brady.....	"	204 Henry st.	1,500 00
William H. Burns.....	"	681 Lexington ave.	1,500 00
John Clark.....	"	200 W. 69th st.	1,500 00
Rufus Darrow, Jr.....	"	308 W. 91st st.	1,500 00
James J. Fleming.....	"	228 E. 13th st.	1,500 00
Thomas F. Geary.....	"	162 Hester st.	1,500 00
L. Hitch Harrison.....	"	198 Hudson st.	1,500 00
Victor Heimberger.....	"	271 E. 7th st.	1,500 00
Patrick Hennessey.....	"	391 Second ave.	1,500 00
Edwin F. Kennedy.....	"	71 E. 127th st.	1,500 00
Thomas Lusk.....	"	303 E. 86th st.	1,500 00
William J. Matthews.....	"	360 W. 51st st.	1,500 00
Martin Mauer.....	"	666 Sixth ave.	1,500 00
John R. Powers.....	"	355 W. 42d st.	1,500 00
William H. Rockwell.....	"	109 W. 78th st.	1,500 00
James G. Shand.....	"	319 E. 35th st.	1,500 00
Thomas P. Walsh.....	"	48 Madison st.	1,500 00
John J. White.....	"	89 E. 4th st.	1,500 00
Peter Woolley.....	"	538 E. 85th st.	1,500 00

Construction and Repairs.

NAME.	POSITION.	RESIDENCE.	SALARY.
John A. Benschel.....	Engineer-in-Chief	31 W. 56th st.	\$6,000 00
Chandler Davis.....	Assistant Engineer	30 East 39th st.	1,800 00
W. E. Belknap.....	"	1196 Pacific st., Brooklyn	3,000 00
S. W. Hoag, Jr.....	"	1718 Madison ave.	3,000 00
Allen N. Spooner.....	"	224 East 23d st.	2,400 00
William S. White.....	"	42 Macon st., Brooklyn	2,400 00
John M. Stewart.....	"	358 W. 58th st.	1,800 00
Harvey Farrington.....	"	Croton-on-Hudson	1,800 00
J. Garnett Bassinger.....	"	215 W. 29th st.	1,500 00
George A. Button.....	"	437 W. 57th st.	1,500 00
Harry C. DeLano.....	"	29 W. 104th st.	1,500 00
Henry C. Freeman.....	Clerk to Engineer-in-Chief	1362 Bergen st., Brooklyn	2,400 00
Berthold Sommer.....	Clerk	422 E. 50th st.	1,800 00
Patrick O'Sullivan.....	"	32 Renwick st.	900 00
Arthur Casson.....	"	139 E. 31st st.	1,000 00
Thomas B. Boone.....	"	83 Wilson st., Brooklyn	900 00
Norman W. Palmer.....	"	Honeywell ave. and 180th street	900 00
Frank M. Hale.....	"	49 W. 39th st.	900 00
Lucius C. Higgins.....	"	125 Richmond ave., Port Richmond, S. I.	600 00
John W. Ingalls.....	"	21 W. 65th st.	900 00
David H. Lane.....	"	Williamsbridge, Westchester County	900 00
Thomas P. T. Nash.....	Copyist from Manuscript	147 E. 33d st.	1,200 00
John J. Colleton.....	Junior Clerk	204 E. 30th st.	600 00
James E. Thorndike.....	Property Clerk	39 W. 35th st.	1,200 00
Effingham V. Smith.....	Timekeeper	57 W. 17th st.	1,500 00
Frederick Lange.....	Stationery Custodian and Messenger	253 Marion st., Brooklyn	900 00
Edward Gottschall.....	Searcher of Water Grants	183 E. 116th st.	2,000 00
Peter J. Quigley.....	"	172 E. 111th st.	1,500 00
Patrick H. Bird.....	Stenographer and Type-writer	515 W. 24th st.	1,200 00
William E. Bailey.....	Stenographer and Type-writer	309 W. 111th st.	1,200 00
Thomas J. Macvey.....	Stenographer and Type-writer	83 Madison st., Brooklyn	1,200 00
Thomas S. Callender.....	Stenographer and Type-writer	207 E. 57th st.	900 00
Charles W. Staniford.....	Surveyor	62 Berkeley pl., Brooklyn	3,500 00
John J. Herrick.....	Superintendent of Machinery	105 W. 129th st.	2,000 00
Edward E. McCarney.....	Superintendent of Repairs	1986 Third ave.	Per hour, 50
James C. Daly.....	Superintendent of Section	295 Avenue C.	2,000 00
Mortimer W. Casper.....	Inspector of Pier Building	169 S. 8th st.	Per hour, 50
John H. Rogers.....	"	19 Charles st.	50
George F. Ryan.....	"	208 Seventh st.	50
William White.....	"	68 Macdougall st.	50
Eli F. Macgowan.....	Inspector of Docks and Piers	358a Lafayette ave., Brooklyn	1,200 00
George W. Carpenter.....	Inspector of Dredging	Astoria, L. I.	1,200 00
George A. Dearborn.....	"	885 St. Nicholas ave.	1,200 00
Thomas H. Spooner.....	"	2229 Second ave.	1,200 00
Peter Taylor.....	Lumber Inspector	73 W. 88th st.	1,200 00
J. J. Jimenez.....	Inspector of Bulkhead Construction	566 Washington ave., Brooklyn	1,400 00
Norman B. Gardner.....	Mechanical Engineer	Garden City, L. I.	2,100 00
Samuel C. Brown.....	Mechanical Engineer and Draughtsman	42 E. 57th st.	1,200 00
John P. Nordstrom.....	Mechanical Engineer and Draughtsman	69 W. 115th st.	1,200 00
William C. Crosby.....	Topographical Draughtsman	Pelham Bay Park, Baychester, N. Y. C.	900 00
Joel J. Pemoff.....	Topographical Draughtsman	1670 Lexington ave.	1,200 00
Benjamin S. Wever.....	Topographical Draughtsman	Clinton, S. I.	1,800 00
Romeo T. Betts.....	Draughtsman	863 Jefferson ave., Brooklyn	Per day, 4 00
John A. Duntze.....	"	69 W. 105th st.	1,800 00
Frederick F. Fuess.....	"	576 Eleventh st., Brooklyn	1,200 00
Alexander M. Goge.....	"	926 Madison ave.	1,100 00
William G. Johnson.....	"	599 McDonough st., Brooklyn	1,200 00
Robert M. Kid.....	"	Arrochar, S. I.	1,800 00
Nicholas J. Vander Weyde.....	"	173 W. 83d st.	1,200 00
Ernest H. West.....	"	23 Gramercy Park	900 00
Hiram C. Calkins.....	Hydrographer	Fordham City	1,500 00
Patrick F. Crowley.....	"	691 Franklin ave., Brooklyn	1,200 00
John T. L. Doughty.....	"	Kingsbridge, N. Y. C.	1,200 00
William Bard Johnstone.....	"	New Brighton, S. I.	1,200 00
James J. White.....	"	241 Madison st.	1,500 00
William Lansing, Jr.....	Computer	35 W. 19th st.	1,500 00
George W. Tuttle.....	"	330 W. 57th st.	1,500 00
John T. Hilton.....	Transitman	247 W. 25th st.	1,200 00
J. Frank Johnson.....	"	503 Decatur st., Brooklyn	1,500 00
Thomas D. Stuyvesant.....	Captain of 100-ton Derrick	154 St. Ann's ave.	Per wk., 30 00
William Love.....	Captain of Pile Driver	553 E. Houston st.	Per hour, 45
James Bagley.....	Foreman of Laborers	209 W. 20th st.	35
Thomas F. Crawford.....	"	339 E. 18th st.	35
Edwin A. Gregory.....	"	388 Manhattan ave.	35
Gordon Hay.....	"	140 W. 61st st.	35
Patrick McCann.....	"	140 W. 31st st.	35
Thomas McGivney.....	"	433 E. 16th st.	35
John McSorley.....	"	414 Tenth ave.	35
John S. Markham.....	"	174 Hudson st.	40
John J. O'Rourke.....	"	228 First ave.	35
Frank Coughlin.....	Foreman of Dock Builders	560 W. 58th st.	35
Daniel Darby.....	"	463 W. 49th st.	40
Patrick Geoghegan.....	"	632 E. 135th st.	40
Henry McShane.....	"	117 E. 27th st.	40
Martin Miller.....	"	348 Pleasant ave.	50
Patrick H. Murray.....	"	439 W. 25th st.	40
Iver Petersen.....	Foreman of Scowmen	132 Fifty-seventh street, Brooklyn	Per wk., 20 00
Patrick White.....	Foreman of Piling and Woodwork	304 E. 37th st.	Per hour, 50
Edward T. DuBois.....	Foreman of E. 24th Street Yard	769 E. 176th st.	40

NAME.	POSITION.	RESIDENCE.	SALARY.	NAME.	POSITION.	RESIDENCE.	SALARY.
Robert M. Sterritt.....	Foreman of 57th Street Yard	Williamsbridge, Westchester Co.	\$1,500 00	James Allen.....	Machinist.....	Suburban st., Bedford P'k.	Per hour, \$0.35
John C. Wood.....	Engineer.....	161 W. 66th st.	Per mo. 125 00	John Dwyer.....	Machinist's Helper.....	431 W. 24th st.	" 25
William P. Baker.....	Engineman.....	736 Eighth ave.	Per hour, 35	Patrick Byrnes.....	Stonecutter.....	17 E. 118th st.	" 50
William J. Brennan.....	"	71 Bedford st.	" 35	John Carroll.....	"	217 W. Houston st.	" 50
Thomas F. Burns.....	"	346 E. 17th st.	" 35	John Denahy.....	" and Mason.....	39 Montgomery st.	" 50
John Canavan.....	"	392 E. 10th st.	" 30	Joseph F. Dunn.....	"	332 E. 39th st.	" 50
Dennis F. Eagan.....	"	71 W. 101st st.	" 35	Andrew Foster.....	" and Mason.....	309 E. 46th st.	" 50
John R. Grant, Jr.....	"	442 W. 45th st.	" 35	James Handy.....	"	Kirk pl. and Ryder ave., Fordham.	" 50
William T. Hall.....	"	285 W. 147th st.	" 35	Robert L. Humphries.....	"	238 W. 124th st.	" 50
James Harris.....	"	168 E. 102d st.	" 35	Owen McCabe.....	"	302 E. 30th st.	" 50
Thomas J. Joyce.....	"	306 W. 27th st.	" 35	James Meadoul.....	"	506 W. 29th st.	" 50
Tronson Kerr.....	"	4 E. 113th st.	" 35	John A. Ryan.....	" and Mason.....	863 Park ave.	" 50
Robert Kyles.....	"	426 Amsterdam ave.	" 45	Edward D. Saunders.....	"	217 W. Houston st.	" 50
George F. Lange.....	"	253 Marion st., Brooklyn.	" 35	Stephen Mullins.....	Mason's Helper.....	244 Columbus ave.	" 37 1/2
Franklin Macklin.....	"	468 W. 58th st.	" 35	David Henry Crum.....	Saw-filer.....	518 W. 47th st.	" 35
Isaac B. Maslen.....	"	108 W. 116th st.	" 35	Edward J. Flynn.....	"	145 W. 100th st.	" 35
Alfred J. Mayer.....	"	69 E. 105th st.	" 35	Edward F. Rush.....	"	451 W. 53d st.	" 35
Owen Mulligan.....	"	217 E. 89th st.	" 30	Henry Wenzel.....	"	136 Columbus st.	" 35
John Reid.....	"	210 E. 34th st.	" 35	Patrick McElligott.....	Paver.....	349 E. 78th st.	" 50
George Richards.....	"	341 E. 16th st.	" 30	James Ryan.....	"	162 E. 48th st.	" 50
William H. Rose.....	"	178 W. 128th st.	" 30	Joseph Fletcher.....	Pilot.....	468 W. 58th st.	Permo., 100 00
George A. Shevlin.....	"	313 E. 37th st.	" 30	John Golden.....	"	319 E. 65th st.	" 125 00
Z. C. Smith.....	"	2 W. 134th st.	" 35	John W. Crump.....	Recreation Pier Attendant.	106 W. 41st st.	900 00
James J. Barther.....	Pile Drivers' Engineman.	560 W. 58th st.	" 35	Thomas Ahearn.....	Messenger.....	36 Gouverneur st.	Per wk., 20 00
Frank Gallagher.....	"	237 East 106th st.	" 35	John Bergin.....	"	75 Broome st.	" 17 50
William J. Noonan.....	"	26 Cheever pl., Brooklyn.	" 35	Thomas F. Cregan.....	"	45 W. 117th st.	" 17 50
James D. Reid.....	"	2161 Eighth ave.	" 35	Max Drucker.....	"	Van Cortlandt, New York City.	900 00
Peter Gilligan.....	Diver.....	173 E. 117th st.	Per day, 5 00	Samuel Fitzpatrick.....	Office Keeper and Messenger.	46 West End ave.	Per wk., 15 00
Frank Paul.....	"	550 E. 143d st.	Per hour, 1 00	Louis T. Brennan.....	Roundsman.....	603 E. 141st st.	900 00
David Tullock.....	"	223 Madison st., Brooklyn	" 1 00	August Luerson.....	"	328 Lenox ave.	1,200 00
Joseph Wonneberg.....	"	245 E. 75th st.	" 1 00	Montford Clements.....	Watchman.....	452 W. 41st st.	Per hour, 16 1/2
Robert S. Russell.....	"	1730 Avenue A.	" 1 00	Patrick Donnelly.....	Watchman and Messenger.	61 Vesey st.	1,000 00
Patrick Griffin.....	Divers' Tender.....	508 W. 24th st.	Per hour, 35	John Gannon.....	Watchman.....	682 Tenth ave.	Per wk., 17 30
John R. Leary.....	"	445 Canal st.	" 35	Nicholas F. Kinnally.....	"	2185 Second ave.	Per hour, 16 1/2
Theodore F. Alling.....	Blacksmith.....	608 E. 14th st.	" 40	Henry P. Manheimer.....	"	86 E. 7th st.	" 16 1/2
Henry Heuer.....	"	2111 Third ave.	" 35	John Murray.....	"	341 E. 22d st.	" 16 1/2
Charles McLean.....	"	207 W. 60th st.	" 40	Edmund K. Stephens.....	"	516 E. 121st st.	Perwk., 17 50
John J. O'Rourke.....	"	270 E. 10th st.	" 35	William Strowbridge.....	"	55 Horatio st.	Per hour, 16 1/2
John Ronan.....	"	560 W. 58th st.	" 35	Jacob Bauer.....	Janitor.....	160 East Broadway.	1,200 00
George Schwenck.....	Blacksmith Helper.....	Stapleton, S. I.	" 35	John H. McGowan.....	Toolman.....	21 Charlton st.	Per hour, 23
James Gannon.....	"	276 Avenue B.	" 25				
James Garvin.....	"	543 E. 16th st.	" 25				
William Pickett.....	"	271 First ave.	" 25				
John Carey.....	Boatman.....	81 Ninth ave.	Per wk., 15 00				
Timothy Carroll.....	"	1495 Lexington ave.	" 15 00				
James Clark.....	"	53 Goerck st.	" 15 00				
Michael Clark.....	"	634 E. 13th st.	" 15 00				
William A. Danes.....	"	114 E. 123d st.	" 15 00				
James Golden.....	"	310 E. 39th st.	" 15 00				
John G. Kennedy.....	"	2137 Third ave.	" 15 00				
James H. King.....	"	15 Tompkins st.	" 15 00				
Thomas King.....	"	329 E. 48th st.	" 15 00				
John J. McGrane.....	"	419 W. 56th st.	" 15 00				
John Moran.....	"	16 Jackson st.	" 15 00				
Daniel Sullivan.....	"	59 Marion st.	" 15 00				
Thomas J. Sullivan.....	"	309 Spring st.	" 15 00				
Richard Cullen.....	Boat Builder.....	511 E. 83d st.	Per hour, 39				
Patrick J. Barnett.....	Sounder.....	62 Monroe st.	Per wk., 15 00				
Michael Barron.....	"	32 Spring st.	" 15 00				
John Bermingham.....	"	129 W. 56th st.	" 15 00				
Joseph Fitzgerald.....	"	1834 Lexington ave.	" 15 00				
James J. Gavin.....	"	344 First ave.	" 15 00				
Thomas F. Hynes.....	"	17 William st.	" 15 00				
Timothy Keenan.....	"	4 Goerck st.	" 15 00				
Gottlieb Lange.....	"	649 E. 13th st.	" 15 00				
Daniel Mann.....	"	240 E. 71st st.	" 15 00				
Jacob Miller.....	"	378 Front st.	" 15 00				
Frank Moss.....	"	273 Stanton st.	" 15 00				
Michael J. Quirk.....	"	320 W. 59th st.	" 15 00				
Peter Shaw.....	"	12 Broome st.	" 15 00				
William J. F. Sullivan.....	"	664 E. 135th st.	" 18 00				
John A. Benham.....	Chainman.....	Brooklyn ave., near Avenue I.	" 15 00				
Thomas J. Cronin.....	"	341 E. 55th st.	" 18 00				
James C. Darby.....	"	53 Cannon st.	" 20 50				
Stephen A. D. Denton.....	"	696 Washington st.	" 18 00				
James W. Dikeman, Jr.....	"	117 E. 114th st.	" 18 00				
Isaac J. McKinley.....	"	77 E. 119th st.	" 15 00				
William H. Reilly.....	"	409 E. 22d st.	" 20 50				
Charles W. Thompson.....	"	819 E. 5th st.	" 21 00				
Perry Thompson.....	"	51 W. 35th st.	" 15 00				
John O. Van Brackle.....	"	252 W. 133d st.	" 15 00				
Nicholas H. Voorhis.....	"	410 W. 28th st.	" 15 00				
John T. Walsh.....	"	835 Greenwich st.	" 18 00				
William H. Cherry.....	Leveler.....	59 Gouverneur st.	1,200 00				
William J. Crowley.....	"	341 Brook ave.	1,200 00				
Thomas S. Griffin.....	"	45 Leffert's pl., Brooklyn.	1,200 00				
William McDonald.....	"	Stapleton, S. I.	1,200 00				
John J. Boyle.....	Carpenter.....	112 E. 83d st.	1,200 00				
Charles Eagle.....	"	621 W. 51st st.	Per hour, 44				
Joseph Schmalacker.....	"	756 E. 165th st.	" 44				
Patrick Barrett.....	Ship Carpenter.....	179 Varick st.	" 39				
Jeremiah J. Crowley.....	"	1291 Columbus ave.	" 39				
Hugh Daly.....	"	604 E. 14th st.	" 39				
Bartholomew Donohue.....	"	525 W. 173d st.	" 39				
John R. Grant.....	"	451 W. 44th st.	" 39				
John H. Kelly.....	"	2183 Seventh ave.	" 39				
Joseph Kyle.....	"	299 W. 137th st.	" 39				
Daniel McLaughlin.....	"	71 Avenue D.	" 39				
Cornelius O'Connor.....	"	408 W. 58th st.	" 39				
Thomas Roberts.....	"	25 E. 135th st.	" 39				
James F. Ruggles.....	"	331 E. 8th st.	" 39				
John Williams.....	"	150 W. 101st st.	" 39				
Charles E. Beck.....	Scowman.....	74 S. 8th st.	Per wk., 15 00				
William F. Carroll.....	"	524 E. 96th st.	" 15 00				
Jeremiah Collins.....	"	300 E. 80th st.	" 15 00				
Ole Olsen.....	"	717 Tenth ave.	" 15 00				
Philip Stark.....	"	31 W. 132d st.	" 18 00				
James Van Houton.....	"	349 W. 49th st.	" 18 00				
John H. Ames.....	Deck-hand.....	543 W. 49th st.	Per mo., 50 00				
Garrett Benson.....	"	442 W. 26th st.	" 50 00				
Samuel Hearn.....	"	557 W. 57th st.	" 50 00				
James Casey.....	Caulker.....	813 Fifth st.	Per hour, 39				
John Collins.....	"	301 E. 41st st.	" 39				
Patrick Fleming.....	"	47 Rutgers st.	" 39				
William Harrigan.....	"	Whitestone, L. I.	" 39				
Justin McNamara.....	"	5 Willett st.	" 39				
William Ruggles.....	"	351 E. 88th st.	" 39				
Lawrence J. Welsh.....	"	434 E. 89th st.	" 39				
Joseph Devlin.....	Rigger.....	789 Second ave.	Per wk., 15 00				
John McCarthy.....	"	220 Monroe st.	" 15 00				
Michael Murray.....	"	330 W. 49th st.	" 15 00				
Thomas Reardon.....	"	92 Roosevelt st.	" 15 00				
Henry Head.....	Fireman.....	477 W. 57th st.	Per hour, 35				
James Vandegrift.....	"	73 Gansevoort st.	Per wk., 15 00				

N. B.—Persons employed by the hour are paid only for the time they are actually employed.

Dock Builders, 30 Cents Per Hour.

Abbott, Peter.	Dunne, Thomas.	Lafferty, Thomas.
Ahearn, Thomas.	Dwyer, Patrick H.	Lahey, John.
Aikenhead, Charles.	Earley, Thomas.	Lahey, Thomas.
Akerstrom, Edward.	Fabur, Louis.	Laine, Andrew W.
Akerstrom, Frederick.	Fairbrother, Alfred J.	Lancer, Richard.
Allen, Danforth L.	Falkey, Henry.	Landwehr, Herman.
Baird, Alexander.	Farley, Jr., Bernard F.	Laughton, John.
Balk, James.	Fifer, Frederick.	Lerch, Henry.
Barrett, James.	Finn, Thomas H.	Lewis, George.
Barrett, Patrick J.	Finnerty, Michael.	Liebermann, John.
Barry, Thomas F.	Fitzgerald, William.	Link, John H.
Bevine, Thomas.	Fitzgerald, William.	Long, William J.
Bloomer, George.	Fitzpatrick, Edward.	Love, John.
Bond, Charles A.	Fitzpatrick, John.	Lynch, Michael.
Brady, John J.	Fitzpatrick, William J.	Lynch, Patrick.
Brady, Patrick.	Fitzsimons, Patrick.	Lynch, Thomas F.
Brauer, John.	Flynn, Edward.	Lyons, Albert.
Brawley, John.	Flynn, Thomas.	McCabe, Thomas R.
Brennan, John.	Forbes, William.	McCaffery, James.
Brennan, Thomas J.	Forsyth, Arthur W.	McCann, Thomas.
Bremner, Daniel J.	Fox, John E.	McCann, William.
Brewer, William.	French, William Peter.	McCarthy, James.
Brown, Dunning.	Gately, Sr., John F.	McCarthy, Timothy.
Brown, Henry.	Gately, Jr., John F.	McDonald, Angus.
Burkitt, Thomas.	Gately, Patrick.	McDonald, Daniel.
Burns, James.	Gibbon, William.	McDonald, John.
Burns, John E.	Gibbons, William.	McDonald, James.
Byrne, John J.	Gillies, Duncan.	McDonald, Matthew.
Byrne, Peter J.	Gillies, Ronald.	McEaney, James.
Byrnes, Joseph.	Gilligan, John T.	McEntee, James.
Cahill, Thomas J.	Goode, Thomas J.	McGirr, Terence.
Canty, Patrick.	Graham, George V.	McGuire, John J.
Carlson, Wilhelm.	Grinnon, James E.	McHugh, John.
Carren, James.	Guilder, George W.	McInenly, James.
Carroll, Terence F.	Hagan, Joseph.	McInenly, John.
Cass, Robert T.	Handline, Thomas B.	McIntyre, John E.
Casey, John.	Hanley, Luke.	McIver, Peter.
Chisom, George.	Hanna, John W.	McKinley, James A.
Chisom, Stephen.	Harney, James.	McLain, John.
Cholan, Jonas O.	Harrigan, James.	McLoughlin, William G.
Christal, Maurice.	Hart, Owen J.	McLellan, Daniel.
Clark, Charles.	Hatton, John.	McLeod, Daniel.
Clark, Francis J.	Hayes, Michael.	McLeod, Neil.
Clark, Owen.	Heaney, Andrew.	McLoughlin, John B.
Clark, Thomas.	Heany, John J.	McMahon, John J.
Coar, Thomas.	Hennessey, Michael.	McManus, Joseph G.
Coffey, Matthew J.	Hetzel, Matthew.	McNicholl, William.
Collins, Stephen.	Hill, John O.	McPeck, Daniel.
Colton, James.	Hines, Alfred.	McShane, John.
Connolly, Michael.	Howard, Timothy.	Madison, Edward.
Conway, Patrick J.	Hughes, John.	Mahon, Andrew.
Costello, Dominick.	Hussey, Thomas J.	Mahon, James.
Cullen, James.	Hyland, Peter.	Malloy, Thomas.
Cumisky, Terence.	Jacobson, Oscar.	Manning, Martin.
Currie, Daniel.	Jenks, Nathaniel T.	Mannix, Martin.
Dale, George.	Johnson, Charles.	Mast, Christian.
Dally, William.	Johnson, Charles.	Meade, James F.
Dalton, John P.	Johnson, John R.	Miller, Otto.
Daniels, John.	Johnson, Peter.	Molloy, William.
Darby, Daniel, Jr.	Jordan, William.	Monahan, Michael.
Darby, George.	Kane, Daniel.	Monahan, Patrick.
Debus, George.	Kaufman, Nicholas.	Munson, William P.
Degnan, James.	Keely, Peter.	Mulgrew, James.
Deitz, William.	Kehoe, Martin.	Mulleady, John.
Delaney, Martin J.	Kelly, George.	Mullins, John.
Derouin, Frederick.	Kelly, Hugh.	Murphy, James.
De Temple, John.	Kelly, Thomas J.	Murphy, Patrick H.
De Temple, Joseph, Jr.	Kelty, Edward.	Murray, James.
De Temple, Martin.	Kennelly, Patrick.	Murray, John.
De Temple, Peter J.	Kenny, Thomas.	Nelson, George.
Dillon, Thomas F.	Kerrigan, William.	Newbegin, Wilson I.
Donahue, Peter.	Kiernan, Patrick J.	Newell, Alfred C.
Doyle, Henry.	Kilcarr, Thomas.	Nicholson, Michael.
Doyle, Joseph, No. 1.	Killeen, John J.	Noonan, William.
Drum, Matthew.	King, William J.	Norbeck, John.
Dugan, John.	Klaveness, Julius G.	O'Brien, Daniel.
	Knox, James.	O'Brien, John P.

O'Connell, James.
O'Connell, Morris.
O'Meara, Thomas.
Oakley, James.
Osborne, Joseph A.
Oakley, Robert J.
Owens, William F.
Page, Merwin J.
Person, John P.
Petersen, Peter.
Plaisted, Fred. A.
Porter, William.
Price, Allen.
Purdy, Thomas.
Redman, Thomas R.
Reeves, John.
Regan, Patrick.
Reilly, George C.
Reilly, John James.
Reynolds, Charles.
Rigney, Patrick.
Rode, John.
Rodgers, John J.
Rodgers, Michael.
Roler, John D.
Ross, Dominick.
Roth, Frederick W.
Rutledge, Thomas P.

Ryan, Cornelius.
Ryan, Joseph.
Ryan, Patrick.
Ryan, William.
Ryan, William.
Ryder, James J.
Ryder, John.
Sanders, Barnet.
Seirvin, Peter.
Severinson, Peter.
Shanahan, John J.
Shanley, Daniel.
Sharp, John Edward.
Sheehan, Michael.
Shine, Timothy F.
Sleeve, Nathan.
Smith, Herman.
Smith, James.
Sorby, Hugh.
Sparks, George.
Spillane, Edward.
Sponza, John M.
Stack, Michael R.
Stapleton, Michael.
Sullivan, James J.
Sullivan, Thomas.
Swanson, Charles.

Tevlin, Matthew.
Thompson, Peter.
Tosfield, William.
Tolsen, Theodore.
Tompkins, Oscar.
Tompkins, Samuel W.
Tormey, James.
Track, Henry.
Tracy, Michael.
Trenly, John F.
Vail, Joseph D.
Vesey, John.
Walsh, Martin.
Walsh, Thomas P.
Ward, William H.
Waters, John.
Weldon, William.
Wenzel, Lewis.
Wetherell, Wm. D.
White, Edward J.
Whalen, Joseph M.
Whalen, Patrick.
Wilson, Andrew.
Wilson, John.
Wilson, William.
Winters, John.
Woods, John T.

Kelly, Bernard F.
Kelly, Michael J.
Kelly, Patrick.
Kennedy, Edward A.
Kennedy, Frank.
Kennedy, John.
Kennedy, William J.
Kettle, Owen.
Kiernan, John.
Kiernan, John J.
Kimmey, Elvin M.
King, Thomas.
Kinney, Edward.
Kohnstener, Louis M.
Krauss, Morris.
Kreitler, Frank.
Kurz, Laurenz.
Lackey, Hugh.
Lamey, James J.
Lannon, John.
Larkin, Thomas J.
Lautenberg, Emil.
Lavery, Arthur.
Lawless, James.
Lawlor, John.
Lawson, William H.
Layden, Martin J.
Leamy, John J.
Leavy, John.
Lennon, Peter F.
Long, James.
Loughlin, Joseph.
Lowery, James.
Lynch, Daniel.
Lynch, Edward J.
Lynch, Owen.
Lynch, Owen.
McAvinche, Peter.
McBride, John.
McCabe, James.
McCabe, John.
McCann, Charles.
McCann, James.
McCann, Patrick.
McCann, Richard T.
McCarthy, Charles.
McCarthy, John.
McCarthy, Timothy F.
McCauley, Charles.
McCool, Joseph J.
McCormack, Arthur.
McCormack, Terence.
McCormack, William.
McCullough, Robert E.
McCullough, Thomas.
McDermott, George.
McDonald, Edward.
Gunn, William.
Gurrin, John.
Haggarty, Daniel.
Haggarty, James.
Halloran, Lawrence.
Halloran, Martin.
Halloway, Charles.
Hamilton, William.
Hampel, William.
Hanevy, John.
Hanifin, John.
Hanley, Martin M.
Hanratty, Bernard.
Harbert, Adolph.
Harrington, Patrick.
Hart, John.
Hartney, James.
Hauck, John.
Hauff, Christian.
Havanagh, John T., \$75 per month.
Haynes, William.
Heagen, Michael.
Heagney, Patrick.
Healey, James J.
Healey, William M.
Healy, Lawrence.
Heffernan, William.
Heller, Myer E.
Helmes, William A.
Hennessey, William.
Hennessey, William.
Herrlich, Christian.
Herwig, John.
Higgins, George T.
Hines, Peter.
Hoey, Thomas.
Hoffman, Ferdinand.
Hogan, Edward.
Hogan, Peter E.
Hogan, Thomas F.
Horan, John F.
Horan, William.
Howland, Henry A.
Hughes, Felix.
Hughes, Thomas J.
Huntington, Freeman F.
Hyatt, John E.
Inness, John F.
Irvine, Thomas.
Jackson, John.
Jackson, Thomas.
Johnston, Edward J.
Johnson, Thomas.
Johoda, Anton.
Jones, John.
Jordan, James J.
Jordan, William.
Kaefel, Christian.
Kane, John.
Kane, Lawrence.
Kass, Eugene S.
Kavanagh, William.
Kearney, Thomas.
Keating, James.
Keating, Joseph.
Keating, Nicholas.
Keating, Timothy.
Keefe, John J., \$18 per week.
Kehoe, Dennis.
Kehoe, William.
Keisler, William.
Kelch, Nicholas.
Kelleghan, William.

Manning, John.
Matthews, John J.
Mead, Thomas F.
Meagher, Joseph.
Meehan, Christopher.
Milligan, Frederick C.
Mimnaugh, Arthur J.
Mines, John P.
Mitchell, James.
Molloy, Patrick.
Moloney, John.
Monaghan, James.
Monaghan, John P.
Monaghan, Peter J.
Mooney, John J.
Mooney, Thomas J.
Moore, Charles A.
Moroney, John.
Morrison, Daniel.
Morton, Wright.
Mulcare, Thomas C.
Mulholland, William.
Mullen, John.
Mullen, Joseph F.
Mulqueen, Michael.
Murphy, Daniel.
Murphy, George.
Murphy, John.
Murphy, Patrick.
Murphy, Robert E.
Murray, John A.
Murray, Richard.
Myers, John F.
Naughton, Edward.
Naylor, John.
Noonan, Jeremiah.
Noonan, John.
Noonan, John.
Noonan, Michael.
Nulty, Patrick.
O'Brien, Edward.
O'Brien, James.
O'Brien, James E.
O'Brien, John.
O'Brien, John.
O'Brien, John T., \$75 per month.
O'Brien, Peter.
O'Brien, Raphael.
O'Connell, James.
O'Connell, Patrick J.
O'Connor, Bartholomew.
O'Connor, John J.
O'Dwyer, Patrick.
O'Flynn, Michael.
O'Grady, James.
O'Hare, Andrew.
O'Keefe, Michael.
O'Neil, Daniel.
O'Neil, Jeremiah.
O'Neil, John.
O'Neill, John J.
O'Neill, Michael F.
O'Rourke, James.
O'Rourke, Thomas F.
O'Toole, Thomas F.
Orr, James.
Packenham, Philip.
Parker, Maurice F.
Parker, William.
Perry, Richard.
Perry, Robert H.
Pertain, Charles.
Petit, Michael.
Poland, William J.
Pope, Charles F.
Priore, Francesco.
Pryor, James J.
Purcell, James.
Quigg, Joseph.
Quigley, Patrick.
Quinn, Michael.
Quinn, Peter.
Quinn, William.
Rafferty, Bernard.
Rafferty, George.
Rafferty, James.
Raftes, James.
Reardon, John M.
Redican, Michael.
Reed, Daniel J.
Regan, John.
Regan, John.
Reich, Samuel.
Reidy, Michael.
Reilly, James.
Reilly, Michael F.
Rein, John F.
Reisert, Jacob.
Rengstorf, Henry.
Reynolds, James.

Reynolds, John.
Reynolds, Lawrence.
Reynolds, Patrick.
Reynolds, Thomas, \$75 per month.
Riley, James A.
Riley, John.
Riordan, James.
Ritchie, John.
Roach, Daniel F.
Roach, John.
Roberts, Robert J., Jr.
Roche, Alexander.
Roche, John.
Roger, Arnold.
Ronan, John E.
Rubsam, Joseph.
Russo, Frances.
Russell, George.
Russell, Robert S.
Ryan, Frank D.
Ryan, Michael J.
Ryan, William.
Sarow, Julius.
Schaefer, William.
Schneidrum, Frederick.
Schoonmaker, Ellis.
Scullen, Patrick.
Seligmann, Simon.
Sent, Morris.
Severyn, Adolph.
Shaffer, George W.
Shanahan, Daniel F.
Shea, Michael.
Sheehan, Dennis.
Sheehan, Michael.
Sheehan, Timothy.
Sheerin, David.
Sheerin, William.
Sheridan, Edmund, \$17.50 per week.
Sheridan, Patrick T.
Simpson, Frank J.
Sismilich, Ferdinand.
Skelly, Nicholas W.
Smith, Andrew.
Smith, Bernard.
Smith, Edward.
Smith, Henry.
Smith, James.
Smith, John.
Smith, John.
Sonneheim, David.
Speier, Joseph.
Stadelberger, Harry, \$20 per week.
Stafford, Patrick.
Steele, James.
Stoechel, Alex.
Studley, Daniel.
Sullivan, Daniel.
Sullivan, Dennis.
Sullivan, John.
Sullivan, Stephen J.
Sullivan, Thomas F.
Sullivan, Timothy.
Sutton, James.
Swoboda, Franz.
Terhune, Frederick.
Thomas, Charles.
Thomas, Henry.
Thompson, James L.
Thomas, Solomon.
Turney, Thomas J.
Toole, Christopher.
Trainor, Joseph.
Traver, Chester P.
Tuohy, George.
Tyler, Herbert.
Verity, August.
Vielmann, John.
Vigor, George.
Wallach, Emanuel.
Walsh, Pierce.
Ward, Bernard.
Warren, David.
Welch, Michael.
White, James A.
White, Nicholas J.
Whitens, George W.
Whelan, Patrick.
Whelan, Richard.
Whelan, William.
Whalen, Edward M.
Wilbur, Willis M.
Williams, Leonard E.
Witt, John.
Woelfel, Frederick.
Wolf, Charles H.
Wood, Thomas P.
Woods, Patrick.

Laborers 23 Cents per Hour (Except as Otherwise Stated).

Ahearn, James.
Ahearn, John.
Ahearn, John.
Alart, James A.
Alf, Paul.
Allen, John.
Allen, Michael.
Anderson, James.
Armstrong, James J.
Armstrong, Phoenix B.
Atkinson, William.
Auer, John.
Baderschneider, George A.
Barrett, William.
Barr, John.
Barry, James.
Bartenberg, John.
Bartlett, John.
Bartunek, John.
Bayles, Turner H.
Beck, John A.
Behan, Michael.
Beneke, William C.
Benton, Charles A.
Blake, James.
Blome, Richard.
Boden, Edward M.
Boehm, Max.
Bohen, Patrick.
Boland, John.
Boone, Thomas B.
Bores, Lawrence F.
Bowen, John.
Brady, Bernard.
Brady, Patrick.
Brady, Thomas.
Brassel, John.
Braunbach, John.
Bray, John.
Brennan, John.
Brennan, John J.
Brennan, Thomas.
Brenner, Joseph.
Brookhouse, Joseph.
Browne, James A.
Brown, William S., \$17.30 per week.
Burke, John A.
Burke, Peter.
Burke, William J.
Burkitt, William.
Burns, Thomas.
Busteed, Edward P.
Butch, John.
Butler, Edward.
Butler, John.
Butler, Thomas.
Byrnes, Thomas.
Cagney, David.
Cain, Patrick.
Campbell, Joseph.
Caniff, Dennis.
Carey, William.
Carlos, Michael.
Carroll, Patrick.
Cash, Michael.
Cash, Patrick.
Cassens, John H.
Cavanaugh, Thomas.
Chapman, Andrew.
Churchill, Stephen T.
Clancy, Martin.
Clarkin, Peter.
Cleary, James F.
Cody, John.
Coffee, Phillip.
Coffey, Dennis.
Coffey, John.
Colbert, Roger F.
Cole, Jeremiah F.
Collins, Alexander.
Collins, James B.
Concannon, Michael.
Connolly, Thomas.
Connors, John.
Connors, John W.
Cooney, Matthew.
Corcoran, Martin.
Corker, Thomas.
Corrigan, John.
Cosgrove, James F.
Costello, John.
Coughlin, Matthew.
Cox, Frank.
Coyle, Michael.
Crawley, William.

Cray, Jeremiah P.
Crow, Thomas.
Crowley, Jeremiah.
Cuff, John.
Cullen, Peter.
Cully, John G.
Cummings, Bernard.
Cummings, James.
Cunningham, Michael.
Cunningham, Patrick, \$17.30 per week.
Curley, Thomas F.
Curry, Daniel.
Cusick, John H.
Daly, Charles J.
Daly, James.
Daly, James.
Davin, Patrick.
Deady, Frank.
Dean, Edward D.
Degnan, John.
Delaney, Dennis J.
Dermody, Thomas.
Desmond, John.
Deutsch, John.
Devine, William.
Dillon, Garrett.
Di Maio, Ferdinando.
Dinnin, William P.
Dohanev, William F.
Dolan, Robert.
Donnelly, Thomas D.
Donohue, Daniel J.
Donovan, Dennis.
Donovan, James.
Dooley, Patrick.
Doolling, John.
Doonan, James.
Doran, James.
Doris, James.
Dorney, Robert S.
Dougherty, Daniel.
Dougherty, George.
Dougherty, George.
Dowdell, John.
Doyle, Hugh.
Doyle, James.
Doyle, Patrick.
Duffy, Francis.
Dunkhorst, Louis.
Egan, Charles W.
Ellis, Nathaniel B., \$18 per week.
Fagan, Joseph.
Fallon, James P.
Fallon, Joseph, \$17.50 per week.
Farley, James.
Farrell, Edward J.
Farrell, Peter N.
Fenton, Thomas.
Ferber, Conrad.
Fink, John.
Finlay, Thomas F.
Finn, David.
Finnerty, George.
Fischer, Julius.
Fitzgerald, John, \$17.50 per week.
Fitzgerald, Joseph C.
Fitzgibbons, Michael.
Fitzgerald, Jeremiah.
Fitzpatrick, John J.
Fitzpatrick, Michael.
Fitzsimons, Michael.
Flaherty, Edward.
Flanagan, Michael.
Fleming, Edward.
Flynn, Daniel A.
Flynn, Joseph A.
Foley, Matthew.
Foley, Owen J.
Fuchs, Jacob.
Fullam, Patrick J.
Fuller, William.
Gallagher, Andrew.
Gallagher, Thomas.
Galvin, James.
Gately, Patrick.
Geraghty, Patrick.
Gerken, Charles.
Gillen, John.
Gillen, John.
Gilligan, James.
Gillison, George E.
Glavin, Charles.
Glickman, Adolph.

Glynn, John.
Golden, William.
Goldie, George.
Goldner, August.
Goldthwaite, William.
Gorman, Michael.
Gorman, Patrick.
Graham, Walter S.
Graham, William J.
Gravlin, Louis N.
Green, John.
Green, Morris.
Greenen, Edward, \$21 per week.
Gregory, Frank J.
Griffin, James.
Griffin, James.
Griffin, Martin.
Griffin, Patrick.
Gugliemo, Nicholas.
Guilfoyle, Michael S.
Guivan, William.
Gunn, William.
Gurrin, John.
Haggarty, Daniel.
Haggarty, James.
Halloran, Lawrence.
Halloran, Martin.
Halloway, Charles.
Hamilton, William.
Hampel, William.
Hanevy, John.
Hanifin, John.
Hanley, Martin M.
Hanratty, Bernard.
Harbert, Adolph.
Harrington, Patrick.
Hart, John.
Hartney, James.
Hauck, John.
Hauff, Christian.
Havanagh, John T., \$75 per month.
Haynes, William.
Heagen, Michael.
Heagney, Patrick.
Healey, James J.
Healey, William M.
Healy, Lawrence.
Heffernan, William.
Heller, Myer E.
Helmes, William A.
Hennessey, William.
Hennessey, William.
Herrlich, Christian.
Herwig, John.
Higgins, George T.
Hines, Peter.
Hoey, Thomas.
Hoffman, Ferdinand.
Hogan, Edward.
Hogan, Peter E.
Hogan, Thomas F.
Horan, John F.
Horan, William.
Howland, Henry A.
Hughes, Felix.
Hughes, Thomas J.
Huntington, Freeman F.
Hyatt, John E.
Inness, John F.
Irvine, Thomas.
Jackson, John.
Jackson, Thomas.
Johnston, Edward J.
Johnson, Thomas.
Johoda, Anton.
Jones, John.
Jordan, James J.
Jordan, William.
Kaefel, Christian.
Kane, John.
Kane, Lawrence.
Kass, Eugene S.
Kavanagh, William.
Kearney, Thomas.
Keating, James.
Keating, Joseph.
Keating, Nicholas.
Keating, Timothy.
Keefe, John J., \$18 per week.
Kehoe, Dennis.
Kehoe, William.
Keisler, William.
Kelch, Nicholas.
Kelleghan, William.

Kelly, Bernard F.
Kelly, Michael J.
Kelly, Patrick.
Kennedy, Edward A.
Kennedy, Frank.
Kennedy, John.
Kennedy, William J.
Kettle, Owen.
Kiernan, John.
Kiernan, John J.
Kimmey, Elvin M.
King, Thomas.
Kinney, Edward.
Kohnstener, Louis M.
Krauss, Morris.
Kreitler, Frank.
Kurz, Laurenz.
Lackey, Hugh.
Lamey, James J.
Lannon, John.
Larkin, Thomas J.
Lautenberg, Emil.
Lavery, Arthur.
Lawless, James.
Lawlor, John.
Lawson, William H.
Layden, Martin J.
Leamy, John J.
Leavy, John.
Lennon, Peter F.
Long, James.
Loughlin, Joseph.
Lowery, James.
Lynch, Daniel.
Lynch, Edward J.
Lynch, Owen.
Lynch, Owen.
McAvinche, Peter.
McBride, John.
McCabe, James.
McCabe, John.
McCann, Charles.
McCann, James.
McCann, Patrick.
McCann, Richard T.
McCarthy, Charles.
McCarthy, John.
McCarthy, Timothy F.
McCauley, Charles.
McCool, Joseph J.
McCormack, Arthur.
McCormack, Terence.
McCormack, William.
McCullough, Robert E.
McCullough, Thomas.
McDermott, George.
McDonald, Edward.
Gunn, William.
Gurrin, John.
Haggarty, Daniel.
Haggarty, James.
Halloran, Lawrence.
Halloran, Martin.
Halloway, Charles.
Hamilton, William.
Hampel, William.
Hanevy, John.
Hanifin, John.
Hanley, Martin M.
Hanratty, Bernard.
Harbert, Adolph.
Harrington, Patrick.
Hart, John.
Hartney, James.
Hauck, John.
Hauff, Christian.
Havanagh, John T., \$75 per month.
Haynes, William.
Heagen, Michael.
Heagney, Patrick.
Healey, James J.
Healey, William M.
Healy, Lawrence.
Heffernan, William.
Heller, Myer E.
Helmes, William A.
Hennessey, William.
Hennessey, William.
Herrlich, Christian.
Herwig, John.
Higgins, George T.
Hines, Peter.
Hoey, Thomas.
Hoffman, Ferdinand.
Hogan, Edward.
Hogan, Peter E.
Hogan, Thomas F.
Horan, John F.
Horan, William.
Howland, Henry A.
Hughes, Felix.
Hughes, Thomas J.
Huntington, Freeman F.
Hyatt, John E.
Inness, John F.
Irvine, Thomas.
Jackson, John.
Jackson, Thomas.
Johnston, Edward J.
Johnson, Thomas.
Johoda, Anton.
Jones, John.
Jordan, James J.
Jordan, William.
Kaefel, Christian.
Kane, John.
Kane, Lawrence.
Kass, Eugene S.
Kavanagh, William.
Kearney, Thomas.
Keating, James.
Keating, Joseph.
Keating, Nicholas.
Keating, Timothy.
Keefe, John J., \$18 per week.
Kehoe, Dennis.
Kehoe, William.
Keisler, William.
Kelch, Nicholas.
Kelleghan, William.

Manning, John.
Matthews, John J.
Mead, Thomas F.
Meagher, Joseph.
Meehan, Christopher.
Milligan, Frederick C.
Mimnaugh, Arthur J.
Mines, John P.
Mitchell, James.
Molloy, Patrick.
Moloney, John.
Monaghan, James.
Monaghan, John P.
Monaghan, Peter J.
Mooney, John J.
Mooney, Thomas J.
Moore, Charles A.
Moroney, John.
Morrison, Daniel.
Morton, Wright.
Mulcare, Thomas C.
Mulholland, William.
Mullen, John.
Mullen, Joseph F.
Mulqueen, Michael.
Murphy, Daniel.
Murphy, George.
Murphy, John.
Murphy, Patrick.
Murphy, Robert E.
Murray, John A.
Murray, Richard.
Myers, John F.
Naughton, Edward.
Naylor, John.
Noonan, Jeremiah.
Noonan, John.
Noonan, John.
Noonan, Michael.
Nulty, Patrick.
O'Brien, Edward.
O'Brien, James.
O'Brien, James E.
O'Brien, John.
O'Brien, John.
O'Brien, John T., \$75 per month.
O'Brien, Peter.
O'Brien, Raphael.
O'Connell, James.
O'Connell, Patrick J.
O'Connor, Bartholomew.
O'Connor, John J.
O'Dwyer, Patrick.
O'Flynn, Michael.
O'Grady, James.
O'Hare, Andrew.
O'Keefe, Michael.
O'Neil, Daniel.
O'Neil, Jeremiah.
O'Neil, John.
O'Neill, John J.
O'Neill, Michael F.
O'Rourke, James.
O'Rourke, Thomas F.
O'Toole, Thomas F.
Orr, James.
Packenham, Philip.
Parker, Maurice F.
Parker, William.
Perry, Richard.
Perry, Robert H.
Pertain, Charles.
Petit, Michael.
Poland, William J.
Pope, Charles F.
Priore, Francesco.
Pryor, James J.
Purcell, James.
Quigg, Joseph.
Quigley, Patrick.
Quinn, Michael.
Quinn, Peter.
Quinn, William.
Rafferty, Bernard.
Rafferty, George.
Rafferty, James.
Raftes, James.
Reardon, John M.
Redican, Michael.
Reed, Daniel J.
Regan, John.
Regan, John.
Reich, Samuel.
Reidy, Michael.
Reilly, James.
Reilly, Michael F.
Rein, John F.
Reisert, Jacob.
Rengstorf, Henry.
Reynolds, James.

Reynolds, John.
Reynolds, Lawrence.
Reynolds, Patrick.
Reynolds, Thomas, \$75 per month.
Riley, James A.
Riley, John.
Riordan, James.
Ritchie, John.
Roach, Daniel F.
Roach, John.
Roberts, Robert J., Jr.
Roche, Alexander.
Roche, John.
Roger, Arnold.
Ronan, John E.
Rubsam, Joseph.
Russo, Frances.
Russell, George.
Russell, Robert S.
Ryan, Frank D.
Ryan, Michael J.
Ryan, William.
Sarow, Julius.
Schaefer, William.
Schneidrum, Frederick.
Schoonmaker, Ellis.
Scullen, Patrick.
Seligmann, Simon.
Sent, Morris.
Severyn, Adolph.
Shaffer, George W.
Shanahan, Daniel F.
Shea, Michael.
Sheehan, Dennis.
Sheehan, Michael.
Sheehan, Timothy.
Sheerin, David.
Sheerin, William.
Sheridan, Edmund, \$17.50 per week.
Sheridan, Patrick T.
Simpson, Frank J.
Sismilich, Ferdinand.
Skelly, Nicholas W.
Smith, Andrew.
Smith, Bernard.
Smith, Edward.
Smith, Henry.
Smith, James.
Smith, John.
Smith, John.
Sonneheim, David.
Speier, Joseph.
Stadelberger, Harry, \$20 per week.
Stafford, Patrick.
Steele, James.
Stoechel, Alex.
Studley, Daniel.
Sullivan, Daniel.
Sullivan, Dennis.
Sullivan, John.
Sullivan, Stephen J.
Sullivan, Thomas F.
Sullivan, Timothy.
Sutton, James.
Swoboda, Franz.
Terhune, Frederick.
Thomas, Charles.
Thomas, Henry.
Thompson, James L.
Thomas, Solomon.
Turney, Thomas J.
Toole, Christopher.
Trainor, Joseph.
Traver, Chester P.
Tuohy, George.
Tyler, Herbert.
Verity, August.
Vielmann, John.
Vigor, George.
Wallach, Emanuel.
Walsh, Pierce.
Ward, Bernard.
Warren, David.
Welch, Michael.
White, James A.
White, Nicholas J.
Whitens, George W.
Whelan, Patrick.
Whelan, Richard.
Whelan, William.
Whalen, Edward M.
Wilbur, Willis M.
Williams, Leonard E.
Witt, John.
Woelfel, Frederick.
Wolf, Charles H.
Wood, Thomas P.
Woods, Patrick.

Total number of Laborers.....	580
Total number of Dock Builders.....	313
Total number of employees, exclusive of Laborers and Dock Builders.....	307
Total.....	1,200

N. B.—Persons employed by the hour are paid only for the time they are actually employed.

SECOND—A STATEMENT OF THE ACTIONS OF THE BOARD FOR THE PAST YEAR.

REVENUES AND EXPENDITURES.

The total gross revenue of the Department for the year ending December 31, 1898, amounted to \$2,498,330.68, distributed as follows: From leased wharves and wharfage, \$2,027,126.20; from ferry rents and franchises, \$364,793.46; and from all other sources, \$106,411.02.

The expenditures during the same period were \$3,452,890.47. Of this amount \$1,936,105.36 was expended for the work of construction; \$1,187,840.43 was paid for wharf property; the sum of \$249,588.56 was spent in repairs; while the general expenses of the Department amounted to \$79,356.12.

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 YEAR ENDING DECEMBER 31, 1898.

No.	DESCRIPTION OF CONTRACT.	NAME OF CONTRACTOR.	CONTRACT PRICE.	DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT PAID TO DEC. 31, 1898.
614	Repairing and extending Pier at West One Hundred and Twenty-ninth street, N. R.	Gildersleeve & Rolf.	Class I.: \$31.433; Class II.: 45 cents per cubic yard.	Jan. 21, 1898	Feb. 24, 1898	Dec. 6, 1898	\$40,957 25
619	Dredging at sundry places on North river.	Morris & Cumings Dredging Co.	19 1/2 cents per cubic yard.	May 13, 1898	May 24, 1898	Dec. 31, 1898	62,159 04
626	Building Pier foot of East Fourth street, E. R.	John W. Flaherty.	\$10,446 00	Mar. 4, 1898	Mar. 23, 1898	June 30, 1898	10,446 00
627	Repairing and extending Pier at West Fiftyth street, N. R.	John Monks & Son.	\$46,921 42	Feb. 4, 1898	Feb. 26, 1898	Aug. 20, 1898	46,921 42
628	Furnishing anthracite coal.	A. M. Wittenberg.	\$3.93 per ton.	Mar. 4, 1898	Mar. 16, 1898	June 6, 1898	2,731 62
629	Dredging between Battery and West Thirty-fourth street, N. R.	Atlantic Dredging Co.	17 1/2 cents per cubic yard.	May 13, 1898	May 18, 1898	Apr. 14, 1899	16,078 56
630	Building crib-bulkhead between West One Hundred and Thirty-fifth and West One Hundred and Thirty-seventh streets, N. R.	Spearin & Preston.	\$20,750 00	July 11, 1898	July 25, 1898	Dec. 14, 1898	20,650 00
631	Recreation Pier foot of Second street, Brooklyn.	Not yet awarded.					
632	Dredging at Barclay street and Park place.	Edward S. Walsh.	Class I.: 18 cents per cubic yard; Class II.: 40 cents per cubic yard.	May 13, 1898	June 2, 1898	{ 50 days after notification to begin... }	1,429 00
633	Dredging north of West Thirty-fourth street, N. R.	International Contracting Co.	14 1/2 cents per cubic yard.	May 27, 1898	July 1, 1898	Nov. 25, 1898	14,735 55
634	Furnishing anthracite coal.	William C. Moquin.	\$3.87 per ton.	June 24, 1898	June 27, 1898	Dec. 8, 1898	2,830 54
635	Furnishing granite.	A. C. Gildersleeve.	94 1/2 cents per cubic foot.	July 1, 1898	Aug. 10, 1898	Mar. 1, 1899	4,718 69
636	Furnishing sawed yellow pine.	Cooney, Eckstein & Co.	\$15.59 per thousand.	July 29, 1898	Aug. 8, 1898	Jan. 6, 1899	5,223 56
637	Dredging at Watts street section, N. R.	James R. Steers.	Class I.: 18 cents per cubic yard; Class II.: \$1 per cubic yard.	Aug. 5, 1898	Aug. 10, 1898	{ 40 days after notification to begin... }	6,856 28
638	Dredging north of West Thirty-fourth street, N. R.	Edward S. Walsh.	11 3/4 cents per cubic yard.	Sept. 30, 1898	Oct. 12, 1898	June 1, 1899	5,346 10
639	Building Pier foot of Watts street, N. R.	Henry D. Steers.	Class I.: \$38.820; Class II.: \$2,650; Class III.: 38 cents per cubic yard.	Sept. 2, 1898	Sept. 8, 1898	Mar. 13, 1899	12,139 17
640	Furnishing granite.	Michael McGrath.	Class I.: 89 cents per cubic foot; Class II.: \$1.19 per cubic foot.	Dec. 2, 1898	Dec. 12, 1898	June 1, 1899	.....
641	Furnishing sawed yellow pine.	Cooney, Eckstein & Co.	\$15.93 per thousand.	Dec. 2, 1898	Dec. 12, 1898	Apr. 23, 1899	.....
642	Furnishing about 4,000 piles.	Naughton & Co.	\$18, \$15 and \$12.50 each.	Dec. 16, 1898	Dec. 20, 1898	June 5, 1899	.....
643	Furnishing sawed spruce.	Bids rejected December 16, 1898.					
644	Dredging in vicinity of Catherine street, E. R.	Morris & Cumings Dredging Co.	\$4,690 00	Dec. 23, 1898	Jan. 6, 1899	Feb. 24, 1899	.....
645	Building Pier foot of Catherine street, E. R.	John Monks & Son.	\$25,989 00	Dec. 31, 1898	Jan. 5, 1899	Apr. 5, 1899	.....
646	Furnishing anthracite coal.	Geo. W. Winant & Son.	\$3.88 per ton.	Dec. 16, 1898	Dec. 29, 1898	Mar. 31, 1899	.....

STATEMENT OF REVENUES AND DISBURSEMENTS.

Account with The City of New York and Balance Sheet for December 31, 1898.

STATEMENT OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS AND FERRIES FOR THE YEAR ENDING DECEMBER 31, 1898.

I.—REVENUE:

1. Amount of accrued rents uncollected December 31, 1897, as per report for the eight months ending that date.	\$1,867 27
2. To lessees of ferry franchises and city wharf property used for ferry purposes.	364,793 49
3. Rents accrued during the year 1898 from leased city wharf property, and for land under water covered by wharf improvements erected by permission of the Department.	\$1,900,205 46
4. Wharftage collected within the year from unleased city wharf property.	126,920 74
5. Miscellaneous receipts.	2,027,126 20
6. Claims for unpaid rents placed in hands of Corporation Counsel prior to December 31, 1897, collected during the year 1898.	106,411 02
	5,814 71
	\$2,506,012 66

II.—DISTRIBUTION:

Cash—

Deposited during the year 1898 with the City Chamberlain:

1. To credit of the Sinking Fund for the Redemption of the City Debt.	\$2,009,733 08
2. To credit of the Sinking Fund for the Payment of Interest on the City Debt.	364,793 46
3. To credit of the Dock Fund.	106,000 31
4. To credit of the General Fund.	410 71
Total amount deposited with the Chamberlain.	\$2,480,937 56
Claims sent to the Corporation Counsel for collection.	12,002 37
Sundry unpaid rents.	13,072 73
	\$2,506,012 66

REVENUE SHOWN BY BOROUGHES.

Manhattan.	\$2,485,038 14
Bronx.	1,950 53
Brooklyn.	18,591 04
Queens.	132 95
Richmond.	300 00
Total.	\$2,506,012 66

DOCK BONDS.

Total amount of Dock Bonds and Corporate Stock of The City of New York, directed to be issued by the Commissioners of the Sinking Fund, for the uses and purposes of the Department, from the date of its organization in May, 1876, to December 31, 1898.

\$37,728,294 54

DOCK FUND.

I.—RECEIPTS:

1. Balance in hands of Comptroller December 31, 1897, for the uses and purposes of this Department as per report, for the eight months ending December 31, 1897.	\$978,449 66
2. Amount of Corporate Stock directed to be issued by the Commissioners of the Sinking Fund.	3,675,294 54
3. Amount of premiums on Corporate Stock sold by the Comptroller.	79,040 00
4. Deductions made by Finance Department from audited bills and claims from organization of Department of Docks to December 31, 1897.	7,128 10
5. Amount received during the year and deposited with the Chamberlain, for the uses and purposes of the Department, being reimbursements for the costs of repairs to wharf properties made for lessees, private owners and others, and for the use of the Department appliances and dumping grounds, furnishing maps, tracings, etc.	106,000 31
	\$4,845,912 61

II.—EXPENDITURES:

Amount of bills and claims audited in and during the year ending December 31, 1898, and transmitted to the Finance Department for payment, being for materials and supplies furnished and for services rendered to this Department, to wit:

1. For Construction—	
For bills and claims audited as per Schedule B.	\$1,320,449 08
As per Schedule C:	
Salaries of the Commissioners.	16,000 00
Salaries of the Construction Force.	123,730 93
Weekly pay-rolls of Captains, Engineers, Crews and Watchman on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters and Masons, etc., on Construction Force.	475,925 35
	\$1,936,105 36

II.—EXPENDITURES:

2. For General Repairs—

For bills and claims audited as per Schedule D.

\$152,138 76

As per Schedule E:

Pay-rolls of Dock Builders, Watchmen, Carpenters, Inspectors and Engineers on General Repairs Force.

97,449 80

\$249,588 56

3. For Annual Expense—

For bills and claims audited as per Schedule F.

\$5,373 52

As per Schedule G:

Salaries of officers and appointees.

73,982 60

79,356 12

As per Schedule H:

4. For Acquired Property—

For property acquired.

1,187,840 43

\$3,457,890 47

III.—BALANCE:

Amount of proceeds of Corporate Stock in the hands of the Comptroller on December 31, 1898, for use of this Department.

\$1,393,022 14

Audited disbursements on Wallabout Fund Account during the year 1898:

Bills and claims.

\$60,257 39

Weekly and monthly pay-rolls.

9,372 84

\$69,630 23

New York, December 31, 1898.

Respectfully submitted to the Board,

JOHN M. PHELAN, Chief Clerk.

The City of New York in Account with the Board of the Department of Docks and Ferries DR. for the Year Ending December 31, 1898. CR.

To deposits of money with the Chamberlain.	\$2,480,937 56	By balance December 31, 1897, as per report for eight months ending that date.	\$9,385,410 74
To difference between amount of claim for unpaid rent and amount for which judgment was obtained.	01	By ferry rent.	364,793 46
To bills and claims audited for materials and supplies furnished, and for services rendered, to wit:		By dock and slip rent.	2,027,126 20
On Construction Account.	1,936,105 36	By Corporate Stock directed to be issued by Commissioners of the Sinking Fund.	3,675,294 54
On General Repairs Account.	249 588 56	By premium on Corporate Stock.	79,040 00
On Annual Expense Account.	79,356 12	By interest on unpaid rents to dates judgments were filed.	504 72
Balance carried forward.	11,005,721 48	By deductions made by Finance Department from audited bills and claims to December 31, 1897.	7,128 10
		By Reimbursements of cost of repairs, etc., made for lessees, private owners and others and for use of Department plant.	95,399 81
		By sale of maps.	80 50
		By sale of old material.	410 71
		By sale of filling-in privileges.	10,500 00
		By cement tests.	20 00
		By moneys credited to Dock Fund.	106,000 31
	\$15,751,709 09		\$15,751,709 09

DR.

Balance Sheet December 31, 1898.

CR.

Acquired property.	\$9,089,465 45	The City of New York.	\$11,005,721 48
Floating plant (as per Schedule I).	282,875 00		
Dock Fund.	1,393,022 14		
Contingent Fund.	1,000 00		
Judgments obtained (as per Schedule J).	128,527 94		
Sundry claims for unpaid rents in hands of Corporation Counsel for collection (as per Schedule K).	97,758 22		
Sundry unpaid rents.	13,072 73		
	\$11,005,721 48		\$11,005,721 48

SCHEDULE A.
LEDGER BALANCES DECEMBER 31, 1898.

DR.	LEDGER FOLIO.		CR.
\$9,089,465 45	1	Acquired Property.....	
79,356 12	3	Annual Expense.....	
1,936,105 36	5	Construction.....	
249,588 56	7	General Repairs.....	
1,287,021 83	9	Dock Fund.....	
	11	Dock and Slip Rent.....	\$2,027,126 20
	13	The City of New York.....	13,147,378 09
2,180,937 56	15	Patrick Keenan, City Chamberlain.....	
	19	Ferry Rents.....	364,793 46
1,000 00	24	Contingent Fund.....	
282,875 00	25	Floating Plant.....	
128,527 94	27	Judgments Obtained.....	
97,758 22	29	Unpaid Rents in hands of Corporation Counsel.....	
	33	Repairs, etc., for Lessees and Others.....	95,399 81
	35	Sale of Maps.....	80 50
	37	Filling-in Privileges.....	10,500 00
	41	Cement Tests.....	20 00
	43	Sale of Old Material.....	410 71
118 75	56	American Malting Company.....	
25 00	61	Blumenauer, William.....	
187 50	63	Brooks, Wm., Son & Co.....	
18 75	81	Brinkman, D.....	
847 50	85	Cunningham, Thomas, Assignee.....	
2,950 00	91	Consolidated Ice Company.....	
125 00	145	Dodd, J. Parker.....	
100 00	183	Hazelwood Ice Company.....	
29 17	237	Kane, M., & Son.....	
600 00	258	McGirr, William J.....	
37 50	263	Murphy, Geo. C.....	
187 50	276	Mehrbach, Solomon.....	
548 62	303	New York, New Haven and Hartford Railroad Company.....	
25 00	338	New York Brick and Paving Company.....	
6,934 94	345	Oceanic Steam Navigation Company.....	
125 00	381	Peck, H. A., & Co.....	
62 50	421	Smith, Katherine.....	
125 00	430	Shanley & Ryan.....	
25 00	445	Union Ice Company.....	
\$15,615,708 77			\$15,645,708 77

SCHEDULE B.

BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

Advertising.		
"Das Morgen Journal".....	\$204 00	
"Evening Sun".....	220 20	
"Harper's Weekly".....	88 40	
"Irish American".....	57 60	
"Journal".....	318 40	
"Mail and Express".....	76 20	
"Press".....	100 00	
"Telegraph".....	350 40	
"Tribune".....	88 00	
"Weekly Union".....	52 00	
"News".....	322 20	
	\$1,886 40	
Building Piers, Bulkheads, etc.		
Flaherty, John W.....	\$10,446 00	
Gildersleeve & Rolf.....	40,957 25	
Grattan & Jennings.....	33,136 84	
Monks, John & Son.....	40,921 42	
Preston, Edward L.....	92,750 00	
Rogers, George W.....	24,875 00	
Ross, P. Sanford.....	60,811 56	
Spearin & Preston.....	20,650 00	
Staats, R. P.....	88,807 65	
Steers, Henry D.....	109,219 04	
Walsh, Edward S.....	18,000 00	
	546,574 76	
Cement, Sand, Granite, Broken Stone, Rip-rap and Cobble.		
Atlas Cement Company.....	\$2,003 46	
Brown & Fleming.....	26,820 94	
Gildersleeve, A. C.....	4,718 69	
Hinchcliffe, John.....	8,188 54	
Kane & Co., J. P.....	25,680 00	
Murray & Co.....	58,571 38	
Sheridan & Shea.....	945 00	
	126,928 01	
Coal.		
Duffy, P. H., & Son.....	\$174 00	
Herbert, H. L., & Co.....	182 50	
Moquin, W. C.....	5,008 54	
Owens & Co.....	482 30	
Wittenberg, A. M.....	2,731 62	
Wynn Bros.....	1,791 03	
	10,369 99	
Drawing Material, Surveyor's Instruments, etc.		
Devoe & Reynolds.....	\$1,062 24	
Keuffel & Esser Co.....	14 50	
Seth Thomas Clock Company.....	99 00	
Stackpole & Bro.....	140 00	
	1,315 74	
Dredging.		
Morris & Cumings Dredging Company.....	\$62,159 04	
Packard, R. G.....	7,764 01	
Ross, P. Sanford.....	19,061 36	
Steers, James R.....	6,856 28	
Walsh, Edward S.....	1,427 49	
	97,268 18	

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

Babcock & Wilcox Company.....	\$30 00
Blake Manufacturing Company.....	219 40
Brown & Miller.....	35 00
Burt & Mitchell.....	135 00
Consolidated Gas Company.....	69 32
Consolidated Ice Company.....	185 96
Drew, H. P.....	3,059 85
Foersch, Charles.....	992 31
Gas-engine and Power Company.....	23 30
Goodyear India Rubber Company.....	54 00
Hall, G. P., & Son.....	187 00
Hardy & Tierney.....	15 00
Hodgman Rubber Company.....	529 20
Hull, Grippen & Co.....	96 00
Keating, E. F.....	435 28
Kelly, Thomas.....	165 00
Lidgerwood Manufacturing Company.....	210 00
Loyd, John.....	30 00
Luerson, Augustus.....	195 74
Manhattan Supply Company.....	86 10
Marine Vapor and Engine Company.....	1,800 00
Montgomery & Co.....	519 99
Motley, J. M.....	138 74
Mount Morris Electric Company.....	71 66
Murphy, Charles F. (employees' car fare, etc.).....	3,553 64
National Contracting and Supply Company.....	752 00
New York Roofing Company.....	168 50
New York Telephone Company.....	3,203 00
New York and New Jersey Telephone Company.....	136 03
Parsons, H. C.....	671 00
Pollock, Alexander.....	40 38
Rhoads, B. F., Jr., & Co.....	60 00
Richards, J., & Son.....	43 20
Riehle, John M.....	1,287 50
Ryan, Timothy.....	50 00
Secretary of State.....	607 45
Schrader's, A., Son.....	43 06
Stafford, N.....	4 50
State Prisons.....	319 81
Sullivan, John W.....	200 00
Sussman, B.....	33 50
Valley, P. W.....	253 78
Ward, Mrs.....	18 00
Warren Chemical and Manufacturing Company.....	248 92
Woolley, Peter.....	424 83
Wynn, James.....	33 00
Yawman & Erbe Manufacturing Company.....	94 50
	\$21,530 45
<i>Iron, Steel, Spikes, Bolts, Washers and Mooring Posts.</i>	
Clements, C. J.....	\$552 50
Cornell, J. B. & J. M.....	839 00
Drew, H. P.....	2,613 74
Foersch, Charles.....	1,379 06
Hall's, Isaac, Son.....	320 01
Keating, E. F.....	2,991 97
National Bolt, Nut and Rivet Works.....	2,064 71
National Contracting and Supply Company.....	1,599 18
Ogden, J. E.....	1,167 22
Patrick, John H.....	412 21
Rogers, H. A.....	286 30
	14,225 90
<i>Lumber and Piles.</i>	
Carroll Box and Lumber Company.....	\$1,108 29
Cooney, Eckstein & Co.....	5,223 56
East River Mill and Lumber Company.....	190 98
Gilson, Collins & Co.....	3,150 22
Hirsch, C. S., & Co.....	67,007 23
Kimpland, C. N.....	11,110 00
Moore, J. C.....	3,447 20
Murray, A. J.....	3,230 00
Naughton & Co.....	75,731 50
Norfolk Hardwood Lumber Company.....	22,096 80
Orr, J. C., & Co.....	4,484 97
Rennolds, J. A., & Bro.....	6,332 10
Sidway, W. H.....	56 04
Southern Pine Company.....	82,577 72
Steers, H. D.....	9,555 75
Walsh, Jno. F., Jr.....	881 00
	296,183 36
<i>Paints, Oils, etc.</i>	
Dunham, Thomas C.....	\$331 67
Drew, H. P.....	384 50
Meehan, P. A.....	51 00
Union Excelsior Lubricating Company.....	1,861 51
	2,628 68
<i>Paving.</i>	
Costello, Patrick.....	\$4,884 90
New York Sand and Gravel Company.....	21,980 00
O'Grady, Cornelius.....	1,900 26
Plunkett, G. W.....	967 00
Sheehan, John M.....	2,293 00
	32,025 16
<i>Printing, Stationery, etc.</i>	
Brown Company, Martin B.....	\$898 36
Gerry and Murray.....	1,114 60
Mitchell, W. P., & Son.....	127 22
	2,140 18
<i>Recreation Buildings.</i>	
Bruning, Charles.....	\$147 00
Grace & Hyde Company.....	42,139 00
Hood, R. H.....	87,233 00
Kendall, Ed. H.....	3,796 19
New York Multi-color Copying Company.....	36 00
Price & Carl.....	18,948 00
Rhoads, B. F., Jr., & Co.....	312 50
Ryan and Bowler.....	1,125 00
Young and Schminke.....	375 00
	154,111 69
<i>Rope.</i>	
American Railroad Mechanical Supply Company.....	\$1,285 96
DeGrauw, Aymar & Co.....	106 28
Drew, H. P.....	1,479 50
Keating, E. F.....	2,352 78
National Contracting and Supply Company.....	910 93
	6,135 45
<i>Towing.</i>	
Kuper, G. D., & Bro.....	\$190 00
Moran Towing Company.....	245 80
O'Neil, Chas J.....	4,380 82
Vierous Towing Company.....	2,308 51
	7,125 13
	\$1,320,449 08

SCHEDULE C.

SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

J. Sergeant Cram, President.	\$6,000 00
Charles F. Murphy, Treasurer.	5,000 00
Peter F. Meyer.	5,000 00
	<u>\$16,000 00</u>
<i>Construction.</i>	
George S. Green, Jr.	\$48 39
John A. Bense.	5,951 61
Andrew McC. Parker.	375 00
Godfrey P. Farley.	250 00
S. W. Hoag, Jr.	3,000 00
Allan A. Spooner.	2,400 00
William S. White.	2,400 00
Joseph W. Baler.	203 57
Chandler Davis.	1,650 00
Harvey Farrington.	1,800 00
John M. Stewart.	1,800 00
J. Garnett Baesenger.	1,500 00
George A. Button.	1,500 00
Harry C. DeLano.	750 00
Charles W. Stanford.	3,208 33
John T. Hilton.	1,297 75
J. Frank Johnson.	1,495 83
William H. Cherry.	1,200 00
William J. Crowley.	1,200 00
William McDonald.	1,200 00
William Lansing, Jr.	1,500 00
George W. Tuttle.	1,275 00
Hiram C. Calkins.	1,500 00
Thomas S. Griffin.	700 00
James J. White.	1,500 00
Patrick F. Crowley.	1,196 67
J. T. L. Doughty.	1,200 00
William B. Johnston.	1,151 61
Samuel C. Brown.	1,200 00
Patrick O'Sullivan.	122 50
John P. Nordstrom.	1,200 00
Benjamin S. Wever.	1,800 00
Joel J. Pinoff.	1,200 00
William C. Crosby.	900 00
Robert M. Kid.	1,800 00
John A. Duntze.	1,800 00
William G. Johnson.	1,200 00
Nicholas J. Vanderwyde.	1,200 00
Alexander M. Goge.	1,100 00
Ernest H. West.	900 00
Peter Taylor.	1,292 85
Edward Gottschall.	2,233 33
Peter J. Quigley.	1,000 00
Edward E. McCarney.	232 14
James C. Daly.	1,333 33
Joseph Canning.	208 93
Norman B. Gardiner.	1,010 48
John J. Herrick.	2,000 00
Robert M. Stirritt.	1,500 00
George W. Carpenter.	1,200 00
George A. Dearborn.	1,200 00
Thomas H. Sponer.	1,200 00
James E. Thorndike.	1,200 00
Henry C. Freeman.	2,400 00
Lucius C. Higgins.	1,004 46
Berthold Sommer.	1,800 00
Joseph Cassavajo.	47 76
Norman W. Palmer.	969 64
Thomas B. Boone.	934 82
Frank M. Hale.	934 82
John W. Ingalls.	934 82
David H. Lane.	934 82
Arthur Cassin.	1,000 00
John J. Colleton.	600 00
Patrick H. Bird.	1,200 00
John T. Guy.	1,200 00
William E. Baily.	1,200 00
Thomas S. Callender.	900 00
Thomas J. Macray.	1,200 00
Thomas P. T. Nash.	1,200 00
Frederick Lange.	969 64
Effingham V. Smith.	1,500 00
John J. Boyle.	1,200 00
Louis T. Brennan.	900 00
Augustus Lauersen.	660 00
Thomas C. Carroll.	900 00
Patrick Donnelly.	1,000 00
Jacob Bauer.	1,200 00
Mary Dowling.	540 00
Catharine Lyons.	540 00
Charles A. Manly.	2,000 00
John W. Crump.	819 98
John S. Osgood.	467 99
William F. Carroll.	707 50
Frederick W. Bach.	347 02
Pomery L. Androus.	50 81
Max Drucker.	825 00
Frederick E. Pierce.	300 00
Romeo T. Betts.	76 00
Frederick F. Furs.	958 06
Mary F. Meyer.	63 00
Mary Cleary.	278 12
Elizabeth O'Rourke.	278 12
Mary Devlin.	278 12
Annie Green.	278 12
Katharine Hargrave.	278 12
Mary A. Sheehan.	278 12
Sarah Shiels.	278 12
Mary A. Duffy.	278 12
Abbi E. Vincint.	278 12
Elizabeth Nolan.	278 12
Kittie Trimble.	278 12
Ellen Rinn.	278 12
Richard Petter.	278 12
John Lyon.	250 11
Charles Mack.	129 03
Elizabeth Smith.	250 31
Mary Brady.	250 31
Mary Bolten.	244 50
Julia Lamb.	250 31
Minnie Coats.	250 31
Annie Quinn.	250 31
Bridget Lennon.	244 50
Martin M. Healy.	406 64
James Blake.	414 46
Joseph C. Fitzgerald.	406 64
William C. Beneke.	323 84
William Fuller.	383 64
Jeremiah P. Cray.	276 01
Nathan Sleeve.	432 00
Christian Hauff.	406 64
William McCann.	406 64

Emilie Schmidt.	\$208 50
Margaret Emerson.	231 67
Ellen Kelly.	231 67
Margaret Cox.	228 34
Louise Canavan.	231 67
Eliza Leary.	231 67
Lizzie King.	221 67
Thomas O'Rourke.	342 24
William McGinnis.	367 08
James J. Jordan.	342 24
Michael Allen.	342 24
Michael Mulqueen.	342 24
Michael Hennessey.	342 24
Hubert Tyler.	232 67
George T. Higgins.	236 01
Michael Redican.	282 44
Patrick H. Murphy.	144 34
John Noonan.	234 60
Bridget Marren.	129 74
Bridget McAndrews.	97 26
Amelia Gerlich.	116 76
Mary A. Williams.	129 74
Annie Heely.	129 74
Julia E. Dowling.	129 74
Charlotte Sullivan.	129 74
George McDermott.	191 36
William Burkitt.	193 66
Alexander Roach.	193 66
Richard Whelan.	155 48
William A. Helmes.	140 30
Joseph Campbell.	127 66
George W. Whiton.	109 34
Total.	\$139,730 93
Weekly pay-rolls from January 1, 1898, to December 31, 1898, Captains, Engineers, Crews and Watchmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters, Masons, etc., on construction force.	475,925 35
Total.	\$615,656 28

SCHEDULE D.

BILLS AND CLAIMS AUDITED ON REPAIRS ACCOUNT.

<i>Advertising.</i>	
"Das Morgen Journal".	\$30 00
"Evening Sun".	34 20
"Harpers Weekly".	14 45
"Irish American".	7 20
"Journal".	48 00
"News".	34 20
"Telegraph".	48 00
"Weekly Union".	7 20
	<u>\$223 25</u>
<i>Carting and Sprinkling.</i>	
Cahill, James B.	\$1,545 00
Carley, Edward.	1,265 00
Crinion, James.	180 00
Kearns, Thomas.	294 00
Kelly, Thomas.	2,855 00
McGlynn, Peter.	1,947 50
Stripp, Jr., Matthew.	36 00
Teahan, John.	210 00
	<u>8,332 50</u>
<i>Lumber and Piles.</i>	
Carroll Box and Lumber Company.	\$13 00
East River Mill and Lumber Company.	840 00
Naughton & Co.	4,976 97
Orr, J. C., & Co.	3,313 46
Ross, P. Sanford.	179 85
	<u>9,323 28</u>
<i>Printing and Stationery.</i>	
Brown, Martin B., Company.	\$9 00
Gerry & Murray.	197 85
	<u>206 85</u>
<i>Repairs and Dredgings.</i>	
Atlantic Dredging Company.	\$21,319 57
Drew, H. P.	9,465 00
Du Bois, Charles.	14,810 35
Du Bois, James.	125 00
International Contracting Company.	15,206 81
Morris & Cummings Dredging Company.	154 30
Ross, P. Sanford.	1,656 11
Sicilian Asphalt Company.	6,104 70
Walsh, Edward S.	5,346 10
	<u>74,187 94</u>
<i>Recreation Buildings.</i>	
Bayne's Sixty-ninth Regiment Band.	\$10,686 00
Boswald, J. A.	3,789 00
Brush Electric Illuminating Company.	6,680 12
Consolidated Ice Company.	765 30
Fiske, J. W.	2,230 00
Hanau, M. Z.	8,940 00
McGrath, Andrew.	55 11
Manhattan Electric Light Company.	557 04
May, John.	20 00
Neumeyer's Band.	8,160 00
Rhoads, B. F., Jr., & Co.	500 00
Taussig, E., & Co.	195 00
	<u>42,577 57</u>
<i>Miscellaneous.</i>	
Bloomington Bros.	\$6 48
Brown & Miller.	1,300 00
Carey, James J.	29 32
Consolidated Gas Company.	333 82
Detroit Graphite Manufacturing Company.	401 50
Drew, H. P.	565 85
Foersch, Charles.	821 49
Hall's, Isaac, Son.	63 18
Hull, Grippen & Co.	4 70
Keating, Edward F.	32 00
Lewis, Samuel.	54 40
Marren, Bridget.	158 39
Mason, J. W., & Co.	43 50
Motley, J. M.	12 40
Murray & Co.	196 56
Murphy, Charles F. (Employees' car fare, etc.).	769 74
National Contracting & Supply Company.	472 00
Nugent, Thomas M.	150 50
Plunkitt, George W.	8,139 00
Riehle, John M.	937 50
Sheehan, John M.	953 50
Stafford, N.	24 00
State Prisons.	489 51
Trinidad Asphalt Refining Company.	1,006 87
Turl's, John, Son.	21 00
Union Excelsior Lubricating Company.	131 70
Upham & Co., H. H.	65 00
Valley, P. W.	51 00
Zimdar & Hunt.	52 46
	<u>17,287 37</u>
	<u>\$152,138 76</u>

SCHEDULE E.

Weekly pay-roll from January 1, 1898, to December 31, 1898, of Dock Builders,
Laborers, Watchmen, Inspectors and Engineers of General Repair Force..... \$97,449 80

SCHEDULE F.

BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

Advertising.	
"Das Morgen Journal".....	\$117 50
"Evening Sun".....	135 90
"Irish-American".....	38 80
"Journal".....	192 40
"News".....	141 90
"Telegraph".....	192 80
"Weekly Union".....	38 80
	\$858 10
Stationery, Etc.	
Banks & Brothers.....	\$34 75
Brown Company, Martin B.....	1,900 46
Campbell, William H.....	250 00
Gerry & Murray.....	295 65
	2,480 86
Miscellaneous.	
Commonwealth Ice Company.....	\$70 30
Gorham Manufacturing Company.....	60 00
Hale Company.....	80 00
Murphy, Charles F. (Employees' carfare, etc.).....	1,303 10
Sloane, W. & J.....	49 80
State Prisons.....	71 40
Valley, P. W.....	174 00
Wolf, Lucian.....	95 46
Wyckoff, Seaman & Benedict.....	130 50
	2,034 56
	\$5,373 52

SCHEDULE G.

SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

George S. Terry.....	\$980 65
William H. Burke.....	3,819 35
Charles J. Farley.....	3,000 00
John M. Phelan.....	3,000 00
William O'B. Walker.....	2,782 26
James Weir.....	2,400 00
Lewis S. Kellogg.....	2,000 00
Edwin A. Gregory, Jr.....	1,800 00
Robert Gere.....	1,800 00
Charles J. Collins.....	1,791 70
Charles F. Friedman.....	1,604 46
Francis J. Ryan.....	1,500 00
Robert F. Aram.....	1,500 00
Daniel D. Barry.....	1,500 00
Thomas Brady.....	1,500 00
Edward Abeel.....	1,500 00
James J. Fleming.....	1,500 00
W. J. Matthew.....	1,500 00
Thomas E. Booth.....	1,500 00
L. Hitch Harrison.....	1,500 00
Thomas P. Walsh.....	1,500 00
Gerard Bancker.....	1,500 00
John Clark.....	1,500 00
William H. Burns.....	1,500 00
W. H. Rockwell.....	1,500 00
Thomas Lusk.....	1,500 00
Martin Maurer.....	1,500 00
Rufus Darrow, Jr.....	1,500 00
Thomas Geary.....	1,500 00
Martin J. McInerney.....	1,427 42
George E. Weller.....	1,387 10
John J. White.....	1,375 00
Patrick Hennessey.....	1,375 00
Peter Woolley.....	1,375 00
John R. Powers.....	1,375 00
Edwin F. Kennedy.....	1,375 00
Victor Heimberger.....	1,370 54
James G. Shand.....	1,250 00
William J. Fay.....	1,206 45
Bernard V. Levy.....	1,200 00
Richard B. Ross.....	1,200 00
Joseph Cadley.....	921 77
Bernard P. Gibney.....	900 00
John O'Brien.....	900 00
Francis McMullen.....	808 33
Walter O. Bolas.....	577 77
Thomas Reynolds.....	485 00
James R. Misk.....	450 00
John Havanagh.....	450 00
Charles G. S. King.....	415 00
John P. Conway.....	80 61
Max Drucker.....	75 00
Edward S. Atwood.....	24 19
	\$73,982 60

SCHEDULE H.

BILLS AND CLAIMS AUDITED ON ACQUIRED PROPERTY ACCOUNT.

Baldwin, C. C.....	\$662 00
Banyer, G. et al.....	46,367 98
Bien, Franklin.....	926 00
Burnham, B. T.....	300 00
Campbell, H. P. & Co.....	8,092 50
Chandler, Baker & Platt.....	1,375 00
Clark & Wilkens.....	3,886 75
Clarke, George A.....	926 00
Curry, Katharine V.....	56 25
DeWitt, Thomas D.....	3,893 16
Ellis, William J.....	2,860 00
Ellison, William B.....	2,542 00
Fawcett, W. J.....	1,100 60
Godkin, Lawrence.....	2,514 00
Guy, C. L.....	756 00
Henneberry, John A.....	1,856 00
Hoffman, Eugene A.....	888,285 74
Hubbard, George S.....	756 00
Judge, John H.....	926 00
Knickerbocker Ice Company.....	40,152 77
Larremore, Wilbur.....	3,200 00
Lawrence, William M.....	2,860 00
Loew, Edward V.....	756 00
National Bank of Republic.....	270 00
New York Telephone Company.....	67 50
Olney, Peter B.....	144 00
Palmer, W. W.....	497 70
Pratt, C. J.....	110 50
Prince, John J.....	1,507 25

Rosenfield, Zelina.....	\$190 00
Torrance, James R.....	548 23
Van Tassel Elevator Company.....	126,294 50
Waldrich Land Company.....	43,160 00
Total.....	\$1,187,840 43

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.....	16,000 00
12-ton derrick, No. 3.....	16,000 00
10-ton derrick.....	6,000 00
Tug "Pier".....	30,000 00
Pile driver, No. 1.....	800 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.....	3,600 00
" 11.....	3,600 00
" 12.....	5,500 00
" 13.....	5,500 00
" 14.....	8,500 00
" 15.....	4,500 00
" 16.....	4,500 00
Deck Scow "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
" "Q".....	75 00
" "R".....	1,400 00
" "S".....	3,400 00
" "T".....	1,200 00
Boring Machine "Woodcock".....	500 00
Diver's Scow "A".....	250 00
" "G".....	500 00
" "N".....	500 00
" "S".....	900 00
" "T".....	400 00
Naphtha-engine launch, No. 1.....	750 00
Naphtha-engine launch, No. 2.....	1,800 00
Alco-vapor launch.....	1,200 00
Small boats (28 yawl boats, 2 skiffs, 6 sounding-boats, 2 bateaux and 1 rowboat).....	\$282,875 00

SCHEDULE J.

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

WHOM AGAINST.	DATE FILED.	INTEREST INCLUDED.	AMOUNT.
John D. Tracy.....	Oct. 1, 1877		\$991 19
Dillon Ransom.....	Mar. 5, 1879		1,300 00
Patrick Grace.....	Feb. 15, 1879		251 25
John D. Tracy.....	Apr. 14, 1880	\$504 75	3,479 75
David Tracy.....	Dec. 14, 1880	1,319 80	5,919 80
".....	Dec. 29, 1880	3,133 56	14,213 96
".....	Mar. 9, 1881	4,063 67	\$17,687 42
" Less received.....	Apr. 25, 1883		780 00
".....	Mar. 20, 1891		1,395 00
".....	Aug. 30, 1893		400 00
".....			15,112 42
".....	Mar. 10, 1881	2,436 34	10,430 46
".....	Mar. 15, 1881	377 18	1,839 68
".....	Apr. 26, 1881	637 85	3,105 56
".....	July 29, 1881	1,366 67	6,240 53
James H. Graham.....	June 4, 1880	99 60	540 35
H. A. Tidemann.....	Mar. 30, 1881	871 53	4,721 53
".....	Oct. 6, 1881	611 10	2,604 43
Thomas Gaynor.....	Apr. 9, 1881	439 22	2,531 72
Thomas C. Burke.....	Jan. 15, 1881	2,389 60	13,139 60
".....	Oct. 20, 1881	739 05	6,114 05
James Savage.....	Mar. 16, 1881	16 70	141 70
Herman Hastorf.....	May 17, 1880	439 63	2,214 63
".....	Apr. 30, 1881	1,806 36	7,426 36
John E. Hoagland.....	Nov. 26, 1881	292 13	942 13
Jesse Ryder.....	Nov. 26, 1881	193 86	658 86
Empire City Ice Co.....	Jan. 27, 1882	43 15	193 15
William H. Brown.....	Feb. 16, 1882	636 31	2,011 31
John Burns.....	Apr. 29, 1882	7 35	57 35
John Brennan and others, composing West India Fruit Dealers' Association.....	July 6, 1882	2,405 55	11,780 55
Daniel Dailey.....	Sept. 14, 1882	3 05	140 55
Adolph L. Kerker.....	Oct. 9, 1882		2,100 00
Daniel Dailey.....	Oct. 13, 1882	1 45	138 95
Frederick Schecker.....	Oct. 12, 1882	46 47	883 97
Collateral judgment against estate of Thomas Tone, surety for David Tracy.....	Oct. 23, 1882		231 67
A. T. Decker & Co.....	May 9, 1894	142 68	3,233 61
".....	Nov. 9, 1894	49 11	2,109 73
".....	Apr. 27, 1898	312 93	1,727 14
			\$128,527 94

SCHEDULE K.

Claims for Unpaid Wharf Rents placed with the Counsel to the Corporation for Collection, and for which no return was made prior to December 31, 1898.

Against John Darrow.....	Nov. 1, 1870.....	\$1,200 00
William Bradley.....	July 1, 1874.....	8,750 00
Oyster Bay and Huntington Steamboat Company.....	Dec. 17, 1874.....	125 00
Henry Smith.....	Feb. 1, 1875.....	9,750 00
Benjamin Terwilliger.....	May 1, 1875.....	900 00
David Tracy.....	May 1, 1878.....	2,017 50
Alexander Mason and Robert Foster.....	May 1, 1878.....	4,227 50
Morrisania Steamboat Company.....	May 1, 1879.....	250 00
John G. Dale.....	Sept. 23, 1879.....	322 78
Sundry deficits prior to June, 1878, awaiting legal disposition } by the Law Department.....		28,038 45
Thomas C. Burke.....	July 12, 1880.....	852 99
Thomas Fitzpatrick.....	Sept. 15, 1880.....	1,237 50
Steam Yacht "Yosemite".....	June 1, 1882.....	935 93
Joseph Cooper.....	Feb. 1, 1883.....	1,375 00
John H. Baxter.....	Feb. 1, 1883.....	175 00
Joseph Cooper.....	May 1, 1883, to May 1, 1884.....	2,750 00
William H. Wood.....	May 1, 1883, to May 1, 1884.....	1,562 50
Peter H. Walsh.....	Aug. 1, 1883, to May 1, 1886.....	3,843 75
Booth & Edgar.....	Dec. 5, 1883.....	250 00
Alexander Mason.....	Mar. 5, 1884.....	1,750 00

Against Morris Wazel.....	Aug. 1, 1884, to May 1, 1885.....	\$900 00
Patrick Murray.....	Nov. 1, 1884, to Feb. 11, 1885.....	28 01
Dennis Devine.....	For wharfage May 1, 1885.....	58 90
Thomas Dore.....	For wharfage May 1, 1885.....	235 50
James L. Miller.....	{ 21 months and 16 days' } rent to May 1, 1887.....	538 15
Daniel T. Robinson.....	Nov. 1, 1888.....	177 08
F. W. Wright.....	12 mos. rent, to May 1, 1890.....	4,000 00
Orrin D. Person.....	May 1, 1893.....	120 00
Sheridan & Byrne.....	To May 1, 1895.....	6,475 00
William Texter.....	Season, 1894.....	500 00
James J. Herbert.....	To Sept. 1, 1895.....	141 67
New Manhattan Athletic Club.....	To Dec. 1, 1896.....	30 00
G. F. & E. C. Swift.....	To May 1, 1897.....	906 47
Knickerbocker Ice Company.....	To Dec. 31, 1898.....	1,767 78
Fulton Market Fishmongers' Association.....	To Mar. 1, 1899.....	871 38
Jones & Brosnan.....	To Nov. 30, 1897.....	33 63
Gansevoort Freezing and Cold Storage Company.....	To Oct. 15, 1897.....	1,148 91
E. W. Youmans.....	To Dec. 20, 1897.....	30 14
James Parks.....	To Aug. 1, 1898.....	1,250 00
Knickerbocker Steamboat Company.....	To Sept. 21, 1898.....	3,320 00
William J. Clark.....	To Nov. 1, 1898.....	146 70
James Rogers.....	To Dec. 31, 1898.....	3,250 00
Estate of William Lynch.....	To Feb. 1, 1899.....	1,515 00
		\$97,758 22

STATEMENT

Of Revenues and Expenditures of the Department of Docks, from the Organization of the Department in May, 1870, to December 31, 1898.

FOR YEARS ENDING APRIL 30.	TOTAL GROSS REVENUE FROM LEASED WHARVES AND WHARFAGE.	REVENUE FROM FERRY LEASES AND FRANCHISES.	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.....	\$315,574 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.....	706,607 78		433,083 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	\$23,568 42	
1879.....	762,122 37		373,425 68	11,281 18	20,859 62	13,021 17	28,449 84	249,068 36	50,745 51	
1880.....	810,465 51		599,768 63	6,000 00	19,706 94	12,786 96	28,450 00	284,808 89	44,485 84	\$203,530 00
1881.....	865,071 89		640,481 57	7,169 35	20,263 22	9,775 22	30,735 50	515,044 45	57,492 83	
1882.....	1,062,162 54		1,180,097 44	9,000 00	22,503 41	12,391 48	32,869 91	829,050 27	274,282 37	
1883.....	1,162,893 96		953,007 85	9,000 00	25,999 07	13,756 80	33,084 00	715,641 01	155,526 97	
1884.....	1,246,858 19		760,106 80	9,000 00	30,225 31	13,213 81	37,860 85	575,080 87	94,725 96	
1885.....	1,187,217 14		1,020,207 51	9,000 00	31,416 67	11,379 73	45,703 41	416,151 29	178,493 66	328,062 75
1886.....	1,228,151 80		376,774 00	9,000 00	43,192 19	13,140 00	41,159 25	199,242 72	70,918 19	121 65
1887.....	1,260,036 58		389,169 82	9,000 00	46,693 71	6,472 12	44,960 89	162,621 52	119,421 58	
1888.....	1,320,684 81		1,069,538 62	9,000 00	41,469 87	6,315 92	53,070 07	653,434 14	230,635 17	75,613 45
1889.....	1,418,440 62		1,218,483 76	8,614 52	39,247 76	8,064 44	58,753 73	941,878 01	155,620 30	6,300 00
1890.....	1,487,930 71		1,316,370 65	9,000 00	37,804 69	1,454 44	67,727 67	850,422 54	169,923 78	180,037 53
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	130,093 78	436,784 89
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	202,605 88	7,848 93
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	198,224 29	1,079,653 12
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	160,416 06	782,265 63
1895.....	1,940,079 05		1,645,076 02	15,000 00	70,367 25	6,697 24	89,865 80	747,675 81	188,327 91	527,142 01
1896.....	2,021,698 47		760,050 14	15,000 00	65,461 22	5,847 15	83,111 95	312,202 39	223,998 61	54,428 82
1897.....	2,066,839 02		1,739,762 24	15,000 00	59,375 32	11,653 88	96,914 74	522,233 79	194,631 77	839,952 74
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	164,044 11	3,379,883 50
Year ending Dec. 31, 1898.....	2,027,126 20	364,793 46	3,452,890 47	16,000 00	73,982 60	5,373 52	123,730 93	1,796,374 43	249,588 56	1,187,840 43
	\$34,533,749 77	\$6,529,018 18	\$37,833,128 57	\$444,166 73	\$1,243,550 61	\$353,237 60	\$1,649,291 54	\$21,715,625 09	\$3,337,771 55	\$9,089,465 45

RENT ROLL, showing the Occupancy on December 31, 1898, of all Corporation Wharf Property under Leases and Permits of the Department of Docks and Ferries, 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.....	T. G. & W. R. Patten.....	Summer season, 1898.....	1,700 ".....	By resolutions, March 25 and April 1, 1898.....	1,200 00
Berth for Bath at Battery Wall.....	William A. Hall.....	Summer season, 1898.....	250 per mo.....	By resolutions, March 18 and 25, 1898.....	925 00
Berth on south side of Pier, new 1, N. R.....	Barber & Co.....	At pleasure of the Board.....	35 per day.....	By resolutions, December 30, 1897, and January 6, 1898.....	4,270 00
Southerly half and outer end Pier, new 1, N. R.....	Manhattan Steamship Company.....	At pleasure of the Board.....	1,800 per mo.....	By resolutions, October 21 and November 4, 1898.....	1,916 13
Bulkhead between Pier, new 1, and Pier, old 1, N. R.....	William J. Murray.....	At pleasure of the Board.....	1,700 per ann.....	By resolution, April 16, 1896.....	250 00
Bulkhead between Pier, new 1, and Pier, old 1, N. R.....	William J. Murray.....	May 1, 1898, to May 1, 1900.....	2,000 ".....	By public sale, April 18, 1898.....	1,500 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.....	2,859 00

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
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 per ann	By resolutions, June 27 and November 21, 1895.....	\$2,200 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, 15,570 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..	3,908 80
Land under water for platform between Piers, old 3 and 4, 13,363 square feet	Pennsylvania Railroad Company	At pleasure of the Board..	3,340.86 "	By resolution, April 26, 1894..	3,340 88
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..	20,000 00
Land under water for platform 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 16, 1895....	987 62
Land under water for platform in front of bulkhead north of Pier 6, N. R., 2,725 square feet.....	New York Steam Company	At pleasure of the Board..	681.25 "	By resolution, August 19, 1898	340 63
Land under water for platform north of Pier 7, N. R.....	New York and Baltimore Transportation Line.....	At pleasure of the Board..	1,294 "	By resolution, August 12, 1898	647 00
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..	1,500 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..	2,133 76
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..	1,133 76
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..	568 50
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.....	1,325 00
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..	1,028 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, 1896, and October 10 and 17, 1895.....	828 52
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	53,850 00
Land under water for old platform south of Pier, old 16, 4,162 square feet.....	Pennsylvania Railroad Company.....	At pleasure of the Board..	1,040.50 "	By resolution, November 27, 1891.....	1,040 48
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.....	1,913 76
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.....	3,600 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.....	1,200 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.....	2,164 72
Bulkhead extending from a point 75 feet south of Pier, new 14, southerly a distance of 65 feet.....	International Navigation Company	November 1, 1904, to January 1, 1914, with privilege of renewal of ten years.....	\$1,800 1st term, and \$1,980 for renewal term	By resolutions, June 26, 1894, and December 6, 1894.....	1,800 00
Washington Pier (new 14).....	International Navigation Company	January 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$56,831.98 1st term, and \$2,515.18 for renewal term	By resolutions, January 28 and March 31, 1892, and May 10, 1894.....	56,832 00
Bulkhead, from a point 75 feet south of Washington Pier, to a point 87½ feet north of said pier.....	International Navigation Company	January 1, 1894, to January 1, 1904, with privilege of renewal of ten years.....	\$4,000 1st term, and \$4,900 for renewal term	By resolution, February 16, 1893.....	4,500 00
Pier, new 15, excepting space for bell-tower, and bulkhead southerly.....	International Navigation Company	May 1, 1895, to May 1, 1905, with privilege of renewal term of ten years.....	\$25,000 1st term, and \$2,750 for renewal term.....	By resolutions, March 9, 1897, and November 22, 1894.....	25,000 00
Space for bell-tower at outer end of Pier, new 15.....	Hoboken Ferry Company.....	At pleasure of the Board..	\$100 per ann.	By resolution, July 12, 1892..	100 00
Use of reclaimed land near foot of Barclay street for cartracks	Metropolitan Street Railway Company.....	At pleasure of the Board..	100 "	By resolutions, October 8 and 22, 1897.....	100 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..	3,435.25 "	By resolutions, July 30, 1897, and September 26, 1895..	2,103 52
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, 1876, at pleasure of the Board.....	3,946.00 "	By resolutions, May 10, 1876, and September 26, 1895..	7,306 86
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, 1882, at pleasure of the Board.....	2,149.50 "	By resolution, January 5, 1888	1,512 14
Bulkhead between Piers, new 18 and 19, 193 feet (133 feet completed)	Old Colony Steamboat Company.....	November 1, 1896, to November 1, 1906, with privilege of two renewals of ten years each.....	7,500 1st term 7,875 2d term 8,268.75 3d term	By resolutions, June 29, 1893, and July 30, August 6 and December 3, 1896.....	5,68 00
Pier, new 19.....	Old Colony Steamboat Company.....	December 1, 1894, to December 1, 1904, with privilege of renewal of ten years.....	27,500 1st term 30,250 2d term	By resolutions, November 3, 1897, and November 27, 1894.....	27,500 00
Land under water or ferry racks at northerly side of Pier, new 19, 5,603 square feet....	New York, Lake Erie and Western Railroad Company.....	February 5, 1894, at pleasure of the Board.....	4,000 per ann.	By resolutions, July 28 and August 18, 1892.....	4,000 00
Piers, new 20 and new 21, and 560 feet bulkhead northerly from the north side of Pier, new 19.....	New York, Lake Erie and Western Railroad Company.....	August 1, 1891, to August 1, 1901, with privilege of renewal term of ten years.....	100,000 for present term. Renewal at appraised rental.....	By resolutions, July 14, 1875, and August 12, 1881.....	100,000 00
Land under water for extension to Piers 20 and 21.....	New York, Lake Erie and Western Railroad Company.....	To termination of lease of Piers 20 and 21.....	7,46.99 per ann.	By resolution, September 30, 1897.....	4,945 77
Bulkhead northerly of Pier, new 21, 82¼ feet (reservation for public bath).....	Charles Mulford.....	May 1, 1895, to May 1, 1898	1,500 "	By resolution, December 13, 1894.....	375 00
Bulkhead northerly of Pier, new 21, 82¼ feet (with reservation for bath)	Charles Mulford.....	May 1, 1898, to May 1, 1900	2,000 "	By public sale, April 18, 1898.	1,500 00
Use of new made-land for car tracks, foot of Chambers street.....	Metropolitan Street Railway Company.....	At pleasure of the Board..	150 "	By resolutions, June 24 and December 16, 1898.....	
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 1st term; 51,700 for renewal term..	By resolutions, March 1 and May 11, 1893, and minutes, January 11, 1894.....	47,000 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.....	42,000 1st term 45,000 2d term 50,000 3d term 52,000 4th term	By resolution, September 17, 1891.....	42,000 00
Bulkhead south of Pier, new 24, 80 feet.....	West Shore Railroad Company sublet to Homer Ramsdell Transportation Company and John G. Peene.....	May 1, 1896, to February 1, 1899.....	3,200 per ann.	By resolution, April 2, 1896..	3,200 00
Pier, new 24.....	Homer Ramsdell.....	February 1, 1899, to May 1, 1903.....	3,520 "	By resolutions, November 27, 1878, February 7, 1889, April 14, May 12 and September 29, 1892.....	28,686 20
Bulkhead between Piers, new 24 and 25, N. R.....	Consolidated Ice Company.....	March 1, 1898, to March 1, 1908.....	1,500 per ann.	By resolution, February 11, 1898.....	1,000 00
Pier, new 25.....	Morgan's Louisiana and Texas Railroad and Steamship Company.....	February 1, 1889, to February 1, 1899, with privilege of renewal term of ten years.....	33,388.11 1st term 33,955.87 2d term	By resolutions, November 27, 1888; January 11, 1889, and October 23, 1890.....	33,388 12
Bulkhead northerly of Pier, new 25, 32 feet.....	Southern Pacific Company.....	May 1, 1894, to May 1, 1899	1,000 per ann.	By public sale, April 27, 1894..	1,000 00
Pier, new 26.....	Old Dominion Steamship Company.....	May 1, 1891, to May 1, 1901	34,039.07 "	By resolutions, August 14, 1878, and January 8, 1891..	34,039 08
Bulkhead from a point 125 feet south of Pier, new 26, northerly to the southerly side of Pier, new 27.....	Old Dominion Steamship Company	May 1, 1891, to May 1, 1901	10,100 "	By resolution, January 13, 1888.....	10,100 00
Piers, new 27 and new 28, and bulkhead between, 145 feet.....	Pennsylvania Railroad Company.....	September 1, 1894, to September 1, 1904.....	56,000 "	By resolution, May 25, 1882..	56,000 00
Bulkhead northerly of Pier, new 28, 71 feet.....	Pennsylvania Railroad Company.....	September 1, 1894, to September 1, 1904.....	5,000 "	By resolutions, February 27 and April 26, 1894.....	5,000 00
Bulkhead northerly from a point half way between Piers, new 28 and new 29, extending 20 feet northerly of Pier, new 29	Pennsylvania Railroad Company.....	March 1, 1891, to March 1, 1901, with privilege of renewal term of ten years.....	7,000 1st term 7,700 2d term	By resolutions, February 27 and April 26, 1894.....	7,000 00
Pier, new 29	Pennsylvania Railroad Company and others, assignees.....	March 1, 1891, to March 1, 1901, with privilege of renewal term of ten years.....	30,000 1st term 30,500 2d term	By resolution, November 27, 1878 (see minutes, January 15 and April 23, 1891).	30,000 00
Land under water for platform south of Pier, old 40, 6,556 square feet.....	New Jersey Railroad and Transportation Company	At pleasure of the Board..	1,639 per ann.	By resolutions, November 2, 1871, and October 17, 1895..	1,639 00
Pier, old 40.....	Norwich and New York Transportation Company.	May 1, 1895, to May 1, 1898	38,000 "	By public sale, April 15, 1895..	19,000 00
Extension to outer end of Pier, old 41.....	New Jersey Steamboat Company	As per agreement.....	1,000 "	By resolution, May 14, 1897..	1,000 00
Bulkhead between Piers, old 41 and 42.....	M. Kane & Son.....	At pleasure of the Board..	350 "	By resolution, February 11, 1898.....	291 70
Dumping-board on southerly side of Pier, old 42	Brown & Fleming	At pleasure of the Board..	2,800 "	By resolutions of May 10, 1895	2,201 72
120 feet northerly inner end of Pier, old 42, and 27 feet of bulkhead northerly.....	Hunt & Donaldson.....	At pleasure of the Board..	125 per mo.	By resolution, March 4 and April 7, 1893.....	979 17
100 feet north side inner end Pier, old 42, and 27 feet of bulkhead northerly.....	L. E. Muller.....	At pleasure of the Board..	1,500 per ann.	By resolutions, December 2 and 9, 1898.....	

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Pier, new 34, and 75 feet bulkhead each side.....	Pacific Mail Steamship Company sublet to Ocean Steamship Company of Savannah and Southern Pacific Company.....	September 1, 1889, to September 1, 1899, with privilege of renewal term of ten years....	60,422.94 1st term Rental for extension of pier for renewal term to be hereafter determined.... 1,200 per ann. 40,690.04 "	By resolutions, April 2 and September 5, 1889; November 12, 1891; June 2, 1892, and January 23, 1896.....	\$60,422 96
Bulkhead south of Pier, new 35, 72 feet.....	Ocean Steamship Company of Savannah.....	May 1, 1898, to May 1, 1900	1,200 per ann.	By public sale, April 18, 1898.	1,500 00
Pier, new 35.....	Ocean Steamship Company of Savannah, Ga.....	May 1, 1893, to May 1, 1903	40,690.04 "	By resolutions, June 6, 1883; May 28, 1891; June 22, 1893	40,690 04
Bulkhead north of Pier, new 35, 81 feet.....	Ocean Steamship Company of Savannah.....	May 1, 1898, to May 1, 1900	1,200 "	By public sale, April 18, 1898.	900 00
Pier, new 36.....	Providence and Stonington Steamship Company..	January 1, 1894, to June 1, 1901.....	34,910.60 "	By resolution, March 23, 1893	34,910 60
Bulkhead north and south of same.....	Providence and Stonington Steamship Company..	To June 1, 1901.....	4,500 "	By resolution, March 23, 1893	4,500 00
Pier, new 37.....	Southern Pacific Company.....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	50,000 1st term 53,000 2d term	By resolution, February 16, 1893.....	50,000 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 1st term 5,500 2d term	By resolution, February 16, 1893.....	5,000 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.....	44,250 1st term 48,675 2d term	By resolution, March 9, 1893	44,250 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 ann.	By resolution, February 13, 1896.....	4,000 00
Bulkhead south of Pier, new 39, 95 feet.....	L. E. Muller.....	May 1, 1897, to May 1, 1898	1,650 "	By public sale, April 14, 1897	1,650 00
Pier, new 39.....	National Steamship Company (Limited).....	May 1, 1891, to May 1, 1901, with privilege of renewal term of ten years.....	33,400 1st term 39,072 2d term	By resolution, April 23, 1891	33,400 00
Bulkhead north and south of Pier, new 39, N. R., 129 feet.....	National Steamship Company.....	December 1, 1898, to May 1, 1901.....	5,000 per ann. 5,250 "	By resolution, November 25, 1898.....	833 33
Bulkhead south of Pier, new 40, N. R., about 94 feet.....	Cunard Steamship Company.....	May 1, 1898, to May 1, 1900	2,275 "	By public sale, April 18, 1898.	1,706 25
Pier, new 40, including water rights at northerly side of said pier.....	Cunard Steamship Company (Limited).....	May 1, 1893, to May 1, 1903, with privilege of renewal term of ten years.....	36,500 1st term 40,150 2d term	By resolutions, July 27 and November 2, 1893.....	36,500 00
Bulkhead north of Pier, new 40, with privilege of shedding.....	Cunard Steamship Company (Limited).....	February 1, 1896, to February 1, 1898.....	3,250 per ann.	By resolution, January 23, 1896.....	3,250 00
Pier, new 41.....	Delaware, Lackawanna and Western Railroad Company, assignees.....	September 1, 1891, to September 1, 1901.....	30,500 "	Renewal lease (see minutes, September 10, 1891).....	30,500 00
Bulkhead about 94 feet each side of Pier, new 41.....	Delaware, Lackawanna and Western Railroad Company.....	September 1, 1891, to September 1, 1901.....	5,300 "	Renewal lease.....	5,300 00
Bulkhead south of Pier, new 42, 94 feet.....	Richard J. Foster.....	At pleasure of the Board..	1,500 "	By resolution, March 26, 1896	500 00
Bulkhead south of Pier, new 42, 94 feet.....	Richard J. Foster.....	May 1, 1898, to May 1, 1900.	2,050 "	By public sale, April 18, 1898.	1,537 50
Reclaimed land south of Pier, new 42.....	Hudson Tunnel Railway Company.....	November 1, 1887, at pleasure of the Board..	2,000 "	By resolutions, December 8, 1887, and July 25, 1895.....	2,000 00
Pier, new 42.....	Compagnie Generale Transatlantique.....	November 1, 1891, to November 1, 1901, with privilege of renewal of ten years.....	46,500 1st term 48,825 2d term	By resolution, December 23, 1890.....	46,500 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 1st term annum.....	By resolution, April 2, 1896..	6,666 68
One-third of Pier, new 43, except the northerly side.....	Saugerties and New York Steamboat Company..	At pleasure of the Board..	3,333.33 1st term annum.....	By resolution, April 2, 1896..	3,333 36
Use of reclaimed land near foot of Christopher street for car-tracks.....	Metropolitan Street Railway Company.....	At pleasure of the Board..	\$100 per ann.	By resolutions, March 21, 1895, and March 25, 1897..	100 00
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..	61,903.76 1st term 66,148.95 2d term	By resolutions, February 14, 1889; August 1, 1890, and August 27, 1891.....	64,903 76
Bulkhead southerly of Pier, new 46, 78 1/2 feet.....	Joseph Cornell.....	At pleasure of the Board..	600 per ann.	By resolution, April 16, 1896.	600 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..	33,517 40
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	20,000 00
Bulkhead along easterly side of approach to Pier, new 46, and Pier, new 47, 371 1/4 feet from outer end.....	Quebec Steamship Company.....	At pleasure of the Board..	945 "	By resolutions, March 11 and April 1, 1897.....	236 25
Bulkhead along easterly side of approach to Pier, new 46, and Pier, new 47, 371 1/4 feet from outer end.....	Quebec Steamship Company.....	May 1, 1898, to May 1, 1900.	1,200 "	By public sale, April 18, 1898.	900 00
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.....	Frederick Leyland & Co. (Limited).....	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 resolutions, April 8, 1897, and December 9, 1898.....	.....
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 56 1/2.....	Lehigh Valley Railroad Company.....	At pleasure of the Board..	3,200 per ann.	By resolutions, April 29 and May 20, 1897.....	3,200 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.	333 34
Pier, old 59, N. R.....	T. G. & W. R. Patten.....	At pleasure of the Board..	3,000 "	By resolutions, February 16 and 25, 1898.....	2,000 00
Berth for steamer north side of Pier, old 58 1/2.....	Requa & Duell.....	At pleasure of the Board..	1,000 "	By resolution, February 25, 1898.	750 06
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.....	2,291 66
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.....	261 52
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.....	11,000 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, 1895, to August 1, 1905.....	1,500 "	By public sale, July 16, 1896.	1,500 00
Pier at West Sixteenth street.....	Bernard Campbell.....	May 1, 1895, to May 1, 1898.	1,600 "	By public sale, April 1, 1895	412 50
Office on Pier at West Sixteenth street.....	Bernard Campbell.....	At pleasure of the Board..	50 "	By resolution, October 8, 1896	1,200 00
Pier at West Sixteenth street.....	Wm. J. McGirr.....	May 1, 1898, to May 1, 1900.	2,400 "	By public sale, April 18, 1898.	2,542 50
Pier at West Eighteenth street.....	Thomas Cunningham, assignee.....	May 1, 1897, to May 1, 1902.	3,390 "	By resolution, May 4, 1897.	294 44
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.....	.....
Southerly side and outer end of Pier at West Twentieth street.....	Knickerbocker Steamboat Company.....	Summer seasons 1898 and 1899.....	40 per day	By resolutions, April 22 and July 8, 1898.....	.....
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 per ann.	By resolutions, October 3 and November 7, 1897, January 16, 1896.....	.....
Pier at West Twenty-first street.....	H. & A. Allan.....	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..	25,000 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	16,666 64
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, 1885, and January 7, 1897.	1,711 50
Use of reclaimed land between Twenty-third and Twenty-fourth streets, in front of Pier, new 54.....	Metropolitan Street Railway Company.....	At pleasure of the Board..	180 "	By resolution, March 19, 1897.	180 00
Bulkhead between Piers, new 54 and 55, 205 feet.....	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.....	25,000 00
Bulkhead between Piers, new 54 and 55, 205 feet.....	James Tilley.....	May 1, 1895, to May 1, 1898.	1,600 per ann.	By resolution, March 14, 1895	400 00
Bulkhead between Piers, new 54 and 55, 205 feet.....	Union Ice Company.....	November 1, 1898, to November 1, 1908.....	1,600 "	By resolution, September 9, 1898.....	1,125 00
Pier, new 55.....	Atlas Steamship Company (Limited).....	May 1, 1892, to May 1, 1902.	25,000 "	Renewal lease, minutes March 3, 1892.....	25,000 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..	2,250 00
Float bridge in front of northerly 102 1/2 feet of bulkhead between Piers, new 55 and 56..	Baltimore and Ohio Railroad Company.....	At pleasure of the Board..	2,518.25 per ann.	By resolution, October 14, 1897	2,37 06
Railroad tracks on marginal street, between Piers, new 55 and 56.....	Baltimore & Ohio Railroad Company.....	At pleasure of the Board..	50 "	By resolutions, March 4 and June 3, 1898.....	45 44
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.....	30,000 00

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED
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).....	\$2,500 00
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.....	25,000 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.....	12,500 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..	1,500 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).....	12,500 00
Bulkhead between Piers, new 59 and 60.....	Stokes & Thedford.....	At pleasure of the Board.....	166.66 per mo.	By resolution, May 16, 1895..	833 30
Bulkhead between Piers, new 59 and 60.....	Stokes & Thedford.....	May 1, 1898, to May 1, 1900.	2,200 per ann.	Public sale, April 18, 1898....	1,650 00
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.....	56,000 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.....	364 12
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.....	20,000 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.....	10,000 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.....	10,000 00
Land under water for platform between Thirty-eighth and Thirty-ninth streets, 2,290 square feet.....	G. F. & E. C. Swift.....	At pleasure of the Board	572.50 per 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 1, 1887, at pleasure of the Board.....	231 "	By resolution, February 4, 1887	231 00
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.....	8,000 00
Bulkhead at West Forty-first street	Edwin M. Brown.....	May 1, 1897, to May 1, 1898, holding over.....	300 "	By public sale, April 14, 1897.	300 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.	25 00
Dumping-board on bulkhead between West Forty-third and West Forty-fourth streets.	Albert H. Hastorf.....	At pleasure of the Board.....	1,200 "	By resolution, April 15, 1897.	900 00
Use of reclaimed land between Forty-third and Forty-fourth streets	Metropolitan Street Railway Company.....	At pleasure of the Board	40 per mo.	By resolutions, November 4 and 11, 1897.....	280 00
Pier at West Forty-fourth street.....	Atlantic Transportation Company.....	November 1, 1898, to November 1, 1908.....	7,500 per ann.	By resolutions, July 15 and October 28, 1898.....	1,875 00
Pier at West Forty-fifth street.....	New York Horse Manure Company.....	May 1, 1897, to May 1, 1902	4,000 "	By public sale, April 14, 1897.	4,000 00
Pier at West Forty-sixth street.....	Consolidated Ice Company.....	March 1, 1898, to March 1, 1908.....	2,500 "	By resolution, February 11, 1898.....	1,666 66
Pier and approach at West Forty-eighth street.....	James Parks.....	August 1, 1893, to August 1, 1898.....	5,000 "	By resolution, July 13, 1893..	1,250 00
Pier foot of West Forty-eighth street.....	Pocahontas Coal Company.....	August 1, 1898, to May 1, 1903.....	5,000 "	By public sale, April 18, 1898.	2,500 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.....	10,000 00
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.	375 00
Bulkhead south of West Fiftieth street, about 83 feet.....	William Brooks' Son Company.....	May 1, 1898, to May 1, 1900	750 "	By public sale, April 18, 1898.	375 00
Use of new-made land between Fiftieth and Fifty-second streets, west of Twelfth avenue.....	Naughton & Co.....	At pleasure of the Board.....	1,000 "	By resolutions, November 25 and December 16, 1898.....	.....
Use of new-made land between Fifty-third and Fifty-fourth streets, west of Twelfth avenue.....	John P. Kane Company.....	At pleasure of the Board	1,000 "	By resolutions, December 9 and 16, 1898.....	.....
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.....	3,500 1st term 3,850 2d term 4,235 3d term	By resolution, April 1, 1897.	3,500 00
Bulkhead between Fifty-fourth and Fifty-fifth streets.....	H. S. & A. H. Mott, assigned to Ruth A. Wallace, and Sicilian Asphalt Paving Company.....	April 1, 1895, to April 1, 1905, with privilege of two renewals of ten years each.....	2,750 1st term 3,025 2d term 3,400 3d term	By resolutions, September 18 and October 23, 1891, and March 14, 1895.....	2,750 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 resolutions, June 14, September 5 and November 14, 1895.....	1,250 04
Pier at foot of West Fifty-eighth street, northerly side, 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, 1896.	3,300 00
Beef and coal conveyors on bulkhead between Fifty-eighth and Fifty-ninth streets.....	Eastman's Company.....	At pleasure of the Board.....	\$100 per annum for each conveyor.....	By resolution, August 1, 1895.	200 00
Land under water for site for Pier at West Fifty-ninth street, 26,700 square feet.....	New York Central and Hudson River Railroad Company.....	November 1, 1892, to November 1, 1902.....	2,800 per ann.	By resolution, May 23, 1890..	2,800 00
Extension of railroad track along bulkhead between Fifty-ninth and Sixtieth streets.....	Eastman's Company.....	At pleasure of the Board.....	120 "	By resolution, October 31, 1895	120 80
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	150 "	By public sale, April 30, 1895.	37 50
Southerly half of bulkhead at West Sixtieth street, 30 feet.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	250 "	By public sale, April 18, 1898	187 50
Land under water between West Sixtieth and West Sixty-fifth streets for erection of two piers, 373,663 square feet	New York Central and Hudson River Railroad Company	August 1, 1894, to August 1, 1904.....	7,000 "	By resolution, April 23, 1884 and minutes, January 11, 1894.....	7,000 00
Land under water between south line of West Sixty-fifth and south line of West Seventy-second streets, westerly to established pier-line of 1868, 355,724 square feet.....	New York Central and Hudson River Railroad Company.....	May 1, 1890, to May 1, 1900	21,000 "	By resolution, April 28, 1880	21,000 00
Bulkhead at foot of West Ninety-sixth street	Weber & Bunke.....	May 1, 1900, to May 1, 1910	24,500 "	By resolutions, June 3 and 10, 18 8.....	694 95
Land under water for pipes, etc., foot of West Ninety-seventh street.....	National Transit Company.....	At pleasure of the Board.....	100 "	By resolutions, November 21, 1883, and October 1, 1891..	58 33
Land under water for pipes, etc., foot of West Ninety-seventh street.....	National Transit Company.....	At pleasure of the Board.....	150 "	By resolutions, May 20 and 27, 1898.....	62 50
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.....	250 00
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets	McDermott & Co.....	May 1, 1894, to May 1, 1899	625 per ann.	By public sale, April 27, 1894.	625 00
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.	275 00
Bulkhead between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets	George Grossman.....	June 1, 1898, to May 1, 1900	1,100 "	By resolution June 10, 1898..	733 34
To land at outer end of Pier at West One Hundred and Thirty-second street.....	Homer Ramsdell Transportation Company.....	At pleasure of the Board	70 per mo.	By resolution, May 20, 1898..	490 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 per ann.	By public sale, April 27, 1894.	300 00
Reclaimed lands between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets	James Rogers.....	At pleasure of the Board.....	1,000 "	By resolution, October 17, 1895 .....	.....
Pier at West One Hundred and Thirty-fourth street.....	M. M. McDermott.....	May 1, 1895, to May 1, 1898	300 "	By public sale, April 30, 1895.	75 00
Pier at West One Hundred and Thirty-fourth street.....	M. M. McDermott.....	May 1, 1898, to May 1, 1900..	1,200 "	By public sale, April 18, 1898.	900 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..	200 04
Bulkhead from middle of West One Hundred and Thirty-fifth street to middle of block between West One Hundred and Thirty-sixth and West One Hundred and Thirty-seventh streets, about 410 feet.....	O'Brien, Sheehan & McBean.....	November 1, 1898, to November 1, 1903.....	1,500 "	By resolution, October 7, 1898	375 00
Bulkhead at foot of West One Hundred and Forty-third street, with privilege to lay tracks across said street	New York Central and Hudson River Railroad Company.....	At pleasure of the Board	100 "	By resolutions, January 9 and April 16, 1896.....	100 00
Bath-houses etc., foot of West One Hundred and Fifty-first street.....	Peter J. Moran.....	At pleasure of the Board.....	40 per mo.	By resolutions, June 24 and July 1, 1898.....	280 00
Bath-houses and floats foot West One Hundred and Fifty-fifth street	Katherine Smith.....	At pleasure of the Board.....	250 per ann.	By resolution, April 29, 1898..	125 00
Berth for private bath-house north of West One Hundred and Fifty-fifth street.....	W. A. Skinkle and William T. Drew.....	At pleasure of the Board.....	10 "	By resolution, July 2, 1896..	10 00
Berth for bath-houses south of Pier at West One Hundred and Fifty-eighth street.....	Jacob Solomon.....	At pleasure of the Board.....	350 "	By resolutions, December 5, 1895, and April 23 and September 24, 1896.....	87 50
Berth for bath-houses south of Pier at West One Hundred and Fifty-eighth street.....	Jacob Solomon.....	At pleasure of the Board.....	450 "	By resolutions, May 20 and 27, 1898.....	337 50
East River.					
Easterly half of Pier 4.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1898	4,840 "	By public sale, April 14, 1897.	1,210 00
Easterly half of Pier 4.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	5,000 "	By public sale, April 18, 1898.	3,750 00

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Bulkhead and platform between Piers 4 and 5.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1898	\$1,225 per ann.	By public sale, April 14, 1897.	\$306 25
Bulkhead and platform between Piers 4 and 5.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	1,500 "	By public sale, April 18, 1898.	1,125 00
Pier 5.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1898	18,150 "	By public sale, April 14, 1897.	4,537 50
Pier 5.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	18,750 "	By public sale, April 18, 1898.	14,062 50
Bulkhead between Piers 5 and 6.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1898	1,225 "	By public sale, April 14, 1897.	306 25
Bulkhead between Piers 5 and 6.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	1,500 "	By public sale, April 18, 1898.	1,125 00
Pier, old 6.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1898	9,000 "	By public sale, April 14, 1897.	2,250 00
Pier, old 6.....	New York Central and Hudson River Railroad Company.....	May 1, 1898, to May 1, 1900	10,000 "	By public sale, April 18, 1898.	7,500 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, 1895.	399 96
West half of Pier, new 7.....	New York, Lake Erie and Western Railroad Company.....	May 1, 1888, to May 1, 1898	10,000 "	By public sale, April 11, 1888.	8,625 00
Land under water for widening Pier, new 7.....	New York, Lake Erie and Western Railroad Company.....	August 1, 1889, to May 1, 1898	1,500 "	By resolution, March 7, 1889.	
Westerly half of Pier, new 7, as widened and shed thereon.....	New York, Lake Erie and Western Railroad Company.....	May 1, 1898, to May 1, 1908	11,500 "	By resolution, March 4, 1898. { By resolution, May 14, 1891, and minutes, December 17, 1891.....	5,750 00
Land under water to widen Pier 10, 2,000 square feet.....	J. M. Ceballos.....	December 1, 1891, at pleas- ure of the Board.....	500 "		500 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..	1,774.25 "	By resolutions, April 23, 1891, and May 20 and 27, 1898..	1,774 28
Berth at easterly half of Pier 18 to land the steamer "Chelsea".....	Norwich and New York Propeller Company.....	From May 1, 1897, at pleas- ure of the Board.....	350 per mo. 6,000 per ann.	By resolution, May 13, 1897.. By resolution, December 16, 1898.....	4,200 00
Easterly half of Pier 18, with shed thereon.....	New York and Cuba Mail Steamship Company.....	At pleasure of the Board..	2,000 "	By resolution, February 11, 1898.....	2,000 00
Southerly half of Pier 19.....	Robert M. Ferris, agent.....	At pleasure of the Board..	200 "	By resolutions, March 27, 1898, and May 27, 1898.....	200 00
Land under water for platform south of Pier 20, 660 square feet.....	New York and Texas Steamship Company.....	At pleasure of the Board..	17,380 "	By public sale, April 14, 1896. By resolutions, December 5, 1895, and February 6, 1896.	17,380 00
Easterly half of Pier 21, westerly half of Pier 21, with whole of surface of Pier 21, to- gether with bulkhead between Piers 20 and 21, and platform in front of same.....	Fulton Market Fishmongers' Association.....	May 1, 1896, to May 1, 1901	387.25 "		
Land under water for platform between Piers 23 and 24.....	Hartford and New York Transportation Company.....	May 1, 1896, to May 1, 1901	7,250 "	By public sale, April 14, 1896.	7,250 00
East half of Pier 24 and half the bulkhead adjoining.....	New Haven Steamboat Company.....	May 1, 1896, to May 1, 1901	13,200 "	By public sale, April 14, 1896.	13,200 00
Pier 25 and 60 feet of bulkhead westerly, west half Pier 26 and bulkhead between Pier- 25 and 26.....	Baltimore and Ohio Railroad Company.....	At pleasure of the Board..	446 "	By resolutions, March 25, April 15 and June 10, 1897.	446 00
Land under water for extension to platform between Piers 26 and 27, 1,784 square feet.....	Baltimore and Ohio Railroad Company.....	November 1, 1886, at pleas- ure of the Board.....	1,075 "	{ By resolution, September 15, 1886.....	1,075 00
Land under water for platforms easterly and westerly of Pier 27, 4,300 square feet.....	Long Island Railroad Company.....	At pleasure of the Board..	2,622.25 "	By resolutions, December 24, 1884, and September 1, 1895	2,622 25
Land under water for platform between Piers 32 and 33, etc., 10,489 square feet.....	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, 1895.....	9,000 00
East half of Pier 33, west half of Pier 34 and bulkhead and platforms between.....	Central Vermont Railroad Company.....	At pleasure of the Board..	600 "	By resolution, December 13, 1894.....	300 00
Land under water for platform westerly side of Pier 36, about 2,520 square feet.....	Central Vermont Railroad Company.....	At pleasure of the Board..	630 "	By resolutions, May 20 and August 12, 1898.....	315 00
Land under water for platform westerly side of Pier 36, about 2,520 square feet.....	George H. Penniman.....	May 1, 1889, to May 1, 1899	3,000 "	By public sale, March 20, 1889	3,000 00
Land under water for widening east side and extension to Pier 36, 15,885 square feet... Land under water for widening and extending easterly side of Pier 36, 15,885 square feet.....	Central Vermont Railroad Company.....	At pleasure of the Board..	3,000 "	By resolution.....	
Land under water for temporary platform adjoining westerly side of Pier 38, 1,594 square feet.....	Maine Steamship Company.....	August 1, 1888, at pleas- ure of the Board.....	358.50 "	{ By resolution, November 10, 1887, and May 27, 1898..	358 52
Pier, old 38 and half of bulkhead westerly, etc.....	Maine Steamship Company.....	June 1, 1897, to June 1, 1907	13,000 "	By public sale, April 14, 1896.	13,000 00
Extension to Pier, old 38, 2,733 square feet.....	Maine Steamship Company.....	At pleasure of the Board..	683.25 "	By resolutions, May 14 and August 1, 1896.....	683 28
Land under water for platform north of Pier 38, 3,048 square feet.....	Maine Steamship Company.....	At pleasure of the Board..	762 "	By resolutions, November 22, 1894, and April 25, 1895..	762 00
Land under water for platform south of Pier 39, 2,350 square feet.....	Peter Charles.....	At pleasure of the Board..	587.50 "	By resolutions, June 16, 1895, and September 12, 1895.....	587 52
Land under water for platform easterly of Pier 39, 1,808 square feet.....	Bridgeport Steamboat Company.....	At pleasure of the Board..	452 "	By resolution, March 7, 1895.	451 92
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	444 76
Pier 40.....	Old Colony Steamboat Company.....	From August 1, 1894, until removal for new pier....	12,500 "	By resolution, August 2, 1894	12,500 00
Undivided ninth Pier, old 42.....	New York Dry Dock and Repair Company.....	At pleasure of the Board..	250 "	By resolution, April 2, 1896..	250 00
Land under water for platform between Piers 42 and 43, 782 square feet.....	William J. Clark.....	At pleasure of the Board..	16.30 per mo.	By resolution, December 8, 1892.....	48 90
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.....	714 1st term 742.50 2d term 771.12 3d term	By resolution, August 10, 1888, and minutes, March 9, 1893.....	714 00
Land under water for platform between Piers, old 45 and new 36, 6,411 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.....	1,602.75 1st term 1,666.86 2d term 1,730.97 3d term	By resolution, August 10, 1888, and minutes, June 26, 1890, and March 9, 1893..	1,602 72
Pier, new 36.....	New York, New Haven and Hartford Railroad Company, assignee.....	December 31, 1888, to December 31, 1898, with privilege of re- newal of ten years....	15,000 per ann. 17,000 "	By resolution, November 9, 1888, and minutes, March 9, 1893.....	15,000 00
Land under water for extension, Pier 49, 637 square feet.....	New York, New Haven and Hartford Railroad Company, assignee.....	At pleasure of the Board..	159.25 "	By resolution, May 12, 1892, and minutes, July 21, 1892.	159 24
Land under water for platform north of Pier 49, 4,210 square feet.....	New York, New Haven and Hartford Railroad Company, assignee.....	January 1, 1881, at pleas- ure of the Board.....	1,055 "	By resolutions, November 22, 1880; July 21, 1886, and September 12, 1895.....	1,055 00
Land under water for platform at bulkhead south of Pier 50, 19,080 square feet.....	New York, New Haven and Hartford Railroad Company.....	At pleasure of the Board..	4,770 "	By resolution, May 26, 1880.. By resolutions, May 7, 1874, and November 6, 1879.....	4,770 00
Land under water for platform between Piers 50 and 51, 10,725 square feet.....	Harlem River and Port Chester Railroad Com- pany.....	At pleasure of the Board..	2,681.25 "	By public sale, September 20, 1887.....	2,681 28
East half of Pier 51, west half of Pier 52, and bulkhead, etc., between.....	New York, New Haven and Hartford Railroad Company.....	May 1, 1888, to May 1, 1898.	8,000 "		4,000 00
Easterly half of Pier 51, westerly half of Pier 52, and small pier and bulkhead between.....	New York, New Haven and Hartford Railroad Company.....	August 1, 1898, to May 1, 1908.....	14,000 "	By resolution, July 1, 1898..	7,000 00
Land under water for platform between Piers 51 and 52, including shed, 8,378 square feet.....	New York, New Haven and Hartford Railroad Company.....	December 30, 1890, to May 1, 1898.....	2,194.50 "	By resolution, September 11, 1890, and minutes, August 4, 1892.....	1,645 89
Land under water for platform between Piers 51 and 52, including shed, 8,378 square feet.....	New York, New Haven and Hartford Railroad Company.....	August 1, 1898, to May 1, 1898.....	2,194.50 "	By resolution, July 1, 1898..	182 88
Land under water for platform west of Pier, old 53, 7,426 square feet.....	Duryea Brothers.....	At pleasure of the Board..	1,856.50 "	By resolutions, February 7 and April 25, 1895.....	1,856 52
Land under water for platform west side of Pier 53, 844 square feet.....	H. D. Mould.....	May 1, 1891, at pleasure of the Board.....	125 "	By resolutions, February 26 and April 2, 1891.....	62 50
Land under water for platform west side of Pier 53, 844 square feet.....	H. D. Mould.....	At pleasure of the Board..	211 "	By resolutions, May 20 and 27, 1898.....	98 34
Easterly half of Pier 53.....	John W. Sullivan.....	May 1, 1897, to May 1, 1901.	200 "	By public sale, July 16, 1896..	200 00
Westerly half of Pier 54 and bulkhead between Piers 53 and 54.....	John W. Sullivan.....	August 1, 1896, to May 1, 1901	50 "	By public sale, July 16, 1896..	50 00
Bulkhead foot of Corlears street, 60 feet.....	John A. McCarthy.....	May 1, 1897, to May 1, 1898	100 "	By public sale, April 14, 1897.	25 00
Bulkhead foot of Cherry street, 50 feet.....	W. L. Gerrish.....	May 1, 1897, to May 1, 1898	100 "	By public sale, April 14, 1897.	
Bulkhead foot of Cherry street, 50 feet.....	Lawrence, Son & Gerrish.....	At pleasure of the Board..	250 "	By resolutions, May 27 and June 3, 1898.....	187 50
Pier, old 60, with privilege for dumping-board and 200 feet of bulkhead northerly.....	John A. McCarthy.....	May 1, 1897, to May 1, 1900	1,800 "	By public sale, April 14, 1897.	1,800 00
Use of new-made land between Piers 60 and 61.....	Murtagh & McCarthy.....	At pleasure of the Board..	300 "	By resolutions, September 17 and October 29, 1896....	300 00
Land under water occupied by Pier, between Piers, old 58 and 59.....	Shanley & Ryan.....	At pleasure of the Board..	125 per mo.	Minutes, October 21, 1897, and December 9, 1897.....	1,375 00
Northerly half and outer end of Pier, old 61.....	Etzel & Son.....	May 1, 1897, to May 1, 1898	900 per ann.	By public sale, April 14, 1897.	225 00
Northerly half and outer end of Pier, old 61.....	Etzel & Son.....	May 1, 1898, to May 1, 1900	1,200 "	By public sale, April 18, 1898.	900 00
Use of new-made land between Piers 61 and 62.....	James Shewan & Sons.....	At pleasure of the Board..	100 "	By resolution, April 15, 1897.	58 33
South half of Pier 62 and bulkhead southerly, about 100 feet.....	James Shewan & Sons.....	At pleasure of the Board..	3,500 "	By resolutions, December 6, 1894, and April 25, 1895....	1,166 68
South half of Pier 62 and bulkhead southerly, about 100 feet.....	James Shewan & Sons.....	May 1, 1898, to May 1, 1900	4,000 "	By public sale, April 18, 1898.	3,000 00
One hundred and fifteen feet of the northerly side, inner end, of Pier 62, and 60 feet of bulkhead on Stanton street.....	H. A. Peck & Co.....	At pleasure of the Board..	1,500 "	{ By resolutions, December 6, 1894, and May 2, 1895.....	1,375 00
One hundred and thirty feet (adjoining H. A. Peck & Co.) on the northerly side of Pier 62.....	John T. Welch.....	At pleasure of the Board..	1,500 "	{ By resolutions, December 6, 1894, and May 3, 1895.....	1,500 00
Bulkhead at East Fourth street, 60 feet and return along the northerly side, 252 feet.....	Hencken & Co.....	At pleasure of the Board..	700 "	By resolution, April 30, 1896..	175 00
Ice bridge, etc., on Pier at Fifth street.....	Hazelwood Ice Company.....	At pleasure of the Board..	1,200 "	By resolutions, April 9 and 16, 1896, and April 23, 1897....	1,100 00
Pier at Ninth street, southerly half of Pier at Tenth street and bulkhead between.....	Estate of John Roach.....	At pleasure of the Board..	187.50 "	By resolutions, August 30, 1893, and September 13, 1894, and May 3, 1895.....	1,312 50
Pier at Ninth street, southerly half of Pier at Tenth street and bulkhead between.....	Estate of John Roach.....	At pleasure of the Board..	2,500 "	By resolution, May 27, 1898..	1,666 67
Northerly half of Pier at foot of Tenth street and southerly half of Pier at foot of Eleventh street.....	Estate of George Law.....	At pleasure of the Board..	1,500 "	{ By resolutions, March 8, 1892, and May 3, 1895.....	1,500 00

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED
Bulkhead at East Fourteenth street, 110 feet	Murray & Co.	At pleasure of the Board.	\$525 per ann.	By resolution, April 29, 1897.	\$131 25
Bulkhead at East Fourteenth street, 110 feet	Murray & Co.	July 1, 1898, to July 1, 1900	525 "	By resolution, June 3, 1898.	393 75
Bulkhead at East Fifteenth street, 65 feet	Consolidated Gas Company	May 1, 1894, to May 1, 1899	300 "	By public sale, April 27, 1894.	300 00
Bulkhead between East Seventeenth and East Eighteenth streets	Murray & Co.	At pleasure of the Board.	125 "	By resolution, May 14, 1896.	125 00
Bulkhead between East Seventeenth and East Eighteenth streets	Murray & Co.	July 1, 1898, to May 1, 1900.	125 "	By resolution, June 3, 1898.	125 00
Floating dump in front of bulkhead, between East Seventeenth and East Eighteenth streets	Murray & Co.	At pleasure of the Board.	250 "	By resolution, June 10, 1898.	141 44
Pier at East Eighteenth street, with reservation for public bath	Carroll Box and Lumber Company	May 1, 1895, to May 1, 1900, with privilege of renewal of five years.	4,000 1st term. Renewal at appraised rental	By resolution, October 25, 1894.	4,000 00
Inner 300 feet southerly side of Pier at East Twentieth street	H. L. Herbert & Co.	At pleasure of the Board.	\$31 25 per mo.	By resolution, September 9, 1898.	105 21
Bulkhead foot of East Twenty-second street	Brooklyn 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 30, 1891.	150 00
Bulkhead between East Twenty-fifth and East Twenty-sixth streets	Candee & 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, 1892.	4,500 00
Bulkhead at East Thirtieth street, 60 feet	William Hastorf	May 1, 1894, to May 1, 1899	250 per ann.	By public sale, April 27, 1894.	250 00
Dumping-board at foot of East Thirtieth street	William Hastorf	At pleasure of the Board.	20 per mo.	By resolutions, January 23 and April 9, 1896.	100 00
Floating dumping-board foot of East Thirtieth street	William Hastorf	At pleasure of the Board.	500 per ann.	By resolution, May 27, 1898.	311 69
Berth for steamer "Rosedale" at Pier foot East Thirty-first street	Bridgeport Steamboat Company	At pleasure of the Board.	60 per mo.	By resolution, May 6, 1897.	420 00
Berth for steamer "Shady Side" at Pier foot East Thirty-first street	North and East River Steamboat Company	At pleasure of the Board.	50 "	By resolution, May 6, 1897.	297 80
Berth for steamer "Belle Horton" at Pier foot East Thirty-first street	New York and Norwalk Steamboat Company	At pleasure of the Board.	50 "	By resolution, June 24, 1897.	131 66
Pier at foot of East Thirty-second street	John H. Starin	At pleasure of the Board.	1,400 per ann.	By resolution, May 4, 1897.	466 67
Pier at foot of East Thirty-second street	John H. Starin	June 1, 1892, to May 1, 1900	1,800 "	By public sale, May 31, 1898.	1,350 00
Pier at foot of East Thirty-third street	Consolidated Ice Company	March 1, 1898, to March 1, 1908.	1,800 "	By resolution, February 11, 1898.	1,200 00
Pier at foot of East Thirty-fifth street	William Turner	At pleasure of the Board.	750 "	By resolution, October 14, 1898.	519 39
Bulkhead foot of East Thirty-sixth street, 60 feet	Popham & Co.	May 1, 1895, to May 1, 1898	300 "	By public sale, April 1, 1895.	75 00
Bulkhead foot of East Thirty-sixth street	John Gallagher	At pleasure of the Board.	300 "	By resolution, September 2, 1898.	98 33
Pier at East Thirty-seventh street (with privilege of maintaining ice-bridge)	Baltimore and Ohio Railroad Company	May 1, 1897, to May 1, 1898	1,500 "	By public sale, April 14, 1897.	375 00
Pier foot of East Thirty-seventh street	Baltimore and Ohio Railroad Company	May 1, 1898, to May 1, 1900	2,000 "	By public sale, April 18, 1898.	1,500 00
Bulkhead platform between East Thirty-eighth and East Thirty-ninth streets	J. Parker Dodd	May 1, 1898, to May 1, 1900	500 "	By public sale, April 18, 1898.	250 00
Bulkhead and dump at East Thirty-ninth street	Albert H. Hastorf	At pleasure of the Board.	75 per mo.	By resolution, June 3, 1897.	500 00
Bulkhead foot of East Thirty-ninth street, 60 feet and return, about 145 feet, with privilege of maintaining dumping-board	Thomas Mumford	January 1, 1899, to January 1, 1904.	1,000 per ann.	By resolution, December 30, 1898.	.....
Bulkhead at foot of East Fortieth street, 60 feet	Equitable Gas-light Co.	May 1, 1895, to May 1, 1898	150 "	By public sale, April 1, 1895.	37 50
Bulkhead at foot of East Fortieth street, 60 feet	New Amsterdam Gas Company	May 1, 1898, to May 1, 1900	250 "	By public sale, April 18, 1898.	187 50
Bulkhead at foot of East Forty-first street, 60 feet	Equitable Gas-light Company	May 1, 1895, to May 1, 1898	110 "	By public sale, April 1, 1895.	27 50
Bulkhead at foot of East Forty-first street	New Amsterdam Gas Company	May 1, 1898, to May 1, 1900	250 "	By public sale, April 18, 1898.	187 50
Bulkhead at East Forty-second street	John Gallagher	At pleasure of the Board.	250 "	By resolution, July 23, 1896.	250 06
Bulkhead at foot of East Forty-third street, 60 feet	Lehigh Valley Railroad Company	May 1, 1895, to May 1, 1898	325 "	By public sale, April 1, 1895.	81 25
Bulkhead at foot of East Forty-third street, 60 feet	Lehigh Valley Railroad Company	May 1, 1898, to May 1, 1900	400 "	By public sale, April 18, 1898.	300 00
Bulkhead at foot of East Forty-fourth street, 65 feet	Lehigh Valley Railroad Company	May 1, 1895, to May 1, 1898	50 "	By public sale, April 1, 1895.	12 50
Bulkhead at foot of East Forty-fourth street	Lehigh Valley Railroad Company	May 1, 1898, to May 1, 1900	800 "	By public sale, April 18, 1898.	600 00
Bulkhead at foot of East Forty-fifth street	Schwarzschild & Sulzberger	May 1, 1898, to May 1, 1900	400 "	By public sale, April 18, 1898.	300 00
Northerly side and outer end of Pier at foot of East Forty-sixth street	Kane & Wright	May 1, 1898, to May 1, 1900	1,500 "	By public sale, April 18, 1898.	1,125 00
Bulkhead at East Forty-seventh street	Owens & Co.	At pleasure of the Board.	550 "	By resolutions, April 16, 1896, and August 3, 1896.	275 00
Bulkhead at East Forty-seventh street	Owens & Co.	At pleasure of the Board.	750 "	By resolution, August 12, 1898.	.....
Bulkhead at East Forty-eighth street	American Malting Company	May 1, 1898, to May 1, 1900	475 "	By public sale, April 18, 1898.	237 50
Land and land under water in front of southerly half of block between East Fifty-fourth and East Fifty-fifth streets, 6,701 square feet	Consumers' Brewing Company	July 1, 1893, to July 1, 1898 Privilege of renewal, five years.	150 " 200 2d term	By public sale, June 7, 1893.	175 00
Land under water in front of northerly half of block between East Fifty-fourth and East Fifty-fifth streets, 4,230 square feet	John Kress Brewing Company	July 1, 1893, to July 1, 1898 Privilege of renewal, five years.	150 per ann. 200 2d term	By public sale, June 7, 1893.	175 00
Land under water for coal-hoist near the bulkhead on northerly side of East Fifty-sixth street, 8-9 square feet	G. D. Curtis	September 1, 1887, at pleasure of the Board.	250 per ann.	By resolution, September 1, 1887.	62 50
Land under water for coal-hoist north of East Fifty-sixth street	Curtis & Blaisdell	At pleasure of the Board.	250 "	By resolutions, May 31 and July 8, 1898.	250 00
Site for bulkhead between East Fifty-sixth and East Fifty-seventh streets	Schmidt & Koehne	At pleasure of the Board.	100 "	By resolution, April 30, 1884.	100 00
Land under water between East Fifty-ninth and East Sixtieth streets, about 11,548 square feet	New York Steam Company	August 1, 1895, to August 1, 1906, with privilege of two renewals of ten years each.	1,000 per ann., 1st term 1,100 per ann., 2d term 1,210 per ann., 3d term	By public sale, July 16, 1896.	1,000 00
Filled-in land easterly of original high-water mark in front of southerly half of block between Sixty-second and Sixty-third streets, and platform in front of same	Farmers' Feed Company of New York and New Jersey	At pleasure of the Board.	600 per ann.	By resolution, May 17, 1895.	150 00
Filled-in land easterly of original high-water mark in front of southerly half of block between Sixty-second and Sixty-third streets, and platform in front of same	Farmers' Feed Company of New York and New Jersey	May 1, 1898, to May 1, 1900.	600 "	By public sale, April 18, 1898.	450 00
Filled-in land in front of northerly half of block between East Sixty-second and East Sixty-third streets, and platform in front of same	Ehrenreich Brothers	At pleasure of the Board.	480 "	By resolutions, May 9, 1895, and May 6, 1897.	120 00
Filled-in land in front of northerly half of block between East Sixty-second and East Sixty-third streets, and platform in front of same	Ehrenreich Brothers	May 1, 1898, to May 1, 1900.	600 "	By public sale, April 18, 1898.	450 00
Bulkhead at foot of East Sixty-third street, 65 feet	Neidlinger & Sons	May 1, 1895, to May 1, 1898.	500 "	By public sale, April 1, 1895.	125 00
Bulkhead at foot of East Sixty-third street, 65 feet	Neidlinger & Sons	May 1, 1898, to May 1, 1900.	750 "	By public sale, April 18, 1898.	562 50
Bulkhead between East Sixty-third and East Sixty-fourth streets, 225 feet	Adam Neidlinger, assignee.	June 1, 1892, to June 1, 1902.	700 "	By public sale, May 9, 1892, and minute, February 3, 1894.	700 00
Grain elevator on bulkhead between East Sixty-third and East Sixty-fourth streets, 125 feet	Neidlinger & Sons	At pleasure of the Board.	268.75 "	By resolutions, May 20 and September 3, 1898.	.....
Dumping-board on bulkhead between East Seventy-first and East Seventy-second streets	John A. Bouker	At pleasure of the Board.	600 "	By resolution, December 2, 1898.	.....
Bulkhead and dump foot of Seventy-third street	Albert H. Hastorf	At pleasure of the Board.	900 "	By resolutions, July 22 and August 18, 1897.	900 00
Land under water for bulkhead northerly of East Seventy-fourth street, 2,384 square feet	Thomas Patten	At pleasure of the Board.	479.12 "	By resolutions, November 21, 1897, and October 17 and November 14, 1898.	107 28
Land under water for bulkhead platform northerly of East Seventy-fourth street	Henry Rothschild	At pleasure of the Board.	595 "	By resolution, July 1, 1898.	447 00
Bulkhead platform, between East Seventy-eighth and East Seventy-ninth streets, about 190 feet, with ice-bridge 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, 1896.	125 00
Bulkhead platform, etc., between East Seventy-ninth and East Eightieth streets	Nathaniel Wise	May 1, 1898, to May 1, 1900	750 "	By public sale, April 18, 1898.	562 50
Land under water for platform, between East Eighty-first and East Eighty-second streets, 1,150 square feet	D. Brinkman	At pleasure of the Board.	337 50 "	By resolutions, May 27 and July 1, 1898.	152 84
Land under water, between East Eighty-first and East Eighty-second streets, lying between westerly side of platform and high-water mark, 900 square feet	D. Brinkman	At pleasure of the Board.	225 "	By resolution, October 14, 1898.	83 01
Pier at East Ninety-first street, with reservation for bath	Consolidated Ice Company	March 1, 1898, to March 1, 1908.	1,500 "	By resolution, February 11, 1898.	1,000 00
Northerly side of Pier at East Ninety-fourth street	Hencken & Co.	May 1, 1893, to May 1, 1903.	\$2,250 per ann. to May 1, 1898, and \$2,00 per ann. to May 1, 1903.	By resolution, April 13, 1893.	2,437 50
Dumping-boards between East Ninety-fourth and East Ninety-fifth streets	Albert H. Hastorf	At pleasure of the Board.	2,050 per ann.	By resolution, January 30, 1896.	512 50
Dumping-board between East Ninety-fourth and East Ninety-fifth streets	Albert H. Hastorf	May 1, 1898, to May 1, 1900	2,250 "	By public sale, April 18, 1898.	1,187 50
Bulkhead northerly of Pier at East Ninety-sixth street, about 140 feet	Solomon Mehrbach	May 1, 1894, to May 1, 1899	750 "	By public sale, April 27, 1894.	562 50
Harlem River.					
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.	83 33 per mo.	By resolution, July 23, 1897.	999 96
Bulkhead at foot of East One Hundred and Fourth street, with privilege of ice-bridge, about 100 feet	H. D. Mould	At pleasure of the Board.	1,000 per ann.	By resolutions, February 4 and May 7, 1898.	1,000 00
Bulkhead at East One Hundred and Fifth street, 60 feet	Kane & Wright	At pleasure of the Board.	400 "	By resolution, April 23, 1896.	100 00

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Bulkhead at East One Hundred and Fifth street, 60 feet.....	Kane & Wright.....	May 1, 1898, to May 1, 1900	\$750 per ann.	By public sale, April 18, 1898.	\$552 50
Dumping-board on northerly side of Pier at East One Hundred and Tenth street.....	Kane & Wright.....	At pleasure of the Board..	1,000 "	By resolutions, November 21, 1895, and April 23, 1896..	250 00
Northerly side of Pier at foot of East One Hundred and Tenth street, with dumping-board privilege.....	Kane & Wright.....	May 1, 1898, to May 1, 1900	1,500 "	By public sale, April 18, 1898.	1,125 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.....	\$3,500 per ann. 1st term, \$3,850 2d term.....	By resolutions, April 16, 1896, and April 8, 1897....	3,500 00
Pier at East One Hundred and Nineteenth street, with privilege of maintaining ice-bridge.....	William M. Montgomery.....	May 1, 1897, to May 1, 1900	1,125 per ann.	By public sale, April 14, 1897.	1,125 00
One hundred feet of bulkhead, north side of East One Hundred and Twenty-fifth street, and unpaved area in rear of same, about 10,000 square feet.....	Naughton & Co.....	At pleasure of the Board..	1,000 "	By resolutions, November 23 and December 9, 1898....	.....
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, 30.85 square feet.....	Yellow Pine Company.....	January 1, 1892, at pleasure of the Board.....	150 "	Minutes, October 20, 1892....	150 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..	500 "	By resolutions, April 4 and June 20, 1883.....	500 00
Bulkhead at foot of One Hundred and Fifty-sixth street, Harlem river.....	George C. Murphy.....	June 1, 1898, to May 1, 1900	150 "	By public sale, May 31, 1898..	75 00
Bulkhead at foot of One Hundred and Fifty-seventh street, about 40 feet.....	Estate of William Lynch.....	May 1, 1897, to May 1, 1900	1,010 "	By public sale, April 14, 1897.	.....
Land under water north of West One Hundred and Fifty-ninth street, Harlem river, extending northerly about 500 feet from the estate of William Lynch and about 350 feet in width from the established bulkhead-line westerly 143,500 square feet...	Manhattan Railway Company.....	December 29, 1897, to December 29, 1907, with privilege of one renewal of ten years.....	6,500 2d term 8,000 3d term	By resolutions, December 12, 1887, and November 18 and 24, 1897.....	6,500 00
Bulkhead at Sherman's creek, and shed at same.....	Consolidated Canal and Lake Company.....	June 1, 1897, to May 1, 1907, with two renewals of ten years each.....	\$100 per ann. first 2 years; \$4,800 per ann. next eight years; \$5,280 per ann. second term; \$5,808 per ann. third term.....	By resolutions, May 20, 1897, and September 2, 1897....	100 00
Float and runway at Two Hundred and First street.....	Harry Bronson.....	At pleasure of the Board..	100 per ann.	By resolution, May 14, 1896..	100 00
Land under water, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, about 56,275 square feet.....	Third Avenue Railroad Company.....	November 1, 1896, to November 1, 1906, with two renewal terms of ten years each.....	\$2,475 per ann. 1st term; \$2,722.50 per ann. 2d term; \$2,722.50 per ann. 3d term.	By public sale, October 14, 1896.....	2,250 00
Bulkhead at One Hundred and Forty-ninth street.....	Wilson, Adams & Co.....	At pleasure of the Board..	\$400 per ann.	By resolution, October 1, 1896	200 00
Land under water near One Hundred and Forty-sixth street, about 8,968 square feet ..	Church E. Gates & Co.....	August 1, 1896, to August 1, 1906, with one renewal term of ten years	\$500 per ann. 1st term; \$1,000 per ann. 2d term.....	By public sale, July 16, 1896, and resolution, July 23, 1896.....	500 00
A portion of bulkhead at Lincoln avenue.....	William Blumenauer.....	At pleasure of the Board..	\$25 per mo.	By resolution, July 23, 1896..	275 00
Float and approach at Willow avenue, Port Morris.....	Yorkville Yacht Club.....	At pleasure of the Board..	75 per ann.	By resolution, February 18, 1897.....	56 25
Pier at Fordham avenue, City Island.....	James R. Hawkins.....	May 1, 1897, to May 1, 1898.	100 "	By public sale, April 14, 1897.	25 00
Pier at Fordham avenue, City Island, with reservation for landing.....	New York Brick and Paving Company.....	June 1, 1898, to May 1, 1900.	100 "	By public sale, May 31, 1898.	25 00
Land under water covered by temporary pier foot of Tiffany street.....	John J. Dailey.....	At pleasure of the Board..	20 per mo.	By resolution, April 29, 1898.	170 00
Town Dock at Westchester.....	Watson H. Bowne.....	May 1, 1898, to May 1, 1900.	150 per ann.	By public sale, April 18, 1898.	112 50
BROOKLYN.					
Use of frame buildings between Forty-third and Forty-fourth streets.....	John A. Secor.....	At pleasure of the Board..	35 per mo.	By resolutions, March 4 and 18, 1898.....	404 20
Wharf property occupied by ferry structure foot of Atlantic avenue.....	Union Ferry Company.....	Holding over.....	2,000 per ann.	.....	2,000 00
Pier No. 1, Wallabout basin, and half the bulkheads on each side.....	Pennsylvania Railroad Company.....	Ten years from date of completion, with two renewals of ten years each.....	12,000 1st term 13,000 2d term 14,520 3d term	By resolution, November 18, 1898.....	.....
Pier No. 2, Wallabout basin.....	Consolidated Ice Company.....	March 1, 1898, to March 1, 1908.....	2,500 per ann.	By resolution, February 11, 1898.....	1,666 66
South side of Pier foot of South Fifth street.....	Degnon-McLean Construction Company.....	At pleasure of the Board..	80 per mo.	By resolution, June 24, 1898..	800 00
Berth for landing steamers at Pier foot of South Fifth street.....	John H. Starin.....	At pleasure of the Board..	1,200 for season	By resolutions, May 20 and 27, 1898.....	1,200 00

LEASES of Ferry Franchises and Wharf Property used for Ferry Purposes.

LOCATION.	LESSEES.	TERM OF LEASE.	RENT.	RIGHT OF OCCUPANCY.	RECEIVED.
North River.					
Liberty street to Communipaw.....	Central Railroad Company of New Jersey.....	December 21, 1897, to December 21, 1902.....	\$10,000 per ann.	By public sale, December 21, 1897.....	\$10,000 00
Cortlandt street to Jersey City.....	Associates of the Jersey Company.....	February 1, 1888, to February 1, 1898.....	10,000 "	By public sale, April 25, 1888 }	13,250 00
Cortlandt street to Jersey City.....	Associates of the Jersey Company.....	May 1, 1898, to May 1, 1908	11,000 "	By public sale, June 27, 1898 }	.....
Barclay street to Hoboken.....	Hoboken Ferry Company.....	March 1, 1895, to March 1, 1905.....	20,104.25 "	By public sale, March 22, 1895	20,104 24
Chambers street to Jersey City.....	Erie Railroad Company.....	May 1, 1897, to May 1, 1902.....	5 per cent. of gross receipts and not less than \$8,500..	By public sale, March 29, 1897	8,500 00
Jay street to Weehawken.....	New York Central and Hudson River Railroad Company.....	April 1, 1897, to April 1, 1902	\$3,500 per ann.	By public sale, March 29, 1897	3,500 00
Desbrosses street to Jersey City.....	Associates of the Jersey Company.....	February 1, 1888, to February 1, 1898.....	7,000 "	By public sale, April 25, 1888.	7,000 00
Desbrosses street to Jersey City.....	Associates of the Jersey Company.....	May 1, 1898, to May 1, 1908	7,200 "	By public sale, June 27, 1898..	7,200 00
Christopher street to Hoboken.....	Hoboken Ferry Company.....	March 1, 1895, to March 1, 1905.....	22,500 "	By public sale, March 22, 1895	22,500 00
South of West Thirteenth street to Jersey City.....	Pennsylvania Railroad Company.....	May 1, 1890, to May 1, 1900	2,501 "	By public sale, August 21, 1890	2,501 00
West Fourteenth street to Hoboken.....	Hoboken Ferry Company.....	March 1, 1895, to March 1, 1905.....	8,584 "	By public sale, March 22, 1895	8,584 00
West Twenty-third street to Jersey City.....	Pennsylvania Railroad Company.....	January 1, 1896, to January 1, 1906.....	22,500 per ann. for wharf property and 5 per cent. of gross receipts, New York side..	By public sale, September 11, 1895.....	19,137 43
West Twenty-third street to Jersey City.....	Erie Railroad Company.....	December 21, 1897, to December 21, 1902.....	11,840.91 per ann	By public sale, December 21, 1897.....	9,237 53
West Forty-second street to Weehawken.....	New York Central and Hudson River Railroad Company.....	May 1, 1897, to May 1, 1902.	11,000 "	By public sale, March 29, 1897.	11,000 00
West One Hundred and Thirtieth street to Fort Lee.....	Riverside and Fort Lee Ferry Company.....	June 1, 1895, to June 1, 1905	3,000 "	By public sale, May 27, 1895	3,000 00
East River.					
Whitehall street to Staten Island.....	New York Harbor and Staten Island Ferry Company.....	June 1, 1894, to June 1, 1904.....	\$21,500 per ann. for wharf property and 5 1/2 per cent. of gross receipts; not to be less than \$22,500.	By public sale, September 29, 1894.....	44,270 24
Whitehall street to Hamilton avenue, Brooklyn.....	Union Ferry Company.....	September 8, 1893, to May 1, 1901.....	7 1/2 per cent. of gross receipts.....	By public sale, October 26, 1893.....	61,066 40
Whitehall street to Atlantic avenue, Brooklyn.....	Union Ferry Company.....	September 8, 1894, to May 1, 1901.....	7 1/2 per cent. of gross receipts.....	By public sale, October 26, 1893.....	from all ferries leased by Union Ferry Company.
East River.					
Pier 2 to South Brooklyn.....	New York and South Brooklyn Ferry and Transportation Company.....	December 21, 1897, to December 21, 1902.....	5 per cent. of gross receipts and not less than \$7,000; wharf property \$1,000.....	By public sale, December 21, 1897.....	5,250 75
Wall street to Montague street, Brooklyn.....	Union Ferry Company.....	September 8, 1893, to May 1, 1901.....	7 1/2 per cent. of gross receipts.....	By public sale, October 26, 1893.....	.....
Pine street to Long Island City.....	Long Island Railroad Company.....	December 21, 1897, to December 21, 1899, with privilege of four renewals.....	5 per cent. of gross receipts and not less than \$500.....	By public sale, December 21, 1897.....	.....
Fulton street to Fulton street, Brooklyn.....	Union Ferry Company.....	September 8, 1893, to May 1, 1901.....	7 1/2 per cent. of gross receipts	By public sale, October 26, 1893.....	.....

LOCATION.	LESSEES.	TERM OF LEASE.	RENT.	RIGHT OF OCCUPANCY.	RECEIVED.
Roosevelt street to Broadway and South Eighth street, Brooklyn.....	Brooklyn Ferry Company of New York.....	March 1, 1888, to March 1, 1898.....	\$20,000 per ann.	By public sale, March 9, 1888.....	\$8,333 33
Catharine street to Washington street, Brooklyn.....	Union Ferry Company.....	May 1, 1898, to May 1, 1908. September 8, 1893, to May 1, 1901.....	20,000 " 7 1/2 per cent. of gross receipts	By public sale, June 27, 1898. By public sale, October 26, 1893.....	15,000 00
James slip to Long Island City.....	Long Island Railroad Company.....	May 1, 1893, to May 1, 1898.....	\$8,000 per ann.	By public sale, April 21, 1893.....	2,000 00
Grand street to Grand street, Brooklyn.....	Brooklyn Ferry Company of New York.....	May 1, 1898, to May 1, 1908. January 1, 1888, to January 1, 1898.....	8,000 " 1,500 "	By public sale, August 23, 1898. By public sale, December 20, 1887.....	6,000 00 500 00
Grand street to Broadway, Brooklyn.....	Brooklyn Ferry Company of New York.....	May 1, 1889, to May 1, 1899	15,000 "	By public sale, April 5, 1889..	15,000 00
East Houston street to Grand street, Brooklyn.....	Nassau Ferry Company.....	May 1, 1893, to May 1, 1898	9,500 "	By public sale.....	9,500 00
East Tenth street to Greenpoint.....	Brooklyn Ferry Company of New York.....	May 1, 1898, to May 1, 1908 February 1, 1893, to February 1, 1898.....	9,500 " 5,000 "	By public sale, June 27, 1898 By public sale, February 16, 1893.....	..... 2,500 00
East Tenth street to Greenpoint.....	Brooklyn Ferry Company of New York.....	August 1, 1898, to May 1, 1908.....	5,500 "	By public sale, July 22, 1898..	2,750 00
East Twenty-third street to Broadway, Brooklyn.....	Brooklyn Ferry Company of New York.....	May 1, 1894, to May 1, 1904	13,417 " 5 per cent. of gross receipts, and not less than \$10,000; wharf property \$10,000.....	By public sale, May 21, 1894..	13,417 00
East Twenty-third street to Greenpoint.....	Brooklyn Ferry Company of New York.....	June 1, 1891, to June 1, 1896. Holding over..	.....	.....	3,333 33
East Twenty-third street to Greenpoint.....	Brooklyn Ferry Company of New York.....	May 1, 1898, to May 1, 1908	21,000 per ann.	By public sale, May 31, 1898	15,750 00
East Thirty-fourth street to Long Island City.....	Long Island Railroad Company.....	May 1, 1888, to May 1, 1898	10,000 "	By public sale, March 30, 1888	5,000 00
East Thirty-fourth street to Long Island City.....	Long Island Railroad Company.....	May 1, 1898, to May 1, 1908	12,000 " 5 per cent. of gross receipts, and not less than \$2,500; wharf property \$700.....	By public sale, August 23, 1898	9,000 00
East Ninety-second street to Astoria.....	New York and East River Ferry Company.....	May 1, 1894, to May 1, 1899.....	.....	By public sale, January 21, 1895.....	3,200 00
East Ninety-second street to Astoria.....	New York and East River Ferry Company.....	May 1, 1899, to May 1, 1904.....	.....	.....	.....
East Ninety-ninth street to College Point.....	New York and College Point Ferry Company.....	December 21, 1897, to December 21, 1902.....	2,500 per ann.	By public sale, December 21, 1897.....	2,500 00
Brooklyn.					
Brooklyn to Jersey City.....	Pennsylvania Railroad Company.....	November 19, 1877, to January 1, 1879. Holding over	1,500 "	Lease, November 19, 1877....	1,375 00
Richmond.					
Port Richmond, S. I., to Bergen Point, N. J.....	Port Richmond and Bergen Point Ferry Company	August 1, 1897, to August 1, 1909.....	300 "	Lease, December 22, 1897....	300 00

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

LOCATION.	PRIVILEGE.	TO WHOM GRANTED.	RENT.	WHEN GRANTED.
North River.				
Battery platform.....	Landing for steamboat "Al. Foster".....	Al. Foster Steamboat Company.....	\$5 00 per day.....	Jan. 6, 1898
".....	" "Angler".....	".....	4 00 ".....	" 6, "
".....	" "Guide".....	Capt. J. L. Killmer.....	4 00 ".....	July 22, "
".....	" "Defender".....	William P. Rae & Co.....	3 00 ".....	" 22, "
".....	" "John Sylvester".....	C. H. Post.....	5 00 ".....	Aug. 19, "
".....	Landing for steamboats "Grand Republic" and "General Slocum".....	Knickerbocker Steamboat Company.....	10 00 " each boat..	Feb. 11, 1897
Pier, old 42.....	Berth for steamboats "Peekskill" and "Fannie Woodhall".....	George Morton.....	5 00 ".....	" 18, 1898
Pier, new 43.....	Privileges on recreation structure.....	P. J. Casey.....	1 00 per week.....	Apr. 7, "
Bulkhead at West Tenth street.....	Berth for oyster boats.....	J. & J. Elsworth Company.....	1 50 per day.....	May 27, "
".....	".....	Alex. Fraser.....	3 00 ".....	" 27, "
".....	".....	A. F. Merrill.....	1 80 ".....	" 27, "
".....	".....	I. P. Mesereau.....	3 40 ".....	" 27, "
".....	".....	Mathew Foster.....	1 80 ".....	" 27, "
".....	".....	Still & Patterson.....	1 40 ".....	" 27, "
".....	".....	William Simonson.....	1 60 ".....	" 27, "
".....	".....	Stringham Oyster Company.....	2 00 ".....	" 27, "
".....	".....	Van Orden Bros.....	1 60 ".....	" 27, "
".....	".....	R. F. Williams.....	1 80 ".....	" 27, "
".....	".....	J. I. Housman.....	1 80 ".....	June 3, "
".....	".....	J. I. Housman, Jr.....	1 90 ".....	" 3, "
".....	".....	L. S. Lake.....	1 80 ".....	" 3, "
Bulkhead between Piers, old 58 and 58 1/2.....	Sand on bulkhead.....	Joseph T. Hackett.....	30 00 per month.....	Apr. 22, "
Pier at West Thirteenth street.....	Berth on south side.....	Citizens' Steamboat Company.....	5 00 per day.....	Dec. 2, "
Pier at West Seventeenth street.....	Berth for barges.....	Slingerland & Co.....	2 00 " each barge..	Oct. 14, "
Pier at West Twentieth street.....	Berth for bath.....	M. C. Dexter.....	5 00 ".....	Apr. 22, "
Newly-made land between Twenty-ninth and Thirtieth streets.....	To pile coal dust.....	Stokes & Thedford.....	10 00 per month.....	June 3, "
Pier at West Thirty-fourth street.....	Berth for steamship "New York".....	International Navigation Company.....	10 00 per day.....	Dec. 2, "
Pier at West Thirty-fifth street.....	Berth for float.....	Joseph May.....	22 00 per month.....	Oct. 7, "
Bulkhead between West Fifty-second and Fifty-third streets.....	Berth for scow.....	John Donnelly.....	2 00 per day.....	July 3, 1895
Bulkhead between West Fifty-fourth and Fifty-fifth streets.....	Platform scales.....	Sicilian Asphalt Company.....	25 00 per annum.....	May 27, 1898
Pier at West Fifty-sixth street.....	Berth for floating hospital.....	St. John's Guild.....	5 00 for season.....	Oct. 7, "
Pier foot of West Seventy-ninth street.....	Cable box.....	Postal Telegraph Company.....	2 00 per month.....	April 6, 1893
Bulkhead at West Eightieth street.....	Hoisting machine, etc.....	Thomas Ward.....	30 00 ".....	May 27, 1898
Pier at West One Hundred and Thirty-eighth street.....	Boat-house, south side of pier.....	Peter Conroy.....	2 00 per month, June to December..... 50 per month January to May.....	" 20, "
West One Hundred and Forty-eighth street.....	Bath-house.....	Mary Claffey.....	60 00 per annum.....	July 1, "
" Fifty-third street.....	".....	Frederick Schafer.....	175 00 ".....	" 1, "
" Fifty-fifth street.....	Boat-house.....	Drew & Stever.....	2 00 per month.....	April 1, "
" Fifty-sixth street.....	".....	Waverly Boat Club.....	6 00 ".....	May 27, "
" Fifty-eighth street.....	Float.....	Frederick T. Volk.....	1 00 ".....	" 27, "
" Sixty-second street.....	".....	Hillside Boat Club.....	1 00 ".....	June 10, "
" ".....	Bath-house and float.....	James Veitch.....	12 50 ".....	May 27, "

LOCATION.	PRIVILEGE.	TO WHOM GRANTED.	RENT.	WHEN GRANTED.
West One Hundred and Sixty-third street Between West One Hundred and Sixty-eighth and West One Hundred and Sixty-ninth streets.	Bath-houses, etc. Boat-house.	E. Keenan John Wagner.	\$12 50 per month 5 00 "	May 27, 1898 " 27, "
<i>East River.</i>				
Pier, new 32	Tally-house and freight shed.	North and East River Steamboat Company.	\$5 00 per day	June 3, "
Pier at East Third street.	Berth for floating hospital.	St. John's Guild.	50 "	April 22, "
"	Privileges on recreation structure.	J. J. Stringer	1 00 per week	" 7, "
" Fifth street.	Berth for bath.	H. L. Emerson	5 00 per day	Mar. 11, "
" Twenty-fourth street.	Privileges on recreation structure.	Dennis Gray	1 00 per week	Apr. 7, "
" Twenty-ninth street.	Bath-houses	James Monahan	5 00 per day	June 3, "
Bulkhead between East Thirty-seventh and East Thirty-eighth streets	Shed on new-made land.	Cornelius Gallagher.	150 00 per annum	Feb. 27, 1895
East Forty-fifth street	Buildings on bulkhead.	Schwarzschild & Sulzberger.	10 00 per month	May 27, 1898
East Fifty-sixth street	Platform.	Curtis & Blaisdell.	12 50 per month	Dec. 23, "
Bulkhead between East Fifty-sixth and East Fifty-seventh streets.	To use and occupy	Schmitt & Schwanenflugel.	100 00 per annum	June 3, "
East Ninety-first street.	Berth for float.	Hell Gate Life-Saving Corps.	5 00 for privilege.	Oct. 28, 1897
<i>Harlem River.</i>				
Bulkhead between East One Hundred and Second and East One Hun- dred and Third streets.	Float.	Andrew Enkemier.	\$10 00 per month	May 20, 1898
East One Hundred and Ninth street.	"	Hiram McDonald.	10 00 "	" 13, "
East One Hundred and Twelfth street	Privileges on recreation structure.	John Thomas	1 00 per week	Aug. 30, "
East One Hundred and Twenty-fourth street.	Boat-house and float.	Joseph H. Golding.	15 00 per month	Mar. 11, "
East One Hundred and Thirtieth street.	"	Bohemian Boat Club.	10 00 "	July 8, "
Lexington avenue.	Berth for towboats.	George M. Connell.	35 00 "	May 27, "
"	Berth for boat-house.	W. Oliver.	10 00 "	Jan. 28, 1892
"	"	Metropolitan Rowing Club.	5 00 "	June 24, 1898
"	"	Nassau Boat Club.	5 00 "	May 11, 1892
Lenox avenue.	"	Union Boat Club.	5 00 "	July 15, 1898
"	"	Nonpareil Boat Club.	5 00 "	June 10, "
West One Hundred and Forty-eighth street.	"	Jacob Kohlman.	100 00 per annum	May 27, "
West One Hundred and Fifty-first street.	Coal-hoist.	M. D. Williamson.	142 50 "	July 1, "
West One Hundred and Fifty-third street.	Boat-house.	Lone Star Boat Club.	5 00 per month	June 3, "
"	"	M. Murrav.	10 00 "	July 8, "
West One Hundred and Forty-ninth street.	"	Dauntless Boat Club.	5 00 "	Mar. 25, 1897
West One Hundred and Fifty-fourth street.	"	James Moss.	5 00 per month, May to October 2 50 per month, No- vember to April	Nov. 5, 1896
<i>Long Island Sound.</i>				
East One Hundred and Thirty-eighth street.	Float.	John Barth.	\$1 00 per month	May 27, 1898
Bungay street.	Boat-house.	Morris Deitsch.	5 00 "	Sept. 22, 1892
Unionport.	Use of dock.	New York Sand and Gravel Company.	25 00 "	June 10, 1898
Baychester.	Float and bridge.	Ferdinand Grass.	12 00 per annum	Apr. 29, "
<i>Brooklyn.</i>				
Coney Island creek.	Float.	Parker Lawless.	\$1 00 per month	July 1, 1898
Wallabout Basin.	Ice-bridge.	August Grill	2 00 per day	Mar. 25, "
"	Ice platform and scales.	John T. Welsh	2 50 "	Apr. 29, "
"	Berth.	Thomas E. Neville.	1 00 "	May 25, "
Forty-third and Forty-fourth streets.	Boat-house.	Excelsior Yacht Club.	12 00 per annum	Mar. 11, "
<i>Queens.</i>				
Whitestone Landing	Boat-house.	Frank Bocren.	\$25 00 per annum	Oct. 14, 1898

APPORTIONMENT OF AUDITED DISBURSEMENTS FOR THE YEAR ENDING DECEMBER 31, 1898,

Showing in Detail the Cost of Construction and Repair Work, and General Expenses Incident to
Same, for each Borough; also Expenditures for Acquisition of Wharf Property, Adminis-
trative Purposes, etc.

WORK OF CONSTRUCTION—BOROUGH OF MANHATTAN.

	EXPEN- DITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For bulkhead-wall and boat landing east of Pier "A." Length completed, 171 feet.		
For breakwater at boat landing east of Pier "A."		\$4,940 41
For bulkhead-wall from a point south of Pier "A" to a point north of Pier, new 1, North river. Length completed, 27 feet.		
For bulkhead-wall, etc., at Cedar Street Section—Resolution November 29, 1893.		129 42
For bulkhead-wall, etc., at Dey Street Section—Resolution June 26, 1895. Length completed, 2 feet.		9,947 68
For bulkhead-wall, etc., at West Washington Market Section—Resolutions Feb- ruary 5, 88, and July 9, 1891. Length completed, 578.1 feet.		275,353 33
For bulkhead-wall, etc., at Warren Street Section—Resolution May 25, 1893. Length completed, 246.26 feet.	\$4,754 95	76,385 60
For bulkhead-wall, etc., at Chambers Street Section—Resolutions November 24, 87, and November 21, 187. Length completed, 651.80 feet.		244,070 09
For bulkhead-wall, etc., at Jay Street Section—Resolutions September 18, 1891, and January 2, 1892. Length completed, 21.67 feet.		86,407 45
For bulkhead-wall, etc., at Franklin Street Section—Resolutions October 6, 1887, and November 13, 189. Length completed, 415.9 feet.		137,263 78
For bulkhead-wall, etc., at North Moore Street Section—Resolution April 28, 88. Length completed, 3,002.3 feet.		
For bulkhead-wall, etc., at Beach Street Section—Resolution July 16, 1879. Length completed, 66 feet.		
For bulkhead-wall, etc., at Lighthouse Street Section—Resolutions July 30 and No- vember 1, 1880; September 20, 88, and July 12, 1895. Length completed, 595.43 feet.		
For bulkhead-wall, etc., at Watts Street Section—Resolution June 17, 1898.	16,749 34	16,749 34
For bulkhead-wall, etc., at Canal Street Section Extended—Resolution December 10, 1891. Length completed, 113.71 feet.	75 52	73,098 23
For bulkhead-wall, etc., at Canal Street Section—Resolution June 13, 1892. Length completed, 332.74 feet.		
For bulkhead-wall, etc., at Spring Street Section—Resolution September 7, 1877. Length completed, 139.07 feet.		
For bulkhead-wall, etc., at Charlton Street Section—Resolution September 5, 1879. Length completed, 106.7 feet.		144,646 68
For bulkhead-wall, etc., at King Street (old) Section. Length completed, 148.41 feet.		
For bulkhead-wall, etc., at King Street (new) Section—Resolution July 28, 1896. Length completed, 114.40 feet.		
For bulkhead-wall, etc., at Clarkson Street (lower) Section. Length completed, 152.91 feet.		
For bulkhead-wall, etc., at West Houston Street Section—Resolution December 20, 176. Length completed, 109.89 feet.		
For bulkhead-wall, etc., at Clarkson Street (upper) section. Length completed, 102.51 feet.		
For bulkhead-wall, etc., at Leroy Street Section—Resolution December 27, 1876. Length completed, 61.46 feet.		
For bulkhead-wall, etc., at Morton Street Section—Resolution December 27, 1876. Length completed, 151.31 feet.		
For bulkhead-wall, etc., at Christopher Street Section—Resolution September 26, 1873. Length completed, 1,091.22 feet.		
For bulkhead-wall, etc., at Perry Street Section—Resolution February 17, 1896. Length completed 96.56 feet. Work abandoned and removed in consequence of a change in the bulkhead-line by the United States Government, a d its cost, viz., \$43,128.67, transferred as a general charge to Gansevoort Section.		
For bulkhead-wall, etc., at Gansevoort Section—Resolutions October 15, 1896, and June 17, 1897. Length completed, 1,142 feet.	\$343,751 93	\$794,063 50
For preparation of plans for improving water-front between Gansevoort and West Twenty-third Street Sections.	193 26	193 26
For bulkhead-wall, etc., at West Twenty-third Street Section—South end— Resolutions November 5, 1880, and April 8, 1897. Length completed, 1,229.64 feet.	81 97	
For bulkhead-wall, etc., at West Twenty-third street Section—North end— Resolutions June 28, 1882, and April 8, 1897. Length completed, 615.42 feet.	37 06	
For bulkhead-wall, etc., at West Thirty-first street Section—Resolutions August 8, and September 19, 1883, and April 8, 1897. Length completed, 257.50 feet.		
For bulkhead-wall, etc., at West Thirty-second Street Section—Resolutions October 22, 1885, and April 8, 1897. Length completed, 515 feet.		178,189 69
For bulkhead-wall, etc., at West Thirty-third street Section—Resolutions February 20, 189, and April 8, 1897. Length completed, 98.75 feet.	1,500 53	41,724 11
For bulkhead-wall, etc., at West Thirty-fourth street Section—Resolution March 11, 1897. Length completed 194 feet.	40,148 04	67,815 35
For bulkhead-wall, etc., at West Forty-third street Section—Resolution Sep- tember 3, 1891. Length completed, 220.87 feet.		86,919 10
For bulkhead-wall, etc., at West Fifty-second street Section—Resolutions October 6, 1887, February 6, 1889, and June 20, 1895. Length completed, 1,447.96 feet.	119 90	487,303 72
For bulkhead-wall, etc., at W-st Fifty-seventh street Section—Resolution August 1, 1899. Length completed, 762.50 feet.		260,732 67
For preparation of plans for improving water-front on the East river, between Whitehall and Montgomery streets.	42 69	42 69
For preparation of plans for improving water-front on the East river, between Montgomery and Catharine streets.	70 15	70 15
For bulkhead-wall, etc., at Catharine street Section.	330 93	330 93
For preparation of plans for improving water-front on the East river between Jackson and Grand streets.	18 94	18 94
For bulkhead-wall, etc., at Stanton Street Section—Resolution March 1, 1893. Length completed 4,470.7 feet.	84 06	114,077 60
For preparation of plans for improving water-front on East river, between East Eighteenth and East Twenty-second streets.		236 65

	EXPENDITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For bulkhead-wall, etc., at East Twenty-fourth street Section—Resolutions April 25, 1889, and June 18, 1891. Length completed, 340.60 feet.....	.....	\$103,375 41
For bulkhead-wall, etc., East Twenty-fifth street Section—Resolution October 27, 1892. Length completed, 276.24 feet.....	\$13 10	76,982 60
For bulkhead-wall, etc., at Bellevue Section—Resolutions April 25, 1889, and June 18, 1891. Length completed, 543.81 feet.....	.....	148,432 97
For bulkhead-wall, etc., at East Fifty-ninth street Section—Resolution May 3, 1894.....	.....	1,045 93
For bulkhead-wall, etc., between East Seventy-sixth and East Seventy-eighth streets.....	.....	10,278 22
For bulkhead-wall, etc., at East Ninety-first street Section—Resolutions May 25, 1893, and June 20, 1895. Length completed, 260.54 feet.....	53 72	96,369 90
For bulkhead-wall, etc., at East Ninety-fourth Street Section—Resolutions April 25, 1889, and June 18, 1891. Length completed, 361.29 feet.....	263 78	113,316 90
For bulkhead-wall, etc., at East Ninety-sixth Street Section—Resolution October 31, 1889. Length completed, 200.47 feet.....	.....	57,522 21
For bulkhead-wall, etc., at East Ninety-ninth Street Section—Resolutions September 1, 1892, and June 20, 1895. Length completed, 246.06 feet.....	5 93 1 36	89,060 95
For bulkhead-wall, etc., at East One Hundred and Second Street Section—Resolutions July 17, 1890, and May 21, 1891. Length completed, 848.65 feet.....	39 00	237,617 33
For bulkhead-wall, etc., at East One Hundred and Tenth Street Section—Resolutions April 25, 1889, and June 18, 1891. Length completed, 750.85 feet.....	.....	199,979 45
For bulkhead-wall, etc., at East One Hundred and Sixteenth Street Section—Resolution May 29, 1896. Length completed, 109.77 feet.....	.....	36,888 32
For bulkhead-wall, etc., at East One Hundred and Twenty-fifth Street Section—Resolution March 28, 1889. Length completed, 362.70 feet.....	.....	100,937 23
For crib-bulkhead, etc., 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.....	29,076 04	29,543 65
For 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.....	.....	127,469 83
For crib-bulkhead, etc., in Sherman's creek, Harlem river.....	19,594 99	167,035 16
For paving new marginal street vicinity of piers, new 21 and new 23, North river.....	72 44	.....
For paving new marginal street between West Eleventh and Gansevoort streets, North river.....	1,738 19	576,856 09
For paving new marginal street between West Twenty-fifth and West Twenty-ninth streets, North river.....	33,314 07	.....
For paving new marginal street vicinity of West Fifty-first street, North river.....	5,347 25	.....
For paving new marginal street along East river.....	.....	1,068 62
For paving new marginal street along Harlem river.....	.....	4,101 45
For preparation of plans for extending Pier, new 1, North river, to pierhead line of 1897—Resolution September 7, 1898.....	670 88	670 88
For Pier, new 14, North river, near foot of Fulton street—Resolutions November 6, 1890, and April 28, 1892.....	.....	265,596 42
For Pier, new 15, North river, between Vesey and Barclay streets.....	.....	69,565 22
For Pier, new 20, North river, near foot of Chambers street, including extension to pierhead line of 1890.....	15,757 92	84,350 40
For Pier, new 21, North river, near foot of Duane street, including extension to pierhead line of 1890.....	17,952 38	114,826 29
For preparation of plans for extending Pier, new 29, North river, at foot of Vestry street.....	54 85	54 85
For Pier, new 31, North river, at foot of Watts street.....	20,981 65	20,981 65
For Pier, new 37, North river, at foot of Charlton street, including extension to pierhead line of 1890.....	.....	110,088 79
For Pier, new 41, North river, at foot of Leroy street.....	.....	74,178 42
For Pier, new 42, North river, at foot of Morton street, including extension to pierhead line of 1890.....	.....	82,933 07
For Pier, near foot of West Eleventh street, North river.....	61,804 32	141,990 90
For Pier, near foot of Bank street, North river.....	149,880 23	173,333 43
For Pier, near foot of Bethune street, North river.....	135,957 99	170,732 93
For Pier, at foot of Jane street, North river.....	156,360 28	162,246 50
For Pier, near foot of Gansevoort street, North river.....	72,442 03	109,150 65
For temporary Pier, old 56½, North river, north of Gansevoort street.....	.....	9,051 65
For temporary extension at north side, outer end, of Pier, old 56½, North river, for "Oyster Basin"—Resolution August 26, 1898.....	1,672 29	3,682 38
For removal of Pier, old 57, North river, for "Oyster Basin"—Resolution August 26, 1898.....	2,010 09	.....
For Pier, north of Bloomfield street, North river—Resolution August 26, 1898.....	15,017 04	15,017 04
For temporary Pier, old 58½, North river, between Bloomfield and Little West Twelfth streets.....	.....	8,545 50
For extending Pier, old 59, North river, at foot of Little West Twelfth street, to pierhead line of 1890.....	.....	4,518 04
For Pier, new 53, North river, near foot of West Twenty-third street.....	.....	57,938 52
For Pier at West Thirty-fourth street, North river—Resolution February 11, 1898.....	79,627 12	79,643 42
For preparation of plans for Pier at West Forty-third street, North river—Resolution September 2, 1898.....	150 83	150 83
For Pier at foot of West Fiftieth street, North river, including extension to pierhead line of 1897.....	66,860 53	117,613 21
For extending Pier at West One Hundred and Twenty-ninth street, North river.....	56,140 78	56,591 44
For passenger and freight shed on Pier at West One Hundred and Twenty-ninth street, North river.....	118 08	2,252 24
For extending Pier at West One Hundred and Thirty-second street, North river.....	87 96	31,672 43
For extending Pier at West One Hundred and Thirty-third street, North river.....	366 69	456 17
For extending Pier at West One Hundred and Fifty-eighth street, North river.....	36 35	178 79
For examination of water-front at West One Hundred and Sixty-Fifth street, North river, for proposed pier.....	.....	19 08
For Pier at Catharine street, East river, including removal of Pier 35 and its appurtenances.....	2,176 76	4,050 56
For removal of Pier 44, East river, at upper side of Rutgers street, preparatory to construction of new pier.....	.....	57 57
For extending Pier 48, East river, at foot of Clinton street to pierhead line of 1890—Resolution December 16, 1898.....	57 74	57 74
For Pier at East Fourth street, East river.....	19,622 83	19,622 83
For Pier at foot of East Eighteenth street, East river—Resolution January 29, 1891.....	.....	62,940 35
For Pier at East Twentieth street, East river—Resolution February 11, 1893.....	44,593 10	44,593 10
For Pier at foot of East Sixtieth street, East river—Resolution February 8, 1894.....	.....	22,488 56
For Pier at foot of East Sixty-first street, East River—Resolution February 8, 1894.....	.....	34,462 46
For Pier at foot of East Sixty-second street, East river—Resolution February 8, 1894.....	.....	44,682 53
For Pier at East One Hundred and Twelfth street, Harlem river.....	9,292 04	18,540 51
For Pier at foot of East One Hundred and Sixteenth street, Harlem river.....	.....	13,312 56
<i>Piers set apart for recreation purposes in accordance with section 837 of "The Greater New York Charter."</i>		
For Recreation Building on Pier, new 43, North river, at foot of Barrow street.....	85,054 73	\$88,212 78
For Recreation Building on Pier at West Thirty-fifth street, North river.....	.....	3,489 69
For Recreation Building on Pier at West Fiftieth street, North river.....	456 29	4,050 78
For Recreation Building on Pier at West Fifty-second street, North river.....	.....	3,865 56
For Recreation Building on Pier at East Third street, East river. (Iron awning shed—Removed for larger structure.....	.....	4,065 71
For Recreation Building on Pier at East Third street, East river.....	13,969 50	84,231 41
For Recreation Building on Pier at East Twenty-fourth street, East river.....	26,052 53	153,665 58
For Recreation Building on Pier at East Thirty-third street, East river. (Specifications for).....	.....	138 75
For Recreation Building on Pier at East One Hundred and Twelfth street, Harlem river.....	48,276 13	49,883 75
Total.....	\$1,607,304 15	\$391,604 01

WORK OF CONSTRUCTION—BOROUGH OF THE BRONX.

	EXPENDITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For survey of water-front of the Borough.....	\$3,538 50	\$32,829 82
For pier at foot of Fordham road, Harlem river.....	185 19	209 96
For examination of water-front at Classon's Point, East river, for proposed pier.....	.....	69 69
For examination of water-front on westerly shore of Eastchester Bay, foot of Willow lane, for proposed pier.....	.....	88 00
<i>Piers, Bulkheads, Slips and Berths designated and set apart for use of City Departments in accordance with sections 834, 836 and 838 of "The Greater New York Charter."</i>		
For crib-bulkhead at Riker's Island.....	20,711 23	184,409 23
For pier and extension of same at Riker's Island.....	6 54	6,488 79
Total.....	\$24,441 46	.....

WORK OF CONSTRUCTION—BOROUGH OF BROOKLYN.

	EXPENDITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For survey of the water-front of the Borough—Resolution January 8, 1898.....	\$25,185 94	\$25,185 94
For bulkhead-wall along east side of Wallabout Basin.....	77,116 35	77,116 35
<i>Piers set apart for recreation purposes in accordance with section 837 of "The Greater New York Charter."</i>		
For recreation building on pier at North Second street, East river.....	1,767 75	1,767 75
Total.....	\$104,070 04	\$104,070 04

WORK OF CONSTRUCTION—BOROUGH OF QUEENS.

	EXPENDITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For survey of water-front of the Borough—Resolution January 5, 1898.....	\$10,140 05	\$10,140 05

WORK OF CONSTRUCTION—BOROUGH OF RICHMOND.

	EXPENDITURES, 1898.	TOTAL EXPENDITURES TO DATE.
For survey of water-front of the Borough—Resolution January 8, 1898.....	\$2,609 59	\$2,609 59

WORK OF REPAIR AND MAINTENANCE—BOROUGH OF MANHATTAN.

	REPAIRS.	DREDGING.	TOTAL.
Platform at Battery wall, near Barge Office.....	\$1,048 97	.....	\$1,048 97
Bulkhead-wall and breakwater east of Pier "A".....	439 86	.....	439 86
Bulkhead-wall between Pier "A" and Pier, new 1, North river.....	.....	.....	.....
Pier, new 1, near foot of Battery place, North river.....	20,944 53	\$32 97	20,977 50
Pier, new 14, at foot of Fulton street, North river.....	.....	5,920 27	5,920 27
Pier, new 15, between Vesey and Barclay streets, North river.....	.....	4,287 25	4,287 25
Bulkhead-wall at foot of Jay street, between Piers, new 20 and new 21, North river.....	.....	.....	.....
Temporary Pier at Canal street, North river.....	1,771 69	.....	1,771 69
Pier, new 34, at foot of Canal street, North river.....	.....	.....	.....
Pier, new 35, north of Spring street, North river.....	.....	.....	.....
Pier, new 36, south of Charlton street, North river.....	32 29	.....	32 29
Pier, new 37, at foot of Charlton street, North river.....	.....	.....	.....
Pier, new 38, at foot of King street, North river.....	.....	2,531 28	2,531 28
Pier, new 39, at foot of West Houston street, North river.....	.....	.....	.....
Bulkhead-wall between Piers, new 39 and new 40, North river.....	.....	.....	.....
Pier, new 40, at foot of Clarkson street, North river.....	5 00	.....	5 00
Pier, new 41, at foot of Leroy street, North river.....	.....	.....	.....
Bulkhead-wall between Piers, new 41 and 42, North river.....	8 47	.....	8 47
Pier, new 42, foot of Morton street, North river.....	.....	.....	.....
Bulkhead-wall between Piers, new 42 and new 43, North river.....	.....	7 73	7 73
Pier, new 43, at foot of Barrow street, North river.....	24 92	.....	24 92
Pier, new 44, at foot of Christopher street, North river.....	.....	.....	.....
Bulkhead-wall between Piers, new 44 and new 45, North river.....	.....	27 11	27 11
Pier, new 45, at foot of West Tenth street, North river.....	56 91	.....	56 91
Bulkhead between West Tenth and Charles streets, North river.....	.....	.....	.....
Pier, new 46, at foot of Charles street, North river.....	.....	.....	.....
Approach to Piers, new 46 and new 47, North river.....	1,174 62	.....	1,174 62
Pier, new 47, between Charles and Perry streets, North river.....	.....	1,162 23	1,162 23
Platform between Charles and Perry streets, North river.....	37 02	.....	37 02
Pier, old 54, at foot of Perry street, North river (removed to make way for improvement).....	.....	.....	.....
Pier, old 56½, north of Gansevoort street, North river.....	928 40	.....	928 40
Pier, old 57, south of Bloomfield street, North river.....	50 05	.....	50 05
Bulkhead between Piers, old 57 and old 58, North river.....	28 93	.....	28 93
Pier, old 58, north of Bloomfield street, North river.....	200 83	.....	200 83
Bulkhead between Piers, old 58 and old 58½, North river.....	37 56	326 84	364 40
Pier, old 58½, between Bloomfield and Little West Twelfth streets, North river.....	3 57	.....	3 57
Pier, old 59, at foot of Little West Twelfth street, North river.....	106 37	.....	106 37

	REPAIRS.	DREDGING.	TOTAL.		REPAIRS.	DREDGING.	TOTAL.
Pier at foot of West Thirteenth street, North river.....				Pier at foot of West One Hundred and Fifty-eighth street, North river.....	\$39 12	\$40 72	\$79 84
Pier at foot of West Sixteenth street, North river.....	\$7 92		\$7 92	Pier, old 4, near foot of Broad street, East river.....			
Pier at foot of West Seventeenth street, North river.....	822 24		822 24	Bulkhead between Piers, old 4 and old 5, East river.....			
Pier at foot of West Eighteenth street, North river.....				Pier, old 5, near foot of Broad street, East river.....			
Pier at foot of West Nineteenth street, North river.....	1,297 88		1,297 88	Bulkhead between Piers, old 5 and old 6, East river.....			
Pier at foot of West Twentieth street, North river.....	563 01	\$1,049 97	1,612 98	Pier, old 6, at lower side of Coenties Slip, East river.....			
Pier at foot of West Twenty-first street, North river.....		10 90	10 90	Bulkhead between Piers, old 6 and new 6, East river.....	66 01		66 01
Pier at foot of West Twenty-second street, North river.....		10 90	10 90	Pier, new 6, at upper side of Coenties Slip, East river.....	1,360 95		1,360 95
Pier, new 53, near foot of West Twenty-third street, North river.....				Bulkhead between Piers, new 6 and 7, East river.....	349 99		349 99
Bulkhead-wall between West Twenty-third and West Twenty-fourth streets, North river.....				Pier 11, at lower side of Old Slip, East river.....			
Pier, new 54, near foot of West Twenty-fourth street, North river.....				Bulkhead between Piers 11 and 12, at Old Slip, East river.....	466 83		466 83
Pier, new 55, north of West Twenty-fifth street, North river.....				Pier 12, lower half, near foot of Gouverneur lane, East River.....	190 70		190 70
Pier, new 56, north of West Twenty-sixth street, North river.....				Pier 13, near foot Jones lane, East river.....			
Pier, new 57, north of West Twenty-seventh street, North river.....	4,534 63		4,534 63	Pier 14, between Jones lane and Wall street, East river.....			
Pier, new 58, north of West Twenty-eighth street, North river.....	6,876 30		6,876 30	Pier 15, at lower side of Wall street, East river.....			
Pier, new 59, north of West Twenty-ninth street, North river.....	5,134 15		5,134 15	Pier 18, upper half, near foot of Maiden lane, East river.....	2,840 13		2,840 13
Bulkhead-wall between Piers, new 59 and new 60, North river.....		124 19	124 19	Bulkhead between Piers 18 and 19, East river.....			
Pier, new 60, at foot of West Thirtieth street, North river.....	1,356 03	1,445 14	2,801 17	Pier 19, lower half, near foot of Fletcher street, East river.....	15 15		15 15
Pier, new 61, at foot of West Thirty-first street, North river.....				Pier 20, at lower side of Burling Slip, East river.....			
Pier, new 62, at foot of West Thirty-second street, North river.....				Bulkhead between Piers 20 and 21, at foot of Burling Slip, East river.....			
Pier, new 63, at foot of West Thirty-third street, North river.....				Pier 21, at upper side of Burling Slip, East river.....			
Pier at foot of West Thirty-fourth street, North river.....		10 90	10 90	Pier 22, near foot of Fulton street, East river.....			
Pier at foot of West Thirty-fifth street, North river.....				Pier 23, near foot of Beekman street, East river.....			
Pier at foot of West Thirty-sixth street, North river.....				Pier 25, at foot of Peck Slip, East river.....			
Pier at foot of West Thirty-seventh street, North river.....		1,000 27	1,000 27	Pier 26, near foot of Peck Slip, East river.....			
Pier at foot of West Thirty-eighth street, North river.....		1,451 92	1,451 92	Pier 27, at foot of Dover street, East river.....			
Water-front at foot of West Thirty-ninth street, North river.....	39 24		39 24	Pier 28, between Dover and Roosevelt streets, East river.....	1 98		1 98
Pier at foot of West Fortieth street, North river.....		24 82	24 82	Pier 29, at foot of Roosevelt street, East river.....	29 43		29 43
Bulkhead at foot of West Forty-first street, North river.....				Pier, old 32, at foot of James Slip, East river.....			
Bulkhead between West Forty-second and West Forty-third streets, North river.....	166 87		166 87	Pier 33, at foot of Oliver street, East river.....			
Bulkhead between West Forty-third and West Forty-fourth streets, North river.....		472 83	472 83	Bulkhead between Piers 35 and 36, East river.....	209 72		209 72
Pier and approach at foot of West Forty-fourth street, North river.....	392 64	13 56	406 20	Pier 36, between Catharine Slip and Market street, East river.....			
Pier at foot of West Forty-fifth street, North river.....		3,226 46	3,226 46	Pier, new 29, at lower side of Market street, East river.....	363 57	466 65	830 22
Pier and approach at foot of West Forty-sixth street, North river.....	41 61	6,232 50	6,274 11	Pier 38, at upper side of Market street, East river.....			
Pier and approach at foot of West Forty-seventh street, North river.....	2,278 39		2,278 39	Pier 39, between Market and Pike streets, East river.....			
Pier and approach at foot of West Forty-eighth street, North river.....	1,386 04	14 98	1,401 02	Pier 40, near foot of Pike street, East river.....			
Small pier north of West Forty-eighth street, North river.....				Pier, new 32, at upper side of Pike street, East river.....	1,091 89		1,091 89
Pier and approach at foot of West Forty-ninth street, North river.....	1,047 25		1,047 25	Pier 42, between Pike and Rutgers streets, East river.....			
Pier at foot of West Fiftieth street, North river.....		24 82	24 82	Pier 43, at lower side of Rutgers street, East river.....	569 91		569 91
Bulkhead-wall between West Fiftieth and West Fifty-first streets, North river.....		24 82	24 82	Pier 44, at upper side of Rutgers street, East river.....	10,380 92		10,380 92
Pier at foot of West Fifty-first street, North river.....	797 95	1,267 21	2,065 16	Pier 47, between Jefferson and Clinton streets, East river.....			
Bulkhead-wall between West Fifty-first and West Fifty-second streets, North river.....		281 60	281 60	Pier 48, at foot of Clinton street, East river.....	11,071 96	913 61	11,985 57
Pier at foot of West Fifty-second street, North river.....	1,735 25	3,803 70	5,538 95	Bulkhead between Jackson and Corlears streets, East river.....	10 90		10 90
Bulkhead-wall between West Fifty-second and West Fifty-third streets, North river.....		401 14	401 14	Bulkhead foot of Corlears street, East river.....	25 39		25 39
Pier at foot of West Fifty-fourth street, North river.....		1,286 14	1,286 14	Pier 52, at upper side of Gouverneur Slip, East river.....			
Bulkhead-wall between West Fifty-fourth and West Fifty-fifth streets, North river.....		249 83	249 83	Pier 53, near foot of Jackson street, East river.....			
Pier at foot of West Fifty-fifth street, North river.....	722 96	1,676 34	2,399 30	Pier 54, at foot of Jackson street, East river.....			
Pier at foot of West Fifty-sixth street, North river.....	7 90	1,296 02	1,303 92	Bulkhead at foot of Cherry street, East river.....			
Bulkhead-wall between West Fifty-sixth and West Fifty-seventh streets, North river.....		275 84	275 84	Pier 55, near foot of Grand street, East river.....	18 77		18 77
Pier at foot of West Fifty-seventh street, North river.....	827 12	2,947 84	3,774 96	Pier 56, near foot of Broome street, East river.....			
Bulkhead-wall between West Fifty-seventh and West Fifty-eighth streets, North river.....		235 10	235 10	Temporary platform between Piers 58 and 59, East river.....		107 63	107 63
Pier at foot of West Fifty-eighth street, North river.....		1,991 79	1,991 79	Pier 60, at foot of Rivington street, East river.....			
Pier at foot of West Fifty-ninth street, North river.....				Pier 61, between Rivington and Stanton streets, East river.....	168 93		168 93
Bulkhead at foot of West Seventy-fifth street, North river.....				Pier at foot of Stanton street, East river.....	1,169 42		1,169 42
Bulkhead at foot of West Seventy-sixth street, North river.....				Pier at foot of East Third street, East river.....	74 78		74 78
Bulkhead at foot of West Seventy-seventh street, North river.....	1,118 15	125 99	1,244 14	Crib-bulkhead at foot of East Fourth street, East river.....			
Bulkhead between West Seventy-seventh and West Seventy-eighth streets, North river.....	2,564 12	1,299 57	3,863 69	Pier at foot of Fifth street, East river.....	336 43	2,343 77	2,680 20
Bulkhead at foot of West Seventy-eighth street, North river.....	1,139 38	218 68	1,358 06	Pier at foot of Sixth street, East river.....			
Bulkhead between West Seventy-eighth and West Seventy-ninth streets, North river.....	2,564 12	840 50	3,404 62	Pier at foot of Seventh street, East river.....			
Pier at foot of West Seventy-ninth street, North river.....	451 77	675 93	1,127 70	Pier at foot of Eighth street, East river.....			
Bulkhead between West Seventy-ninth and West Eightieth streets, North river.....	1,583 01	794 85	2,377 86	Pier at foot of East Ninth street, East river.....			
Bulkhead at foot of West Eightieth street, North river.....	2,225 47	387 14	2,612 61	Pier at foot of East Tenth street, East river.....			
Bulkhead at foot of West Eighty-first street, North river.....				Pier at foot of East Eleventh street, East river.....	707 09		707 09
Bulkhead at foot of West Eighty-second street, North river.....				Pier at foot of East Twelfth street, East river.....			
Bulkhead and approach at foot of West Ninety-sixth street, North river.....	181 24	189 84	371 08	Bulkhead at foot of East Thirteenth street, East river.....			
Bulkhead at foot of West Ninety-seventh street, North river.....				Bulkhead at foot of East Fourteenth street, East river.....			
Bulkhead between West Ninety-seventh and West Ninety-eighth streets, North river.....	4 19		4 19	Bulkhead at foot of East Fifteenth street, East river.....			
Bulkhead at foot of West Ninety-ninth street, North river.....	10 21		10 21	Bulkhead at foot of East Sixteenth street, East river.....	41 57		41 57
Pier at foot of West One Hundred and Twenty-ninth street, North river.....				Bulkhead at foot of East Seventeenth street, East river.....			
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets, North river.....				Pier at foot of East Eighteenth street, East river.....			
Platform at foot and north of West One Hundred and Thirtieth street, North river.....				Bulkhead at foot of East Twentieth street, East river.....			
Pier at foot of West One Hundred and Thirty-first street, North river.....	365 63	334 29	699 92	Pier at foot of East Twenty-first street, East river.....			
Bulkhead between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets, North river.....		492 44	492 44	Bulkhead at foot of East Twenty-second street, East river.....			
Pier at foot of West One Hundred and Thirty-second street, North river.....	751 23	880 49	1,631 72	Pier at foot of East Twenty-fourth street, East river.....	532 26	117 07	649 33
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets, North river.....	42 09		42 09	Pier at foot of East Twenty-fifth street, East river.....		203 96	203 96
Pier at foot of West One Hundred and Thirty-third street, North river.....	828 69		828 69	Pier at foot of East Twenty-eighth street, East river.....	217 78		217 78
Pier at foot of West One Hundred and Thirty-fourth street, North river.....	893 71		893 71	Pier at foot of East Twenty-ninth street, East river.....	1,295 66		1,295 66
Bulkhead and extension at foot of West One Hundred and Thirty-fifth street, North river.....				Bulkhead at foot of East Thirtieth street, East river.....			
Pier at foot of West One Hundred and Thirty-eighth street, North river.....				Pier at foot of East Thirty-first street, East river.....	11,528 64		11,528 64
Pier at foot of West One Hundred and Fifty-second street, North river.....	447 15		447 15	Pier at foot of East Thirty-second street, East river.....	1,493 13		1,493 13
Pier at foot of West One Hundred and Fifty-fifth street, North river.....				Pier at foot of East Thirty-third street, East river.....	166 88		166 88

	REPAIRS.	DREDGING.	TOTAL.		REPAIRS.	DREDGING.	TOTAL.
Pier at foot of upper half of East Thirty-fifth street, East river.....	\$257 08	.....	\$257 08	Bulkhead at foot of East One Hundred and Twenty-ninth street and Second avenue, Harlem river.....	\$241 09	.....	\$241 09
Bulkhead at foot of East Thirty-sixth street, East river.....	.....	.....	.....	Bulkhead at foot of East One Hundred and Thirty-sixth street, Harlem river.....	\$219 85	.....	219 85
Pier at foot of East Thirty-seventh street, East River.....	.....	.....	.....	Bulkhead foot of East One Hundred and Thirty-seventh street, Harlem river.....	219 17	.....	219 17
Pier at foot of East Thirty-eighth street, East River.....	78 28	.....	78 28	Bulkhead between East One Hundred and Thirty-eighth and East One Hundred and Thirty-ninth streets, Harlem river.....	20 61	.....	20 61
Bulkhead extension and dump at foot of East Thirty-ninth street, East river.....	.....	.....	.....	Bulkhead at foot of East One Hundred and Thirty-ninth street, Harlem river.....	38 94	.....	38 94
Bulkhead at foot of East Fortieth street, East river.....	.....	.....	.....	Bulkhead between East One Hundred and Thirty-ninth and East One Hundred and Fortieth streets, Harlem river.....	629 30	.....	629 30
Bulkhead at foot of East Forty-first street, East river.....	.....	.....	.....	Bulkhead at foot of East One Hundred and Fortieth street, Harlem river.....	.....	.....	.....
Bulkhead at foot of East Forty-second street, East river.....	149 94	.....	149 94	Water-front at foot of West One Hundred and Forty-first street, Harlem river.....	2 32	.....	2 32
Bulkhead at foot of East Forty-third street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-second street, Harlem river.....	2 32	.....	2 32
Bulkhead at foot of East Forty-fourth street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-third street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Forty-fifth street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-fourth street, Harlem river.....	2 31	.....	2 31
Pier at foot of East Forty-sixth street, East river.....	.....	\$167 69	167 69	Water-front at foot of West One Hundred and Forty-fifth street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Forty-seventh street, East river.....	2,505 59	.....	2,505 59	Water-front at foot of West One Hundred and Forty-sixth street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Forty-eighth street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-seventh street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Forty-ninth street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-eighth street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Fiftieth street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Forty-ninth street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Fifty-first street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Fiftieth street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Fifty-second street, East river.....	.....	.....	.....	Water-front at foot of West One Hundred and Fifty-first street, Harlem river.....	2 31	.....	2 31
Bulkhead at foot of East Fifty-third street, East river.....	20 27	.....	20 27	Water-front at foot of West One Hundred and Fifty-second street, Harlem river.....	2 31	.....	2 31
Crib-bulkhead at foot of East Fifty-fourth street, East river.....	301 28	.....	301 28	Water-front at foot of West One Hundred and Fifty-third street, Harlem river.....	2 31	.....	2 31
Pier at foot of East Sixtieth street, East river.....	259 74	.....	259 74	Water-front at foot of West One Hundred and Fifty-fourth street, Harlem river.....	2 31	.....	2 31
Platform between East Sixtieth and East Sixty-first streets, East river.....	96 52	.....	96 52	Platform foot of Seventh avenue, Harlem river.....	15 28	.....	15 28
Pier at foot of East Sixty-first street, East river.....	233 39	.....	233 39	Water-front at foot of West One Hundred and Fifty-fifth street, Harlem river.....	.....	.....	.....
Platform between East Sixty-first and East Sixty-second streets, East river.....	447 45	8 23	455 68	Marginal street, along North river—Pavement repaired.....	14,430 30	.....	14,430 30
Pier at foot of East Sixty-second street, East river.....	533 95	.....	533 95	Marginal street, along Harlem river—Pavement repaired.....	67 46	.....	67 46
Platform between East Sixty-second and East Sixty-third streets, East river.....	.....	.....	.....	Cleaning piers, bulkheads, marginal streets and places, by law committed to the custody and control of the Department of Docks and Ferries, as ordered by sections 540 and 818 of "The Greater New York Charter," viz.:	.....	.....	.....
Bulkhead at foot of East Seventieth street, East river.....	.....	.....	.....	Removing dirt and rubbish for 52 weeks.....	61,871 52	.....	61,871 52
Bulkhead at foot of East Seventy-first street, East river.....	.....	.....	.....	Removing snow and ice.....	6,004 63	.....	6,004 63
Bulkhead at foot of East Seventy-second street, East river.....	.....	.....	.....	Sprinkling marginal street, along North river.....	3,405 87	.....	3,405 87
Bulkhead at foot of East Seventy-third street, East river.....	.....	.....	.....	Piers, Bulkheads, Slips and Berths designated and set apart for use of City Departments, in accordance with sections 542, 834, 836 and 838 of the Greater New York Charter:	.....	.....	.....
Bulkhead at foot of East Seventy-fourth street, East river.....	.....	.....	.....	Berths for and approaches to public baths.....	682 33	.....	682 33
Platform at foot of East Seventy-fifth street, East river.....	71 53	.....	71 53	Berth for fireboat at Battery-wall.....	131 44	.....	131 44
Bulkhead at foot of East Seventy-sixth street, East river.....	387 93	.....	387 93	Pier "A," near foot of Battery place, North river.....	1,875 46	.....	1,875 46
Bulkhead at foot of East Seventy-eighth street, East river.....	.....	.....	.....	Building on Pier "A".....	5,320 32	.....	5,320 32
Pier at foot of East Seventy-ninth street, East river.....	202 33	.....	202 33	Dumping-board at Canal street, North river.....	.....	10 90	10 90
Bulkhead extension at foot of East Eightieth street, East river.....	258 95	.....	258 95	Dumping-board at West Nineteenth street, North river.....	.....	483 24	483 24
Water-front, East Eightieth to East Eighty-fourth street, East river.....	.....	.....	.....	Dumping-board at West Thirtieth street, North river.....	157 29	.....	157 29
Lower pier at foot of East Eighty-sixth street, East river.....	660 71	36 72	697 43	Dumping-board at West Forty-seventh street, North river.....	.....	708 19	708 19
Bulkhead between the piers at East Eighty-sixth street, East river.....	.....	.....	.....	Dumping-board on Pier, old 14, East river.....	.....	168 90	168 90
Upper pier at foot of East Eighty-sixth street, East river.....	.....	110 26	110 26	Berth for fire-boat at Pier 55, East river.....	4 16	.....	4 16
Bulkhead north of upper pier at East Eighty-sixth street, East river.....	.....	.....	.....	Dumping-board at East Seventeenth street, East river.....	531 05	.....	531 05
Bulkhead at foot of East Ninetieth street, East river.....	.....	.....	.....	Pier at East Twenty-sixth street, East river.....	2,552 54	.....	2,552 54
Pier at foot of East Ninety-first street, East river.....	83 62	.....	83 62	Dumping-board at East Thirty-eighth street, East river.....	246 23	.....	246 23
Bulkhead at foot of East Ninety-third street, East river.....	9 97	.....	9 97	Dumping-board at East Forty-sixth street, East river.....	15 81	.....	15 81
Pier at foot of East Ninety-fourth street, East river.....	357 99	.....	357 99	Dumping-board at East Seventy-third street, East river.....	12 28	.....	12 28
Bulkhead-wall between East Ninety-fourth and East Ninety-fifth streets, East river.....	.....	208 14	208 14	Dumping-board at East Eightieth street, East river.....	275 24	155 58	430 82
Pier at foot of East Ninety-fifth street, East river.....	805 27	.....	805 27	Berth for fire-boat at East Ninety-sixth street, East river.....	238 58	.....	238 58
Pier at foot of East Ninety-sixth street, East river.....	221 44	.....	221 44	Landing north of East One Hundred and Twentieth street, Harlem river.....	377 28	.....	377 28
Bulkhead-wall between East Ninety-sixth and East Ninety-seventh streets, East river.....	.....	.....	.....	Float at East One Hundred and Twenty-fifth street, Harlem river.....	59 09	.....	59 09
Bulkhead at foot of East Ninety-seventh street, East river.....	.....	.....	.....	Piers, etc., at Blackwell's Island.....	2,681 40	.....	2,681 40
Bulkhead at foot of East Ninety-eighth street, East river.....	.....	.....	.....	Piers, etc., at Randall's Island.....	1,108 63	.....	1,108 63
Bulkhead-wall at foot of East Ninety-ninth street, East river.....	.....	.....	.....	Piers set apart for recreation purposes in accordance with section 837 of the Greater New York Charter.	.....	.....	.....
Pier at foot of East One Hundredth street, Harlem river.....	1,745 36	.....	1,745 36	Recreation Building on Pier, new 43, North river:	.....	.....	.....
Bulkhead-wall at foot of East One Hundred and First street, Harlem river.....	.....	105 71	105 71	Salaries and wages of Superintendent, Attendants and Watchmen, etc.....	5,789 92	.....	5,789 92
Bulkhead-wall between East One Hundred and First and East One Hundred and Second streets, Harlem river.....	.....	198 21	198 21	Music, June 25 to November 13.....	8 940 00	.....	8 940 00
Bulkhead-wall at foot of East One Hundred and Second street, Harlem river.....	.....	39 85	39 85	Lighting.....	1,318 76	.....	1,318 76
Bulkhead-wall between East One Hundred and Second and East One Hundred and Third streets, Harlem river.....	.....	127 05	127 05	Cleaning.....	1,370 18	.....	1,370 18
Bulkhead-wall at foot of East One Hundred and Third street, Harlem river.....	.....	42 46	42 46	Ice.....	262 08	.....	262 08
Bulkhead-wall between East One Hundred and Third and East One Hundred and Fourth streets, Harlem river.....	.....	.....	.....	Disinfectants.....	31 25	.....	31 25
Bulkhead-wall at foot of East One Hundred and Fourth street, Harlem river.....	.....	.....	.....	Furniture.....	654 00	.....	654 00
Bulkhead at foot of East One Hundred and Fifth street, Harlem river.....	.....	205 22	205 22	Car-fares.....	7 97	.....	7 97
Bulkhead at foot of East One Hundred and Sixth street, Harlem river.....	413 91	.....	413 91	Employees' badges.....	6 00	.....	6 00
Bulkhead-wall at foot of East One Hundred and Seventh street, Harlem river.....	.....	.....	.....	Repairs to structure.....	24 27	.....	24 27
Bulkhead-wall at foot of East One Hundred and Eighth street, Harlem river.....	.....	.....	.....	Insurance.....	500 00	.....	500 00
Bulkhead-wall at foot of East One Hundred and Ninth street, Harlem river.....	.....	.....	.....	General expenses.....	1,703 36	.....	1,703 36
Pier at foot of East One Hundred and Tenth street, Harlem river.....	97 37	.....	97 37	Recreation Building on pier at West Thirty-fifth street, North river.....	.....	.....	.....
Bulkhead at foot of East One Hundred and Eleventh street, Harlem river.....	.....	.....	.....	Recreation Building on pier at West Fifty-second street, North river.....	.....	.....	.....
Pier at foot of East One Hundred and Twelfth street, Harlem river.....	.....	.....	.....	Recreation Building on pier at East Third street, East river:	.....	.....	.....
Bulkhead at foot of East One Hundred and Thirteenth street, Harlem river.....	.....	.....	.....	Salaries and wages of Superintendent, Attendants, Watchmen, etc.....	4,990 09	.....	4,990 09
Bulkhead at foot of East One Hundred and Fourteenth street, Harlem river.....	.....	.....	.....	Music, May 28 to November 13.....	8,160 00	.....	8,160 00
Bulkhead between East One Hundred and Fourteenth and East One Hundred and Fifteenth streets, Harlem river.....	.....	.....	.....	Lighting.....	1,785 43	.....	1,785 43
Bulkhead at foot of East One Hundred and Fifteenth street, Harlem river.....	.....	.....	.....	Cleaning.....	1,346 06	.....	1,346 06
Pier at foot of East One Hundred and Sixteenth street, Harlem river.....	.....	.....	.....	Ice.....	229 82	.....	229 82
Pier and approach at foot of East One Hundred and Seventeenth street, Harlem river.....	286 84	.....	286 84	Disinfectants.....	76 25	.....	76 25
Rubble-wall at foot of East One Hundred and Eighteenth street, Harlem river.....	95 81	.....	95 81	Car-fares.....	23 59	.....	23 59
Pier at foot of East One Hundred and Nineteenth street, Harlem river.....	.....	.....	.....	Employees' badges.....	6 00	.....	6 00
Platform at foot of East One Hundred and Twentieth street, Harlem river.....	69 39	.....	69 39	Repairs to structure.....	1,064 17	.....	1,064 17
Bulkhead at foot of East One Hundred and Twenty-third street, Harlem river.....	.....	.....	.....	Telephone rent.....	106 20	.....	106 20
Bulkhead at foot of East One Hundred and Twenty-fourth street, Harlem river.....	.....	.....	.....	General expenses.....	1,683 92	.....	1,683 92
Bulkhead-wall at foot of East One Hundred and Twenty-fifth street, Harlem river.....	15 01	.....	15 01				
Bulkhead at foot of East One Hundred and Twenty-sixth street, Harlem river.....	.....	.....	.....	

	REPAIRS.	DREDGING.	TOTAL.
Recreation Building on pier at East Twenty-fourth street, East river:			
Salaries and wages of Superintendent, Attendants, Watchmen, etc.	\$8,762 37		
Music, May 28 to November 13	10,686 00		
Lighting	3,641 76		
Cleaning	2,092 69		
Ice	233 82		
Disinfectants	63 75		
Furniture	1,715 50		
Car-fares	24 07		
Employees' badges	12 00		
Repairs to structures	2,399 76		
General expenses	2,667 88		
			\$32,299 60
Recreation building on pier at East One Hundred and Twelfth street, Harlem river:			
Salaries and wages of Superintendent, Attendants, Watchmen, etc.	2,670 88		
Music, August 27 to November 13	3,789 00		
Lighting	557 04		
Cleaning	651 08		
Ice	39 58		
Disinfectants	31 25		
Car-fares	16 94		
Repairs to structure	176 70		
Insurance	312 50		
General expenses	742 05		
			8,987 02
Total	\$297,550 37	\$76,146 16	\$373,696 53

WORK OF REPAIR AND MAINTENANCE—BOROUGH OF THE BRONX.

	REPAIRS, ETC.	DREDGING.	TOTALS.
Platform at Depot place, Harlem river			
Wharf structure foot of East One Hundred and Thirty-eighth street, Port Morris			
Platform formerly known as the "Town Dock," West Farms, Bronx river			
Platform formerly known as the "Town Dock," at foot of Seventh street, Unionport, Westchester creek			
Bulkhead foot of Main street, Westchester, Westchester creek			
Pier at foot of Third avenue, Eastchester creek			
Pier at foot of Willow lane, between Eastchester Bay and Throgg's Neck			
Pier at Fordham avenue, City Island	\$0 50		\$0 50
Piers, Bulkheads, Slips and Berths designated and set apart for use of City Departments, in accordance with sections 542, 834, 836 and 838 of the Greater New York Charter.			
Dumping-board at Lincoln avenue, Harlem river		\$193 31	193 31
Pier and bulkhead at Riker's Island	487 83		487 83
Total	\$488 33	\$193 31	\$681 64

WORK OF REPAIR AND MAINTENANCE—BOROUGH OF BROOKLYN.

	REPAIRS, ETC.	DREDGING.	TOTALS.
Bulkhead north of Bridge tower, East river		\$127 62	\$127 62
Pier 1, Wallabout basin, East river	\$96 13		96 13
Pier at foot of South Fifth street, East river	37 06		37 06
Pier at foot of Noble street, East river	7 63		7 63
Cleaning piers, bulkheads, marginal streets and places, by law committed to the custody and control of the Department of Docks and Ferries, as ordered by sections 540 and 818 of The Greater New York Charter, viz.:—			
Removing dirt and rubbish for nine weeks	1,528 75		
Removing snow and ice	80 08		
			1,608 83
Piers, Bulkheads, Slips and Berths, designated and set apart for use of City Departments, in accordance with sections 542, 834, 836 and 838 of the Greater New York Charter.			
Dumping-board foot of Gold street, East river		166 37	166 37
Total	\$1,749 65	\$293 99	\$2,043 64

GENERAL EXPENSES (INCLUDED WITH WORK OF CONSTRUCTION AND REPAIR).

Office of Engineer-in-Chief—		
Salaries—Engineer-in-Chief and assistant	\$8,150 00	
Salaries—Clerks	5,004 46	
Salaries—Stenographers and Typewriters	1,725 00	
Salaries—Searchers of Water Grants	3,233 33	
Salaries—Stationery Custodian	969 64	
Salaries—Messengers, Laborers and Watchmen	1,895 19	
		\$20,977 62
Blank books, miscellaneous stationery and typewriter supplies		781 88
Office furniture		386 28
Postage stamps		170 00

Office of Engineer-in-Chief—		
Car-fares		\$80 04
Cleaning		700 10
Heating		443 23
Lighting		158 02
Ice		35 15
Hired tug at service of Engineer-in-Chief		18 56
		\$23,780 88
Engineer's Office at West Eleventh street—		
Salaries—Assistant Engineers and Computer	\$7,507 68	
Salaries—Clerks	3,404 46	
Salaries—Stenographer and Typewriter	1,200 00	
Salaries—Messengers, Laborers and Watchmen	4,808 66	
		\$16,920 80
Repairs to structure, supplies, etc.		327 80
Lighting		71 66
Car-fares		667 57
		17,987 83
Engineer's Office at East Twenty-fourth street—		
Salaries—Assistant Engineer and Draughtsman	\$4,200 00	
Salaries—Clerks	1,057 32	
Salaries—Stenographer and Typewriter	1,200 00	
Salaries—Messengers, Laborers and Watchmen	2,458 09	
		\$8,915 41
Repairs to structure, supplies, etc.		43 11
Lighting		21 26
Car-fares		232 91
		9,212 69
Office of Superintendent of Section—		
Salaries—Clerks	\$1,934 82	
Salaries—Laborers and Watchmen	2,122 51	
		\$4,057 33
Office of Superintendent of Section—		
Repairs to structure, supplies, etc.		13 76
Car-fares		194 32
		4,265 41
Work-yard at West Fifty-seventh street—		
Salaries—Assistant Engineer	\$1,500 00	
Salaries—Foreman	1,500 00	
Salaries—Property Clerk	1,200 00	
Salaries—Messengers, Laborers and Watchmen	7,190 81	
		\$11,390 81
Repairs to structures and fixtures, supplies, etc.		8,214 26
		19,605 07
Work-yard at East Twenty-fourth street—		
Wages—Foreman, Laborers and Watchmen		\$5,914 51
Repairs to structures and fixtures, supplies, etc.		1,984 37
		7,898 88
General Care of floating property—		
Salaries—Superintendent	\$2,000 00	
Salaries—Clerk	934 82	
Salaries—Mechanical Engineer	485 48	
Wages—Mechanics, Laborers, Watchmen, etc.	51,129 91	
		\$54,550 21
Repairs and additions to machinery, miscellaneous supplies, etc.		16,814 39
Police Department fees for testing boilers		42 00
Insurance		1,347 50
Car-fares		108 51
		\$72,862 61
Completing two yawls (Secretary's Order No. 16745)	\$50 00	
Alco-vapor launch (Resolution, May 13, 1898)	1,800 00	
		1,850 00
		74,712 61
General care and repairs of automatic tide-gauges		\$2,137 85
Roundsmen—Salaries and expenses		2,387 57
Telephone rents and tolls		3,096 80
Hired tugs at service of City Paymaster		963 05
Salaries and expenses of Draughtsmen engaged on miscellaneous work		5,301 58
Salaries paid employees for period of service with United States Government during war with Spain		1,558 33
		15,445 18
Total		\$172,878 55

WHARF PROPERTY ACQUIRED.

For property being acquired between Watts and Canal streets	\$1,572 12
For property acquired between Leroy and Morton streets, from Goldsborough Banyer, executor, etc.	46,367 98
For property acquired between West Eleventh and Bank streets, from Eugene A. Hoffman	971,558 18
For property being acquired between Bank and Bethune streets (south half of block)	5,034 78
For property acquired between West Twelfth and Jane streets, from Waldrich Land Company, etc.	51,258 50
For property being acquired between West Forty-second and West Forty-third streets	428 29
For property being acquired opposite Riverside Park	3,613 43
For east half of Pier 35, East river, acquired from Eugene A. Hoffman	102,444 99
For bulkhead being acquired east of Catharine slip	3,460 00
For property being acquired between Market and Pike streets	1,830 79
For property being acquired between East One Hundred and Fourth and East One Hundred and Fifth streets	257 37
Total	\$1,187,840 43

WORK DONE AT COST AND EXPENSE OF PRIVATE OWNERS, LESSEES AND OTHERS.

Repairing platform at Battery wall, near Barge Office, for the New York, New Haven and Hartford Railroad Company—Secretary's Order No. 18279.....	\$111 10
Repairing fireboat berth at the Battery for the New York and South Brooklyn Ferry and Steam Transportation Company—Secretary's Order No. 17895.....	28 60
Repairing Pier "A," near foot of Battery place, for the Mutual Company—Secretary's Order No. 18126.....	6 15
Repairing Pier, new 1, North river, for owners of steamship "Hannah Moore"—Secretary's Order No. 18006.....	35 00
Repairing Pier, new 1, North river, for Chapman Derrick and Wrecking Company—Secretary's Order No. 18437.....	5 36
Repairing Pier, new 1, North river, for owners of steamship "Idsvoult"—Secretary's Order No. 18091.....	85 56
Repairing shed on Pier, new 1, North river, for owners of steamship "Indraleme"—Secretary's Order No. 18152.....	35 55
Improving water-front at Murray street for Frederick W. Rhineland and others, under agreement of November 29, 1897.....	68,824 77
Improving water-front at Park place, North river, for Lispenard Stewart and others, under agreement of December 29, 1897.....	20,485 13
Improving water-front at Barclay street, North river, for Frederick W. Rhineland and others, under agreement of December 29, 1897.....	18,075 26
Relaying pavement foot of Chambers street, North river, for Metropolitan Street Railroad Company—Secretary's Order No. 18326.....	8 05
Relaying pavement foot of Chambers street, North river, for Metropolitan Street Railroad Company—Secretary's Order No. 18387.....	167 88
Relaying pavement foot of Chambers street, North river, for Metropolitan Street Railroad Company—Secretary's Order No. 18487.....	36 11
Removing paving blocks from vicinity of Piers, new 20 and new 21, North river, for New York, Lake Erie and Western Railroad Company—Secretary's Order No. 18216.....	104 49
Relaying pavement at Pier, new 22, North river, for Baltimore and Ohio Railroad Company—Secretary's Order No. 18628.....	43 61
Relaying pavement between Piers, new 24 and new 25, North river, for Consolidated Ice Company—Secretary's Order No. 17974.....	20 41
Relaying pavement at Pier, new 25, North river, for Southern Pacific Company—Secretary's Order No. 18378.....	236 03
Repairing Pier, new 26, North river, for Old Dominion Steamship Company—Secretary's Order No. 18009.....	217 85
Relaying pavement at Pier, new 27, North river, for James Howard.....	77 92
Shifting gangways on temporary Pier at Canal street, for owners of steamboats "Wyckoff" and "Holmdell"—Secretary's Order No. 18116.....	77 32
Relaying pavement at Pier, new 40, North river, for George B. Murphy—Secretary's Order No. 18553.....	451 85
Repairing Pier, new 42, North river, for lessee.....	42 50
Cutting gangways in Pier, new 43, North river, for the Catskill and New York Steamboat Company—Secretary's Order No. 18088.....	262 02
Repairing Pier, new 43, North river, for Standard Oil Company—Secretary's Order No. 18148.....	19 63
Shifting gangways in Pier, new 43, North river, for Saugerties and New York Steamboat Company—Secretary's Order No. 18322.....	88 58
Repairing Pier, new 43, North river, for Saugerties and New York Steamboat Company—Secretary's Order No. 18616.....	155 88
Relaying pavement foot Charles street, North river, for William Simonson—Secretary's Order No. 18348.....	16 72
Putting drain-pipe opening in bulkhead-wall foot of West Eleventh street, for R. P. and J. H. Staats—Secretary's Order No. 17938.....	14 00
Removing stones from river-bed at West Eleventh street and repairing Department's derrick, for Murray & Co.—Secretary's Order No. 18474.....	154 50
Repairing Pier at Bank street, North river, for Morris & Cumings Dredging Company—Secretary's Order No. 18447.....	59 79
Repairing Pier, old 58 1/2, North river, for Requa & Duell—Secretary's Order No. 17918.....	93 28
Repairing Pier, old 59, North river, for Vierow Towing Company—Secretary's Order No. 17926.....	63 87
Repairing Pier, old 59, North river, for P. Sanford Ross—Secretary's Order No. 18037.....	36 30
Repairing Pier at West Sixteenth street, North river, for lessee—Secretary's Order No. 18366.....	369 14
Extending Pier at West Twentieth street, North river, for Knickerbocker Steamboat Company—Secretary's Order No. 18072.....	4,186 45
Placing spring piles along Pier at West Twentieth street, North river, for Knickerbocker Steamboat Company—Secretary's Order No. 18264.....	254 18
Relaying pavement at West Twentieth street, North river, for George B. Murphy—Secretary's Order No. 18260.....	97 77
Repairing Pier at West Twentieth street, North river, for Robert Rogers—Secretary's Order No. 18284.....	27 87
Relaying pavement, foot West Twenty-fourth street, North river, for Consolidated Gas Company—Secretary's Order No. 17916.....	38 38
Removing, temporarily, and replacing coping-stones of the bulkhead-wall between Piers, new 55 and new 56, North river, for Baltimore and Ohio Railroad Company—Secretary's Order No. 17721.....	241 33
Repairing Pier, new 57, North river, and its shed, for P. Sanford Ross—Secretary's Order No. 17981.....	23 13
Repairing Pier at West Thirty-fourth street, North river, for Cornell Steamboat Company—Secretary's Order No. 18394.....	30 05
Repairing Pier at West Thirty-fourth street, North river, for McConnell & Frouneigh—Secretary's Order No. 18454.....	49 78
Repairing Pier at West Thirty-fourth street, North river, for George W. Connolly—Secretary's Order No. 18465.....	210 53
Repairing Pier at West Thirty-fourth street, North river, for Cornell Steamboat Company—Secretary's Order No. 18489.....	96 97
Repairing Pier at West Thirty-fourth street, North river, for Pennsylvania Railroad Company—Secretary's Order No. 18400.....	15 06
Repairing Pier at West Thirty-fourth street, North river, for owners of tug "George W. Washburn"—Secretary's Order No. 18505.....	49 13
Repairing Pier at West Thirty-fourth street, North river, for owners of tug "Gracie"—Secretary's Order No. 18533.....	39 50
Repairing Pier at West Thirty-fourth street, North river, for Cornell Towing Company—Secretary's Order No. 18534.....	47 68
Repairing Pier at West Thirty-fourth street, North river, for New York Central Lighterage Company—Secretary's Order No. 18571.....	9 78
Repairing Pier at West Thirty-fourth street, North river, for owners of tug "Hudson"—Secretary's Order No. 18621.....	31 57
Dredging between West Seventy-seventh and West Seventy-eighth streets, North river, for owners of the schooner "Neshamoney"—Secretary's Order No. 18614.....	74 00
Repairing bulkhead between West One Hundred and Thirtieth and West One Hundred and Thirty-first streets, North river, for Riverside and Fort Lee Ferry Company—Secretary's Order No. 18481.....	361 64
Repairing Pier at West One Hundred and Thirty-second street, North river, for Homer Ramsdell Transportation Company—Secretary's Order No. 18314.....	10 07
Repairing Pier at West One Hundred and Thirty-second street, North river, for M. C. Chamberlain—Secretary's Order No. 18101.....	2 90
Building chute in Pier at West One Hundred and Thirty-second street, North river, for Homer Ramsdell Transportation Company—Secretary's Order No. 18027.....	91 89
Driving, sheathing and capping piles for bath at West One Hundred and Fifty-fifth street, North river, for Catharine Smith—Secretary's Orders Nos. 18133 and 18244.....	1,513 51
Moving bath-house from City property at West One Hundred and Fifty-fifth street, North river, for Ann Elizabeth Snook—Secretary's Order No. 18133.....	232 57
Removing brick from river bed between Piers 18 and 19, East river, for Candee & Kreller—Secretary's Order No. 18602.....	103 64
Repairing Pier, new 32, East river, for Trenton Propeller Line—Secretary's Order No. 18007.....	242 71
Repairing Pier, new 32, East river, for Bridgeport Steamboat Company—Secretary's Order No. 18637.....	136 61
Repairing fence on bulkhead between Jackson and Corlears streets, East river, for owners—Secretary's Order No. 18542.....	268 30
Repairing Pier at East Eighteenth street, East river, for Carroll Box and Lumber Company—Secretary's Order No. 18147.....	16 26
Repairing Pier at East Twentieth street, East river, for Chapman Derrick and Wrecking Company—Secretary's Order No. 18135.....	185 01
Building landing at East Twenty-sixth street, East river, for New York Yacht Club—Secretary's Order No. 18020.....	101 68
Repairing Pier at East Thirty-first street, East river, for Lehigh Valley Railroad Company—Secretary's Order No. 17948.....	113 00
Repairing Pier at East Thirty-third street, East river, for Long Island Railroad Company—Secretary's Order No. 17892.....	531 11
Removing brick from river bed at East Eightieth street, East river, for owners—Secretary's Order No. 18710.....	46 42
Repairing Pier at East One Hundred and Tenth street, Harlem river, for Kane & Wright—Secretary's Order No. 18309.....	72 19
Repairing Pier at East One Hundred and Twelfth street, Harlem river, for New York, New Haven and Hartford Railroad Company—Secretary's Order No. 18174.....	3 00
Repairing Pier at East One Hundred and Twelfth street, Harlem river, for New York, New Haven and Hartford Railroad Company—Secretary's Order No. 18630.....	134 18
Repairing Pier at East One Hundred and Twelfth street, Harlem river, for Brown & Fleming—Secretary's Order No. 18108.....	35 29
Repairing Pier and Shed at South Fifth street, East river, Borough of Brooklyn, for John H. Starin—Secretary's Orders Nos. 18353 and 18354.....	201 91
Transporting cement for New York Sand and Gravel Company—Secretary's Order No. 18480.....	153 87
Repairing Department's pile driver for Norwich and New York Transportation Co.—Secretary's Order No. 18107.....	96 70
Placing rejected piles on scow for Naughton & Co.—Secretary's Order No. 18023.....	112 00
Borings in Newtown Creek for Department of Bridges—Secretary's Order No. 18067.....	810 03
Total.....	\$121,649 83

ADMINISTRATIVE EXPENSES.

Office of the Commissioners—			
Salaries—Commissioners.....	\$16,000 00		
Salaries—Secretary and Assistant.....	7,800 00		
Salaries—Private Secretaries.....	2,276 08		
Salaries—Clerks.....	15,596 12		
Salaries—Stenographers and Typewriters.....	4,821 77		
Salaries—Laborers, Messengers and Watchmen.....	6,857 89		
Salaries—Janitor.....	1,200 00		
	\$54,551 86		
Office furniture.....	533 76		
Blank books, miscellaneous stationery, printing and type-writer's supplies.....	2,417 36		
Advertising sale of leases, etc.....	858 10		
Car-fares.....	88 90		
Newspapers and clippings.....	115 92		
Law books and legislative documents.....	39 05		
Postage stamps.....	970 32		
Telegrams.....	2 71		
Maps of old New York.....	13 00		
Ice.....	35 15		
Hired tug at service of Commissioners.....	255 15		
Cleaning.....	670 30		
Heating.....	939 85		
Lighting.....	158 03		
	\$61,649 46		
Offices of Dock Superintendent and Dock Masters—			
Salaries—Superintendent and Assistant.....	\$1,785 49		
Salaries—Dock Masters.....	32,573 31		
Salaries—Collectors.....	3,227 42		
Salaries—Stenographer and Typewriter.....	250 00		
Salaries—Watchmen.....	13,240 24		
	\$51,076 46		
Repairs to structures, supplies, etc.....	1,298 44		
Furniture.....	19 90		
Badges.....	60 00		
Car-fares.....	72 44		
Hired tugs at service of Dock Masters.....	83 78		
	\$2,611 02		
Board of Consulting Engineers—			
Printing, reports of.....			319 50
Examination of plans and specifications submitted for and supervision of work done by lessees, owners and others under order of or permit from the Board—			
Borough of Manhattan.....	\$3,542 78		
Borough of The Bronx.....	725 08		
Borough of Brooklyn.....	1,623 64		
Borough of Queens.....	275 64		
Borough of Richmond.....	111 68		
			6,278 82
Preparing and placing deck scows at Pier "A," and Pier new 43, N. R., for accommodation of the public during the parade of United States Navy vessels engaged in the war with Spain.....			290 05
Total.....			\$121,148 85
SUMMARY.			
New materials, supplies, tools and fabricated concrete base blocks on hand, and accounts in suspense, December 31, 1897.....			\$82,943 79
Requisitions made upon the Comptroller during 1898, viz.:			
For bills and claims for materials furnished, for work done and for wharf property acquired.....	\$2,726,059 18		
For salaries and wages.....	796,461 52		
			\$3,522,520 70
Charges for use of Department's floating plant—Resolution February 21, 1894.....	\$4,025 65		
Charges for re-used materials and supplies—Engineer's Order No. 17781.....	553 56		
			4,579 21
Total to be accounted for.....			\$3,610,043 70
For work of construction—Borough of Manhattan:			
Bulkhead wall, etc.....	\$413,935 19		
Crib-bulkheads.....	48,671 03		
Paving the new marginal street.....	40,471 95		
New piers and extensions.....	930,091 76		
Recreation buildings.....	173,809 18		
Plans for future construction.....	325 04		
	\$1,607,304 15		
For work of construction—Borough of The Bronx:			
Survey of water front.....	\$3,538 50		
Crib-bulkheads.....	20,711 23		
New piers and extensions.....	191 73		
	24,441 46		
For work of construction—Borough of Brooklyn:			
Survey of water front.....	\$25,185 94		
Bulkhead-wall, etc.....	77,116 35		
Recreation building.....	1,767 75		
	104,070 04		
For work of construction—Borough of Queens:			
Survey of water front.....	10,140 05		
For work of construction—Borough of Richmond:			
Survey of water front.....	2,609 59		
	\$1,748,565 29		
For work of repair and maintenance—Borough of Manhattan.....	\$373,696 53		
For work of repair and maintenance—Borough of The Bronx.....	681 64		
For work of repair and maintenance—Borough of Brooklyn.....	2,043 64		
			376,421 81
*Paid from Dock Fund.....			\$3,452,890 47
Paid from Wallabout Fund.....			69,630 23

For wharf property acquired.....	\$1,187,840 43
For work done for private owners, lessees and others.....	121,649 83
For administrative expenses.....	121,148 85
For new materials, supplies, tools and fabricated concrete blocks, etc., on hand..	54,417 49
Total accounted for.....	\$3,610,043 70

RECORD OF WHARF PROPERTY ACQUIRED BY DEPARTMENT SINCE ITS ORGANIZATION TO DECEMBER 31, 1898, 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 FEES AND EXPENSES OF COMMISSIONS.	TOTAL.
ON NORTH RIVER.				
<i>Between Vesey and Barclay Streets.</i>				
North half of Pier, old 23, south half of Pier, old 24, and the bulkhead, 209 feet 4 inches in length, between and in rear of same, acquired April 6, 1891, by agreement, from James Cruikshank, Trustee.	\$200,000 00	\$473 93	.....	\$200,473 93
<i>Between Murray and Warren Streets.</i>				
Bulkhead, 159 feet in length, acquired December 4, 1894, by agreement, from Charles F. Choate. Price per foot, \$500.....	79,500 00	562 30	.....	80,062 30
Bulkhead, 26 feet 6 inches in length, acquired January 24, 1885, by agreement, from Charles Drake.	14,250 00	95 70	.....	14,345 70
<i>Between Warren and Chambers Streets.</i>				
Bulkhead, 199 feet in length, taken by Department in 1878 for improvement. Payment therefor made July 20, 1894, to the New York Life Insurance and Trust Company, as Trustee for Charles E. Delaplaine, in accordance with judgment of Supreme Court. Price per foot, \$500.....	99,500 00	88,855 27	.....	188,355 27
<i>Between Jay and Harrison Streets.</i>				
North half of Pier, old 33, south half of Pier, old 34, and the bulkhead, 207 feet 6 inches in length, between and in rear of same, all known as the "Jay Street Basin," acquired October 20, 1893, by agreement, from the West Shore and Ontario Terminal Company.....	350,000 00	15,552 08	.....	365,552 08
<i>Between Harrison and Franklin Streets.</i>				
Bulkhead, 75 feet in length, acquired July 26, 1892, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from S. Charles Welsh and William Burrell. Price per foot, \$600.	45,000 00	.....	\$3,772 40	48,772 40
Bulkhead, 100 feet in length, acquired February 25, 1885, by agreement, from Emily V. Clarkson and others. Price per foot, \$600.....	60,000 00	293 55	.....	60,293 55
<i>Between Franklin and North Moore Streets.</i>				
Bulkhead, 87 feet 6 inches in length, and north half of Pier, old 35, acquired December 16, 1884, by agreement, from William L. Skidmore and others. Price per foot, \$600.....	52,500 00	103 25	.....	52,603 25
Bulkhead, 87 feet 6 inches in length, acquired December 16, 1884, by agreement, from Charles F. Southmayd. Price per foot, \$635.....	55,562 50	121 20	.....	55,683 70
<i>Between North Moore and Beach Streets.</i>				
Bulkhead, 50 feet in length, acquired December 23, 1884, by agreement, from the Southern Development Company. Price per foot, \$600.....	32,500 00	90 10	.....	32,590 10
Bulkhead, 125 feet in length, acquired June 16, 1887, by agreement, from the Old Dominion Steamship Company. Price per foot, \$600.....	75,000 00	113 45	.....	75,113 45
<i>Between Beach and Hubert Streets.</i>				
Bulkhead, 100 feet in length, taken by Department in 1878 for improvement. Payment therefor made January 11, 1897, to Theodore Timpson and others, executors of the estate of William Chamberlain, in accordance with judgment of Supreme Court. Price per foot, \$650.....	65,000 00	43,190 10	.....	108,190 10
Bulkhead, 50 feet in length, acquired December 16, 1884, by agreement, from Ogden Brower and Charles De Hart Brower. Price per foot, \$600.....	30,000 00	333 70	.....	30,333 70
Bulkhead, 50 feet in length, acquired December 16, 1884, by agreement, from John Lefroy Brower and Abraham T. H. Brower. Price per foot, \$600.....	30,000 00	325 25	.....	30,325 25
<i>Between Hubert and Lighthouse Streets.</i>				
Bulkhead, 53 feet in length, taken by Department in 1883 for improvement. Payment therefor made December 14, 1892, to Anna A. F. Hurlbut and Mary A. Kittleman, in accordance with judgment of Supreme Court. Price per foot, \$500.....	26,500 00	3,111 87	.....	29,611 87
<i>Between Watts and Canal Streets.</i>				
Bulkhead being acquired under condemnation proceedings.....	.....	.....	4,195 14	4,195 14
<i>Between Spring and Charlton Streets.</i>				
Bulkhead, 40 feet 6 inches in length, taken by Department in 1880 for improvement. Payment therefor made November 13, 1893, to Cornelius F. Kingsland and others, in accordance with judgment of Supreme Court. Price per foot, \$450.....	18,225 00	10,159 85	.....	28,384 85
Bulkhead, 40 feet in length, taken by Department in 1878 for improvement. Payment therefor made January 23, 1894, to Thomas Lenane and John Moonan, Trustees, in accordance with judgment of Supreme Court. Price per foot, \$500.....	20,000 00	14,811 20	.....	34,811 20
Bulkhead, 45 feet 3 inches in length, acquired March 6, 1885, by agreement, from Mary T. Elizabeth V. and Jacob H. V. Cockcroft. Price per foot, \$550.....	24,887 50	49 55	.....	24,937 05
Bulkhead, 42 feet 6 inches in length, taken by Department in 1880 for improvement. Payment therefor made June 9, 1897, to James Lowerre, in accordance with judgment of Supreme Court. Price per foot, \$550.....	23,375 00	27,595 17	.....	50,970 17
Bulkhead, 45 feet 6 inches in length, and including Pier, old 44, acquired September 5, 1879, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from William Inman.....	200,000 00	.....	3,530 00	203,530 00
Bulkhead, 50 feet in length, acquired March 6, 1885, by agreement, from William E. Dodge, Jr., and D. Willis James. Price per foot, \$550.....	27,500 00	72 10	.....	27,572 10
Bulkhead, 104 feet 3 inches in length, taken by Department in 1880 for improvement. Payment therefor made December 22, 1892, to William M. Kingsland, Trustee, etc., in accordance with judgment of Supreme Court. Price per foot, \$500.....	52,125 00	26,144 81	.....	78,269 81

	FOR PROPERTY.	FOR INTEREST, COSTS, LAW CHARGES, ETC.	FOR FEES AND EXPENSES OF COMMISSIONS.	TOTAL.
<i>Between King and West Houston Streets.</i>				
*Bulkhead, 25 feet and 1/4 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1892, to Matthew Wilkes and wife, in accordance with judgment of Supreme Court. Price per foot, \$600.....	\$15,012 54	\$17,032 09	.....	\$32,044 63
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1892, to Matthew Wilkes, in accordance with judgment of Supreme Court. Price per foot, \$600.....	30,025 02	32,519 76	.....	62,544 78
*Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1892, to Walter Langdon, in accordance with judgment of Supreme Court. Price per foot, \$600.....	45,037 50	49,932 73	.....	94,970 23
Bulkhead, 25 feet in length, taken by Department in 1880 for improvement. Payment therefor made December 7, 1892, to "The Protestant Episcopal Church Missionary Society for Seamen in the City and Port of New York," in accordance with judgment of Supreme Court. Price per foot, \$450.....	11,250 00	5,849 75	.....	17,099 75
Bulkhead, 25 feet in length, taken by Department in 1875 for improvement. Payment therefor made April 15, 1895, to Michael Regan, in accordance with judgment of Supreme Court. Price per foot, \$490.....	12,250 00	11,402 19	.....	23,742 19
<i>Between West Houston and Clarkson Streets.</i>				
*Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1878 for improvement. Payment therefor made August 11, 1892, to Marion Carroll, in accordance with judgment of Supreme Court. Price per foot, \$600.....	45,037 50	45,067 06	.....	90,104 56
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Woodbury G. Langdon, in accordance with judgment of Supreme Court. Price per foot, \$600.....	30,025 00	30,446 80	.....	60,471 80
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1877 for improvement. Payment therefor made April 21, 1893, to Louisa D. Kane, and the New York Life Insurance Company, as her trustee, in accordance with judgment of Supreme Court. Price per foot, \$500.....	30,025 00	27,254 70	.....	57,279 70
*Bulkhead, 25 feet and 1/4 inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Louisa D. Kane, in accordance with judgment of Supreme Court. Price per foot, \$600.....	15,012 54	14,544 90	.....	29,557 44
<i>Between Clarkson and Leroy Streets.</i>				
Bulkhead, 75 feet in length, taken by Department in 1879 for improvement. Payment therefor made November 6, 1893, to Daniel D. Lord, in accordance with judgment of Supreme Court. Price per foot, \$500.....	37,500 00	14,591 74	.....	52,091 74
*Bulkhead, 50 feet and 1/2 inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Woodbury G. Langdon, in accordance with judgment of Supreme Court. Price per foot, \$600.....	30,025 00	31,554 94	.....	61,579 94
*Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Cecilia L. Nottbeck, in accordance with judgment of Supreme Court. Price per foot, \$600.....	45,037 50	44,854 29	.....	89,891 79
<i>Between Leroy and Morton Streets.</i>				
Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1881 for improvement. Payment therefor made March 12, 1895, to William C. Casey, in accordance with judgment of Supreme Court. Price per foot, \$480.....	36,030 00	21,730 29	.....	57,760 29
Bulkhead, 75 feet and 2 inches in length, taken by Department in 1877 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.....	35,704 16	26,167 98	.....	61,872 14
Bulkhead, 50 feet in length, taken by Department in 1878 for improvement. Payment therefor made July 14, 1898, to Goldborough Baner, as executor of Harriet Banyer White, and others, in accordance with judgment of Supreme Court. Price per foot, \$550.....	25,000 00	21,367 98	.....	46,367 98
<i>Between Morton and Barrow Streets.</i>				
Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean and Mary J. Halstead, in accordance with judgment of Supreme Court. Price per foot, \$500.....	37,531 25	29,288 70	.....	66,819 95
Bulkhead, 25 feet and 1/4 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.....	12,510 41	10,020 01	.....	22,530 42
Bulkhead, 25 feet and 1/4 inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John G. Wendel, in accordance with judgment of Supreme Court. Price per foot, \$500.....	12,510 41	10,020 02	.....	22,530 43
Bulkhead, 75 feet and 3/4 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.....	37,531 24	29,290 72	.....	66,821 96
<i>Between Charles and Perry Streets.</i>				
Bulkhead, 100 feet in length, now being acquired from the Farmers' Loan and Trust Company, Trustees, etc.....	.....	.....	\$101 25	101 25
<i>Between Perry and West Eleventh Streets.</i>				
Bulkhead, 89 feet and 6 inches in length, acquired January 3, 1896, by agreement from George H. Budke. Price per foot, \$475.....	42,512 50	123 25	.....	42,635 75
Bulkhead, 23 feet in length, acquired July 27, 1896, by agreement, from Charles N. and Emory F. Lane. Price per foot, \$450.....	10,350 00	84 95	.....	10,434 95
Bulkhead, 43 feet and 3 inches in length, acquired December 10, 1894, by agreement, from Henry Chastain. Price per foot, \$450.....	19,462 50	354 13	.....	19,816 63
Bulkhead, 45 feet and 6 inches in length, acquired February 8, 1897, by agreement, from Isabel Brockner Tyte. Price per foot, \$450.....	20,475 00	1,218 66	.....	21,693 66
<i>Between West Eleventh and Bank Streets.</i>				
Block between West Eleventh and Bank streets and West street and Thirteenth avenue, acquired October 14, 1898, in accordance with report of Commissioners of Estimate and Assessment, from Eugene A. Hoffman, viz.: Bulkhead 196 feet 7 inches in length at \$500 per foot..... \$98,291 67 Land, buildings, fixtures, etc..... 757,628 43	855,920 10	108,247 83	16,980 70	981,148 63

*Known as the Langdon suits.

	FOR PROPERTY.	FOR INTER- EST, COSTS, LAW CHARGES, ETC.	FOR FEES AND EXPENSES OF COMMIS- SIONS.	TOTAL.		FOR PROPERTY.	FOR INTER- EST, COSTS, LAW CHARGES, ETC.	FOR FEES AND EXPENSES OF COMMIS- SIONS.	TOTAL.
<i>Between Bank and Bethune Streets.</i>					<i>Between West Fifty-first and West Fifty-second Streets.</i>				
South half of block, now being acquired under condem- nation proceedings.....	.....	.....	\$27,963 44	\$27,963 44	Bulkhead, 200 feet 10 inches in length, acquired March 7, 1895, by agreement, from executors of the estate of James Brown. Price per foot, \$475.....	\$95,395 83	\$241 30	.....	\$95,637 13
North half of block between Bank and Bethune streets, and West street and Thirteenth avenue, ac- quired June 2, 1896, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from Louisa M. Gerry and Thomas G. Patterson, viz.: Bulkhead, 201 feet 5 1/2 inches, at \$500 per foot.....	.....	.....	.....	.....	<i>Between West Fifty-third and West Fifty-fourth Streets.</i>	.....	.....	.....	.....
Land, buildings, fixtures, etc.....	479,103 80	.....	.....	.....	Bulkhead, etc., 260 feet 10 inches in length, acquired September 7, 1893, in accordance with judgment of United States Circuit Court, from Mary J. Van Auken, in settlement of alleged rights.....	2,500 00	30 00	.....	2,530 00
	\$579,818 38	\$1,256 27	6,937 46	588,012 11	<i>Between West Fifty-fourth and West Fifty-fifth Streets.</i>	.....	.....	.....	.....
<i>Between Bethune and West Twelfth Streets.</i>					Bulkhead, etc., 245 feet in length, acquired October 29, 1891, in accordance with judgment of Supreme Court, from Hopper S. and Alexander H. Mott, in settlement of alleged rights.....	7,500 00	.....	.....	7,500 00
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, viz.: Bulkhead, 161.57 feet in length, at \$500 per foot.....	.....	.....	.....	.....	<i>At West Seventy-ninth and West Ninety-sixth Streets.</i>	.....	.....	.....	.....
Land, buildings, fixtures, etc.....	890,000 00	45,686 67	10,615 41	946,302 08	Property opposite Riverside Park, being acquired by condemnation proceedings under the provisions of chapter 152, Laws of 1894.....	.....	.....	\$15,077 28	15,077 28
<i>Between West Twelfth and Jane Streets.</i>					ON EAST RIVER.				
Block between West Twelfth and Jane streets, and West street and Thirteenth avenue, acquired December 23, 1897, in accordance with report of Commissioners of Estimate and Assessment, from the Waldrich Land Company, etc., viz.: Bulkhead, 160 feet 3 inches in length, at \$500 per foot.....	.....	.....	.....	.....	<i>Between Catharine Slip and Market Street.</i>	.....	.....	.....	.....
Land, buildings, fixtures, etc.....	598,348 37	.....	.....	.....	Bulkhead, 63 feet in length, acquired April 27, 1889, by agreement, from William F. Bridge and others Pier 35, east half, acquired October 4, 1898, in accord- ance with report of Commissioners of Estimate and Assessment, from Eugene A. Hoffman.....	6,300 00	180 85	.....	6,480 85
<i>Between Jane and Horatio Streets.</i>					Bulkhead east of Catharine slip, being acquired under condemnation proceedings.....	89,000 00	9,344 99	6,065 31	104,410 30
Block between Jane and Horatio streets, and West street and Thirteenth avenue, acquired De- cember 10, 1897, in accordance with report of Commissioners of Estimate and Assessment, from Louisa M. Gerry, etc., viz.: Bulkhead, 175 feet 3 inches at \$500 per foot.....	.....	.....	.....	.....	<i>Between Market and Pike Streets.</i>	.....	.....	.....	.....
Land, buildings, fixtures, etc.....	667,055 00	.....	.....	.....	Bulkhead, including Pier 39, being acquired under condemnation proceedings.....	.....	.....	2,536 00	2,536 00
<i>Between Horatio and Gansevoort Streets.</i>					<i>Between Pike and Rutgers Streets.</i>	.....	.....	.....	.....
Block between Horatio and Gansevoort streets, and West street and Thirteenth avenue, acquired December 9, 1897, in accordance with report of Commissioners of Estimate and Assessment, from John S. McLean, etc., viz.: Bulkhead, 163 feet 2 inches, at \$500 per foot.....	.....	.....	.....	.....	Bulkhead, etc., 413 feet 6 inches in length—Con- demnation proceedings suspended.....	.....	.....	94 60	94 60
Land, buildings, fixtures, etc.....	683,104 99	.....	.....	.....	<i>Between Rivington and Stanton Streets.</i>	.....	.....	.....	.....
<i>Between West Twenty-third and West Twenty-fourth Streets.</i>					Bulkhead, 141 feet in length, including one-half of Pier 62, acquired December 22, 1891, by agree- ment, from James W. Smith and Equitable Life Assurance Society of New York.....	70,000 00	59 68	.....	70,059 68
Bulkhead, 202 feet and 6 inches in length, acquired De- cember 14, 1892, by agreement, from Clement C. Casimir de R. and Katharine T. Moore. Price per foot, \$500.....	101,250 00	528 30	.....	101,778 30	<i>Between East Eighteenth and East Twenty-second Streets.</i>	.....	.....	.....	.....
<i>Between West Twenty-fourth and West Twenty-fifth Streets.</i>					Property to be acquired.....	.....	60 00	.....	60 00
Bulkhead, etc., 202 57 feet in length, taken by Depart- ment in 1881 for improvement. Payment therefor made December 11, 1889, to William M. Kingsland and others, in settlement of judgment of Supreme Court.....	130,000 00	49,856 68	.....	179,856 68	<i>Between East Twenty-fifth and East Twenty-sixth Streets.</i>	.....	.....	.....	.....
<i>Between West Twenty-fifth and West Twenty-sixth Streets.</i>					Bulkhead, 197 feet 6 inches in length, acquired Feb- ruary 6, 1893, by agreement, from Julius A. Can- dec, John M. Canda and George Moore Smith....	70,000 00	324 45	.....	70,324 45
Bulkhead, etc., 101.28 feet in length, taken by Depart- ment in 1881 for improvement. Payment therefor made June 18, 1890, to Henry K. S. Williams, in accordance with judgment of Supreme Court....	65,000 00	41,583 61	.....	106,583 61	ON HARLEM RIVER.				
Bulkhead, etc., 101.28 feet in length, taken by Depart- ment in 1881 for improvement. Acquired January 12, 1893, by agreement, from Edward A. Smith....	65,000 00	20,792 31	.....	85,792 31	Bulkhead between East One Hundred and Fourth and East One Hundred and Fifth streets, being acquired under condemnation proceedings.....	.....	.....	3,131 70	3,131 70
<i>Between West Twenty-sixth and West Twenty-seventh Streets.</i>					Premises at foot of north half of East One Hundred and Fourteenth street, east of high-water mark, acquired June 19, 1893, by agreement, from Oliver Bryan.....	1,500 00	99 00	.....	1,599 00
Bulkhead, 202.57 feet in length, acquired February 24, 1891, by agreement, from George de Forest Lord and Horace S. Ely, executor, etc.....	120,000 00	114 75	.....	120,114 75	Certain land in vicinity of Sherman's creek, lying southerly of Academy street, acquired July 21, 1897, by agreement, from Robert G. Dun.....	3,000 00	103 25	.....	3,103 25
<i>Between West Twenty-eighth and West Twenty-ninth Streets.</i>					Total (including \$24.36 for surveys) Bor- ough of Manhattan.....	\$1,798,957 09	\$1,148,161 56	\$142,371 16	\$9,089,489 81
Bulkhead, 101 feet and 4 inches in length, taken by Department in 1890 for improvement. Payment therefor made December 14, 1893, to Charles Ray King and others, in accordance with judgment of Supreme Court. Price per foot, \$425.....	43,066 66	2,898 09	.....	45,964 75	Acquired by agreement with owners.....	.....	.....	.....	\$1,709,356 87
Bulkhead, 50 feet and 8 inches in length, taken by Department in 1890 for improvement. Payment therefor made December 14, 1893, to Schuyler Van Cortlandt Hamilton and others in accordance with judgment of Supreme Court. Price per foot, \$425 Bulkhead, 50 feet and 8 inches in length, taken by Department in 1890 for improvement. Payment therefor made December 14, 1893, to Nathalie E. Baylies, in accordance with judgment of Supreme Court. Price per foot, \$425.....	21,533 33	1,649 57	.....	23,182 90	Acquired by judgments of court.....	.....	.....	.....	1,950,799 49
<i>Between West Twenty-ninth and West Thirtieth Streets.</i>					Acquired by condemnation.....	.....	.....	.....	5,429,333 45
Bulkhead, 65 feet and 1/2 inch in length, taken by De- partment in 1890 for improvement. Payment therefor made December 14, 1893, to Mary Ray de Courval and Mary Madeline Isabel de Noailles, in accordance with judgment of Supreme Court. Price per foot, \$425.....	25,517 70	1,797 01	.....	27,314 71	Total.....	.....	.....	.....	\$9,089,489 81
<i>Between West Thirty-third and West Thirty-fourth Streets.</i>					Total Expenditures to December 31, 1898, for Improving the Water-front along North River, from North Side of Pier, new 46, near foot of Charles Street to and including Ganse- voort Street, as Ordered by Resolutions of October 15, 1896, and June 17, 1897.				
Bulkhead, 101 feet in length, acquired June 17, 1890, by agreement, from William K. and Cornelius Van- derbilt.....	10,000 00	.....	.....	10,000 00	Wharf property and bulkhead rights purchased.....	.....	.....	.....	\$5,018,511 90
Bulkhead, etc., about 101 feet and 4 1/2 inches in length, acquired February 24, 1897, in accordance with report of Commissioners of Estimate, approved by Supreme Court, from Edmund Coffin, Rebecca S. Mills and Carrie E. B. Tripp.....	110,000 00	2,534 58	4,548 74	117,083 32	Bulkhead-wall, etc., constructed for 1,442 feet.....	.....	.....	.....	\$750,934 53
<i>Between West Thirty-fourth and West Thirty-fifth Streets.</i>					Bulkhead-wall, etc., at Perry street, removed.....	.....	.....	.....	43,128 97
Bulkhead, etc., 197 feet 6 inches in length—Condemna- tion proceedings suspended.....	.....	.....	127 00	127 00	Five piers constructed.....	.....	.....	.....	794,063 50
<i>Between West Forty-first and West Forty-second Streets.</i>					Paving the new marginal street.....	.....	.....	.....	757,454 41
Bulkhead, etc., 197 feet 6 inches in length—Condemna- tion proceedings suspended.....	.....	.....	339 75	339 75	Total.....	.....	.....	.....	1,738 19
<i>Between West Forty-second and West Forty-third Streets.</i>					Total.....				
Bulkhead, etc., 200 feet 10 inches in length, being acquired under condemnation proceedings.....	.....	.....	1,426 89	1,426 89	\$6,571,768 00				

JAMES WEIR, Apportionment Clerk.

REPORT OF THE ENGINEER-IN-CHIEF.

DEPARTMENT OF DOCKS AND FERRIES,
PIER A, FOOT OF BATTERY PLACE, NORTH RIVER,
OFFICE OF THE ENGINEER-IN-CHIEF,
NEW YORK, July 1, 1899.

To the Board of Docks:
GENTLEMEN—I have the honor to submit the following report of the work under the charge
and supervision of the Engineer-in-Chief for the year ending December 31, 1898.

WORK OF CONSTRUCTION UNDER "NEW PLAN."

NORTH RIVER.

Battery Section—Embracing the boat landing, Pier "A," Pier, new 1, North river, and
about eighty feet of bulkhead north of Pier, new 1.
Completed in 1871, and a breakwater to protect small boats built in 1897. A float has been
maintained at this section during the year, and necessary repairs made to the breakwater.

Sections Between Dey and Barclay Streets Inclusive.

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

SECTIONS.	LENGTH OF "E" OR TOP COURSE OF GRANITE UNDER COPING.
Dey street extended.....	20 00
Dey street.....	241 90
West Washington Market.....	578 17
Barclay (work done by private parties).....	153 05
Total.....	993 12

Barclay Street Section Extended—Extending from the southerly side of Pier, old 25, North river, northerly a distance of about one hundred and thirty-seven feet.

The Board, by a unanimous resolution passed December 30, 1897, directed that a section of the bulkhead wall be built at the above locality, and substantial progress has been made in the work. This work has been done by the Department at the cost and expense of the owners of the bulkhead, F. W. Rhinelander and others, under an agreement with the Board of Docks, dated December 16, 1897, and approved by the Sinking Fund Commissioners, December 28, 1897.

Park Place Section—Extending from a point about one hundred and thirty-seven feet north of the southerly line of Pier, old 25, North river, northerly and across the site of Pier, old 27, North river, a distance of about two hundred and twenty-seven feet.

The Board, by a unanimous resolution passed December 30, 1897, directed that a section of the bulkhead wall be built at the above locality, and about forty feet of the wall has been completed and earth-filling is being placed in rear of the wall.

This work has been done by the Department at the cost and expense of the owners of the bulkhead, William Rhinelander and others, under an agreement with the Board of Docks, dated December 16, 1897, and approved by the Sinking Fund Commissioners, December 28, 1897.

Piers, old 25 and 27, are being extended out to the pier-head line of 1890 by the New York Central and Hudson River Railroad Company, under an agreement dated December 16, 1897, with F. W. Rhinelander and others, and William Rhinelander and others.

Murray Street Section—Extending from the center of the slip, between Piers, old 27 and 28, to the northerly side of Pier, old 28, a distance of about 160.40 feet.

This section is built under the provisions of section 715 of chapter 410, Laws of 1882, as amended by chapter 397 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 of the first part, Frederick W. Rhinelander of the second part, and the City of New York of the third part. These agreements were confirmed by the Commissioners of the Sinking Fund October 22, 1897. Work on this section was begun under unanimous resolution of the Board, October 25, 1897, and has been completed for the entire length of this section, and earth-filling is being placed.

Warren 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 246.26 feet. The entire length of this section has been completed and the coping set. Earth-filling is being placed in the rear of the wall.

Desbrosses Street Section—The Pennsylvania Railroad Company, owners of the old bulkhead on the westerly side of West street, between Vestry and Watts streets, began building the bulkhead or river-wall in front of their property, under the provisions of chapter 397 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. About 80 feet northerly of the Laight street section were completed, and a shed built upon a part of it, when the work was temporarily suspended. Work was resumed at the upper end of the section on August 4, 1898, and substantial progress in the work has been made.

Sections between Warren and Desbrosses Streets, inclusive.

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

SECTIONS.	LENGTH OF "E," OR TOP COURSE OF GRANITE UNDER COPING.
Murray street.....	160.40
Warren street.....	246.26
Chambers street.....	651.80
Jay street.....	216.67
Franklin street.....	415.95
North Moore street.....	340.00
Beach street.....	196.00
Laight street.....	600.00
Desbrosses street (work done by private parties).....	85.13
Total.....	2,912.21

These sections embrace Piers, new 19, 20, 21, 22, 23, 24, 25, 26, 27, 28 and 29, all of which have been completed. Piers, new 20 and 21 were extended out to the pierhead line of 1897 under Contract No. 624.

Watts Street Section—Extending from a point opposite to the southerly line of Watts street, northerly to the northerly line of Watts street, a distance of about 65 feet, under unanimous resolution of the Board of Docks, June 17, 1898. Pier, old 40, and the old bulkhead and platform were removed and some progress made in the construction of the wall.

This wall is a modification of the 1876 type of bulkhead-wall, in that the wall proper above the foundation is designed to resist thrust.

The wall proper consists of a sub-base block, a top base block, surmounted with a granite facing and concrete backing; the whole retaining structure being relieved from pressure by a platform built in the rear of the wall on vertical piles braced with batter piles.

Pier, New 31, North River—A new pier is being built at the foot of Watts street, under Contract No. 639.

South Canal Street Section—The New Jersey Steamboat Company, owners of a portion of the old bulkhead on the westerly side of West street, between Watts and Hoboken streets, have begun building the bulkhead or river wall in front of their property, under the provisions of chapter 397 of the Laws of 1893, permit of Board of Docks, November 22, 1894, approved by the Sinking Fund Commissioners December 21, 1894, and also under a permit and agreement made with the Department of Docks, dated February 16, 1898, and approved by the Commissioners of the Sinking Fund May 9, 1898.

Sections North of Canal Street.

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

SECTIONS.	LENGTH OF "E," OR TOP COURSE OF GRANITE UNDER COPING.
Canal street extended.....	113.74
Canal street.....	333.74
Spring street.....	139.92
Charlton street.....	406.74
Old King street.....	148.41
New King street.....	114.49
Lower Clarkson street.....	152.91
Houston street.....	109.89
Upper Clarkson street.....	102.51
Leroy street.....	561.46
Morton street.....	151.33
Christopher street.....	1,095.22
Total.....	3,430.36

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

Pier, new 43, North River—A contract was awarded by the Board in 1897 for erecting a recreation structure on this pier under chapter 298 of the Laws of 1892. The work has been completed and the recreation building opened to the public on June 25, 1898.

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, the work became unnecessary and the section was removed.

Gansevoort Section—Extending from the northerly side of Pier, new 46, to the northerly side of the pier at Gansevoort street, North river, a distance of about 2,133.61 feet.

The improvement upon this section was begun in general accordance with the plan and proposition submitted in the annual report of 1880, and modified in accordance with the needs and requests of the lessees. The wall has been completed from Gansevoort street southerly to Perry street, a distance of about 1,411 feet. Filling is being placed and the marginal street paved.

This section includes new piers at West Eleventh, Bank, Bethune, Jane and Gansevoort streets, all of which have been completed. Sheds have been built upon the piers and bulkheads by the lessees.

New Oyster Basin—The construction of the bulkhead-wall at the Gansevoort section necessitated the removal of the oyster scows from the old basin. The Board, by resolution of August 26, 1898, directed the Engineer-in-Chief to proceed with the removal of Pier, old 57, and with the construction of an extension to Pier, old 56½, North river, and with the construction of a new pier north of Bloomfield street on the new pier lines, and an extension thereto, to form a temporary oyster basin. The work was begun on September 6, and is now nearly completed.

Pier at Twentieth Street—An extension of this pier to the pierhead-line of 1897 was constructed for the use of the Knickerbocker Steamboat Company at the cost and expense of the said company.

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," OR TOP COURSE OF GRANITE UNDER COPING.
West Twenty-third street, south end.....	1,229.64
West Twenty-third street, north end.....	615.42
West Thirty-first street.....	257.50
West Thirty-second street.....	515.00
West Thirty-third street.....	93.75
Total.....	2,716.31

These Sections have been completed and are in use; the West Twenty-third street Section having been completed during the year. 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.

New-made Land at Piers, new 55, 56, 57, 58, 59 and 60, N. R.—The new-made land in the vicinity of these piers is being paved with granite blocks.

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 198.75 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. Considerable work has been done on this Section during the year, and the Section is nearly completed. A portion of the old Pier at Thirty-fourth street was removed and a new Pier for the accommodation of ocean going steamships was built by the force of the Department under a unanimous resolution of the Board of Docks, February 11, 1898.

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. The Board at a meeting held September 2, 1898, passed a unanimous resolution directing the construction of the bulkhead wall at the foot of the street.

West Fifty-second Street Section (south end)—Extending from 83 feet 10 inches southerly of the southerly side of West Fifty-fifth 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.

Pier, Fifty-fifth Street, N. R.—This Pier was thoroughly repaired and extended out to the pierhead-line of 1897 under Contract No. 627; and a recreation structure is being erected on the Pier, under Contract No. 621, in accordance with chapter 298 of the Laws of 1892.

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

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 557.21 feet, under unanimous resolution of the Board, March 1, 1893.

Pier East Third Street—The recreation structure on this Pier was inclosed under Contract No. 620.

Pier East Fourth Street—New wooden Pier with appurtenances has been built at the foot of Fourth street under Contract No. 626.

Pier at Twentieth Street—A new wooden Pier is in course of construction by the force of the Department under a resolution of the Board of Docks, February 11, 1898.

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.

Pier East Twenty-fourth Street—The recreation structure on this Pier was inclosed under Contract No. 620.

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.

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

This Section was substantially completed in 1892, and is in use by the Department of Public Charities in connection with Bellevue 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 260.54 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 New York and College Point Ferry Company having removed their ferry structures, the work on this Section, which had been suspended, was resumed on November 16, 1898, and has been carried on up to date. Filling has been received and graded in the rear of the wall, and the Section is now nearly completed.

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.

This 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.

East One Hundred and Twelfth Street Section—At East One Hundred and Twelfth street a new Pier has been constructed under Contract No. 605, and a recreation structure built thereon under Contract No. 604 in conformity with chapter 298, Laws of 1892.

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 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 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 built 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 25 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 367.27 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. 560, in 1897.

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 1,467 feet.

WORK OF CONSTRUCTION NOT UNDER NEW PLAN.

Pier at One Hundred and Twenty-ninth Street N. R.—This Pier was extended and widened under Contract No. 614, and a passenger and freight shed is being built thereon, under Contract No. 625, and in accordance with chapter 298 of the Laws of 1892.

Between West One Hundred and Thirty-fifth and One Hundred and Thirty-seventh Streets, N. R.—A crib bulkhead has been completed at this locality, under Contract No. 630, and earth filling has been placed in the rear thereof.

Pier 48, E. R.—This Pier is being extended out to the pierhead-line of 1890, by the force of the Department.

Riker's Island—An extension to the cribwork bulkhead has been built under Contract No. 613.

HARLEM RIVER.

One Hundred and Thirty-eighth Street, west of Gerard Avenue—Filling is being deposited on the easterly side of Harlem river in the vicinity of the above premises by John Cronwell, under permit of the Board.

One Hundred and Forty-fourth Street, East Side of Harlem River—Filling is being deposited in this vicinity by Jordan L. Mott, under permit of the Board.

One Hundred and Forty-sixth Street, Cheever Place—A crib-bulkhead was erected at this locality by Charles Van Riper, under a permit of the Board, and the area in rear of the crib has been filled in to grade.

One Hundred and Forty-seventh Street—The area from the northerly side of One Hundred and Forty-seventh street to the southerly side of One Hundred and Fiftieth street, and for a distance of 232 feet westerly of Lenox avenue is being filled in to grade of five feet above high water by John D. Crimmins under permit of the Board.

Morris Heights—Considerable work has been done at the premises of the Gas Engine and Power Company at Morris Heights. Filling in was deposited and structures erected for the use of the above company.

BRONX KILLS.

Willow Avenue—Filling at these premises was extended and a rip-rap embankment has been constructed by the New York, New Haven and Hartford Railroad Company. Also filling was deposited by the Port Morris Land and Improvement Company and a rip-rap retaining structure erected to retain same.

West Farms—A crib-bulkhead has been erected on property adjoining that of the New York, New Haven and Hartford Railroad Company's by O. J. Stevens.

LONG ISLAND SOUND.

Classon's Point—The salt meadows above high-water mark in this locality were filled in by material dredged from in front of the dock and deposited on the meadows. The work was done by Clinton Stephens under permit of the Board.

Oak Point, Leggett's Creek—The water front in this vicinity is being improved by filling in, etc., from time to time by the East Bay Land and Improvement Company under permit of the Board. The work is being confined at the present time to the property owned by the company.

BOROUGH OF BROOKLYN.

Wallabout Improvement—Under a contract with Augustin Walsh a bulkhead-wall with appurtenances along east side of the Wallabout basin was constructed during the year and is almost completed. Under a contract with the International Contracting Company the Wallabout basin has been dredged.

GENERAL REPAIRS.

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

RECREATION STRUCTURES.

The recreation structures on the North, East and Harlem river were all cared for and maintained.

FLOATING PROPERTY.

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

Two pile drivers, Nos. 2 and 3, were condemned and destroyed.

The 12-ton derrick, No. 1, is being converted into a 40-ton derrick, under a unanimous resolution of the Board November 11, 1898.

A new launch has been built for the use of the Department by the Marine Vapor Engine Company.

Plans, specifications and form of contract are being prepared for constructing a new steel propeller.

SURVEYING FORCE.

During the year the routine work of the Surveying Party has been attended to, which consisted in the giving of lines and grades for the construction of the bulkhead or river wall, in course of construction at the various Sections on the North and Harlem rivers; also, for the construction of new piers, laying of pavement, and for all work of general repairs done by the Department, either by contract or by day's work by the force of the Department.

Lines and grades have also been given for the construction of the wall in the Wallabout Basin, Borough of Brooklyn.

In connection with the above work it was necessary to frequently verify base lines and bench marks, and also establish new bench marks.

The quantities of sand, broken stone, rip-rap and cobble used by the Department in its work of construction have been measured and calculated.

All dredging done by the Department has been supervised, and a detailed report of such dredging, giving the location, the amount excavated, the depth made, and the cost thereof, have been submitted.

In addition to this, the work of removing the reef of rock, and filling in behind the crib-work at Sherman's creek, Harlem river, has been supervised.

All dredging done by lessees, owners and others, under a permit from the Board, has been supervised, and a record kept of the depth made; a detailed report of same is given in the appendix.

Soundings have been taken over the water front under the jurisdiction of this Department, in order to ascertain the depth of water existing thereat. The sum total of these soundings is as follows:

	DISC SOUNDINGS.	SLIPS.	ROD SOUNDINGS.	SLIPS.
On North River.....	78,907	262	6,854	51
East and Harlem Rivers.....	60,347	292	1,965	23
Borough of The Bronx.....	9,800	24	.....	..
Borough of Brooklyn.....	76,293	318	.....	..
Borough of Queens.....	17,409	117	.....	..
Borough of Richmond.....	3,142	17	.....	..

Various pieces of construction and filling by private parties, under permit from the Board, have been supervised.

In compliance with the provisions of the new Charter, accurate and extensive surveys are in progress over the entire water front in the boroughs of Brooklyn, Queens and Richmond.

In the Borough of Brooklyn—70 miles of water front have been surveyed, and 22 miles of base line established. In conjunction with this, 76,293 soundings have been taken.

In the Borough of Queens—17 miles of water front have been surveyed, and 8 miles of base line established. In conjunction with this, 17,409 disc soundings have been taken.

In the Borough of Richmond—3 miles of water front have been surveyed, and 5 miles of base line established. In conjunction with this, 3,142 soundings have been taken.

In the Borough of Manhattan—One and one-half miles of new base line have been established, 7 miles of old base line have been verified, and 23 miles of water front surveyed.

In the Borough of The Bronx—The survey of that portion of this borough which was annexed under chapter 934 of the Laws of 1895, has been completed. During the year 6 miles of water front have been surveyed, 4 miles of base lines established, 1,400 levels taken, together with 6,000 disc soundings, in order to locate the line of mean-high and mean-low water marks. The notes of these surveys have all been plotted, carefully calculated and adjusted, and maps prepared therefrom.

11 automatic tide gauges have been continued in the boroughs of Manhattan and The Bronx, and their records preserved.

The 10 automatic tide gauges which have been established in the boroughs of Brooklyn, Queens and Richmond have been continued, and their records preserved, and the result of the readings will be used for future reference in determining the elevation of mean-high and mean-low water marks, the range of the tides, etc., in this new territory. In connection with the establishment of these tide gauges, and for the future use of the Department in the matter of new construction, etc., 47 miles of accurate levels have been run, and permanent bench marks established in the boroughs of Brooklyn, Queens and Richmond.

DEPARTMENT YARDS.

West Fifty-seventh Street Yard—The yard has been paved and drained, 1,510 square yards of paving having been laid. 8,157 1/4 barrels of Portland cement have been received at this yard for the work of the Department. 105 base blocks for bulkhead or river wall, containing nearly 3,552.16 cubic yards of concrete have been built at this yard. Various stores and supplies have been received and issued as usual, and a large number of tests have been made on the Department testing machine. The yard has been maintained in good order and condition.

East Twenty-fourth Street Yard—5,732 3/4 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. 40 base blocks for the bulkhead or river wall have been built at this yard.

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 year.

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

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

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

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

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

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

NEW BULKHEAD AND PIERHEAD-LINES.

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

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

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

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 Bungay street; also around Blackwell's, Randall's and Ward's Islands, and the sunken meadow east of Randall's Island.

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

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

The report and 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.

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.

This modification is of very great value to the Department, because it permits the building of piers 700 feet long from West Thirtieth to West Sixty-first 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.

A modification in the pierhead-line, extending from Newtown creek to Devoe's canal, in the Borough of Queens, was approved by the Secretary of War February 18, 1898. This modification is one that was proposed before the consolidation of the five boroughs.

On November 4, 1898, the Board of Docks applied to the Secretary of War for a modification of the bulkhead and pierhead-line, extending from East Thirty-first to East Fifty-fourth street, which modification consisted in throwing the bulkhead and pierhead-line 150 feet further east or into the river. This modification has not yet been approved by the Secretary of War.

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, 1871, and adopted by the Commissioners of the Sinking Fund April 27, 1871, on the North river, between the northerly side of Pier, new 46, 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 the plan that the improvements on the Gansevoort Section are being carried out.

On October 21, 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. The change was approved by the Commissioners of the Sinking Fund August 9, 1897.

On January 14, 1898, the new plan from Gansevoort Market to West Twenty-third street, North river, was changed by the Board of Docks, and approved by the Commissioners of the Sinking Fund March 11, 1898.

On March 25, 1898, the lines for Piers, new 30 and new 31, from Watts to Desbrosses street, were changed by the Board of Docks, and approved by the Commissioners of the Sinking Fund June 9, 1898.

On December 30, 1898, the new plan of 1871, from Catharine slip to Montgomery street, was changed by the Board of Docks, and the recommended change sent to the Commissioners of the Sinking Fund for approval.

The length built of the City's bulkhead or river wall on the North river for the year is 1,550 feet; on the East river and Harlem river no increase has been made, and in the Wallabout Basin 1,000 feet; 204 feet were built at the cost and expense of private parties, making a total of 2,754 feet.

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

On the North river.....	14,909 feet.
On the East river.....	2,706 "
On the Harlem river.....	2,072 "
Wallabout Basin.....	2,752 "
Total.....	22,441 feet.

Of this amount 436 feet have been built by private parties. Six new Piers have been built on the North river, and seven Piers extended. On the East river two new Piers have been built, one new platform has been built and one extended.

The total new wharfage room made during the year by the City and private parties is about 16,006 feet, and the superficial area of the Piers has been increased 552,000 square feet.

I submit herewith a map showing the proportion of city property to private ownership along the water-front in the Borough of Manhattan.

Very respectfully, your obedient servant,

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

APPENDIX.

Summary of the Journal of the Work for the Year ending December 31, 1898.

WORK OF CONSTRUCTION UNDER THE NEW PLAN.

NORTH RIVER WATER-FRONT.

BARCLAY STREET SECTION, EXTENDED.

Resolution of the Board, December 30, 1897.

BULKHEAD WALL PROPER.

Stone Filling.

October 22 to December 28, 1898.—Cobble—3,104 cubic yards of cobble were deposited on wall foundation by Murray & Co. under Treasurer's Orders Nos. 19649 and 19697.

November 1 to December 31, 1898.—Rip-rap—1,839 cubic yards of rip-rap were deposited in rear of wall foundation by Murray & Co. under Treasurer's Orders Nos. 19647 and 19707.

Piling and Woodwork.

November 3 to December 31, 1898.—Vertical piles—298 vertical piles were driven, regulated and stay-lathed to place.

November 22 to 28, 1898.—Bracing piles—26 bracing piles were driven and regulated.

November 7 to December 19, 1898.—Binding frames—3 binding frames were sunk and secured to place.

November 28 to December 28, 1898.—Sawing piles—78 deep and 210 high-cut piles were sawed off to grade.

December 8 to 9, 1898.—Longitudinal capping—Bracing piles were regulated for and 134 linear feet of capping placed.

December 16 to 23, 1898.—Transverse capping—Vertical piles were regulated for and 22 caps were placed.

December 28 to 30, 1898.—Cap decking—Deck was placed on caps in rear of masonry.

Masonry.

December 14 to 23, 1898.—Base Blocks and Mattresses—Mattresses were prepared for and six concrete blocks were set in the wall.

December 20, 1898.—Chain Holes—Chain holes in the blocks set were filled with concrete in bags.

December 31, 1898.—Granite—Stones were cut preparatory to setting and tools sharpened.

Recapitulation of Work Done and to be Done on the Bulkhead-wall, Barclay Street Section, Extended, in Linear Feet.

Length of Section, 139.07 feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	125.00	125.00	14.07
Stone Filling—Cobble.....	60.00	60.00	79.07
" Rip-rap.....	60.00	60.00	79.07
Piling and Woodwork—Vertical piles.....	88.50	88.50	50.57

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Piling and Woodwork—Bracing Piles.....	75.00	75.00	64.07
" Binding frames.....	72.00	72.00	67.07
" Sawing piles.....	76.50	76.50	62.57
" Longitudinal capping.....	66.00	66.00	73.07
" Transverse capping.....	64.50	64.50	74.57
" Cap decking.....	64.50	64.50	74.57
Masonry—Base blocks.....	73.07	73.07	66.00
" Chain holes.....	73.07	73.07	66.00
" AB course granite.....	.....	.....	139.07
" E course granite.....	.....	.....	139.07
" D course granite.....	.....	.....	139.07
" E course granite.....	.....	.....	139.07
" Concrete backing.....	.....	.....	139.07
" Coping.....	.....	.....	139.07
" Backing logs.....	.....	.....	139.07
" Pointing.....	.....	.....	139.07
Work actually completed.....	.....	.....	139.07

GENERAL CHARGE.

March 11 to October 10, 1898.—Removing old work—Sheathing removed from Pier, old 25 to make examination, and bulkhead and platform in rear of wall were removed, timber rafted, and bulkhead built around platform.

December 27 to 31, 1898.—Earth filling—Secretary's Order No. 18417.—Planking in rear of wall removed to make way for earth filling. Filling was placed in rear of wall by the New York Central and Hudson River Railroad Company.

PARK PLACE SECTION.

Resolution of the Board, December 30, 1897.

BULKHEAD WALL PROPER.

Stone Filling.

April 19 to September 12, 1898.—Cobble—2,625 cubic yards of cobble were deposited on wall foundation by Murray & Co., under Contract No. 623 and Treasurer's Order Nos. 19485, 19546 and 19590.

April 18 to September 30, 1898.—Rip-rap—4,098 cubic yards of rip-rap were deposited in rear of wall foundation by Brown & Fleming and Murray & Co., under Treasurer's Order Nos. 19397, 19420, 19458, 19524, 19558 and 19647.

Piling and Woodwork.

June 7 to August 3, 1898.—Vertical piles—227 vertical piles were driven, regulated and stay-lathed to place.

June 13 to July 21, 1898.—Bracing piles—35 bracing piles were driven and regulated.

June 8 to July 18, 1898.—Binding frames—Three binding frames were made, sunk and secured to place.

June 8 to August 22, 1898.—Sawing piles—74 deep and 128 high-cut piles were sawed off to grade.

August 16 to 18, 1898.—Longitudinal capping—Bracing piles were regulated for and 121.6 linear feet of capping were placed.

August 4 to 29, 1898.—Transverse capping—Vertical piles were regulated for and 28 caps were placed.

July 26 to August 4, 1898.—Deck was placed on caps in rear of masonry.

Masonry.

August 4 to 8, 1898.—Base blocks and mattresses—Mattresses were prepared for and five concrete blocks were set in the wall.

August 5 to 6, 1898.—Chain-holes—Chain-holes in the concrete blocks were filled with concrete in bags.

August 16 to September 30, 1898.—Granite—Stones were cut and 66 pieces of granite were set in the wall.

September 20 to 30, 1898.—Concrete backing—Mould boards were placed and 153 batches of concrete were made and placed in rear of the granite set.

October 25 to November 1, 1898.—Coping—Stones were cut and six pieces of coping were set on the E course of granite.

November 3 to 18, 1898.—Backing-logs and drilling bolt-holes—Bolt-holes were drilled in the coping and backing-logs placed and fastened.

September 24 to November 3, 1898.—Pointing—328 linear feet of joints in the granite were pointed.

Recapitulation of Work Done and to be Done on the Bulkhead-wall, Park Place Section, in Linear Feet.

Length of Section, 226.24 feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	75.6	75.6	150.64
Stone-filling—Cobble.....	60.6	60.6	165.64
" Rip-rap.....	60.6	60.6	165.64
Piling and woodwork—Vertical piles.....	66.6	66.6	159.64
" Bracing piles.....	62.6	62.6	163.64
" Binding frames.....	65.6	65.6	160.64
" Sawing piles.....	63.6	63.6	162.64
" Longitudinal capping.....	65.6	65.6	160.64
" Transverse capping.....	61.4	61.4	164.84
" Cap-decking.....	59.6	59.6	166.64
Masonry—Base blocks.....	60.38	60.38	165.86
" Chain holes.....	60.38	60.38	165.86
" AB course granite.....	57.85	57.85	163.39
" C course granite.....	52.63	52.63	173.67
" D course granite.....	49.16	49.16	177.83
" E course granite.....	44.61	44.61	181.63
" Concrete backing.....	44.61	44.61	181.63
" Coping.....	39.88	39.88	186.36
" Backing-logs.....	35.6	35.6	190.64
" Pointing.....	39.88	39.88	186.36
Work actually completed.....	39.88	39.88	186.36

GENERAL CHARGE.

July 25 to October 25, 1898.—Removing Old Work—Bulkhead and platform in rear of wall removed and fence built to inclose section.

August 1 to December 31, 1898.—Earth-filling—Secretary's Order No. 18417.—Filling is being placed in rear of wall by the New York Central and Hudson River Railroad Company.

October 10 to December 13, 1898.—Temporary Approach—Roadway was built across earth-filling to connect Pier, old 27.

Extending Piers, old 25 and 27.

Secretary's Order No. 18346.

October 27 to December 31, 1898.—Piers are being extended out to the pier-head line by the New York Central and Hudson River Railroad Company.

MURRAY STREET SECTION.

Resolution of the Board, October 25, 1897.

BULKHEAD-WALL PROPER.

Stone Filling.

March 14 to August 29, 1898.—Cobble—7,828 cubic yards of cobble were deposited on wall foundation under Contract No. 623 and Treasurer's Orders Nos. 19355, 19366, 19485 and 16546, by Murray & Co.

March 25 to September 8, 1898.—Rip-rap—8,923 cubic yards of rip-rap were deposited in rear of wall foundation by Brown & Fleming and Murray & Co., under Treasurer's Orders Nos. 19371, 19397, 16420, 19445, 19468, 19472, 19483 and 19558.

Piling and Woodwork.

March 10 to June 11, 1898.—Vertical piles—475 vertical piles, were driven, regulated and stay-lathed to place.

April 21 to June 18, 1898.—Bracing Piles—81 bracing piles were driven and regulated.

April 11 to July 16, 1898.—Binding Frames—6 binding frames were made, sunk and secured to place.

April 19 to June 30, 1898.—Sawing Piles—212 deep and 299 high-cut piles were sawed off to grade.

May 13 to June 30, 1898.—Longitudinal Capping—Bracing piles were regulated for and 514 linear feet of capping placed.

May 13 to August 30, 1898.—Transverse Capping—Vertical piles were regulated for and 52 caps were placed.

July 26 to September 13, 1898.—Cap Decking—Deck was placed on caps in rear of masonry.

Masonry.

May 2 to August 4, 1898.—Base Blocks and Mattresses—Mattresses were prepared for and 13 7-12 blocks were set in the wall.

May 9 to August 6, 1898.—Chain-holes—Chain-holes in the concrete blocks were filled with concrete in bags.

May 31 to September 21, 1898.—Granite—Stones were cut and 189 pieces of granite were set in the wall.

May 28 to September 21, 1898.—Concrete Backing—Mould boards were placed and 490 batches of concrete were made and placed in rear of the granite set.

November 3 to 4, 1898.—Backing-logs and Drilling Bolt-holes—Bolt-holes were drilled in the coping and backing-logs placed and fastened.

October 25 to November 2, 1898.—Coping—Stones were cut and 15 pieces of coping were set on the E course of granite.

September 15 to November 7, 1898.—Pointing—907 linear feet of joints in the granite were pointed.

Recapitulation of Work Done and to be Done on the Bulkhead-wall, Murray Street Section, in Linear Feet.

Length of Section—160.4 Feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	160.40	160.40	.....
Stone-filling—Cobble.....	160.40	160.40	.....
“ Rip-rap.....	160.40	160.40	.....
Piling and Woodwork—Vertical piles.....	160.40	160.40	.....
“ Bracing piles.....	160.40	160.40	.....
“ Binding frames.....	160.40	160.40	.....
“ Sawing piles.....	160.40	160.40	.....
“ Longitudinal capping.....	160.40	160.40	.....
“ Transverse capping.....	160.40	160.40	.....
“ Cap decking.....	160.40	160.40	.....
Masonry—Base blocks.....	160.40	160.40	.....
“ Chain holes.....	160.40	160.40	.....
“ AB course granite.....	160.40	160.40	.....
“ C course granite.....	160.40	160.40	.....
“ D course granite.....	160.40	160.40	.....
“ E course granite.....	160.40	160.40	.....
“ Concrete backing.....	160.40	160.40	.....
“ Coping.....	86.40	86.40	.....
“ Backing-logs.....	86.40	86.40	.....
“ Pointing.....	160.40	160.40	.....
Work actually completed.....	160.40	160.40	.....

GENERAL CHARGE.

January 3 to November 2, 1898.—Removing old work—Inner end Pier, old 28, bulkhead, platform and sheds were removed. Fence built around section and removed. Temporary approach to pier removed.

July 18 to October 10, 1898.—Pier, old 28—Inner end of Pier where removed to make way for the bulkhead-wall was rebuilt.

July 29 to November 22, 1898.—Earth-filling—15,569 loads of filling were placed in rear of wall by G. W. Plunkitt.

WARREN STREET SECTION.

Resolution of the Board, May 25, 1893.

BULKHEAD-WALL PROPER.

Piling and Woodwork.

April 1, 1898.—Vertical Piles—Seventeen vertical piles were driven, regulated and stay-lathed to place.

July 11, 1898.—Cap Decking—Deck was placed on caps in rear of masonry.

Masonry.

May 6, 1898.—Base Blocks and Mattresses—Mattresses were prepared for and 5-12 concrete block set in the wall.

May 9 to 14, 1898.—Chain Holes—Chain holes in the concrete blocks were filled with concrete in bags.

June 29 to July 1, 1898.—Granite—Stones were cut and twelve pieces of granite were set in the wall.

June 29 to July 1, 1898.—Concrete Backing—Mould boards were placed and twenty-eight batches of concrete were made and placed in rear of the granite set.

November 2 to 16, 1898.—Backing Logs and Drilling Bolt Holes—Bolt holes were drilled and backing log placed on coping and fastened.

September 13 to November 9, 1898.—Pointing—One hundred and forty-five linear feet of joints in the granite were pointed.

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

Length of Section, 246.26 Feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	.....	246.26	.....
Stone-filling—Cobble.....	24	246.26	.....
“ Rip-rap.....	28	246.26	.....
Piling and Woodwork—Vertical piles.....	6	246.26	.....
“ Bracing piles.....	6	246.26	.....
“ Binding frames.....	6	246.26	.....
“ Sawing piles.....	6	246.26	.....
“ Longitudinal capping.....	6	246.26	.....
“ Transverse capping.....	11	246.26	.....
“ Cap decking.....	18	246.26	.....
Masonry—Base blocks.....	9	246.26	.....
“ Chain holes.....	9	246.26	.....
“ AB course granite.....	17.7	246.26	.....
“ E course granite.....	18.6	246.26	.....
“ D course granite.....	22.9	246.26	.....
“ E course granite.....	26.7	246.26	.....
“ Concrete backing.....	26	246.26	.....
“ Coping.....	31.3	186.26	.....
“ Backing-logs.....	45	186.26	.....
“ Pointing.....	29	246.26	.....
Work actually completed.....	45	246.26	.....

GENERAL CHARGE.

July 28 to November 15, 1898.—Removing Old Work—Bulkhead, platform and approach in rear of wall were removed.

July 11 to December 27, 1898.—Earth-filling—7,487 loads of filling were placed in rear of wall by G. W. Plunkitt.

PIERS, NEW 20 AND 21.

Extending Piers, new 20 and 21.

Contract No. 624.

April 1 to June 11, 1898.—George W. Rogers preparing for and extending piers out to pier-head line. Under Contract No. 624.

DESBROSSES STREET SECTION.

Secretary's Order No. 14305.

August 4 to December 31, 1898.—Henry D. Steers preparing for and building a section of wall north of Desbrosses street for the Pennsylvania Railroad Company.

WATTS STREET SECTION.

Resolution of the Board, June 17, 1898.

BULKHEAD-WALL PROPER.

Stone-filling.

October 7 to 20, 1898.—Cobble—1,084 cubic yards of cobble were deposited on wall foundation under Treasurer's Orders Nos. 19590 and 19649, by Murray & Co.

October 11 to 19, 1898.—Rip-rap—1,522 cubic yards of rip-rap were deposited in rear of wall foundation by Brown & Fleming and Murray & Co., under Treasurer's Orders Nos. 19580 and 19647.

Piling and Woodwork.

December 8 to 31, 1898.—Vertical piles—48 vertical piles were driven, regulated and stay-lathed to place.

Recapitulation of Work Done or to be Done on the Bulkhead-wall, Watts Street Section, in Linear Feet.

Length of Section, 65 Feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	65	65	.....
Stone-filling—Cobble.....	65
“ Rip-rap.....	65
Piling and woodwork—Vertical piles.....	22.31	22.31	42.69
“ Bracing piles.....	65
“ Sawing piles.....	65
“ Longitudinal capping.....	65
“ Transverse capping.....	65
“ Cap decking.....	65
Masonry—Base blocks, upper.....	65
“ Base blocks, lower.....	65
“ Chain holes.....	65
“ AB course granite.....	65
“ C course granite.....	65
“ D course granite.....	65
“ E course granite.....	65
“ Concrete backing.....	65
“ Coping.....	65
“ Backing logs.....	65
“ Pointing.....	65
Work actually completed.....	65

GENERAL CHARGE.

June 2 to October 22, 1898.—Removing Old Work—Pier, old 40, shed, bulkhead and platform in rear of wall were removed.

December 27, 1898.—Tool-house—Tool-house was erected for use on section.

August 5 to 6, 1898.—Test Piles—Test piles were driven to ascertain nature of river bottom and length of pile required.

PIER, NEW 31, N. R.

October 7 to December 31, 1898.—Pier, new 31—Henry D. Steers, preparing for and building new pier. Under Contract No. 639.

SOUTH CANAL STREET SECTION.

Secretary's Order No. 14451.

December 24 to 31, 1898.—Henry D. Steers, preparing for and building a section of wall south of Canal street for the New Jersey Steamboat Company. Under Secretary's Order No. 14451.

December 12 to 24, 1898.—Henry D. Steers, building a temporary approach to Pier, old 41, under Secretary's Order No. 18705.

PERRY STREET SECTION, N. R.

Engineer's Order.—Granite headers and stretchers were separated from the concrete en masse and were recut. Begun January 10, 1898; finished February 19, 1898.

GANSEVOORT SECTION.

Resolution of the Board, June 17, 1897.

BULKHEAD-WALL PROPER.

Stone-filling.

June 3 to December 27, 1898.—Cobble—33,941 cubic yards of cobble were deposited on wall foundation by Murray & Co., under Contracts Nos. 599 and 623 and Treasurer's Orders Nos. 19295, 19316, 19326, 19355, 19366, 19485, 19546, 19590, 19649 and 19697.

January 3 to December 31, 1898.—Rip-rap—40,393 cubic yards of rip-rap were deposited in front and in rear of wall foundation by Sheridan & Shea, Brown & Fleming and Murray & Co., under Contract No. 599 and Treasurer's Orders Nos. 19257, 19275, 19371, 19397, 19420, 19445, 19468, 19472, 19483, 19493, 19524, 19558, 19580, 19647 and 19707.

Piling and Woodwork.

January 3 to December 19, 1898.—Vertical piles—3,297 vertical piles were driven, regulated and stay-lathed to place.

January 3 to November 22, 1898.—Bracing Piles—577 bracing piles were driven and regulated.

January 3 to November 4, 1898.—Binding Frames—45 binding frames were made, sunk and secured to place.

January 3 to December 20, 1898.—Sawing Piles—2,233 high and 1,287 deep-cut piles were sawed off to grade.

January 3 to December 13, 1898.—Longitudinal Capping—Bracing piles were regulated for and 4,193 linear feet of capping placed.

January 3 to December 28, 1898.—Transverse Capping—Vertical piles were regulated for and 432 caps were placed.

January 26 to December 19, 1898.—Cap Decking—Deck was placed on caps in rear of masonry.

Masonry.

January 3 to December 29, 1898.—Base Blocks and Mattresses—Mattresses were prepared for and 106 concrete blocks were set in the wall.

January 3 to December 31, 1898.—Chain Holes—Chain holes in the concrete blocks were filled with concrete in bags.

January 3 to December 31, 1898.—Granite—Stones were cut and 1,573 pieces of granite were set in the wall.

January 3 to December 3, 1898.—Concrete Backing—Mould boards were placed and 3,395 batches of concrete were made and placed in rear of the granite set.

May 21 to December 17, 1898.—Coping—Stones were cut and 96 pieces of coping were set on the E course of granite.

November 3 to December 17, 1898.—Backing Logs and Drilling Bolt Holes—Bolt holes were drilled in coping and backing logs were placed and fastened.

January 11 to December 21, 1898.—Pointing—5,596 linear feet of joints in the granite were pointed.

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

Length of Section, 2,133 Feet.

	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging .....	.....	1,678.	455.61
Stone-filling—Cobble	768.4	1,435.	698.61
“ Rip-rap	1,083.1	1,435.	698.61
Piling and Woodwork—Vertical piles	1,100.	1,678.	455.61
“ Bracing piles	1,176.	1,678.	455.61
“ Binding frames	1,155.	1,678.	455.61
“ Sawing piles	1,201.	1,678.	455.61
“ Longitudinal capping	1,386.	1,678.	455.61
“ Transverse capping	1,376.	1,652.	481.61
“ Cap decking	1,457.	1,475.	658.61
Masonry—Base blocks	1,280.43	1,678.84	454.77
“ Chain holes	1,280.43	1,678.84	454.77
“ AB course granite	1,226.17	1,444.89	688.72
“ C course granite	1,745.15	1,436.79	696.82
“ D course granite	1,263.32	1,424.52	709.09
“ E course granite	1,253.04	1,410.53	723.08
“ Concrete backing	1,253.04	1,410.53	723.08
“ Coping	831.01	831.01	747.60
“ Backing logs	476.60	476.60	1,102.01
“ Pointing	828.51	986.	1,147.61
Work actually completed	1,261.01	1,386.01	747.60

GENERAL CHARGE.

January 3 to October 10, 1898.—Clearing Premises—Area in rear of wall was leveled off to grade.

June 12 to February 8, 1898.—Removing Perry Street Section Bulkhead-wall—Four concrete blocks were removed from wall, placed on scows and transferred to West Thirty-fourth street.

January 3 to June 18, 1898.—Removing Old Buildings—Charles W. Rodgers, removing building on westerly side of West street, south of Horatio street.

July 30 to September 30, 1898.—Removing Old Work—Bulkhead between Perry and West Eleventh street and temporary approach to Pier, new 48, were removed.

April 26, 1898.—Removing Obstructions—Sunken piles in slip north of Bethune street Pier were removed.

April 1, 1898.—Commemorative Stone—Secretary's Order No. 17686—Platform and piles placed to protect stone were removed.

January 8 to December 31, 1898.—Temporary Fence—Fence was placed around section to protect property and partly removed.

July 7 to December 31, 1898.—Temporary Sewer—Excavation made and temporary sewers placed to connect with old sewers at Bank, Bethune, West Twelfth and Horatio streets.

August 5 to December 31, 1898.—Permanent Sewer—Secretary's Order No. 18365—Excavation made and permanent sewers placed at the foot of Bank and Jane streets.

November 11 to December 17, 1898.—Water main—Excavation made at Bank and Bethune streets to enable the Department of Water Supply to place water-mains to connect with piers.

December 2 to 17, 1898.—Temporary Approach—Plank approach was laid across earth-filling to Pier, new 48.

December 17 to 31, 1898.—Temporary Approach—Plank approach was laid across earth-filling to Pier, new 49.

January 24 to March 25, 1898.—Earth-filling—Secretary's Order No. 17810—4,115 loads of filling were placed in rear of wall at south end of section by Brown & Fleming.

March 26 to December 31, 1898.—Secretary's Order No. 18008—75,540 loads of filling were placed in rear of wall at south end of section by Brown & Fleming.

May 9 to December 31, 1898.—Secretary's Order No. 18008—34,745 loads of filling were placed in rear of wall at north end of section by J. F. Galligan & Co.

PIER WEST ELEVENTH STREET (NEW 48).

July 20, 1897, to March 8, 1898.—Contract No. 594—Grattan & Jennings, preparing for and building new Pier near foot of West Eleventh street.

PIER BANK STREET (NEW 49).

October 18, 1897, to August 4, 1898.—Contract No. 600—Henry D. Steers, preparing for and building new Pier near foot of Bank street.

PIER BETHUNE STREET (NEW 50).

October 27, 1897, to November 14, 1898.—Contract No. 608—R. P. Staats, preparing for and building new Pier near foot of Bethune street.

PIER JANE STREET (NEW 51).

December 28, 1897, to November 15, 1898.—Contract No. 606—Edward L. Preston, preparing for and building new Pier near foot of Jane street.

PIER GANSEVOORT STREET (NEW 52).

September 20, 1897, to June 16, 1898.—Contract No. 603—P. Sanford Ross, preparing for and building new Pier near foot of Gansevoort street.

PIER AT BLOOMFIELD STREET AND OYSTER BASIN.

Resolution of the Board, August 26, 1898.

September 6 to December 30, 1898.—A Temporary Oyster Basin is being constructed in the vicinity of Bloomfield street, and in this connection Pier, old 57, was renewed and a new pier is being built at Bloomfield street. This work is more fully described under the heading of "Temporary Construction under the 'New Plan.'"

PIER AT TWENTIETH STREET.

Secretary's Order No. 18072.

June 2, 1898, to July 11, 1898.—An extension of the pier to the pier-head line of 1897 was constructed for the use of the Knickerbocker Steamboat Company at the cost and expense of the said company.

WEST THIRTY-THIRD STREET SECTION.

Resolution of the Board, February 20, 1890.

BULKHEAD WALL PROPER.

Stone Filling.

May 21, 1898.—Cobble—120 cubic yards of cobble were deposited on wall foundation by Murray & Co., under Contract No. 623.

May 21, 1898.—Rip-Rap—160 cubic yards of rip-rap were deposited in rear of wall foundation by Brown & Fleming, under Treasurer's Order No. 19445.

Piling and Woodwork.

June 7, 1898.—Transverse Capping—Caps were secured to place.

Masonry.

July 25 to 26, 1898.—Granite—Stones were cut and thirteen pieces of granite were set in the wall.

July 25 to 26, 1898.—Concrete Backing—Mould boards were placed, and twenty-nine batches of concrete were made and placed in rear of the granite set.

August 26, 1898.—Coping—Stones were cut and five pieces of coping were set on the "E" course of granite.

December 2 to 5, 1898.—Backing-logs and Drilling Bolt-holes—Bolt-holes were drilled in coping and backing-logs were placed and fastened.

Recapitulation of Work done and to be done on the Bulkhead-wall, West Thirty-third street section, in linear feet.

Length of Section, 98.75 feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging .....	.....	98.75	.....
Stone-filling—Cobble .....	.....	98.75	.....
“ Rip-rap .....	.....	98.75	.....
Piling and Woodwork—Vertical piles .....	.....	98.75	.....
“ Bracing piles .....	.....	98.75	.....
“ Binding frames .....	.....	98.75	.....
“ Sawing piles .....	.....	98.75	.....
“ Longitudinal capping .....	.....	98.75	.....
“ Transverse capping	3.45	98.75	.....
“ Cap decking	3.95	98.75	.....
Masonry—Base blocks .....	.....	98.75	.....
“ Chain holes .....	.....	98.75	.....
“ AB course granite	10.08	98.75	.....
“ C course granite	10.93	98.75	.....
“ D course granite	14.64	98.75	.....
“ E course granite .....	.....	.....	.....
“ Concrete backing	14.64	98.75	.....
“ Coping	44.45	44.45	.....
“ Backing logs	44.45	44.45	.....
“ Pointing	14.64	98.75	.....
Work actually completed	44.45	98.75	.....

GENERAL CHARGE.

July 25, 1898.—Removing Old Work—Bulkhead and platform in rear of wall were removed.

WEST THIRTY-FOURTH STREET SECTION.

Resolution of the Board, March 11, 1897.

BULKHEAD-WALL PROPER.

Stone Filling.

January 10 to July 18, 1898.—Cobble—3,897 cubic yards of cobble were deposited on wall foundation by Muaray & Co., under Contracts Nos. 599 and 623, and Treasurer's Orders Nos. 19366 and 19485.

May 12 to June 24, 1898.—Rip-rap—3,611 cubic yards of rip-rap were deposited in rear of wall foundation, under Treasurer's Orders Nos. 19420, 19445, 19468 and 19483, by Brown & Fleming and Murray & Co.

Piling and Woodwork.

January 21 to May 14, 1898.—Vertical Piles—359 vertical piles were driven, regulated and stay-lathed to place.

March 22 to 30, 1898.—Bracing Piles—63 bracing piles were driven and regulated.

March 9 to May 21, 1898.—Binding Frames—Binding frames were made and two frames were sunk and secured to place.

March 12 to May 21, 1898.—Sawing Piles—309 high and 186 deep cut piles were sawed off to grade.

February 7 to May 21, 1898.—Longitudinal Capping—Bracing piles were regulated for, and 627 linear feet of capping placed.

February 14 to July 12, 1898.—Transverse Capping—Vertical piles were regulated for, and 64 caps were placed.

July 16, 1898.—Cap Decking—Deck was placed on caps in rear of masonry.

Masonry.

January 17 to April 30, 1898.—Base Blocks and Mattresses—Mattresses were prepared for and 16 concrete blocks (4 second-hand) were set in the wall.

January 17 to April 30, 1898.—Chain-holes—Chain-holes were filled with concrete in bags.

June 28 to August 27, 1898.—Granite—Stones were cut and 170 pieces of granite were set in the wall.

July 1 to August 5, 1898.—Concrete Backing—Mould boards were placed and 464 batches of concrete were made and placed in the rear of the granite set.

August 20 to September 3, 1898.—Coping-stones were cut and 7 pieces of coping were set on the E course of granite.

September 22 to December 5, 1898.—Backing-logs and Drilling Bolt-holes.—Bolt-holes were drilled in coping and backing-logs were placed and fastened.

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

Length of Section, 198.75 Feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	.....	198.75	....
Stone-filling—Cobble.....	62.01	193.81	4.94
“ Rip-rap.....	121.21	193.81	4.94
Piling and Woodwork—Vertical piles.....	110.26	193.81	4.94
“ Bracing piles.....	135.76	193.81	4.94
“ Binding frames.....	122.26	193.81	4.94
“ Sawing piles.....	128.81	193.81	4.94
“ Longitudinal capping.....	193.81	193.81	4.94
“ Transverse capping.....	193.81	193.81	4.94
“ Cap decking.....	193.81	193.81	4.94
Masonry—Base blocks.....	193.81	193.81	4.94
“ Chain holes.....	193.81	193.81	4.94
“ AB course granite.....	193.81	193.81	4.94
“ C “.....	193.81	193.81	4.94
“ D “.....	193.81	193.81	4.94
“ Concrete backing.....	193.81	193.81	4.94
“ Coping.....	98.75	98.75	....
“ Backing-logs.....	98.75	98.75	....
“ Pointing.....	193.81	193.81	4.94
Work actually completed.....	193.81	193.81	4.94

NOTE.—The bulkhead-wall at this section is completed, with the exception of 4.94 linear feet, work on which will not be resumed until the bulkhead-wall is carried further north.

GENERAL CHARGE.

January 15 to September 30, 1898.—Removing Old Work—Bulkhead and platform in rear of wall and temporary roadway to Pier were removed.

November 14 to December 10, 1898.—Box Drain—Excavation made and box drain made and placed through the earth-filling.

December 24 to 31, 1898.—Temporary Approach—Temporary approach being placed to connect with new Pier.

May 17 to December 31, 1898.—Earth-filling—Secretary's Order No. 18155—23,296 loads of filling were placed in rear of wall by G. W. Plunkitt.

PIER FOOT WEST THIRTY-FOURTH STREET.

Resolution of the Board, February 11, 1898.

February 15 to December 31, 1898.—Removing portion of old Pier and preparing for and building new Pier at foot of street.

WEST FORTY-THIRD STREET SECTION.

Resolution of the Board, September 2, 1898.

September 30 to October 6, 1898.—Test piles were driven to ascertain nature of river bottom and length of pile required.

EXTENDING PIER, FOOT WEST FIFTIETH STREET.

Contract No. 627.

March 2 to August 20, 1898.—John Monks and Sons preparing for, repairing and extending Pier.

BETWEEN ONE HUNDRED AND FIFTY-THIRD AND ONE HUNDRED AND FIFTY-FOURTH STREET, N. R.
December 20 to December 29.—Secretary's Order No. 18718—Preparing basin for piles to be furnished under Contract No. 642.

BETWEEN ONE HUNDRED AND FIFTY-EIGHTH AND ONE HUNDRED AND FIFTY-NINTH STREET, N. R.
December 30.—Secretary's Order No. 18718—Preparing basin for piles to be furnished under Contract No. 642; in progress.

MARGINAL STREET ALONG N. R.

LAYING PERMANENT PAVEMENT.

Horatio Street.

November 23 to December 31, 1898.—Treasurer's Order No. 19735.—John M. Sheehan, preparing for and laying granite pavement with appurtenances.

Gansevoort Street.

November 3 to December 30, 1898.—Treasurer's Order No. 19696.—John M. Sheehan, laying granite pavement and appurtenances.

Piers, New 55, 56 and 57.

August 1 to October 13, 1898.—Treasurer's Order No. 19538.—New York Sand and Gravel Company, laying granite pavement with appurtenances.

Piers, New 58, 59 and 60.

April 2 to May 2, 1898.—Treasurer's Order No. 19360.—John M. Sheehan, laying granite pavement with appurtenances.

West Seventy-seventh to West Seventy-ninth Street, N. R.

April 13 to May 4, 1898.—Treasurer's Order No. 19401.—The pavement along bulkhead was relaid. Used 2,127 feet, B. M., of yellow pine.

West Seventy-ninth to West Eightieth Street, N. R.

May 5 to May 18, 1898.—Treasurer's Order No. 19429.—The pavement along bulkhead was relaid. Used 1,363 feet, B. M., of yellow pine.

Foot of West Eightieth Street, N. R.

May 17 to May 21, 1898.—Treasurer's Order No. 19451.—The pavement thereat was relaid. Used 1,364 feet, B. M., of yellow pine.

EAST RIVER.

BULKHEAD BETWEEN CATHARINE AND MARKET SLIPS.

Under Secretary's Order No. 18697.

December 27, 1898.—Temporary piling is being placed in front of the bulkhead between the above slips in order to protect and maintain South street in its present line.

PIER FOOT OF FOURTH STREET, E. R.

Unanimous Resolution of Board, 9th of December, 1897.

April 4 to June 30, 1898.—Under Contract No. 626.—A new wooden Pier with appurtenances was built at the foot of Fourth street, East river, in substantial accordance with plans and specifications set forth in Contract No. 626, by John W. Flaherty.

Under Secretary's Order No. 18347.

July 18, 1898.—A wooden ramp, 25 feet long and 18 feet wide was constructed at the approach to the East Fourth Street Pier.

PIER FOOT OF TWENTIETH STREET, E. R.

Resolution of Board, 11th of February, 1898.

April 2 to December 31, 1898.—A new wooden Pier is in course of construction by the Department force, by day's labor. The preliminary work was begun April 2, 1898, and is nearing completion.

EAST NINETY-FIRST STREET SECTION.

Unanimous Resolution of Board, 20th of June, 1895.

GENERAL CHARGE.

Earth-Filling.

July 22 to July 25, 1898.—A hole in the rear of the bulkhead-wall was filled up.

Under Secretary's Order No. 18669.

December 15, 1898.—The necessary repairs are being made to the retaining piles at the bulkhead, also a dry wall is being built in order to protect the earth-filling.

EAST NINETY-NINTH STREET SECTION.

Unanimous Resolution of Board, June 20, 1895.

BULKHEAD-WALL PROPER.

Plan of 1876.

The work at the East Ninety-ninth street Section was suspended on April 5, 1897, awaiting the removal of the structures belonging to the New York and College Point Ferry Company at this place, which work was sufficiently progressed on November 16, 1898, to permit the resumption of building the remaining portion of the wall at this Section.

Dredging.

November 16, 1898.—A foundation is being prepared for the bulkhead-wall by pumping mud from the gap between East Ninety-ninth and One Hundredth streets, by means of a centrifugal pump rigged up on 12-ton Derrick, No. 2.

Masonry—Granite.

February 26 to 28, 1898.—Four second-hand fender piles were driven and fastened at the southerly corner of the bulkhead-wall as a protection to the granite facing against injury by vessels.

Recapitulation of Work Done on the Southerly End of East Ninety-ninth Street Section, in Linear Feet of Wall.

Plan of 1876—Section Length, 364.42 Feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1898.	Total to Date.	
Dredging.....	365	.....
Stone-filling—Cobble.....	330	35
“ Rip-rap.....	324	41
Piling and Woodwork—Vertical piles.....	287	78
“ Bracing piles.....	281	84
“ Binding frames.....	325	40
“ Sawing piles.....	281	84
“ Longitudinal capping.....	285	80
“ Transverse capping.....	277	88
“ Cap decking.....	267	98
Masonry—Base blocks.....	291	74
“ Chain-holes.....	278.49	85.93
“ AB course granite.....	269	95
“ C “.....	264	101
“ D “.....	260	105
“ E “.....	256	109
“ Concrete backing.....	220	245
“ Coping.....	130	.....
“ Backing-logs and bolt holes.....	130	.....
“ Pointing.....	252	113
Wall actually completed.....	256	109

N. B.—The northerly 20.30 feet of this Section is under plan of East One Hundred and Second street, and 12 feet of the wall at the north end has been completed under that plan.

GENERAL CHARGE.

Earth-filling.

Under Engineer's Order No. 17603.

March 24, 1897, to June 30, 1898.—12,035 loads of earth-filling were received from Daniel J. Gleason, and placed and graded in the rear of the bulkhead-wall, in accordance with the terms of sale, dated March 18, 1897.

July 20, 1898.—The filling received prior to the date of suspension was properly graded. This latter work was begun and completed on July 20, 1898.

October 19, 1898.—The timber rafts in the basin, which had become loosened, were refastened.

December 8 to December 17, 1898.—The East Ninety-ninth Street Section Office was cleaned and painted.

FOOT OF EAST NINETY-NINTH STREET, E. R.

Under Secretary's Order No. 17797.

July 15 to August 18, 1898.—Gains were cut in the wall at the foot of East Ninety-ninth street to permit the placing of bridge sills by the New York and College Point Ferry Company under permit of the Board.

EAST ONE HUNDRED AND TWELFTH STREET, H. R.

Resolution of Board, August 19, 1897.

October 7, 1897, to March 3, 1898.—Under Contract No. 605 a new wooden pier was built at the foot of East One Hundred and Twelfth street, Harlem river, by Henry D. Steers, assignee of Steers & Bensen, in conformity with the plans and specifications set forth in the contract.

TEMPORARY CONSTRUCTION UNDER “NEW PLAN.”

OYSTER BASIN.

Unanimous Resolution of the Board, August 26, 1898.

The work of building a temporary oyster-basin near the foot of Bloomfield street, North river, has been in progress.

Removing Pier, old 57, was begun September 13, 1898.

Building pier at Bloomfield street, begun September 6, 1898.

The extension of the pier at Bloomfield street begun December 30, 1898.

The extension to Pier, old 56½, was begun November 25, 1898.

WORK OF CONSTRUCTION NOT UNDER "NEW PLAN."*Extending Pier foot West One Hundred and Twenty-ninth Street, N. R.*

March 5 to December 5, 1898.—Gildersleeve & Rolf, preparing for, repairing and extending pier under Contract No. 614.

Crib-bulkhead, West One Hundred and Thirty-fifth to West One Hundred and Thirty-seventh Street.

August 8 to December 16, 1898.—Spearin & Preston, preparing for and building crib-bulkhead under Contract No. 630.

October 25 to December 10, 1898.—Box-drain—Excavation Made—Box-drain made and placed through earth-filling.

October 21 to December 31, 1898.—Earth-filling—Secretary's Order No. 18483—19,712 loads of filling were placed in rear of bulkhead by O'Brien, Sheehan & McBean.

Pier 48, E. R.

Under Secretary's Order No. 18725.—This order calls for extending Pier 48, East river, out to the pier-head line of 1890, in accordance with a resolution of the Board adopted at a meeting held December 16, 1898. The work was begun on December 16, 1898, by driving test piles for examination.

One Hundred and Forty-sixth Street, Cheever Place, H. R.

March 25 to June 14, 1898.—A crib-bulkhead was erected at above premises by Charles Van Riper, under permit of the Board.

West Farms, Bronx River.

July 1 to December 31, 1898.—A crib-bulkhead was erected at above premises on property adjoining that of the New York, New Haven and Hartford Railroad Company by Olin J. Stevens, under permit of the Board.

Tiffany Street, Bronx.

April 8 to 16, 1898.—A small pier, about 100 feet in length and 24 feet in width, was erected at above premises by James D. Dailey, under permit of the Board.

RIKER'S ISLAND, E. R.

Unanimous Resolution of Board, October 14, 1897.

Preparing for and Building a Cribwork Bulkhead Extension.

January 19 to April 13, 1898.—Under Contract No. 613.—An extension was built to the cribwork bulkhead at Riker's Island, East river, by Edward S. Walsh, in conformity with the plans and specifications set forth in Contract No. 613.

CONSTRUCTION AND INCIDENTAL WORK UNDER CHAPTER 529 OF THE LAWS OF 1897.*WALLABOUT IMPROVEMENT.*

Under contract with Augustin Walsh for preparing for and building a bulkhead-wall and appurtenances along the east side of the Wallabout basin. Work was begun on January 8, is 90 per cent. finished, and is in progress.

Under contract with the International Contracting Company for dredging in the Wallabout basin; 53,138 cubic yards of material removed. Work was begun January 3 and finished March 2, 1898.

Secretary's Order No. 17915.—The transfer of material and office furniture as applies to the Wallabout improvement from the Municipal building to Wallabout market; February 25, 1898.

Secretary's Order No. 18642.—Driving of fourteen (14) test piles for new piers, Nos. 1 and 2, Wallabout basin.

CONSTRUCTION UNDER CHAPTER 298, LAWS OF 1892.*PIER, NEW 43, N. R.**RECREATION STRUCTURE.*

January 4 to July 1, 1898.—Contract No. 622—R. H. Hood, preparing for and erecting a recreation structure on pier.

*PIER, WEST FIFTIETH STREET, N. R.**RECREATION STRUCTURE.*

September 9 to December 31, 1898.—Contract No. 621—Augustus Smith, preparing for and building a recreation structure on pier.

*PIER, WEST ONE HUNDRED AND TWENTY-NINTH STREET, N. R.**PASSENGER AND FREIGHT SHED.*

December 6 to 31, 1898.—Contract No. 625—Augustus Smith, erecting a passenger and freight shed on pier.

*PIER, EAST THIRD STREET, E. R.**RECREATION BUILDING.*

Unanimous Resolution of Board, November 11, 1897.

December 30, 1897, to March 7, 1898.—Under Contract No. 620—The East Third Street Recreation Building was inclosed, in conformity with the specifications as set forth in Contract No. 620, by R. H. Hood.

*PIER EAST TWENTY-FOURTH STREET, E. R.**RECREATION STRUCTURE.**Inclosing the Building.*

Unanimous Resolution of Board, October 21, 1897.

December 6, 1897, to February 17, 1898.—Under Contract No. 615—The East Twenty-fourth Street Recreation Building was inclosed by R. H. Hood, in accordance with the plans and specifications set forth in the contract.

Placing Refrigerators, Ice-boxes and Lunch Counters on Building.

Unanimous Resolution of Board, September 16, 1897.

December 24, 1897, to February 18, 1898.—Under Contract No. 609, Classes I. and II.—Refrigerators, ice-boxes and lunch counters were furnished and placed by Messrs. Ryan & Bowler, in accordance with the plans and specifications set forth in Contract No. 609.

Placing Picket Rail, Laurel Bands and Base Moulding.

December 3, 1897, to January 24, 1898.—Under Contract No. 609, Class III.—Picket rail, laurel bands and base moulding were furnished and placed by R. H. Hood, in conformity with the plans and specifications set forth in Contract No. 609.

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

Unanimous Resolution of Board, of August 12, 1897.

March 4 to October 3, 1898.—Under Contract No. 604—A recreation structure was built by Grace & Hyde on the pier at East One Hundred and Twelfth street, Harlem river, in conformity with the plans and specifications set forth in Contract No. 604.

RECREATION STRUCTURES.

The recreation structures on the North, East and Harlem rivers were all cared for and maintained.

*NORTH RIVER.**Pier, new 43, N. R.*

Secretary's Order No. 18263.—Wardrobe placed on recreation structure for musicians. August 26 to 27, 1898.

Secretary's Order No. 18285.—Alterations made to band stand. July 12 to 15, 1898.

EAST AND HARLEM RIVERS.

Under Engineer's Order.—The recreation structures are being watched and cared for; the water pipes, traps, etc. were pumped out as a protection against damage by frost, and the necessary repairs are being made to the buildings from time to time in accordance with this order. The work was begun November 19, 1898.

Secretary's Order No. 17764.—Requisition was made December 20, 1897, for beaded mouldings to be placed on the balustrade panels of the East Third Street Recreation Building, in accordance with recommendation of Consulting Architect. This work was done by R. H. Hood, to whom the order for same was forwarded. The work was begun January 5, 1898, and completed February 10, 1898.

Under Secretary's Order No. 17979.—The water-pipes, valves and connections of same on the pier and recreation structure, which were damaged by frost during the winter, were repaired. The work was begun March 26 and completed April 30, 1898.

Under Secretary's Order No. 18014.—The settees belonging to the East Third Street Recreation Building were repaired and painted; also by permitted application of the order, the wire railings about the band stands of the East Third and Twenty-fourth Street Recreation Buildings were painted. The work was begun April 7 and completed April 23, 1898.

Under Secretary's Order No. 18119.—Repairs were made to the recreation building, consisting of removal and storage of inclosure for winter resort; replacing awnings and fixtures; painting the lunch counters and band-stand fixtures; toilet rooms and lockers; also painting signs on entrance to toilet rooms, and repairing the water-pipes throughout the building. The work was begun May 17 and completed June 12, 1898.

Under Secretary's Order No. 18238.—Repairs were made to the awnings, water-pipes and toilet-room drainage system. The work was begun June 14, 1898, and completed July 7, 1898.

East Third Street Recreation Building.

Secretary's Order No. 18335.—Repairs were made from time to time in accordance with this order. Begun July 19 and completed November 22, 1898.

Secretary's Order No. 18521.—The glass inclosures were replaced on the recreation building; also two sashes were hinged for the purpose of ventilation. Work was begun October 6 and completed November 22, 1898.

East Twenty-fourth Street, Recreation Building.

Secretary's Order No. 17265.—Piles, pile-driver ways and other material of the Department, formerly stored on the outer end of the Pier at East Twenty-fourth street were removed to the outer end of East Twenty-fifth street pier. An old iron boat included in the material was broken up for junk, to be disposed of at the next auction sale. The work was begun May 26, 1897, and finished February 6, 1898.

Secretary's Order No. 18058.—A plank roadway approach of 4-inch by 10-inch timber was laid between the street paving, near the easterly end of Avenue A and the innermost end of the East Twenty-fourth street pier, a distance of about 210 linear feet. Work was begun April 26, and finished May 3, 1898.

Engineer's Order.—The recreation building was cleaned up and kept in order for the daily requirements of public use. The work was begun May 29 and finished June 13, 1898, when the work was taken up by the Dock Superintendent.

Secretary's Order No. 18118.—The necessary repairs were made to the recreation building in accordance with the resolution of the Board adopted at a meeting held May 14, 1898. The work consisted of removal of inclosure for winter resort and storing same, and general repairs to roof-gutters, leaders, water-mains, drinking fountains, toilet-rooms, etc. The work was begun May 17, and finished October 17, 1898.

Secretary's Order No. 18317.—A fence was built along the southerly side of the approach to East Twenty-fourth street pier in accordance with this order. The fence was also painted. Work begun July 16, and finished July 26, 1898.

Secretary's Order No. 18335.—Repairs were made from time to time on the above structure in accordance with this order. The work was begun July 19, and finished November 22, 1898.

Secretary's Order No. 18521.—The glass enclosure was replaced on the recreation building and two sashes hinged for the purpose of ventilation. Work was done in connection with similar work for the recreation building at East Third street, and was begun October 6 and finished November 22, 1898.

East One Hundred and Twelfth Street, Recreation Structure.

Secretary's Order No. 18453.—Lockers were made for the East One Hundred and Twelfth street Recreation building and incidental repairs are being attended to from time to time in accordance with this order. The work was begun September 28, 1898.

STATEMENT OF REPAIRS, OTHER THAN DREDGING, FOR THE YEAR ENDING DECEMBER 31, 1898, EXCLUSIVE OF REPAIRS DONE FOR OTHER DEPARTMENTS.*NORTH RIVER.**Battery Boat-landing.*

Secretary's Order No. 18080.—Cluster piles were driven and fastened, chocks put on, and deck of landing patched. Used 164 linear feet oak piles, 100 pounds chain and 2,233 feet, B. M., of yellow pine. Begun April 27 and finished May 5, 1898.

Secretary's Order No. 18329.—Repairs were made under this order. Commenced and finished July 18, 1898.

Breakwater, Near Pier "A," N. R.

Secretary's Order No. 18456.—The necessary repairs were made to breakwater where damaged by fire-boat "Robert A. Van Wyck." Begun September 27 and finished September 29, 1898.

Pier "A."

Engineer's Order.—Cement floor on deck of pier and in fire-proof room repaired. September 22 to 30, 1898.

Pier, new 1, N. R.

Secretary's Order No. 17349.—Inspection of repairing siding and roof of shed. Finished April 16, 1898.

Secretary's Order No. 18030.—The pier and shed were repaired and portions painted. Begun April 14 and finished August 22, 1898.

Secretary's Order No. 18190.—Repairs were made to the backing log on northerly inner end of pier. Commenced June 13 and finished June 15, 1898.

Secretary's Order No. 18206.—One oak pile was driven at south side pier. July 18, 1898.

Secretary's Order No. 18283.—Southerly outer corners repaired. Commenced July 5 and finished July 6, 1898.

Secretary's Order No. 18544.—Cluster piles redriven, braced and fastened with screw bolts and chain. Begun October 13 and finished October 21, 1898. Also, begun October 25 and finished October 28, 1898.

Treasurer's Order No. 19385.—Henry P. Drew, painting shed on pier. June 1 to July 18, 1898.

Secretary's Order No. 18334.—Fender piles on the north side were repaired. Commenced July 18 and finished July 19, 1898.

Secretary's Order No. 18546.—One cast-iron mooring-post was placed and properly secured on outer southerly corner of pier. Begun October 22 and finished October 24, 1898.

Pier, new 13, N. R.

Engineer's Order.—Sewer-cap made to facilitate work of cleaning silt basins. June 29, 1898.

Pier, old 42, N. R.

Secretary's Order No. 17025.—Repairs made to sheathing on pier. November 15, 1897, to February 13, 1898.

Secretary's Order No. 17991.—Repairs made to sheathing on pier. May 8 to June 1, 1898.

Secretary's Order No. 18524.—Repairs made to fenders on pier. October 18 to 21, 1898.

Secretary's Order No. 18650.—Repairs made to sheathing on deck pier. December 8, 1898; suspended.

Pier, new 43, N. R.

Engineer's Order.—A fence to close gap between ferry premises and recreation structure was erected. Begun July 15 and finished July 16, 1898.

Secretary's Order No. 18687.—Repairs were made to sheathing on the pier. Begun December 27, 1898, and in progress.

Pier, new 45.

Secretary's Order No. 17932.—Leak in water-pipe leading to pier repaired and pavement taken up and relaid. February 28 to March 5, 1898.

Piers, new 46 and 47.

Secretary's Order No. 18082.—Repairs made to sheathing on pier. May 2 to 4, 1898.

Engineer's Order.—Sheathing on deck pier repaired. April 23, 1898.

Secretary's Order No. 18209.—Piles on south side of approach were fastened. July 5, 1898.

Secretary's Order No. 18318.—Sheathing on approach repaired. July 18 to 23, 1898.

Secretary's Order No. 18652.—Sheathing on approach was repaired. December 9 to 13, 1898.

Perry Street.

Secretary's Order No. 18464.—Platform south of pier repaired. September 20, 1898.

Pier 56½, N. R.

Secretary's Order No. 17619.—Piles were driven and fastened and oak pieces placed on side of pier. Begun January 17 and finished February 5, 1898.

Pier, old 57.

Secretary's Order No. 17928.—Spring piles fastened and chocked. Begun and finished March 4, 1898.

Secretary's Order No. 18338.—Sheathing of pier repaired. Begun July 27 and finished July 28, 1898.

Bulkhead between Piers, old 57 and 58.

Secretary's Order No. 17862.—Repairs made to bulkhead. February 8, 1898.
Secretary's Order No. 18339.—Sheathing on bulkhead repaired. July 25 to 26, 1898.

Pier, old 58, N. R.

Secretary's Order No. 17807.—The sheathing on pier was patched with 1,005 feet, B. M., of 3-inch spruce. Begun January 21 and finished January 22, 1898.
Secretary's Order No. 17929.—Spring piles fastened and choked. March 4, 1898.
Secretary's Order No. 18436.—The sheathing on pier was patched with 2,207 feet, B. M., of 3-inch spruce. Begun September 13 and finished September 14, 1898.

Pier, old 58½.

Secretary's Order No. 17935.—Guard rail placed on south side of pier. March 4, 1898.

Pier, old 59.

Secretary's Order No. 17930.—Sheathing on pier repaired. March 7 to 8, 1898.

Pier at West Sixteenth Street.

Secretary's Order No. 18738.—Bulkhead and pavement in front pier repaired. December 23, 1898.

Pier at West Seventeenth Street.

Secretary's Order No. 18340.—Sheathing on pier repaired. July 23 to 27, 1898.
Secretary's Order No. 18578.—Spring piles and mooring piles were driven, fastened and choked. Vertical sheathing on sides of pier and sheathing on deck pier was repaired. Used 8,067 feet, B. M., of spruce and 1,000 feet, B. M., of yellow pine. Begun November 10 and finished November 26, 1898.

West Nineteenth Street.

Secretary's Order No. 17345.—Sheathing of pier repaired. Begun August 23, 1897, and finished January 19, 1898.
Secretary's Order No. 17931.—Fenders choked and fastened. Begun March 21 and finished March 24, 1898.

Pier at Nineteenth Street, N. R.

Secretary's Order No. 18111.—The deck and sheathing on pier was repaired. Used 21,457 feet, B. M., of yellow pine. Begun June 24 and finished August 15, 1898.

Pier at West Twentieth Street.

Secretary's Order No. 17927.—Fenders fastened and sheathing repaired. Begun March 29 and finished March 31, 1898.
Secretary's Order No. 18112.—The sheathing on pier was patched with 8,124 feet, B. M., of 3-inch yellow pine. Begun May 18 and finished July 20, 1898.
Secretary's Order No. 18692.—Sheathing on deck pier repaired. Begun December 15, 1898; in progress.

Pier, New 60, Thirtieth Street, N. R.

Secretary's Order No. 17508.—Sheathing under new dumping boards repaired. Begun September 13, 1897; suspended.

Secretary's Order No. 17861.—Spring piles were driven, chocks put on and sheathing patched. Used 4,843 feet, B. M., of 3 and 4 inch spruce. Begun April 25 and finished May 17, 1898.

Secretary's Order No. 18087.—Spring piles were driven, chocks put on and sheathing patched. Used 24,074 feet, B. M., of yellow pine. Begun May 3 and finished May 17, 1898.

Secretary's Order No. 18420.—Barrel sewer under pier repaired. Begun September 20 and finished October 7, 1898.

Secretary's Order No. 18503.—Sheathing on pier repaired. Begun October 8 and finished December 30, 1898.

West Thirty-ninth Street.

Secretary's Order No. 18383.—Fence built along bulkhead at foot of street. Begun August 8 and finished August 10, 1898.

Pier Foot of Forty-fourth Street, N. R.

Secretary's Order No. 18060.—The sheathing on pier was patched with 8,746 feet, B. M., of 4-inch yellow pine. Begun July 14 and finished July 24, 1898.

Pier at Forty-sixth Street, N. R.

Secretary's Order No. 17798.—The sheathing on pier was patched with 540 feet, B. M., of 3-inch spruce. Begun January 19 and finished January 21, 1898.

Pier at Forty-seventh Street, N. R.

Secretary's Order No. 18059.—The sheathing on pier was patched with 9,700 feet, B. M., of yellow pine. Begun May 31 and finished June 6, 1898.

Secretary's Order No. 18370.—The sheathing on pier was patched with 20,513 feet, B. M., of 3 and 4 inch spruce. Begun August 2 and finished August 31, 1898.

Secretary's Order No. 18574.—The sheathing on pier was patched with 20,106 feet, B. M., of 3-inch spruce and 4,155 feet, B. M., of 3-inch yellow pine. Begun November 14 and finished November 23, 1898.

Pier at Forty-eighth Street, N. R.

Secretary's Order No. 18504.—Approach to pier lowered to meet grade of Twelfth avenue and sheathing repaired. October 20 to November 12, 1898.

Pier at West Forty-ninth Street.

Secretary's Order No. 17587.—Approach to pier lowered to meet grade of Twelfth avenue and filling leveled to make roadway. March 7 to 14, 1898.

Pier at Fifty-first Street, N. R.

Secretary's Order No. 17747.—The sheathing on pier was patched, side cap and chocks repaired, used 2,026 feet, B. M., of 4-inch spruce and 632 feet, B. M., of yellow pine. Begun January 12 and finished January 19, 1898.

Secretary's Order No. 18560.—The sheathing on pier was patched with 10,793 feet, B. M., of 3-inch yellow pine. Begun November 1 and finished November 7, 1898.

Pier at Fifty-second Street, N. R.

Secretary's Order No. 17540.—The sheathing on pier was patched with 9,279 feet, B. M., of 3-inch spruce. Finished January 11, 1898.

Secretary's Order No. 18194.—Spring piles on outer end of pier were fastened, patched sheathing with 24,085 feet 3-inch spruce. Begun June 10 and finished September 12, 1898.

Pier at Fifty-fifth Street, N. R.

Secretary's Order No. 18562.—Chocks were refastened and sheathing on pier patched; used 10,420 feet, B. M., of yellow pine. Begun October 31 and finished November 12, 1898.

Pier at Fifty-sixth Street, N. R.

Secretary's Order No. 18195.—The sheathing on pier was patched with 4,603 feet, B. M., of 3-inch yellow pine. Begun June 10 and finished June 22, 1898.

Secretary's Order No. 18496.—Sheathing on pier repaired. October 4 to December 28, 1898.

Pier at Fifty-seventh Street, N. R.

Secretary's Order No. 18441.—The sheathing on pier was patched with 10,650 feet, B. M., of 3-inch spruce and 2,012 feet, B. M., of yellow pine. Begun October 11 and finished October 17, 1898.

Pier foot of Seventy-ninth Street, N. R.

Secretary's Order No. 18337.—The backing-log was repaired, fender piles refastened and sheathing patched; used 5,107 feet, B. M., of yellow pine. Begun July 19 and finished July 30, 1898.

Bulkhead between Seventy-ninth and Eightieth Streets, N. R.

Secretary's Order No. 17812.—The backing-log on bulkhead was repaired, fenders refastened and cleats renewed; used 1,671 feet, B. M., of yellow pine. Begun January 20 and finished January 22, 1898.

Bulkhead foot of Ninety-sixth Street, N. R.

Secretary's Order No. 18391.—The bulkhead was repaired, timbers relaid and decks planked, used 1,312 feet, B. M., of 4-inch yellow pine. Begun August 22 and finished August 26, 1898.

Bulkhead between Ninety-seventh and Ninety-eighth Street, N. R.

Secretary's Order No. 18125.—An old shanty on bulkhead was removed by Department force. Begun and finished May 18, 1898.

Bulkhead foot of Ninety-ninth Street, N. R.

Secretary's Order No. 18196.—The cribwork of bulkhead was repaired with second-hand material. Begun June 14 and finished June 15, 1898.

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

Secretary's Order No. 18484.—The approach to pier was graded and pavement laid. Begun October 17 and finished November 4, 1898.

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

Secretary's Order No. 17957.—8 iron cleats were placed on pier, four on each side. Begun March 14 and finished March 17, 1898.

Secretary's Order No. 18561.—Chocks on the inner end of the pier were replaced and the necessary pavement taken up and relaid. Begun November 5 and finished November 17, 1898.

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

Secretary's Order No. 17604.—The backing-log, chocks and fenders were repaired, and sheathing patched at different periods through the year; in progress.

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

Secretary's Order No. 18281.—The sheathing on pier was patched with 8,125 feet, B. M., of yellow pine. Begun June 30 and finished July 14, 1898.

Foot of One Hundred and Fifty-fifth Street, N. R.

Secretary's Order No. 18131.—The old bath-houses, floats, etc., were removed. Begun May 21 and finished May 31, 1898.

Crib Pier, foot of One Hundred and Fifty-eighth Street, N. R.

Secretary's Order No. 18434.—The sea-wall thereat was built up and repaired. Begun July 1 and finished July 9, 1898.

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

Secretary's Order No. 18547.—Dirt and rubbish were removed from backing-log and graded. Begun October 24 and finished October 26, 1898.

REPAIRING PERMANENT PAVEMENT.

Pier "A" and West Eleventh Street.

Secretary's Order No. 17532.—Granite pavement was taken up and relaid where necessary. September 18, 1897, to February 2, 1898.

Secretary's Order No. 17883.—Granite pavement was taken up and relaid where necessary. February 20 to September 9, 1898.

Secretary's Order No. 18455.—Granite pavement was taken up and relaid to grade where necessary. September 10 to 30, 1898.

Secretary's Order No. 18512.—Granite pavement was taken up and relaid to grade where necessary. October 1 to November 2, 1898.

Secretary's Order No. 18591.—Granite pavement was taken up and relaid to grade where necessary. November 3 to December 31, 1898.

Pier, new 1.

Secretary's Order No. 17887.—Granite pavement in front of pier was taken up and relaid to grade. March 25 to 30, 1898.

Piers, new 34 and 35.

Secretary's Orders No. 18293.—Granite pavement in front of piers was taken up and relaid to grade. August 8, 1898; in progress.

Piers, new 41 and 42.

Secretary's Order No. 18522.—Temporary pavement was laid between piers. September 16 to December 7, 1898.

Piers, new 53 and 54.

Secretary's Order No. 18547.—Granite pavement in front of piers was taken up and relaid to grade. November 25, 1898.

Bulkhead between Fifty-first and Fifty-second Streets, N. R.

Secretary's Order No. 17968.—The pavement on bulkhead was graded and repaired. Begun March 19 and finished March 23, 1898.

West Fifty-second Street.

Secretary's Order No. 17794.—Granite pavement at foot of street was taken up and relaid to grade. October 15 to 24, 1898.

Pier at Fifty-fifth Street, N. R.

Secretary's Order No. 17811.—The pavement at entrance to pier was properly graded and repaired. Begun January 18 and finished January 21, 1898.

REPAIRING TEMPORARY PAVEMENT.

Pier, old 57.

Secretary's Order No. 17553.—Pavement in front of pier was taken up and relaid to grade. February 26, 1898.

Secretary's Order No. 18184.—Pavement in front of pier was taken up and relaid to grade. June 7, 1898.

Piers, old 58 and 58½.

Secretary's Order No. 18085.—Pavement between piers was taken up and relaid to grade. June 7, 1898.

Pier, old 59.

Secretary's Order No. 18086.—Pavement in front of pier was taken up and relaid to grade. June 10, 1898.

Little West Twelfth Street.

Secretary's Order No. 17863.—Pavement at foot of street was taken up and relaid to grade. February 16 to 17, 1898.

West Eleventh to Fifty-seventh Street.

Secretary's Order No. 18612.—Pavement was taken up and relaid to grade where necessary. November 22, 1898; suspended.

Piers, new 57, 58, 59 and 60.

Engineer's Order.—Pavement in front of piers was taken up and relaid to grade. April 7 to October 17, 1898.

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

Secretary's Order No. 17963.—The pavement at entrance to pier was raised to proper grade and relaid. Begun March 23 and finished March 31, 1898.

Secretary's Order No. 18561.—Repairs were made to the pavement in rear of pier and bulkhead. Begun November 5 and finished November 18, 1898.

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

Secretary's Order No. 18618.—Pavement taken up and relaid at the entrance to pier. Begun December 7 and finished December 15, 1898.

EAST RIVER.

Between Piers, new and old 6, E. R.

Secretary's Order No. 17684.—The necessary repairs were made to the bulkhead. The work consisted of placing about 4 longitudinal ties of new top-facing timber; also the replacing of the old half-round fenders, and repairs to the pavement adjacent to rear of the wall. Work was begun November 23 and finished March 8, 1898.

Pier, new 6, E. R.

Secretary's Order No. 17942.—The sheathing on pier was patched, chocks placed between fenders; used 12,591 feet, B. M., of 3-inch and 4-inch spruce and yellow pine. Begun March 6 and finished April 27, 1898.

Secretary's Order No. 18151.—Repairs were made to the deck sheathing on the pier. The work was begun August 25 and finished September 20, 1898.

Secretary's Order No. 18422.—Repairs are being made from time to time to the hydrants on the pier. This work was begun August 26, 1898.

Bulkhead between Piers, new 6 and 7, E. R.

Secretary's Order No. 18390.—Four of upper courses of timber were renewed, fender-piles driven and fastened; small repairs were made to pavement; used 3,762 feet, B. M., of yellow pine. Begun October 8 and finished October 14, 1898.

Bulkhead between Pier, 11 and 12, E. R.

Secretary's Order No. 18079.—Fender-piles were driven, mooring-posts set and backing-log repaired. Begun May 7 and finished June 28, 1898.

Pier 12, E. R.

Secretary's Order No. 17699.—Repairs were made to the westerly half of the pier, consisting of replacing 7 new side-bearing piles and several half-round fenders; also repairs to the deck sheathing. Work was begun December 20, 1897, and finished March 8, 1898.

Secretary's Order No. 18304.—Two half-round oak fenders were put on and fastened. Begun July 22 and finished July 25, 1898.

Pier 18, E. R.

Secretary's Order No. 18296.—The necessary repairs are being made to the shed on Pier 18, East river, in accordance with this order. The work was begun November 9, 1898.

Secretary's Order No. 17858.—Repairs were made to the pier from time to time as required to keep it in a safe condition until further action by the Board. The work was begun February 4, 1898, and finished October 20, 1898.

Secretary's Order No. 18517.—The necessary repairs were made to the easterly half of the pier in conjunction with repairs to the westerly half by the owners thereof. The work consisted of jacking up the caps and rangers; shimming and benching over cribs and piles; the placing of several side-bearing piles; driving piles and rebuilding the crib-bulkhead and paving over same; repairs to the backing-log, decking, deck sheathing; refastening the corner fender-piles and repairs to the half-round fenders. Work was begun October 20, 1898, and finished November 22, 1898.

Pier 19, E. R.

Secretary's Order No. 17820.—A fence was built to close up Pier 19, East river, in accordance with this order. Work was begun January 18 and finished January 20, 1898.

Pier 28, E. R.

Engineer's Order.—The outshore end of the pier having settled, an examination was made as to the extent of the damage, and a temporary fence was placed to serve as protection against accidents. The work was begun and finished March 25, 1898.

Pier, old 29, E. R.

Engineer's Order.—The corner fender piles on the pier which had become loosened were refastened. This work was begun and finished on March 31, 1898.

Pier, new 29, E. R.

Secretary's Order No. 17993.—Pavement at entrance to pier was repaired and sheathing on pier patched with 1,529 feet, B. M., of 3-inch spruce. Begun April 3 and finished April 8, 1898.

Engineer's Order.—Repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun and finished September 14, 1898.

Secretary's Order No. 18485.—Repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun October 13 and finished October 18, 1898.

Pier, new 32, E. R.

Secretary's Order No. 18026.—The sheathing on pier was patched with 7,515 feet, B. M., of 3-inch spruce. Begun April 11 and finished April 14, 1898.

Pier, new 32, E. R.

Secretary's Order No. 18520.—Piles were driven and fastened, chocks renewed and sheathing on pier patched; used 1 oak pile and 4,450 feet, B. M., of yellow pine. Begun October 21 and finished November 5, 1898.

Pier, old 35, E. R.

Secretary's Order No. 16578.—The fence at Pier, old 35, is being kept in repair in accordance with this order. The work was begun January 3, 1897, and is in progress.

Pier 43, E. R.

Secretary's Order No. 18425.—Repairs were made to the deck sheathing, backing-log and vertical and horizontal chocks on the pier. The work was begun August 29 and finished September 9, 1898.

Pier 44, E. R.

Secretary's Order No. 17909.—General repairs are being made to Pier 44, East river, in accordance with resolution of Board prescribing said work to be done by day's work of Department force. The work was begun September 15, 1898.

Secretary's Order No. 18202.—Repairs were made to the decking and deck sheathing on the pier. The work was begun June 23 and completed June 25, 1898, in accordance with this order, which stated that repairs be kept up until such a time as the pier is vacated by the Street Cleaning Department. Begun June 23 and finished September 15, 1898.

Pier 48, E. R.

Secretary's Order No. 17897.—Repairs were made to the sheathing on the pier in accordance with this order. Work was begun and completed March 14, 1898. Extensive repairs were made under this order in accordance with resolution of the Board of February 15, 1898. Repairs consisting of repairing vertical piling, side-cap, cross-cap and rangers, and replacing the decking, deck-sheathing, backing-log, mooring posts, cleats, fenders, etc. The work was begun March 14 and finished September 19, 1898.

Secretary's Order No. 18737.—The necessary repairs were made to the water supply pipe leading to the hydrant on Pier 48, East river. The work was begun December 16 and finished December 28, 1898.

South Street, near Jackson Street, E. R.

Engineer's Order.—The fence on South street was extended to cover the dangerous holes adjacent to the bulkhead in the vicinity of Jackson street, East river, in accordance with this order. The work was begun July 8 and finished July 11, 1898.

Pier at Jackson Street, E. R.

Engineer's Order.—An iron band about the piles which had become loosened was temporarily repaired in accordance with this order on September 21, 1898.

Bulkhead foot of Corlears Street.

Engineer's Order.—Temporary repairs were made to the bulkhead in accordance with this order. The work was begun and finished November 21, 1898.

Pier 55, foot of Grand Street, E. R.

Secretary's Order No. 17874.—The planking on gangway was repaired. Begun and finished February 5, 1898.

Engineer's Order.—A cleat on boat-landing was refastened with screw bolts. Begun June 11 and finished June 13, 1898.

Pier 61, E. R.

Secretary's Order No. 18315.—Backing-log and chocks were renewed and sheathing on pier patched. Used 1,449 feet, B. M., of yellow pine and 544 feet, B. M., of spruce. Begun July 26 and finished August 18, 1898.

Pier 62, Stanton Street, E. R.

Secretary's Order No. 17775.—The sheathing on approach on Pier was patched with 5,967 feet, B. M., 4-inch spruce. Begun January 14 and finished January 17, 1898.

Secretary's Order No. 18359.—The necessary repairs were made to the deck sheathing on Pier 62, East river, in accordance with this order. The work was begun August 10 and finished August 17, 1898.

Secretary's Order No. 18515.—Five damaged fender piles adjacent to the northerly end of the Stanton Street Section (Pier 62, East river) were replaced with new ones in accordance with this order. The work was begun October 10 and finished October 13, 1898.

Pier foot of Third Street, E. R.

Secretary's Order No. 17955.—Two horizontal chocks were refastened; one vertical chock replaced, and the chocking around one of the corner fender piles was refastened. The work was begun March 14 and finished March 16, 1898.

Secretary's Order No. 18066.—Repairs were made to the pier in accordance with this order. The work consisted of repairs to the deck sheathing, refastening two corner fender piles, placing three new horizontal fender chocks and refastening five others. The work was begun May 3 and finished May 7, 1898.

Pier at East Fifth Street, E. R.

Secretary's Order No. 18357.—The necessary repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun September 19 and finished September 20, 1898.

Pier foot of Eleventh Street, E. R.

Secretary's Order No. 18701.—The northerly half of the pier at East Eleventh street was taken possession of by this Department, and repairs are being made to it in accordance with this order. The work was begun on December 15, 1898.

Foot of Sixteenth Street, E. R.

Secretary's Order No. 18535.—Repairs were made to the bulkhead filling at foot of the street. The work consisted of refilling a cave-in about 15 feet in rear of the bulkhead, and replacing concrete beneath the paving. The work was begun October 31 and finished November 1, 1898.

Pier at East Twenty-fourth Street.

Secretary's Order No. 17544.—The necessary repairs were made to the deck sheathing and scupper holes on deck of pier. The work was begun September 23 and finished January 22, 1898.

Secretary's Order No. 18298.—The necessary repairs were made to the deck sheathing on the pier. The work was begun July 20 and finished July 30, 1898.

Secretary's Order No. 18550.—The necessary repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun and finished November 19, 1898.

Engineer's Order.—Repairs were made to the gate at the approach to the pier in accordance with this order. The work was begun December 17 and finished December 19, 1898.

Pier at East Twenty-sixth Street.

Secretary's Order No. 18020.—A place was prepared on the northerly side of the pier as a landing for the New York Yacht Club. The work consisted of taking up, redriving, fastening and chocking four piles; also, placing and fastening additional second-hand piles; building a small platform and erecting davits, said work having been done by the Foreman of Repair Gang, and was begun March 31 and finished April 5, 1898.

Secretary's Order No. 18548.—Repairs were made to the deck sheathing on the pier. The work was begun November 17 and finished November 18, 1898.

Pier foot of East Twenty-eighth Street.

Secretary's Order No. 18494.—Repairs were made to the sheathing on the pier. The work was begun and finished November 16, 1898.

Secretary's Order No. 18671.—The necessary repairs were made to the oak fender piles at the pier foot of Twenty-eighth street. The work consisted of replacing with new four corner oak piles at southeast corner. The work was begun December 15 and finished December 31, 1898.

Engineer's Order.—Drips were placed in water pipes on the pier to protect them from damage by frost. The work was begun and finished November 26, 1898.

Pier at East Twenty-ninth Street.

Secretary's Order No. 17834.—The sheathing on approach was repaired and chocks renewed. Used 258 feet, B. M., of yellow pine and 5,156 feet, B. M., 3-inch spruce. Begun February 17 and finished February 25, 1898.

Secretary's Order No. 18201.—Repairs were made to the pier. They consisted of replacing of two corner fender piles and several chocks; also slight repairs to the deck sheathing. The work was begun June 8 and finished June 9, 1898.

Secretary's Order No. 18493.—The necessary repairs were made to the deck sheathing in accordance with this order. The work was begun November 17 and finished December 6, 1898.

Pier East Thirty-first Street.

Secretary's Order No. 17854.—General and extensive repairs were made to the pier and crib-bulkhead at East Thirty-first in accordance with this order. The work was begun February 5, 1898, and finished June 15, 1898.

Secretary's Order No. 18330.—A damaged oak fender pile on the northeast corner of the Pier at East Thirty-first street was replaced by a new one. The work was begun September 14 and finished September 15, 1898.

Pier at East Thirty-second Street.

Secretary's Order No. 18135.—Extensive repairs were made to pier. Spring piles, chocks, mooring piles, backing-log and sheathing were renewed. Used 15,037 feet, B. M., yellow pine. Begun May 21 and finished June 21, 1898.

Pier at East Thirty-third Street.

Secretary's Order No. 17879.—The sheathing on pier was patched with 4,027 feet, B. M., of 4-inch spruce. Begun March 1 and finished March 3, 1898.

Pier Foot of East Thirty-fifth Street.

Secretary's Order No. 17832.—Repairs were made to the pier. The work consisted of replacing the damaged portion of the deck sheathing and a fender chock. The work was begun February 14 and finished February 16, 1898.

Pier foot of East Thirty-eighth Street.

Secretary's Order No. 18388.—Repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun August 2 and finished August 3, 1898.

Bulkhead at East Forty-second Street.

Secretary's Order No. 17889.—Chocks and mooring post renewed and backing-log repaired. Begun February 26 and finished March 1, 1898.

Bulkhead foot East Forty-seventh Street.

Secretary's Order No. 18401.—The bulkhead was rebuilt and extended. Used 22,057 feet, B. M., of yellow pine and 13,526 feet, B. M., of 4 inch spruce. Begun August 22 and finished October 7, 1898.

Foot of Fifty-first Street, E. R.

Engineer's Order.—The approach to the public bath at the foot of Fifty-first street was repaired, in accordance with this order. The work was begun July 20 and finished July 21, 1898.

Bulkhead foot Fifty-fourth Street, E. R.

Engineer's Order No. 18069.—The deck of bulkhead was planked and repaired; used 5,339 feet, B. M., of yellow pine. Begun July 1 and finished July 9, 1898.

Pier foot of Sixtieth Street, E. R.

Engineer's Order No. 17756.—The sheathing on pier was patched with 240 feet, B. M., 3-inch spruce. Begun and finished January 6, 1898.

Secretary's Order No. 18406.—Repairs were made to the pier, in accordance with this order. The work consisted of refastening a horizontal chock, and was begun and finished August 26, 1898.

Secretary's Order No. 18442.—Fender piles were refastened and sheathing on pier patched with 6,003 feet, B. M., 3-inch spruce. Begun September 17 and finished September 21, 1898.

Bulkhead Platform between Sixtieth and Sixty-first Streets, E. R.

Secretary's Order No. 17760.—The sheathing on platform was patched with 815 feet, B. M., 3-inch spruce. Begun January 5 and finished January 8, 1898.

Secretary's Order No. 18472.—The sheathing on bulkhead was patched with 355 feet, B. M., 3-inch yellow pine. Begun and finished October 24, 1898.

Pier, foot Sixty-first Street, E. R.

Secretary's Order No. 17759.—The sheathing on pier was patched with 1,060 feet, B. M., 3-inch spruce. Begun January 4 and finished January 8, 1898.

Secretary's Order No. 18239.—Repairs were made to the deck sheathing, in accordance with this order. The work was begun June 22 and finished June 23, 1898.

Engineer's Order.—Spring piles on the southeast corner of the pier were refastened. Work begun and completed April 7, 1898.

Secretary's Order No. 18407.—Repairs were made to the pier, in accordance with this order. The work consisted of placing a horizontal and vertical chocks, and refastening the backing-log. The work was begun and finished August 26, 1898.

Secretary's Order No. 18470.—The sheathing on pier was patched with 2,715 feet, B. M., of 3-inch and 4-inch spruce. Begun September 30 and finished October 3, 1898.

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

Secretary's Order No. 17758.—The sheathing on platform was patched with 1,139 feet, B. M., of 3-inch spruce. Begun January 5 and finished January 8, 1898.

Secretary's Order No. 18240.—Repairs were made to the sheathing on the bulkhead platform. The work was begun and finished June 22, 1898.

Bulkhead between Sixty-first and Sixty-second Streets, E. R.

Secretary's Order No. 18471.—The sheathing on bulkhead was patched with 7,640 feet, B. M., of 3-inch yellow pine. Begun October 18 and finished October 24, 1898.

Pier foot Sixty-second Street, E. R.

Secretary's Order No. 17761.—Chocks and fenders were repaired and the sheathing on pier patched; used 159 feet, B. M., of yellow pine and 5,050 feet, B. M., of 3-inch spruce. Begun December 30, 1897, and finished January 8, 1898.

Secretary's Order No. 17792.—Old sunken broken piles were pulled and removed. Begun and finished January 5, 1898.

Secretary's Order No. 18241.—Repairs were made to the deck sheathing on the pier. The work was begun June 23 and finished June 24, 1898.

Pier at East Seventy-fifth Street, E. R.

Secretary's Order No. 18242.—The necessary repairs were made to the plank approach to the pier in accordance with this order. The work was begun July 7 and finished July 8, 1898.

Approach to Pier at Seventy-sixth Street, E. R.

Secretary's Order No. 17799.—The sheathing on approach was patched with 933 feet, B. M., of 3-inch spruce. Begun and finished January 11, 1898.

Foot of East Seventy-sixth Street.

Secretary's Order No. 18036.—Repairs were made to the approach and bulkhead-platform at the foot of Seventy-sixth street, East river; the work consisted of repairs to the plank roadway and deck sheathing on the platform to the extent of laying about 1,225 feet of 3-inch by 10-inch spruce, B. M., timber. The work was begun and finished April 16, 1898.

Pier at East Seventy-sixth Street, E. R.

Secretary's Order No. 18243.—The old plank roadway at the approach to the pier was taken up, and surface graded preparatory to the work of repairs, which consisted of resheathing the decking. The work was begun June 30 and finished July 7, 1898.

Pier foot of Seventy-ninth Street, E. R.

Secretary's Order No. 17757.—Mooring posts were chocked and sheathing on pier patched; used 1,350 feet, B. M., 3-inch spruce. Begun January 10 and finished January 11, 1898.

Secretary's Order No. 18237.—The necessary repairs were made to the platform at the foot of Seventy-ninth street, East river; the work consisted of repairs to the deck sheathing, and was begun August 18 and finished August 20, 1898.

Pier at East Eightieth Street, E. R.

Secretary's Order No. 18486.—The necessary repairs were made to the pier where damaged by scows belonging to the Street Cleaning Department; the work consisted of replacing two bearing piles, four fender piles and the necessary chocking. Work was begun October 18 and finished October 21, 1898.

Pier foot of Eighty-fifth Street.

Secretary's Order No. 18003.—Piles were rafted for the work of repairs under the supervision of Foreman of Repair Gang at East Eighty-sixth Street Pier. The work of rafting was begun and finished March 31, 1898.

Lower Pier at Eighty-sixth Street, E. R.

Secretary's Order No. 18003.—Bearing piles were driven and fastened in place; horizontal planking put on, also half-round oak fenders; used 4,184 feet, B. M., of yellow pine. Begun May 7 and finished May 21, 1898.

Ninety-first Street, E. R.

Secretary's Order No. 17801.—The sheathing on pier was patched with 1,506 feet, B. M., of 4-inch spruce. Begun January 26 and finished January 27, 1898.

Secretary's Order No. 18669.—Repairs are being made to the retaining piles at the bulkhead; also the necessary excavating is being done in order to make them secure, in accordance with this order. The work was begun December 19, 1898.

Foot of Ninety-third Street, E. R.

Secretary's Order No. 18282.—The premises at the bulkhead foot of Ninety-third street, East river, vacated by the Consolidated Ice Company, having been left in a dilapidated condition, the dangerous portion was fenced off as a precaution against accidents. The work was begun June 21 and finished June 22, 1898.

Pier foot of Ninety-fourth Street, E. R.

Secretary's Order No. 17913.—Spring piles and chocks were refastened, and sheathing on pier patched with 507 feet, B. M., of 4-inch spruce. Begun March 8 and finished March 11, 1898.

Secretary's Order No. 18598.—The sheathing on pier was patched with 6,295 feet, B. M., of 3-inch and 4-inch yellow pine. Begun November 25 and finished December 10, 1898.

Pier foot of Ninety-fifth Street, E. R.

Secretary's Order No. 17800.—The sheathing on pier was patched with 520 feet, B. M., of 3-inch spruce. Begun January 24 and finished January 25, 1898.

Secretary's Order No. 18599.—The sheathing on pier was patched with 8,513 feet, B. M., of 3-inch yellow pine. Begun November 25 and finished December 6, 1898.

Secretary's Order No. 18277.—Repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun July 18 and finished July 21, 1898.

Pier foot of Ninety-sixth Street, E. R.

Secretary's Order No. 18278.—The necessary repairs were made to the deck sheathing on the pier in accordance with this order. The work was begun July 14 and finished July 15, 1898.

Secretary's Order No. 18592.—The sheathing on pier was patched with 562 feet, B. M., of 3-inch yellow pine. Begun November 25 and finished December 12, 1898.

Engineer's Order.—Two vertical chocks on the northerly side and one horizontal chock on the southerly side of the pier were repaired and refastened in accordance with this order. The work was begun and finished March 22, 1898.

Pier foot of One Hundredth Street.

Secretary's Order No. 18577.—Repairs were made to the pier at the foot of above street in accordance with this order. The work consisted of resheathing nearly the entire decking with 4-inch planking; repairing a fender chock and slight repairs to the pavement adjacent to the approach to the pier. Work was begun November 30 and finished December 30, 1898.

Foot of One Hundred and Second Street, H. R.

Secretary's Order No. 18559.—Repairs were made to the pavement in rear of the bulkhead-wall, which had settled, owing to a sewer box being placed at this point, in accordance with this order. The work was begun October 31 and finished November 14, 1898.

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

Secretary's Order No. 18438.—The backing-log, fender piles and chocks were removed and deck sheathing on bulkhead repaired; used 4,943 feet, B. M., of yellow pine and 3,350 feet, B. M., of spruce. Begun October 15 and finished October 21, 1898.

Pier at East One Hundred and Tenth Street, H. R.

Secretary's Order No. 17988.—Repairs were made to the sheathing and decking on the pier in accordance with this order. The work was begun on March 29 and completed March 30, 1898.

Secretary's Order No. 18257.—Repairs were made to the southerly half of the pier, in accordance with this order. The work was begun July 22 and finished July 25, 1898.

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

Secretary's Order No. 17989.—Repairs were made to the decking and sheathing on the pier. The work was begun and finished March 29, 1898.

Secretary's Order No. 18252.—The necessary repairs were made to the deck sheathing on the pier. The work was begun July 27 and completed July 28, 1898.

Secretary's Order No. 18708.—Backing-log, fenders and chocks were repaired and sheathing patched; used 1,664 feet, B. M., of yellow pine and 1,036 feet, B. M., of 3-inch spruce. Begun December 28, 1898; in progress.

Foot of East One Hundred and Eighteenth Street.

Secretary's Order No. 18276.—The wharf property was repaired in accordance with a resolution of the Board of Aldermen; the work consisted of repairs to dry wall, and the placing of a 12-inch by 12-inch backing-log in front of the street. The work was begun July 16 and finished August 4, 1898.

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

Secretary's Order No. 18601.—The sheathing on bulkhead was patched with 1,850 feet, B. M., of 3-inch yellow pine. Begun December 12 and finished December 13, 1898.

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

Secretary's Order No. 18746.—Repairs are being made to the backing-log and string-piece on the outer end of the bulkhead-wall, in accordance with this order. The work was begun December 31, 1898.

Bulkhead at One Hundred and Twenty-ninth Street and Second Avenue, H. R.

Secretary's Order No. 18680.—The coal-hoisting derrick belonging to Thomas Dunican was removed. Begun and finished December 5, 1898.

Secretary's Order No. 18691.—Mooring-post was set, chocks put on and sheathing on bulkhead patched; used 4,165 feet, B. M., of yellow pine. Begun December 14 and finished December 17, 1898.

Between East One Hundred and Thirty-ninth and One Hundred and Fortieth Streets, H. R.
Secretary's Order No. 17985.—The property owned by the city at this location was properly graded and fenced off, in accordance with this order. The work was begun May 9 and finished June 23, 1898.

Piers on the East River.

Secretary's Order No. 17582.—The hydrants for supplying water to shipping on piers located on the East river were repaired from time to time, in accordance with this order. The work was begun October 18, 1897, and finished April 10, 1898.

BOROUGH OF BROOKLYN.

Pier No. 1, Wallabout Basin, Brooklyn.

Secretary's Order No. 17900.—The sheathing on pier was patched with second-hand plank. Begun February 23 and finished February 24, 1898.

Secretary's Order No. 18230.—Repairs were made to the pier in accordance with this order. The work was begun June 30 and finished July 7, 1898.

Noble Street, Brooklyn.

Engineer's Order.—A spring pile at the foot of the street was refastened in accordance with this order. The work was begun and finished July 28, 1898.

Pier at South Fifth Street, Brooklyn.

Secretary's Order No. 18466.—Repairs were made to the sheathing on the deck of pier in accordance with this order. The work was begun September 24, and finished September 26, 1898.

REPAIRING PAVEMENT, E. R.

Pier No. 29, E. R.

Engineer's Order.—Repairs were made to the pavement at approach to the pier in accordance with this order. The work was begun and finished December 10, 1898.

Pier No. 48, E. R.

Secretary's Order No. 18689.—The necessary repairs were made to the pavement at approach to the pier, which was damaged by the washing out of the filling. The work was begun and finished December 6, 1898.

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

Secretary's Order No. 18189.—Repairs were made to the pavement leading to the approach to pier. The work consisted of repairing about two square yards of paving which had settled. The work was begun and finished June 8, 1898.

Lower Pier at Eighty-sixth Street, E. R.

Secretary's Order No. 17914.—The pavement at entrance to pier was repaired. Begun March 17 and finished May 21, 1898.

Foot of East One Hundred and First Street, H. R.

Secretary's Order No. 18670.—The temporary pavement at the foot of the street is being repaired in accordance with this order. The work was begun December 19, 1898.

Bulkhead between East One Hundred and First and One Hundred and Fourth Streets.

Secretary's Order No. 18439.—The necessary repairs were made to the pavement at the bulkhead between the above streets, in accordance with this order. The work was begun and finished October 4, 1898.

Foot of East One Hundred and Twelfth Street.

Secretary's Order No. 18396.—The grade of the pavement was made to conform with that of the pier in accordance with this order. The work consisted of placing a wooden ramp from the pavement to the pier. Begun August 20, and finished August 23, 1898.

Bulkhead foot of East One Hundred and Thirty-eighth Street.

Secretary's Order No. 18040.—The pavement on bulkhead was graded and repaired. Begun June 14, and finished June 17, 1898.

Bulkhead foot of East One Hundred and Thirty-ninth Street.

Secretary's Order No. 18042.—The pavement on bulkhead was graded and repaired and loose chocks refastened. Begun June 12, and finished August 29, 1898.

Bulkhead between East One Hundred and Thirty-ninth and One Hundred and Fortieth Streets.

Secretary's Order No. 18041.—The pavement on bulkhead was graded and repaired. Begun June 1, and finished June 14, 1898.

FLOATING PROPERTY.

The floating property of the Department consists of the following:

	BUILT.	LENGTH.	BREADTH.	DEPTH.	DRAUGHT.
		Ft. In.	Ft. In.	Ft. In.	Ft. In.
100-ton Derrick.....	1871-72	70	65	12 10½	10.30
12-ton Derrick No. 1.....	1890	70	30	7 6	5
" No. 2.....	1891	70	30	7 6	5
" No. 3.....	1892	70	30	7 6	5
10-ton Derrick.....	1874	40 6	35.25	7	3 2
Tug "Pier".....	1891	98	19 5		9 10
Pile-driver No. 1.....	1871	41 2	19 4	4 6	2 5
" No. 4.....	1890	45	22	5	2 5
" No. 5.....	1891-92	46	23	5 6	2 10
" No. 6.....	1891-92	42 7	20 6	4 8	2 6
" No. 7.....	1874	42 8	20 5	4	2 2
" No. 8.....	1874	42 7	20 5	4	2 2
" No. 9.....	1888	45	22	5	2 1
" No. 10.....	1881	50 4	26	5 7½	3 7½
" No. 11.....	1881	50 4	26	5 7½	3 7½
" No. 12.....	1890	45	22	5	2 9
" No. 13.....	1892	46	23	5 6	2 10
" No. 14.....	1893	46	23	5 6	2 10
" No. 15.....	1893	45	22	5	2 7
" No. 16.....	1893	45	22	5	2 7
Deck Scow "B".....	1875	71	30	7	5 6
" "C".....	1875	70	30	7	5 6
" "D".....	1875	70	30	7	5 6
" "F".....	1874	34 4	16 3	4 5	3 5
" "H".....	1887	70	30	7 6	6
" "I".....	1887-88	70	30	7 6	6
" "K".....	1888	70	30	7 6	6
" "L".....	1889	70	30	7 6	6
" "M".....	1892	70	30	7 6	6
" "N".....	1891	70	30	7 6	6
" "O".....	1891	70	30	7 6	6
" "P".....	1893	70	30	7 6	6
" "R".....	1891	42 4	20 6	3 8	2 6
" "S".....	1892	50 4	26	5 7	1 11
" "U".....	1894	70	30	7 6	6
Divers' Scow "A".....	1888	34	17	3 6	18½
" "G".....	1883	34	17	3	14
" "N".....	1889	34	17	3 6	15
" "S".....	1891	34	17	3 6	15
" "T".....	1894	34	17	3 6	1
Borer "Woodcock".....	1870	28 2	14 5	3 4	2
Naphtha Launch No. 1.....	1888	21	5	2 3	22
" No. 2.....	1893	25	6	2 5	1 10
Alco Vapor Launch.....	1898	30 9	6 6	4	26

28 yawl boats, 1 bateau, 1 rowboat and 7 sounding boats; 3 skiffs; 2 sets of landways, one 30 feet and one 45 feet high; 1 set of inclined 50-foot pile-driver ways; 1 land boring machine; 1 scow used as boat landing at Pier "A," North river.

Repairs have been made during the year to hulls, machinery, houses, rigging, decks, fenders and equipment in general, by the force of the Department, and all floating property kept in good order and condition. Two pile-drivers, Nos. 2 and 3, were condemned and destroyed.

Twelve-ton derrick No. 1, is being converted into a 40-ton derrick under unanimous resolution of the Board, November 11, 1898.

The floating plant of the Department has been increased by the purchase of one Alco Vapor Launch, and plans and specifications are being prepared for the construction of a new steel propeller.

DEPARTMENT YARDS.

WEST FIFTY-SEVENTH STREET YARD, N. R.

IMPROVEMENTS AT YARD.

Improvements have been made at the yard by placing drains and laying about 1,510 square yards of pavement under Secretary's Order No. 18519.

WORK DONE AT YARD.

Machine Shop.—Made and repaired tools, put up small closets, cleaned and repaired machinery, cut and threaded bolts, and made nipples.

Engine Room.—Put new grate bars in boiler, cleaned, repaired and attended boiler, engine, machinery, etc. Repaired saw-shaft, steam pipes, and sawed timber for use of the North river and East river Sections, general repairs, floating property and West Fifty-seventh Street Yard, put up work benches for use of carpenters in engine room; September 14, 1898, the Police Department tested boiler No. 5952 in engine room.

Granite Yard.—Repaired and cleaned boiler and engine in granite yard, and also derrick; cleaned up rubbish in yard; February 1, 1898, the Police Department tested boiler No. 4815 in yard.

Testing Room.—Cleaned and repaired testing machine and outfit. Tested iron rope, etc., used in the Department work.

Coal Pockets.—Removed old engine used for hoisting coal, and fitted up boiler, engine-house, etc. Cleaned and repaired a coal hoisting boiler and engine.

Hoisted and weighed coal furnished as follows:

Contract No. 618.....	479 ¹⁸⁸ ₂₃₄₀
Contract No. 628.....	695 ¹⁸⁷ ₂₃₄₀
Contract No. 634.....	731 ¹⁸⁸ ₂₃₄₀
Treasurer's Order No. 19590.....	201 ¹⁸⁸ ₂₃₄₀
Total.....	2106 ¹⁰¹ ₂₃₄₀

October 6, 1898.—The Police Department tested boiler No. 4003 used for hoisting coal. This boiler and engine was formerly on Pile-driver No. 3.

Sand and Stone Bins.—Repaired and cleaned engine, repaired rigging, and made and fitted up new boom for hoisting broken stone, sand, etc., in bins.

Blacksmith Shop.—Made and repaired ironwork, sharpened and made tools, and did other miscellaneous work for use on the North river and East river Sections, timber basin, West Fifty-seventh Street Yard, general repairs, Dock Masters' offices, surveying party, and floating property. Made coal-box and repaired steam pipes, etc., for steam hammer in shop.

Concrete Mixing Platform.—Made and painted engine-house, repaired and cleaned engine, pump, concrete mixer, etc. Repaired car-wheels used on platform.

Storehouse.—Laid new floor, put in new floor-beams, and fitted up shelves, racks, doors, closets, windows, steam pipes, radiators, etc., in store-room, for use of floating property; also, moved store and supplies from old storehouse on West Fifty-seventh street Pier to said storehouse.

Painted office and made desk for use in store-room.

Made tide-gauge staffs, stakes, tools, boat-hooks, chisels, sounding-discs, ironwork, sounding-rods, etc., and repaired automatic tide-gauges for surveying party.

Made pike-poles, ironwork, pushers and pullers, tools, sweeps, rods and cant-hooks, stocks, and did a lot of miscellaneous work for Gansevoort Section.

Made set of pigeon-holes for use of Surveyors at Chambers street office.

Made wooden bracket for repairs to Pier, new 1, North river.

Cleaned and fitted up an office with stove, desk, chairs, etc., for use at Riker's Island on January 24, 1898.

Made pigeon holes, measuring rods, pike-poles, ironwork, etc., for use at West Seventy-fifth Street Basin.

Repaired gangway and float boat landing at yard, repaired steam and water pipes, and boxed in water and steam pipes on West Fifty-seventh Street Pier.

Cut and threaded bolts, drilled ironwork, etc., for use on repairs to building on Pier, new 1, North river, and for concrete block moulds at yard.

Turned roller for Murray Street Section.

Repaired diver's pump.

Cut and threaded bolts for use of the Department work.

Made and painted tool boxes, for use of sweepers on water front.

Made templates for sewer at West One Hundred and Twenty-ninth street.

Repaired and painted Dock Master's office, removed from East Thirty-first street.

Lettered all the pile-drivers with the words, Department of Docks and Ferries.

Cleaned and attended to all pile-drivers, derricks, scows, etc., laid up at yard.

Painted interior of Dock Master's office removed from Bloomfield street.

Made frame for sign-boards for Dock Master's office at East Twenty-fourth street yard.

Fitted up steam grind stone and house around same at yard.

Refitted mooring posts for Pier, new 1, North river.

Made and repaired patterns for use of floating property.

Repaired pattern for silt basin.

Drilled sewer plates, and repaired and fitted up rock drilling outfit.

The Department's force was engaged from September 30 to December 31, 1898, stripping and setting up moulds and cores and making concrete; 105 concrete "R" blocks, numbered from 49 to 153, containing 3,552.16 cubic yards were made, 3,636 cubic yards sand under Treasurer's Orders Nos. 19178, 19271, 19467 and 19685, and 8,269 cubic yards broken stone, under Treasurer's Orders Nos. 19183, 19274 and 19467 was received and stored in bins; 8,157 1/4 barrels Portland cement, under Treasurer's Orders Nos. 19229, 19358, 19509, 19533, 19,577, 19616 and 19690 was received, weighed and stored, and samples tested and recorded and reported; weighing, counting and storing wrought spike, oak treenails, gunny bags, etc., etc.; loading concrete material, consisting of sand, broken stone and cement and concrete "R" blocks on scows for Gansevoort Section, Murray Street Section and Barclay Street Section, North river; placing new anchorage for stone derrick in granite yard; weighing old material for auction sale, cleaning out yards, shops and storehouses, etc.; placing new wheels under portable derrick for handling concrete; making new moulds and cores for "L" and "U" blocks on account of Watts Street Section, North river, resolution of Board July 26, 1898; and digging to grade, putting in silt basins and paving yards with Belgian blocks, account "Improvement to West Fifty-seventh Street Yard," North river, under Secretary's Order No. 18519.

Samples of 4,869 1/4 barrels of cement, received at East Twenty-fourth Street Yard, under Treasurer's Orders Nos. 19509, 19533, 19534, 19576, 19516 and 19590, were received and tested and the result recorded and reported. Samples from 3,500 barrels Germania cement, used in Wallabout improvements, was received and tested, and result reported and recorded.

Tests were made from the following sample barrels of cement and the results reported and recorded:

- "Alpha" Brand. Engineer's orders.
- "Victor" Brand. Engineer's orders.
- "Atlas" Brand. Engineer's orders.
- "Giant" Brand. Engineer's orders.
- "Toltec" Brand. Secretary's Order No. 17995.

TIMBER BASIN—SEVENTY-FIFTH STREET, N. R.

The Department's force was engaged from January 2 to December 31, 1898, receiving and inspecting yellow pine timber and piles under Contracts Nos. 596, 607 and 636 and Treasurer's Orders Nos. 19239, 19337, 19338, 19353, 19356 and 19458, and getting out timber for the following repairs to and construction work:

Pier at West Eleventh street, North river, Contract No. 594.

Pier at Gansevoort street, North river, Contract No. 603.

Pier at Bank street, North river, Contract No. 600.

Pier at Jane street, North river, Contract No. 606.

Pier at Bethune street, North river, Contract No. 608.

Pier at Fiftieth street, North river, Contract No. 627.

Pier, new 21, North river, Contract No. 624 C11.

Pier at Fourth street, East river, Contract No. 626.

Pier at One Hundred and Twenty-ninth street, North river, Contract No. 614.

Pier at Thirty-fourth street, North river, resolution of Board, February 11, 1898.

Pier, new 1, North river, resolution of Board, February 18, 1898.

Gansevoort Section, North river, resolution of Board, June 17, 1897.

Murray Street Section, North river, resolution of Board, October 25, 1897.

Pier at Bloomfield street, North river, resolution of Board, August 26, 1898.

Barclay Street Section Extended, North river, resolution of Board, December 30, 1897.

Pier at Twentieth street, East river, resolution of Board, February 11, 1898.

Watts Street Section, North river, resolution of Board, July 26, 1898.

Pier 56 1/2, North river, Secretary's Order No. 17619.

Pier at Thirty-first street, East river, Secretary's Order No. 17854.

Pier at One Hundred and Thirty-second street, North river, Secretary's Order No. 18027.

Pier, new 60, North river, Secretary's Order No. 17861.

Pier, old 42, North river, Secretary's Order No. 17991.

Pier at Eighty-sixth street, East river, Secretary's Order No. 18003.

Pier at Forty-seventh street, North river, Secretary's Order No. 18059.

Pier at Thirty-second street, East river, Secretary's Order No. 18135.

Pier at Wallabout, Brooklyn, Secretary's Order No. 18230.

Piling at One Hundred and Fifty-fifth street, North river, Secretary's Order No. 18153.

Sheathing at One Hundred and Fifty-fifth street, North river, Secretary's Order No. 18244.

Placing Public Baths in East and North rivers, Secretary's Order No. 18061.

Battery Boat Landing, Secretary's Order No. 18080.

Pier at One Hundred and Fifty-second street, North river, Secretary's Order No. 18281.

Pier at Forty-fourth street, North river, Secretary's Order No. 18060.

Pier at Twelfth street, East river, Secretary's Order No. 18304.

Pier at Seventy-ninth street, North river, Secretary's Order No. 18337.

Pier at Nineteenth street, North river, Secretary's Order No. 18111.

Pier at Forty-eighth street, East river, Secretary's Order No. 17897.

Pier at Forty-seventh street, East river, Secretary's Order No. 18401.

Pier at Blackwell's Island, Secretary's Order No. 18121.

Pier at One Hundredth street, East River, Secretary's Order No. 18577.

Pier at Forty-fourth street, East river, Secretary's Order No. 17909.

Pier at one Hundred and Thirty-second street, North river, Secretary's Order No. 18561.

Pier at Forty-eighth street, North river, Secretary's Order No. 18504.

Pier at Fifty-seventh street, North river, Secretary's Order No. 18441.

Pier at Sixth street, East river, Secretary's Order No. 18390.

Bulkhead between Sixty-first and Sixty-second streets, East river, Secretary's Order No. 18471.

Forty-ton derrick, account floating property.

Approach to Piers, new 46 and 47, North river, Secretary's Order No. 18652.

Improvement to West Fifty-seventh street yard, North river, Secretary's Order No. 18519.

Pavement between Seventy-seventh and Seventy-ninth streets, North river, Treasurer's

Order No. 19401.

Pavement at One Hundred and Thirty-second street, North river, Treasurer's Order

No. 19405.

Pavement at One Hundred and Thirty-fourth street, North river, Treasurer's Order

No. 19504.

Pavement between Seventy-eighth and Seventy-ninth streets, North river, Treasurer's Order

No. 19740.

Pavement between Seventy-seventh and Seventy-eighth streets, North river, Treasurer's

Order No. 19702, and also engaged in general care and maintenance of timber in basin.

Statement of the Transactions at the Timber Basin from the 1st of January, 1898, to and including December 31, 1898.

On hand December 31, 1897..... Feet. 2,144,494

Treasurer's Order No. 16681.....	237
" " No. 16964.....	1,016
Contract No. 367.....	5,593
" " No. 428.....	5,146
" " No. 448.....	18,990
" " No. 456.....	116,518
" " No. 466.....	302
" " No. 470.....	51,185
" " No. 496.....	24,162
" " No. 517.....	8,384
" " No. 564.....	49,086
" " No. 596.....	1,322,363
" " No. 607.....	541,512
	2,144,494

Received in 1898:

Contract No. 596.....	2,687,586
" " No. 607.....	1,973,743
" " No. 636.....	1,604,182
	6,265,511

8,410,005

Deliveries in 1898:

Gansevoort Street Pier.....	487,094
West Eleventh Street Pier.....	115,412
Bank Street Pier.....	1,578,685
Jane Street Pier.....	1,499,044
Bethune Street Pier.....	918,095
Pier 21, North river.....	180,982
Pier at Fiftieth street, North river.....	568,099
Pier at One Hundred and Twenty-ninth street, North river.....	327,202
Pier, new 1, North river.....	10,737
Recreation Pier, new 43, North river.....	84,747
General repairs.....	284,032
Floating property.....	57,315
West Fifty-seventh Street Yard.....	8,918
Pier 44, East river.....	60,040
West Thirty-fourth Street Pier.....	214,857
Secretary's Order No. 17854.....	10,966
Bloomfield street.....	115,946
West One Hundred and Thirty-second street.....	1,583
West Fifty-sixth Street Pier.....	2,010
East Thirty-first Street Pier.....	55,500
Gansevoort Section.....	69,830
Pier, new 20, North river.....	203,165
East Fourth street Pier.....	315,900
East One Hundredth Street Pier.....	24,966
Pier "A," North river.....	247
West One Hundred and Thirty-fifth street.....	3,500
East Twentieth Street Pier.....	65,210
Barclay street.....	12,500
Pier, old 42, North river.....	22,981
Secretary's Order No. 18561.....	2,041
Warren Street Section.....	2,160
West Forty-eighth Street Pier.....	10,022
Murray Street Section.....	28,169
	7,341,955

Contract No. 636—On hand December 31, 1898..... 1,068,050

EAST TWENTY-FOURTH STREET YARD, E. R.

WORK DONE AT YARD.

2,386 batches of concrete (proportion 1, 2, 5) were made and placed in moulds, and there were manufactured therefrom Standard "A" base blocks, numbering from 267 to 305 inclusive; and Special Blocks No. 1 and 2 (13 feet), one 11 feet 2 inches, and one 10 feet 10 inches. Moulds were stripped, repaired, sludged and set up for the above work; also new moulds were constructed. Standard "A" Blocks Nos. 267, 268, 269, 271, 273, 274 and 276 were lifted from the bulkhead platform by use of the 100-ton derrick, loaded on scows and towed to the Murray Street Section, North river. Nos. 272, 277, 278, 279, 280 and 283; also Special Blocks Nos. 1 and 2, 13 feet, and one 11 feet 2 inches, were loaded on scows by the above method, and transferred to the Gansevoort Section, North river. There are at present 25 Standard "A" Base Blocks and one special 10 feet 10 inches blocks (the latter for the Canal Street Section, North river) on the bulkhead platform. Granite received under Contracts Nos. 556 and 635 was inspected, repaired, classified and stored on the East Twenty-fifth Street Pier. Granite was selected for use on the work at Gansevoort Section, North river—handled, dressed and loaded on scows for transfer to that section. Granite and concrete material were loaded on scows for use at the Murray Street Section, North river. Also concrete material was loaded on scows for transfer to the Gansevoort Section, North river, and Thirty-fourth Street Section, North river. Spawls were collected from about the granite cuttings on the East Twenty-fifth Street Pier and broken to size of concrete stone, regulation size. Lockers were made for the East One Hundred and Twelfth Street Recrea-

tion Building. Tools used in dressing granite for the North River Sections were fitted, sharpened and kept in repair; pile and regulating dogs, cant hooks, chains and other ironwork were made and fitted for the North river. Plugs and leathers were made for the granite work at Gansevoort Section, North river. Stonecutter's tools were dressed for use on the work at Pier New 1, North river, and railroad iron was bundled and bound with iron straps for use in sinking binding frames on the North river. Also tools required for general repairs on the East river were repaired; pile rings, pike irons and cant hooks were made; also bolts were fitted for the work of constructing a new Pier at the foot of Twentieth street, East river. Pipe was fitted for Pier, new 6, East river. Iron fittings and fastenings were made and repaired for the East river work. Broken stone received from Brown & Fleming under Treasurer's Order No. 19183 was hoisted and placed in storage bins. Sand and broken stone delivered by Murray & Co. under Treasurer's Order Nos. 19467 and 19685 were measured, and hoisted to the storage bins. Timber was rafted for use on the work of General Repairs along the East and Harlem rivers; also for the work on North river sections. Lumber delivered under Treasurer's Order Nos. 19315, 19386 and 19554 by Naughton & Co. was inspected and rafted. Piles delivered by Naughton & Co. under Treasurer's Order Nos. 19338 and 19544 were inspected and rafted. Old pile driver ways were taken apart and the timber, together with other Department material removed from the East Twenty-fourth Street Pier and Yard, were stored on the East Twenty-fifth Street Pier. The Department's sign on the outer gate was repainted. Dock spikes, screw bolts and other iron delivered under Treasurer's Order Nos. 19340, 19398 and 19412, were inspected, counted, weighed and placed in the storage rooms. A closet removed from the East Thirty-first Street Pier, pending repairs at that point, was repaired and painted. A tool-house was constructed, fitted up and painted for use on the work at Pier 44, East river, under Secretary's Order No. 17909. The second-hand material from the work under this order was unloaded from scow and stored on the East Twenty-fifth Street Pier. The Inspector's office, which was used at the East One Hundred and Twelfth Street Pier for the work under Contract No. 604, was unloaded from scow and placed on the East Twenty-fifth Street Pier. Iron delivered by E. F. Keating under Treasurer's Order No. 19589 was weighed and stored. Timber was rafted for East river work. Cement delivered under Treasurer's Order Nos. 19509, 19533, 19534, 19576, 19690 and 19770, was sampled, weighed and stored. A watchman's shanty was made and loaded on scow for use at East One Hundred and Twelfth Street Pier. A tool-house was made and painted for use on the work of General Repairs. A Dock Master's office was repaired, painted and loaded on a scow for transfer to the North Second Street Pier, Brooklyn. Surveyor's stakes were made for use on the work at Wallabout Basin, Brooklyn. A chute was made for use on 12-ton derrick No. 2 at foot of Ninety-ninth street (East Ninety-ninth Street Section).

MAINTENANCE OF YARD.

The engine, boiler, steam-pipes and other appurtenances of the steam and electrical plants were overhauled and repaired as required from time to time. The traveling crane and fixtures were repaired and kept in order. Repairs were made to the storage bins. The awning over the mixing platform was repaired. The ceiling of the office building was washed and plastered, and the interior and exterior of the building were painted. The roofs of the office building, cement shed, engine-house and storage bins were painted. Granite was shifted on the East Twenty-fifth Street Pier to facilitate handling it. Old material, iron, etc., was collected in groups for sale at public auction. Old timber unfit for other use was sawed up for fire wood. Also old cement barrels were broken up for fire wood. The block platform was repaired. Racks were made and placed in the store-room for use in storing iron. Spikes, bolts and other material were mounted, weighed and altered. Refuse material was collected and burned. A few boxes of departmental records received from Pier "A" were stored. Old concrete moulds were broken up and the material stored. A new shed was built over the mixing platform and painted. Stoves were put up. A storm-door was placed over the entrance to the office building. A small boat was painted and necessary carpenter work was done for use on the work of general repairs. Book shelves were made and placed in the Assistant Engineer's office. The tank in the men's water-closet was repaired. A flag stone walk was laid in the yard driveway. The derrick used in hoisting material to the storage bins was repaired. New scales were fitted up. A small boat was repaired. The tide gauge house was repaired and painted. Ashes were removed from the boiler room. Tools were made for use in the Blacksmith Shop. A tool closet and shelves were constructed for use in the store-rooms. Ladders were made and painted. Sunken yellow pine piles were raised. Timber rafts were secured and cared for. Snow was removed from walks, platforms and East Twenty-fifth Street Pier. An auction sale of old material on the East and Harlem rivers, in accordance with the terms of sale dated June 17, 1898, was held at the East Twenty-fourth Street Yard July 6, 1898. Surplus iron from work of repairs to Pier 48, Secretary's Order No. 17897, was weighed and piled. The office, shops, platforms, sheds and yard were kept clean and in good order, 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 July 6, 1898, and was removed by the purchasers:

At foot of East One Hundred and Second Street, E. R.

- Lot 1. About 72 pile tops, 15 to 37 feet long, 5-inch points.
- " 2. About 48 pile butts, 19 to 26 feet long, 12-inch points.

At foot of East Twenty-fourth Street, E. R.

- Lot 3. About 2,050 pounds scrap cast iron.
- " 4. About 1,400 pounds scrap wrought iron.
- " 5. About 2 tons plate iron from old boat.
- " 6. About 3 old divers' dresses.
- " 7. About 24 old shovels.
- " 8. About 300 feet old rubber hose.

At foot of East Twentieth Street, E. R.

- Lot 9. About 60 pile butts, 18 to 35 feet long, 6-inch points.

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

- Lot 10. About 12,000 pounds old wrought iron.
- " 11. About 9,000 pounds old cast iron.
- " 12. About 600 pounds old rope.
- " 13. About 7 pairs old rubber boots.
- " 14. About 8 old diving dresses.
- " 15. About 200 feet old rubber hose.
- " 16. About 10 old galvanized suction pumps.
- " 17. About 16 old pulley blocks.
- " 18. Lot old windlass castings.
- " 19. 1 old tubular boiler and stack.

At foot of West Eleventh Street, N. R.

- Lot 20. About 1,400 pile butts, from 20 to 23 feet in length, 12-inch points.

The following old material was sold at public auction on September 20, 1898, and was removed by the purchasers:

At West Eleventh Street, N. R.

- Lot 1. 150 pile butts, 12-inch points, 20 to 23 feet in length.

At West Thirty-fourth Street Pier, N. R.

- Lot 2. 1 set of armature plates (removed from outer end of pier).

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

- Lot 3. 1 raft of about 400 spruce piles, 35 to 45 feet in length, on a catamaran of white pine square timber.
- " 4. 1 raft of about 225 spruce piles, 35 to 45 feet in length, on a white pine catamaran.
- " 5. About 40 old oak piles or portions of piles, on a catamaran of old timber.
- " 6. 1 raft of old timber, square timber and plank, about 20 feet by 50 feet and about 5 feet deep.
- " 7. 1 raft of material similar to Lot 6.

GENERAL EXPENSE.

Pier "A."

Secretary's Order No. 17124.—A boat landing was maintained and kept in order. Finished February 14, 1899.

Secretary's Order No. 18038.—The boat landing has been maintained and kept in order. Begun April 28; in progress.

Secretary's Order No. 18038.—Piles were pulled and float stage at southerly side of pier removed. Begun June 11 and finished June 18, 1898.

Engineer's Order.—Record room cleaned. Storm-sashes removed, stored and replaced on windows. Awnings removed, repaired and replaced. Stand erected for use of auctioneer and removed. Repairs made to building. Begun January 3 and finished December 30, 1898.

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

Secretary's Order No. 17714.—Silt basins were cleaned when necessary. Begun December 3, 1897, and finished March 29, 1898.

Secretary's Order No. 18644.—Department signs relettered. Begun January 10 and finished April 20, 1898.

Snow cleaned from Department property. Begun December 28 and finished December 31, 1898.

Cortlandt Street to West Twenty-seventh Street.

Treasurer's Orders Nos. 19442, 19443, 19475, 19476, 19535, 19536, 19583, 19584, 19634, 19635, 19712, 19724, 19725.—New-made land was sprinkled by Thomas Kelly and Edward Carley. Begun May 14 and finished November 30, 1898.

Murray Street, N. R.

Surveyor's office was removed from Chambers to Murray street, repaired and painted.

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

Box-drains in vicinity of Piers were cleaned when necessary. Begun February 11 and finished March 29, 1898.

Piers, new 41 and 42, N. R.

Secretary's Order No. 18722.—Ice-bridge on bulkhead was removed to allow Department of Street Cleaning to dump snow. Begun December 24 and finished December 31, 1898.

Pier, new 43, N. R.

Cleaning recreation structure and caring for same. Begun June 27 and finished December 31, 1898.

Pier, new 47, N. R.

Secretary's Order No. 17647.—Piles in slip north of Pier were pulled or broken off. Begun February 18 and finished August 16, 1898.

Gansevoort Section, N. R.

Offices and Department property cared for, repaired and painted. Begun January 3 and finished December 31, 1898.

Bloomfield Street, N. R.

Secretary's Order No. 17920.—Dock Master's office removed from pier and new one placed. Begun and finished March 1, 1898.

Piers, new 56 and 57, N. R.

Secretary's Order No. 18668.—Wreck of canal-boat lying between these piers was removed. Begun and finished November 28, 1898.

Foot of Forty-second Street, N. R.

Secretary's Order No. 12837.—A boat landing has been maintained at the foot of the street in progress.

Between Piers 44 and 45, E. R.

Secretary's Order No. 18690.—A derelict canal-boat, which was located in the slip between the above piers, was secured and towed to the Astoria flats and beached, in accordance with this order. Begun and finished December 8, 1898.

Pier foot of Thirty-first Street, E. R.

Engineer's Order.—A Dock Master's office located on the Pier at Thirty-first street, East river, was removed and taken to the West Fifty-seventh Street Yard, and office fixtures were transferred to the new Dock Master's office on the East Twenty-fourth street recreation building. Begun February 18 and finished February 19, 1898.

Pier, East One Hundred and Twelfth Street.

Engineer's Order.—A tide gauge was fitted up on the pier in accordance with this order. The work was begun November 4 and finished November 5, 1898.

Pier at East One Hundred and Sixteenth Street, H. R.

Engineer's Order.—An automatic tide gauge and pipe were removed from the pier. The work was begun and finished March 15, 1898.

Foot of East One Hundred and Thirty-Eighth Street, H. R.

Secretary's Order No. 17892.—A Dock Master's office was removed from the foot of East One Hundred and Thirty-eighth street to a point designated by the Dock Superintendent, viz.: to the bulkhead south of the southerly line of East One Hundred and Fortieth street, Harlem river. Work was begun February 4 and finished February 5, 1898.

Pier, foot of North Second Street, Brooklyn.

Engineer's Order.—A Dock Master's office was fitted up and moved from the East Twenty-fourth Street Yard to the North Second Street Pier and placed thereon. The work was accomplished on December 20, 1898.

Engineer's Order.—A day and a night watchman have been maintained at the old recreation building in accordance with this order. Begun April 12, 1898.

Dock Masters' Offices, etc.

Secretary's Order No. 17640.—Under the above order, made the necessary repairs to the Dock Master's offices at Pier, new 43, North river, January 31, 1898.

Shifted office from West Fiftyth Street Pier to the north side of West Fifty-second Street Pier on March 15, 1898. The office was placed on a deck scow and towed to West Fifty-second Street Pier.

Repaired and painted Dock Masters' offices at Pier, new 6, East river; Clinton street, East river; Canal street, North river; Pier, new 43, North river; One Hundred and Thirty-third street, North river, and East Thirty-first street; June 27, placed small house on scow "H," at West Fifty-seventh Street Yard; towed same to Thirty-first street, East river, and placed house in position at Thirty-first street, East river, for use of Dock Master.

Put glass in windows and repaired office of Dock Master at District 4; repaired and painted office of Dock Master at West Fifty-second street. Finished August 9, 1898.

Repaired roof of Dock Master's office, at West Ninety-ninth street.

Repaired office of Dock Master at West Thirty-fifth street, and also painted, and furnished a new stove and stove fittings and fitted up same.

Furnished and fitted up new stove and stove fittings at Dock Master's offices at Bloomfield street, North river; West Fifty-second street, North river and West Seventy-fifth street, North river.

Fitted up stove and stove fittings at Dock Masters' offices at Third street, East river; Pier, new 6, East river, and West Ninety-ninth street.

Made tool-boxes for use at Thirty-eighth street, East river; Bloomfield street, North river; Pier 48, East river, and One Hundred and Twenty-ninth street, Harlem river; and placed same at above places.

Repaired tool-boxes for use at Twenty-eighth and Twenty-ninth streets, East river.

Placed a new coal box at Dock Masters' offices, foot of Canal street and Pier 48, East river.

Secretary's Order No. 17688.—Under the above order made and painted six tool-boxes at West Fifty-seventh Street Yard, for use on the water front as follows: one each at East Eighty-sixth street, East One Hundred and Tenth street, Pier, new 13, North river; Pier, new 37, North river; Pier, new 28, North river, and Pier, new 43, North river. These boxes were taken away by cart between January 11 and 19, 1898.

West Seventy-fifth Street, N. R.

Engineer's Order.—A day and night watchman assigned to watch and care of timber basin; in progress.

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

Secretary's Order No. 13282.—Watching and care of premises. Finished January 17, 1898.

From Fifth to Seventh Avenue, H. R.

Resolution of Board, January 19, 1893.—Watching and care of premises. Finished January 17, 1898.

REPORT OF STOCK.

Report of Stock on Hand, Purchased, Received from Sections, Fabricated and Issued from the West Fifty-seventh Street Yard, N. R., for Year ending December 31, 1898.

Balance stock on hand December 31, 1897.....	\$14,808 92
Purchased from January 1, 1898, to December 31, 1898.....	60,384 49
Purchased from January 1, 1898, to December 31, 1898 (no bills).....	296 80
Fabricated (81 concrete "R" blocks).....	20,515 14
Received from Sections.....	2,685 36
Total to be accounted for.....	\$98,690 71

Issued to the following Sections:

Floating property.....	\$2,670 53
North River Sections.....	41,946 85
General Repairs.....	1,254 08
Concrete block, account "R".....	14,647 65
West Fifty-seventh Street Yard, North river.....	198 15
Surveying party.....	140 05
Timber Basin.....	646 03
Pier A, North river.....	21 26
East River Section.....	15,883 63
Dock Superintendent.....	117 65
Brooklyn improvements.....	75 03
Miscellaneous account.....	3,651 42
Improvement to Yard.....	213 77
Balance on hand December 31, 1898.....	17,224 61
	<u>\$98,690 71</u>

Report of Stock on Hand, Purchased, Received from North River Sections, and Issued from the East Twenty-fourth Street Yard for the Year ending December 31, 1898.

Balance of stock on hand December 31, 1897.....	\$11,738 32
Purchased from January 1, 1898, to December 31, 1898.....	157,756 06
Purchased (no bills).....	26 35
Received from West Fifty-seventh Street Yard.....	15,671 88
Received from floating property.....	724 84
Received from General Repairs (on North river).....	772 84
Received from Sections on North river.....	4,462 07
Received from West Seventy-fifth Street Basin.....	10,021 37
Total to be accounted for.....	<u>\$201,173 73</u>
Issued as follows:	
To General Repairs on North river.....	\$685 18
To Sections on North river.....	23,522 22
To Sections and work on East river.....	170,415 43
To balance on hand December 31, 1898.....	6,550 90
	<u>\$201,173 73</u>

Statement of Granite, East Twenty-fourth Street Yard, January 1, 1898, to December 31, 1898.

	CONTRACT OR TREASURER'S ORDER NUMBER RECEIVED UNDER.	DATE OF CONTRACT OR TREASURER'S ORDER.	ON HAND, DECEMBER 31, 1897.	RECEIVED DURING THE YEAR.	ISSUED TO THE SECTIONS.	BALANCE ON HAND, DECEMBER 31, 1898.	AUDITED PRICE PER CUBIC FOOT.	AMOUNT.
Headers and stretchers.....	Treasurer's Order No. 13608.....	Feb. 4, 1889	Cubic Feet. 19.6	Cubic Feet. 19.6	Cubic Feet. 19.6	Cubic Feet. 19.6	.....	.....
".....	" 13798.....	Mar. 17, "	10.2	10.2	10.2	10.2	.....	.....
".....	" 14267.....	Oct. 24, "	26.7	26.7	26.7	26.7	99	\$26 43
".....	" 16145.....	June 15, 1892	366.7	366.7	366.7	366.7	64	211 97
".....	Contract No. 112.....	Mar. 26, 1880	11.08	11.08	11.08	11.08	63	6 98
".....	" 268.....	" 29, 1888	14.5	14.5	14.5	14.5	.....	.....
".....	" 333.....	July 11, 1890	15.5	15.5	15.5	15.5	99	15 34
".....	" 337.....	Nov. 5, "	106.9	106.9	106.9	106.9	95	63 94
".....	" 373.....	May 4, 1891	78.9	78.9	78.9	78.9	90	35 19
".....	" 396.....	Oct. 21, "	69.3	69.3	69.3	69.3	97	49 86
".....	" 398.....	" 28, "	844.7	844.7	844.7	844.7	91	252 25
".....	" 412.....	Mar. 27, 1892	3,693.3	3,693.3	3,693.3	3,693.3	97	1,190 20
".....	" 414.....	Apr. 14, "	3,589.3	3,589.3	3,589.3	3,589.3	99	1,413 62
".....	" 436.....	" 25, 1893	6,103.4	6,103.4	6,103.4	6,103.4	1 21	1,890 02
".....	" 455.....	Sept. 12, "	5,559.8	5,559.8	5,559.8	5,559.8	97	2,268 05
".....	" 457.....	" 22, "	5,035.1	5,035.1	5,035.1	5,035.1	95	2,217 40
".....	" 556.....	Dec. 19, 1896	3,817.6	3,817.6	3,817.6	3,817.6	96	1,532 54
".....	" 635.....	Aug. 10, 1898	.....	6,629.7	6,629.7	6,629.7	94 1/2	4,146 18
Coping stones.....	" 357.....	Nov. 5, 1890	74.8	74.8	74.8	74.8	1 13	84 52
".....	" 373.....	May 4, 1891	79.2	79.2	79.2	79.2	1 13	89 50
".....	" 398.....	Oct. 28, "	303.9	303.9	303.9	303.9	1 11	258 96
".....	" 412.....	Mar. 27, 1892	1,575.9	1,575.9	1,575.9	1,575.9	1 23	400 73
".....	" 414.....	Apr. 14, "	2,149.4	2,149.4	2,149.4	2,149.4	1 45	460 23
".....	" 455.....	Sept. 12, 1893	5,480.0	5,480.0	5,480.0	5,480.0	1 37	3,981 08
".....	" 457.....	" 22, "	2,815.6	2,815.6	2,815.6	2,815.6	1 34 1/2	433 49
".....	" 556.....	Dec. 19, 1896	.....	4,146.6	4,146.6	4,146.6	1 10	2,331 12
			41,841.38	22,269.2	42,059.1	27,051.48	.....	\$23,359 69
			Number. 13841		Number. 13841			
Paving blocks.....	Contract No. 357.....	Nov. 5, 1890						

WORK DONE FOR OTHER DEPARTMENTS.

WORK DONE FOR FINANCE DEPARTMENT.

During the year the Department tug has been in the service of the City Paymaster for 162 hours, and hired tugs for 207 hours—total, 369 hours.

FOR THE DEPARTMENT OF CHARITIES.

Pier foot of Twenty-sixth Street, E. R.

Secretary's Order No. 17899.—Manholes were cut in the deck of the pier at the request of the Department of Charities, to facilitate their work of repairs to the Croton water-pipe. Work was begun February 11 and finished February 22, 1898.

Pier at Twenty-sixth Street, E. R.—Morgue Dock.

Secretary's Order No. 17901.—14 oak spring piles were driven and fastened with chain, gangway built and chocks renewed. Begun March 4 and finished March 14, 1898.

Secretary's Order No. 17924.—Cluster piles were driven and properly fastened, sheathing patched and other necessary repairs made. Begun March 4 and finished March 31, 1898.

Secretary's Order No. 18280.—Spring piles were redriven, chocks placed and deck of approach repaired. Used 2,096 feet, B. M., of yellow pine. Begun July 6 and finished August 1, 1898.

Secretary's Order No. 18622.—Piles were driven and fastened, ribbon pieces, braces and chocks placed. Used 1,128 feet, B. M., of yellow pine, 6 new oak piles and 125 pounds of chain. Begun November 28 and finished December 6, 1898.

Penitentiary Dock, Blackwell's Island.

Secretary's Order No. 18121.—The dock was extended 100 linear feet northerly. Used 20,998 feet, B. M., of yellow pine. Begun July 12 and finished August 6, 1898.

Bake-house Dock, Blackwell's Island.

Secretary's Order No. 18122.—The sheathing on dock was repaired. Used 10,053 feet, B. M., of yellow pine. Begun August 6 and finished August 12, 1898.

Workhouse Dock (Coal), Blackwell's Island.

Secretary's Order No. 18123.—Mooring posts and chocks were placed and sheathing repaired. Used 944 feet, B. M., of yellow pine. Begun August 12 and finished August 15, 1898.

Alms-house Dock, Blackwell's Island.

Secretary's Order No. 18356.—Cluster piles were driven along shore and properly braced and fastened. Used 1,975 feet, B. M., of yellow pine. Begun August 16 and finished August 30, 1898.

Charity Dock, Blackwell's Island.

Secretary's Order No. 18405.—The sheathing on dock was patched with 1,247 feet, B. M., of 4-inch spruce. Begun September 30 and finished October 1, 1898.

Bulkhead between One Hundred and Twentieth and One Hundred and Twenty-first Streets, H. R.

Secretary's Order No. 18654.—Spring piles were driven and fastened. 7 half-round oak fenders put on. Begun December 17 and finished December 27, 1898.

Float at One Hundred and Twenty-fifth Street, H. R.

Secretary's Order No. 17881.—The platform of float was repaired. Begun and finished February 13, 1898.

Upper Landing on Randall's Island.

Secretary's Order No. 17745.—The sheathing on landing was patched with 2,142 feet, B. M., of 3-inch by 9-inch spruce. Begun January 12 and finished January 13, 1898.

Dock at Randall's Island.

Secretary's Order No. 17826.—21 second-hand piles and 1 new oak pile were driven and planking on landing repaired with 3-inch spruce. Begun February 5 and finished February 10 1898.

Boat Landing, Randall's Island.

Secretary's Order No. 18210.—The landing was repaired. Begun June 17 and finished June 21, 1898.

Dock at Randall's Island.

Secretary's Order No. 18621.—Spring piles were driven and fastened. Mooring posts, backing-log and chocks renewed and sheathing on deck patched. Used 11,327 feet, B. M., of yellow pine; 12 new oak piles; 4 half-round oak fenders, and 150 pounds chain. Begun December 6 and finished December 16, 1898.

WORK DONE FOR DEPARTMENT OF PUBLIC WORKS.

Public Baths.

Berths were prepared for public baths at the following places: At the close of season the same premises were restored for commercial use under

Secretary's Order No. 18061.—Bulkhead north of Pier, new 21, North river; Pier foot of Twentieth street, North river; Pier at Fifty-first street, North river; Pier at Seventy-ninth street, North river.

Secretary's Order No. 18254.—Foot of Eighty-third street, North river.

Secretary's Order No. 18061.—Pier at One Hundred and Thirty-fourth street, North river; Pier, new 29, East river; Pier at Fifth street, East river; Pier at Eighteenth street, East river; Pier at Twenty-fourth street, East river; Pier at Ninety-first street, East river.

Secretary's Order No. 18275.—Foot of Corlears Hook Park, East river. Begun June 4 and finished September 29, 1898.

FOR THE FIRE DEPARTMENT.

Fireboat Landing.

Secretary's Order No. 18361.—The sheathing on landing was patched with 802 feet, B. M., of yellow pine. Begun September 22 and finished September 26, 1898.

Secretary's Order No. 17895.—Repairs were made to the fireboat landing. February 26 to March 3, 1898.

Secretary's Order No. 18045.—Mooring piles were repaired and refastened. Begun May 20 and finished May 23, 1898.

Pier, new 26, N. R.

Secretary's Order No. 18009.—Pier was repaired where damaged by fireboat "Zophar Mills." Begun April 18 and finished April 28, 1898.

Pier at East Ninety-sixth Street, E. R.

Secretary's Order No. 18291.—A cluster of piles was driven, at request of Fire Department, for the purpose of berthing the fireboat "William F. Havemeyer," at above pier. The work was begun July 8 and finished July 14, 1898.

FOR THE DEPARTMENT OF BUILDINGS, LIGHTING AND SUPPLIES.

Pier at East One Hundred and Twelfth Street, H. R.

Secretary's Order No. 18386.—A free floating bath and necessary approaches were placed. The work was begun August 5 and finished August 6, 1898.

FOR THE DEPARTMENT OF WATER SUPPLY.

Pier at East One Hundred and Twelfth Street, H. R.

Secretary's Order No. 18141.—A trench was dug by the Department force, from the westerly side of Pleasant avenue to the inshore end of the pier, to assist the Department of Water Supply in laying a water-main for supplying water to recreation building on One Hundred and Twelfth Street Pier. The trench was refilled, and the area over it repaved. The work was begun June 6 and finished June 24, 1898.

WORK DONE FOR STREET CLEANING DEPARTMENT.

Cribwork at Riker's Island.

Secretary's Order No. 18051.—Alterations in cribwork were made in accordance with request of Commissioner of Street Cleaning. Begun April 13 and finished April 23, 1898.

Riker's Island Pier.

Secretary's Order No. 18078.—The boat-landing thereat was put in place and properly secured and repaired. Used 208 linear feet of oak piles and 100 pounds of chain. Begun April 25 and finished April 26, 1898.

Foot of Eightieth Street, E. R.

Engineer's Order.—A cluster of piles was driven and anchored on the bulkhead for use in berthing the scows of the Department of Street Cleaning. The work was begun December 9 and finished December 22, 1898.

RECAPITULATION OF DREDGING DONE FOR STREET CLEANING DEPARTMENT.

LOCALITY.	AMOUNT. CUBIC YARDS.	AUTHORIZATION.	BEGUN.	FINISHED.
West Nineteenth street, North river, dumping-board.....	1,597	Contract No. 629.....	Nov. 8, 1898	Nov. 9, 1898
West Forty-seventh street, North river, dumping-board.....	1,216	" 601.....	Jan. 16, "	Jan. 16, "
West Forty-seventh street, North river, dumping-board.....	2,447	" 633.....	Oct. 13, "	Oct. 14, "
Pier 44, East river, dumping-board.....	772	" 562.....	Feb. 16, "	Feb. 17, "
East Seventeenth street, East river, dumping-board.....	2,199	" 562.....	May 26, "	May 30, "
East Thirty-eighth street, East river, dumping-board.....	684	" 562.....	Jan. 1, "	Jan. 21, "
East Forty-sixth street, East river, dumping-board.....	351	" 562.....	Dec. 19, "	Temporarily suspended.
East Eightieth street, East river, dump- ing-board.....	360	" 562.....	" 18, "	Dec. 18, 1898
East Eightieth street, East river, dump- ing-board.....	311	" 562.....	Oct. 8, "	Oct. 20, "
East Eightieth street, East river, dump- ing-board.....	75	" 562.....	Dec. 31, 1897	Jan. 20, "
Lincoln avenue, Harlem river, dumping- board.....	586	" 570.....	Apr. 19, 1898	Apr. 19, "
Gold street, Borough of Brooklyn, dump- ing-board.....	548	Treasurer's Order No. 19289	Jan. 30, "	Jan. 31, "

FOR DEPARTMENT OF BRIDGES.

Bulkhead North of Bridge Tower, Borough of Brooklyn.

Treasurer's Order No. 19403.—343 cubic yards of mud were excavated. Begun and finished April 14, 1898.

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, N. R.

Secretary's Order No. 17895.—Repairs made to pier where damaged by New York and South Brooklyn Steam and Transportation Company. Begun February 29 and finished March 3, 1898.
Secretary's Order No. 18279.—Damage done by Transfer Boat No. 6 of the N. Y., N. H. & H. R. R. Co. was repaired. Commenced June 18 and finished June 20, 1898.

Pier "A," N. R.

Secretary's Order No. 18126.—This pier was repaired where damaged by tugboat "Mutual." Commenced and finished May 17, 1898.

Pier, new 1, N. R.

Secretary's Order No. 18206.—Repairs were made to fender pile near the outer southerly corner of pier where damaged by the steamer "Anna Moore." Commenced and finished July 18, 1898.

Secretary's Order No. 18283.—Cluster piles on outer corner of pier were redriven, put in place and refastened; cost to be collected. Begun July 5 and finished July 6, 1898.

Secretary's Order No. 18352.—Damage done by steamship "Indralemma" was repaired. Commenced August 2 and finished August 8, 1898.

Secretary's Order No. 18437.—One chock was renewed; cost to be collected from Merritt & Chapman Derrick and Wrecking Company. Begun and finished September 26, 1898.

Secretary's Order No. 18491.—Two cast-iron mooring posts were placed and properly secured on outer southerly corner of pier; cost to be collected from Funck, Edye & Co. Begun October 13 and finished October 21, 1898.

Pier, new 15, N. R.

Secretary's Order No. 18730.—Granite pavement taken up and relaid to enable American Line to repair water-pipe. Begun December 8, 1898; in progress.

Chambers Street, N. R.

Secretary's Order No. 18326.—Granite pavement taken up and relaid to enable Metropolitan Street Railway Company to repair pipe. Begun August 5, 1898.

Secretary's Order No. 18387.—Granite pavement relaid to grade where removed by Metropolitan Street Railway Company to change location of car stand. Begun August 25 and finished October 21, 1898.

Secretary's Order No. 18487.—Granite pavement taken up and relaid to enable Metropolitan Street Railway Company to repair pipe. Begun September 30 and finished October 25, 1898.

Piers, new 20 and 21, N. R.

Secretary's Order No. 18216.—Granite pavement taken up by Erie Railroad Company to place shed foundations was relaid and surplus pavement removed. Begun June 9 and finished August 8, 1898.

Pier, new 22, N. R.

Secretary's Order No. 18628.—Granite pavement was taken up and relaid to enable Baltimore and Ohio Railroad Company to repair pipe. Begun November 14 and finished December 15, 1898.

Piers, new 24 and 25, N. R.

Secretary's Order No. 17974.—Granite pavement removed by Consolidated Ice Company to place scales was relaid. Begun March 15 and finished June 1, 1898.

Pier, new 25, N. R.

Secretary's Order No. 18378.—Granite pavement taken up and relaid to enable the Southern Pacific Company to repair pipe. Begun July 15 and finished August 12, 1898.

Pier, new 27, N. R.

Secretary's Order No. 18469.—Granite pavement taken up and relaid to enable James Howard to repair pipe. Begun September 15 and finished October 5, 1898.

Pier, new 40, N. R.

Secretary's Order No. 18553.—Granite pavement taken up and relaid to enable G. B. Murphy to repair pipe. Begun October 25 and finished December 14, 1898.

Pier, new 42, N. R.

Secretary's Order No. 17911.—Deck sheathing repaired for the Compagnie Generale Transatlantique. Begun February 26 and finished February 27, 1898.

Pier, new 43, N. R.

Secretary's Order No. 18068.—Five gangways cut south side pier for Catskill and New York Steamboat Company. Begun May 7 and finished June 3, 1898.

Secretary's Order No. 18322.—Two gangways cut and one closed south side pier for Sauger-ties and New York Steamboat Company. Begun July 11 and finished July 23, 1898.

Secretary's Order No. 18676.—Repairs made to pier where damaged by Sauger-ties and New York Steamboat Company. Begun December 13 and finished December 27, 1898.

Pier, old 42, N. R.

Secretary's Order No. 18176.—Gangways cut in pier for Mattewan Propeller Company and William Bennett. Begun June 4 and finished June 11, 1898.

Charles Street, N. R.

Secretary's Order No. 18348.—Belgian-block pavement taken up and relaid to enable William Simonson to repair pipe. Begun July 21 and finished July 23, 1898.

West Eleventh Street, N. R.

Secretary's Order No. 17599.—Piles were driven in rear of bulkhead-wall to facilitate the work of building bulkhead shed for R. P. & J. H. Staats. Begun October 20, 1897, and finished November 5, 1898.

Secretary's Order No. 17638.—Opening left in bulkhead-wall to enable R. P. & J. H. Staats to place pipe. Begun December 3, 1897, and finished January 7, 1898.

Secretary's Order No. 18474.—Material removed from slip south of pier; repairs made to derrick where damaged by capsizing of scow of Murray & Co. Begun September 14 and finished November 14, 1898.

Bank Street.

Secretary's Order No. 18447.—Repairs made to pier where damaged by Morris & Cumings Dredging Co. Begun October 6 and finished October 8, 1898.

Bethune Street.

Secretary's Order No. 17970.—Piles were driven in rear of wall to facilitate the work of building bulkhead shed for Sanderson & Sons. Begun April 21 and finished December 21, 1898.

Jane and Gansevoort Streets.

Secretary's Order No. 17785.—Piles were driven in rear of wall to facilitate the work of building bulkhead shed for the Cunard Steamship Company. Begun March 18 and finished December 17, 1898.

Pier, old 58½.

Secretary's Orders No. 17918.—Gangway cut, spring piles driven at north side pier for Requa & Duell. Begun March 5 and finished March 18, 1898.

Pier, old 59.

Secretary's Order No. 17926.—Repairs made to pier where damaged by Vierow Towing Company. Begun April 6 and finished April 8, 1898.

Secretary's Order No. 18037.—Repairs made to pier where damaged by P. Sanford Ross.

West Sixteenth Street.

Secretary's Order No. 18366.—Pier cleaned and sheathing repaired for William J. McGirr. Begun December 15 and finished December 25, 1898.

West Twentieth Street.

Secretary's Order No. 18072.—Pier was extended for the Knickerbocker Steamboat Company. Begun June 2 and finished July 11, 1898.

Secretary's Order No. 18260.—Pavement removed by G. B. Murphy to make pipe connections was relaid to grade. Begun June 22 and finished August 17, 1898.

Secretary's Order No. 18264.—Spring piles driven south side pier for Knickerbocker Steamboat Company. Begun July 11, 1898.

Secretary's Order No. 18284.—Repairs made to pier where damaged by tug belonging to Robert Rogers. Begun June 16 and finished June 17, 1898.

West Twenty-fourth Street.

Secretary's Order No. 17954.—Pavement taken up by Consolidated Gas Company to repair pipes. Begun March 1 and finished March 30, 1898.

Piers, new 55, 56 and 57.

Secretary's Order No. 18480.—Cement delivered from Fifty-seventh street to New York Sand and Gravel Company. Begun August 1 and finished October 13, 1898.

Between Piers, new 55 and 56, N. R.

Secretary's Order No. 17721.—Piers, new 55 and 56. Coping stones were removed from the bulkhead-wall to allow for the placing of a transfer bridge, and two stones were replaced on each side of bridge and backing-log replaced at the expense of the Baltimore and Ohio Railroad Company. Begun December 6, 1897, and finished February 23, 1898.

Pier, new 58.

Secretary's Order No. 18709.—Pavement relaid to grade where removed by Consolidated Gas Company to repair pipe. Begun December 20 and finished December 22, 1898.

West Thirty-fourth Street.

Secretary's Order No. 18394.—Repairs were made to pier where damaged by Cornell Towing Company. Begun August 15, 1898.

Secretary's Order No. 18454.—Repairs made to pier where damaged by tugs "Theresa," and "Harlem River No. 2." Begun September 13, 1898.

Secretary's Order No. 18465.—Repairs made to pier where damaged by tug "G. W. Wright." Begun September 16 and finished September 17, 1898.

Secretary's Order No. 18489.—Repairs made to pier where damaged by Cornell Steamboat Company. Begun October 4 and finished October 5, 1898.

Secretary's Order No. 18490.—Repairs made to pier where damaged by Pennsylvania Railroad Company. Begun October 4, 1898.

Secretary's Order No. 18505.—Repairs made to pier where damaged by tug "G. W. Washburne." Begun October 1 and finished October 10, 1898.

Secretary's Order No. 18533.—Repairs made to pier where damaged by tug "Gracie." Begun October 25, 1898.

Secretary's Order No. 18534.—Repairs made to pier where damaged by tug "E. H. Mead." Begun October 25, 1898.

Secretary's Order No. 18571.—Repairs made to pier where damaged by New York Central Lighterage Company. Begun December 1, 1898.

Secretary's Order No. 18623.—Repairs made to pier where damaged by tug "Hudson." Begun November 21, 1898.

Bulkhead between West Seventy-seventh and Seventy-eighth Streets, N. R.

Five hundred and eighty-five cubic yards of material were excavated and removed, which was rendered necessary on account of a scow capsizing thereat. Begun November 25 and finished November 26, 1898.

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

Secretary's Order No. 18481.—The bulkhead was repaired with 7,080 feet B. M. second-hand timber, cost to be collected from Riverside and Fort Lee Ferry Company. Begun October 3 and finished October 10.

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

Secretary's Order No. 18027.—A gangway was built on outer end of pier for Ramsdell Transportation Company at their expense. Begun April 5 and finished April 13.

Secretary's Order No. 18314.—The damage done to pier by steamer "Homer Ramsdell," was repaired, cost to be collected. Begun July 16 and finished July 18.

Foot of One Hundred and Fifty-fifth Street, N. R.

Secretary's Order No. 18153.—130 piles were driven along shore and stay-lathed. Cost to be collected from "Katharine Smith." Begun June 2 and finished June 18, 1898.

Secretary's Order No. 18244.—Sheathing was laid on piles, cost to be collected from "Katharine Smith." Begun June 17 and finished July 6, 1898.

Pier 19, E. R. (West Side).

562 cubic yards of material were excavated and removed, which was rendered necessary on account of a scow load of brick capsizing thereat. Begun and finished December 8, 1898.

Pier, new, 32, E. R.

Secretary's Order No. 18007.—The damage done by steam propeller "Ann Eliza" was repaired. Used 1,632 feet, B. M., yellow pine. Cost to be collected from Trenton Propeller Line. Begun April 4 and finished April 9, 1898.

Secretary's Order No. 18637.—Repairs were made to the pier where damaged by the steamer "Rosedale" of the Bridgeport Steamboat Company, and the cost of same was reported for collection from said company. The work consisted of placing 4 new oak fender piles and refastening 4 loosened fender piles on the southeast corner of the pier; also replacing the corner chocks between the backing log and horizontal chocking of the outer vertical sheathing. The work was begun December 14 and finished December 16, 1898.

Between Jackson and Corlears Streets, E. R.

Secretary's Order No. 18542.—The water front between Jackson and Corlears streets on South street was fenced off where necessary in accordance with this order. The work consisted of rebuilding the old fence, placing it about 10 feet further north. The work was begun November 4 and finished November 14, 1898.

Secretary's Order No. 18696.—The cost for fencing off the private property between the above streets (which work was begun November 4 and completed November 14, 1898,) was reported for collection from the owners thereof on December 13, 1898, in accordance with this order.

Pier at Eighteenth Street, E. R.

Secretary's Order No. 18147.—Repairs were made to the pier where damaged by the ship "Ancyra," consigned to the Carroll Box and Lumber Company, and the cost of repairs was reported for collection from said company. The work consisted of replacing 30 feet of backing log, and also chocks to the fenders, and was begun and finished May 25, 1898.

Pier foot of Twentieth Street, E. R.

Secretary's Order No. 18635.—Repairs were made to the pier where damaged by the derrick "Monarch" of the Merritt & Chapman Derrick and Wrecking Company, and the cost of said repairs was reported for collection from said company. The work was begun November 21 and finished November 26, 1898.

Pier at Twenty-sixth Street, E. R.

Secretary's Order No. 18020.—The boat-landing of New York Yacht Club was repaired. Used 125 feet, B. M., of yellow pine and 252 feet, B. M., of 3-inch spruce. Begun March 31 and finished April 2, 1898.

Pier foot of Thirty-first Street, E. R.

Secretary's Order No. 17948.—Repairs were made to the pier where damaged by Car Float No. 9 of the Lehigh Valley Railroad Company, and the cost of same was reported for collection from said company. Work was begun March 7 and finished March 8, 1898.

Pier at East Thirty-Third Street, E. R.

Secretary's Order No. 17892.—The pier at East Thirty-third street having been damaged by the steamboat "Sag Harbor" of the Long Island Railroad Company, was repaired by the Department force, and the cost of repairs was reported for collection from the said company. The work was begun February 28 and finished March 15, 1898.

Dump at East Eightieth Street, E. R.

Two hundred and fifty-two cubic yards of material were excavated and removed, which was rendered necessary on account of the adjoining bulkhead caving in and dropping a quantity of brick over the area used by the Department of Street Cleaning as a dump. Begun and finished December 18, 1898.

Foot of Eightieth Street, E. R.

Secretary's Order No. 18700.—The old piles, timber and other obstructions of the platform which collapsed at foot of Eightieth street, were removed so as not to interfere with the berthing of the Street Cleaning Department's scows. The cost of said work was reported for collection from the lessees. The work was begun December 9 and finished December 22, 1898.

Pier at East One Hundred and Tenth Street, H. R.

Secretary's Order No. 18309.—Repairs were made to the northerly side of the pier at East One Hundred and Tenth street, in conjunction with repairs to the southerly side, under Secretary's Order No. 18257, and the cost of same was reported for collection from Messrs. Kane & Wright. The work consisted of making repairs to the deck sheathing, and was begun July 23 and finished July 25, 1898.

Pier at East One Hundred and Twelfth Street, H. R.

Secretary's Order No. 18108.—Repairs were made to the pier where damaged by Scow No. 30, belonging to Brown & Fleming, and the cost was reported for collection from the owners. The work was begun May 10 and finished May 13, 1898.

Secretary's Order No. 18174.—Repairs were made to the pier where damaged by Transfer Boat No. 8 of the New York, New Haven and Hartford Railroad Company, and the cost of said repairs was reported for collection from said company. The work consisted of repairing and re-fastening one oak fender pile, and was begun and finished on June 3, 1898.

Secretary's Order No. 18639.—The necessary repairs were made to the pier where damaged by the New York, New Haven and Hartford Railroad, and the cost of same was reported for collection from said company. The work consisted of removing one broken side-bearing pile and replacing it with a new one; also replacing one oak fender; repairing three vertical and one horizontal chocks, and fish plating and straightening the side cap. The work was begun December 23 and finished December 27, 1898.

Pier South Fifth Street, Brooklyn.

Secretary's Order No. 18353.—Repairs to pier at foot of South Fifth street, cost to be collected from John H. Starin. Begun July 22 and finished July 23, 1898.

Secretary's Order No. 18354.—Repairs to shed on pier at foot of South Fifth street, cost to be collected from John H. Starin. Begun July 20 and finished July 23, 1898.

DRAUGHTING ROOM.

REPORT FOR THE YEAR ENDING DECEMBER 31, 1898.—SUMMARY OF WORK DONE IN THE DRAUGHTING ROOM.

PLANS, SPECIFICATIONS, ESTIMATES AND STUDIES FOR CONTRACT WORK.

Borough of Manhattan.

Secretary's Order 17945.—To prepare plans and specifications for a crib-bulkhead to extend from the centre of West One Hundred and Thirty-fifth street to the centre of the block between West One Hundred and Thirty-sixth and West One Hundred and Thirty-seventh street, North river. Plans and specifications were forwarded with a report on the order submitted March 9, 1898. (Contract No. 630.)

Engineer's Order.—To prepare plans and specifications for paving in the vicinity of Piers, new 55, new 56 and new 57, North river. Plans and specifications were forwarded with a report on the order submitted March 25, 1898. (Contract No. 631 suspended; work done under Treasurer's Order.)

Secretary's Order No. 17425.—To prepare plans and specifications for extending pier at the foot of West One Hundred and Thirty-third street, North river. Specifications were in progress in the early part of the year, but all further office work was ordered suspended.

Secretary's Order No. 17643.—To prepare plans and specifications for repairing sewer under Pier, new 36, North river. Plans and specifications for this work were completed, but it was decided that the Department of Sewers should do the work of repairing. A report, therefore, returning the order, was submitted September 26, 1898.

Secretary's Order No. 17788.—To prepare plans and specifications for paving on the bulkhead between West Fifty-third and West Fifty-fourth streets, North river; not begun.

Secretary's Order No. 17427.—To prepare plans and specifications for repairing bulkhead at the foot of East Forty-seventh street, East river. Plans and specifications were finished and forwarded with a report on the order submitted April 4, 1898. (Work ordered to be done by Department labor.)

Engineer's Order.—To prepare plans and specifications for paving the newly filled-in land in the rear of the bulkhead-wall for the entire Gansevoort section. Plans and specifications for this work were forwarded with a report on the order submitted July 8, 1898. (Work ordered to be done under Treasurer's Orders.)

Engineer's Order No. 19116.—To prepare plans and specifications for a new pier at the foot of Watts street, North River. Plans and specifications were forwarded with a report on the order submitted July 28, 1898. (Contract No. 639.)

Engineer's Order.—To prepare plans and estimate for strengthening the 100 ton derrick. Plans were forwarded with a report submitted. September 1, 1898.

Secretary's Order No. 18448.—To prepare plans and specifications for a new pier at the foot of West Forty-third street, North River. These plans and specifications are finished but are held awaiting further orders.

Engineer's Order.—To prepare plans for extending Pier, old 56½ and for building a new pier at the foot of Bloomfield street, North River, so as to form a temporary oyster basin. Plans and specifications were forwarded with a report submitted September 1, 1898. (Work ordered to be done by Department labor.)

Secretary's Order No. 18641.—To prepare plans and specifications for a new pier at the foot of Catherine street, East River. The specifications were completed and submitted with a report on the order November 30, 1898. Plans were completed and forwarded for approval December 30, 1898. (Contract No. 645.)

Engineer's Order.—To prepare plans and form of contract for furnishing and delivering 4,000 piles. Specifications and estimate were finished and forwarded with a report on the order submitted November 23, 1898. (Contract No. 642.)

Engineer's Order.—To prepare specifications and form of contract for 500,000 feet, B. M., of spruce plank. Specifications and estimate were completed and forwarded with a report on the order submitted November 23, 1898. (Contract No. 643.)

Secretary's Order No. 18701.—To prepare plans and specifications for repairing the pier at the foot of East Eleventh street, East river. The work of preparation of these plans has been suspended under orders.

Borough of The Bronx.

Secretary's Order No. 17782.—To prepare plans and specifications for a Pier at the foot of Fordham road, Harlem river. The plans and specifications for this work were forwarded with a report on the order submitted March 11, 1898. (Laid over.)

Borough of Brooklyn.

Secretary's Order No. 18251.—To prepare plans and specifications for completing and strengthening the Recreation Building on the Pier at the foot of North Second street, East river.

Plans and specifications for this work were forwarded with a report on the order submitted July 15, 1898. (Advertised as Contract No. 631 but not let.)

Engineer's Order.—To prepare plans and estimates for completing and strengthening the Recreation Building on the Pier at the foot of North Second street, in the Borough of Brooklyn, by a system of centre posts. This work is in progress.

Secretary's Order No. 18642.—To prepare plans and specifications for two new Piers at the Wallabout Basin. These plans and specifications are in progress.

PLANS, STUDIES, SPECIFICATIONS AND ESTIMATES FOR CONSTRUCTION OR REPAIRS BY DEPARTMENT LABOR OR UNDER TREASURER'S ORDERS.

Borough of Manhattan.

Engineer's Order No. 18482.—To prepare plans and specifications for repairing the Pier at the foot of East Thirty-first street, East river. Plans and specifications were forwarded with a report on the order submitted January 22, 1898. (Work ordered to be done by Department labor.)

Secretary's Order No. 17796.—To prepare plans and specifications for a new pier, 100 feet wide to extend out to the modified pierhead line of 1897, at the foot of west Thirty-fourth street, North river. The plans and estimates for this work were completed and the report on the order submitted February 10, 1898. (Work ordered to be done by Department labor.)

Engineer's Order.—To prepare plans and specifications for paving between West Twenty-seventh and West Twenty-ninth streets, North river. The plans and specifications for this work were completed February 17, 1898. (Work ordered to be done under Treasurer's Order No. 19360 by John M. Sheehan.)

Secretary's Order No. 17818.—To make repairs to roofing of the building on Pier "A," North river. Work was completed on February 21, 1898, and report on Secretary's Order was submitted April 6, 1898. (Work done under Treasurer's Order No. 19296 by Thomas N. Nugent.)

Secretary's Order No. 17848.—To make the necessary changes in the lettering on the front of the building on Pier "A" to conform with the title of the Department under the new charter. This work was completed on February 26, 1898, and the report on the Secretary's Order was submitted April 4, 1898. (Work done under Treasurer's Order No. 19302 by H. H. Upham.)

Secretary's Order No. 17124.—To maintain a small-boat landing at Pier "A," North river, during the season of 1897. A report on this Secretary's Order was submitted April 6, 1898.

Secretary's Order No. 18050.—To prepare signs for Dock Masters' offices. These signs were prepared, and a report on the Secretary's Order was submitted April 22, 1898.

Engineer's Order.—To make repairs to the ceilings, side walls and woodwork in rooms Nos. 2, 4 and 6 on Pier "A," North river. This work was done by Thomas N. Nugent under Treasurer's Order No. 19296 and report submitted November 3, 1898.

Engineer's Order.—To repair the floors in rooms Nos. 2, 4 and 6 in the building on Pier "A," North river, with parquet flooring. This work was done by Henry P. Drew under Treasurer's Order No. 19691, and the report on the completion of the work was submitted November 16, 1898.

Secretary's Order No. 18765.—To prepare plans for a skeleton extension to Pier, new 29, North river. Plans and estimates for this work are in progress.

Secretary's Order No. 18642.—To prepare plans and estimates for a 40-ton derrick. The plans and estimates were finished and forwarded with a report on the order December 8, 1898.

Secretary's Order No. 18757.—To construct an additional room for office purposes in the record-room at Pier "A," North river, for the use of the collector. This work is in progress.

Engineer's Order.—To prepare plans for the Watts Street Section of the bulkhead-wall. These plans have been completed and are a modification of the standard bulkhead-wall of 1876.

*NEW PLANS FOR WATER FRONT IMPROVEMENT OR FOR CHANGE IN LINES.**Borough of Manhattan.*

Engineer's Order.—To prepare an amended new plan for readoption, extending from Whitehall boat slip to Montgomery street, East river. Map showing amended new plan was forwarded with a report on the order January 13, 1898. (No action taken.)

Engineer's Order.—To prepare a map showing change of lines for piers between Bloomfield and West Twenty-third streets, North river. This map was prepared in duplicate and forwarded with a report on the order January 13, 1898. (Determined by Board of Docks January 14, 1898, and approved by Commissioners of the Sinking Fund March 11, 1898.)

Engineer's Order.—To prepare a map showing substitute plan for a portion of the preceding between West Twenty-first and West Twenty-third streets, North river. This substitute plan was forwarded in duplicate on February 11, 1898. (No action taken.)

Engineer's Order.—To prepare maps for change in lines of Piers, new 30 and new 31, North river. These maps were prepared in duplicate and forwarded with a report on the order March 24, 1898. (Determined by Board of Docks March 25, 1898, and approved by the Commissioners of the Sinking Fund June 9, 1898.)

Secretary's Order No. 18336.—To prepare maps and technical description for a change in the location of the marginal street around and in the vicinity of Corlears Hook Park, East river. Maps with description forwarded with report August 1, 1898. (Determined by Board of Docks August 12, 1898. No action taken by the Commissioners of the Sinking Fund.)

Engineer's Order.—To prepare maps in duplicate showing proposed amendment to new plan of 1871, from Catharine slip to Montgomery street, East river. Maps forwarded with a report on the order submitted December 30, 1898. (No action yet taken.)

Engineer's Order.—To prepare maps and descriptions for changes in the lines of Piers, new 16 and new 17, North river, so as to incorporate present Piers, old 25 and old 27, within the new lines. Calculations for these maps are now in progress.

PLANS SUBMITTED BY PRIVATE PARTIES WITH APPLICATIONS FOR PERMITS EXAMINED AND REPORTED.

Borough of Manhattan.

Engineer's Order.—To examine and report on preliminary plans for College Point Ferry at East Ninety-ninth street, East river. Report approving plans submitted January 5, 1898.

Engineer's Order.—To examine and report on the pile foundations for the bulkhead shed of the Cunard Line, between Jane and Gansevoort streets, North river. Plans approved as amended and report submitted January 20, 1898.

Engineer's Order.—To examine and report on plans for a bulkhead shed between Piers, new 20 and new 21, North river, for the Erie Railway Company. Plans approved as amended and report submitted February 4, 1898.

Engineer's Order.—To examine and report on plans for a wharf drop to be used in connection with the Ellis Island Ferry at the Barge Office, East river. Report approving the plan submitted February 3, 1898.

Engineer's Order.—To examine and report on plans for a storm overflow proposed by the Department of Sewers at Pier, new 56, North river. Plans approved as amended and report submitted March 4, 1898.

Engineer's Order.—To examine and report on plans for a coal dock between East Eighty-second and East Eighty-third streets, East river, for G. Knoche. Report approving the plans submitted March 15, 1898.

Engineer's Order.—To examine and report on plans for pile foundations for a bulkhead shed between Bethune street and Jane street, North river, for the Wilson Line. Plans approved as amended and report submitted March 22, 1898.

Engineer's Order.—To examine and report on plans for shed extensions on Piers, new 20 and new 21, North river, for the Erie Railway Company. Plans approved as amended and report submitted March 18, 1898.

Engineer's Order.—To examine and report on plans for a crib-bulkhead between East Seventh and East Eighth streets, East river, for the Long Island Railroad Company. Plans approved as amended and report submitted March 22, 1898.

Engineer's Order.—To examine and report on plans for a bulkhead and pier shed to be erected at the Bethune street Pier by the Wilson Line. Plans approved as amended and report submitted April 6, 1898.

Engineer's Order.—To examine and report on plans for a pier shed to be erected upon the Pier at the foot of Jane street, North river, by the Cunard Line. Plans approved as amended and report submitted May 6, 1898.

Engineer's Order.—To examine and report on plans for a bulkhead shed to be erected between Jane and Gansevoort streets by the Cunard Line. Plans approved as amended and report submitted May 6, 1898.

Engineer's Order.—To examine and report on plans for a pier shed to be erected upon the Pier at the foot of Gansevoort street, North river, by the Cunard Line. Plans approved as amended and report submitted May 6, 1898.

Engineer's Order.—To examine and report on plans for a shed to be erected upon Pier, old 14, East river, by the Munson Steamship Line. Plans approved as amended and report submitted May 10, 1898.

Engineer's Order.—To examine and report on plans for a Fire Department building to be erected upon Pier, old 55, East river. Plans approved as amended and report submitted May 9, 1898.

Engineer's Order.—To examine and report on plans for an ash-bin for the New York Steam Company, to be erected upon the bulkhead between East Fifty-ninth and East Sixtieth streets, East river. Plans approved as amended and report submitted May 11, 1898.

Engineer's Order.—To examine and report on plans for a shed to be erected upon the Pier and bulkhead at the foot of Bank street, North river, for the White Star Line. Plans approved as amended and report submitted May 20, 1898.

Engineer's Order.—To examine and report on plans for an awning-frame in front of the ferry-house at Christopher street, North river. Plans approved as amended and report submitted May 20, 1898.

Engineer's Order.—To examine and report on plans for a wharf drop in the new Pier at Randall's Island, Harlem river, for the Manhattan State Hospital. Report approving the plans submitted June 1, 1898.

Engineer's Order.—To examine and report on plans for a shelter to be erected upon the Pier at the foot of East Thirty-first street, East river, by the Bridgeport Steamboat Company. Plans approved as amended and report submitted June 17, 1898.

Engineer's Order.—To examine and report on plans for an addition to the bulkhead shed at Pier, new 22, North river, for the Baltimore and Ohio Railroad Company. Plans approved as amended and report submitted June 22, 1898.

Engineer's Order.—To examine and report on plans for a pipe iron shelter to be erected upon the Pier at the foot of West Twentieth street, North river. Plans approved as amended and report submitted June 30, 1898.

Engineer's Report.—To examine and report on plans for a new power-house between East Ninety-fifth and East Ninety-sixth streets, East river, for the Metropolitan Street Railway Company. The structure proposed under the plan, not coming within the jurisdiction of the Department of Docks and Ferries, the order to examine same was rescinded.

Engineer's Order.—To examine and report on plans for extending Pier, old 27, North river, and for extending the shed thereon, for the New York Central and Hudson River Railroad Company. Report approving the plans submitted July 14, 1898.

Engineer's Order.—To examine and report on plans for bulkhead shed at West Eleventh and Bank streets, North river, for the White Star Steamship Company. Plans approved as amended and report submitted July 21, 1898.

Engineer's Order.—To examine and report on the plumbing plans for the bulkhead shed between Piers, new, 20 and new 21, North river, for the Erie Railway Company. Report approving the plans submitted July 26, 1898.

Engineer's Order.—To examine and report on plans for a derrick at West One Hundred and Thirty-fourth street, North river, for O'Brien, Sheehan & McBean. Report approving the plans submitted September 2, 1898.

Engineer's Order.—To examine and report on plans for the reconstruction and extension of the northerly ferry rack at Barclay Street Ferry. Report approving the plans submitted September 26, 1898.

Engineer's Order.—To examine and report on modified plans for the dumping-board erected on Pier, old 43, East river, by the Department of Street Cleaning. Report approving the plans submitted September 26, 1898.

Engineer's Order.—To examine and report on modified plans submitted by the Cunard Steamship Line for shed in process of erection on the Gansevoort street Pier, North river. Plans approved as amended and report submitted October 3, 1898.

Engineer's Order.—To examine and report on plans for repairing Pier, old 2, North river, for the Lehigh Valley Railroad Company. Plans approved as amended and report submitted October 8, 1898.

Engineer's Order.—To examine and report on plans for coal pockets and ash-bin for reinforcing the bulkhead, between East Ninety-fifth and East Ninety-sixth streets, East river. Plans approved as amended and report submitted October 20, 1898.

Engineer's Order.—To examine and report on plans for a platform to be erected between East Thirty-fifth and East Thirty-sixth streets, East river, by William P. Youngs. Plans approved as amended and report submitted November 3, 1898.

Engineer's Order.—To examine and report on plans for an addition to the dumping-board on West Forty-seventh street Pier, North river, submitted by the Department of Street Cleaning. Plans condemned and report submitted November 18, 1898.

Engineer's Order.—To examine and report on plans for storehouses to be erected by the Fire Department on Pier, old 55, East river, and on the Pier at the foot of East Ninety-sixth street, East river. Plans approved without amendment and report submitted December 9, 1898.

Engineer's Order.—To examine and report on plans for a temporary approach to Pier, old 41, North river. Plans approved without amendment and report submitted December 9, 1898.

Engineer's Order.—To examine and report on plans for a platform to be erected by E. E. Anderson between East Thirty-fifth and East Thirty-sixth streets, East river. Plans approved without amendment and report submitted December 13, 1898.

Borough of The Bronx.

Engineer's Order.—To examine and report on plans for the crib-bulkhead to be built between Cheever place and East One Hundred and Forty-fourth street, Harlem river, for Allen & Van Riper. Plans approved as amended and report submitted January 20, 1898.

Engineer's Order.—To examine and report on modified plan for a crib-bulkhead to be built between Cheever place and East One Hundred and Forty-fourth street, Harlem river, for Allen & Van Riper. Plans approved as amended and report submitted March 1, 1898.

Engineer's Order.—To examine and report on plans for a transfer bridge and cribwork in the vicinity of East One Hundred and Thirty-fifth street, Harlem river, for the Harlem Transfer Company. Plans approved without amendment and report submitted March 30, 1898.

Engineer's Order.—To examine and report on plans for a platform to be erected at the foot of Tiffany street, East river. Plans approved as amended and report submitted April 12, 1898.

Engineer's Order.—To examine and report on modified plans for a crib-bulkhead to be erected on the westerly shore of the Bronx river, near West Farms, by Olin J. Stevens. Plans approved as amended and report submitted September 26, 1898.

Engineer's Order.—To examine and report on plans for an additional shed to be built by the Gas-engine and Power Company at Morris Heights, Harlem river. Plans approved as amended and report submitted November 19, 1898.

Borough of Brooklyn.

Engineer's Order.—To examine and report on plans for recreation building on the Pier at North Second street, East river, for the former City of Brooklyn. Plans condemned and report submitted January 15, 1898.

Engineer's Order.—To examine and report on plans for a pier between North Second street and North Third street, East river, for the American Coffee Co. Plans approved as amended and report submitted February 3, 1898.

Engineer's Order.—To examine and report on plans and specifications for a platform to be built between Milton and Noble streets, East river, for the American Manufacturing Co. Plans approved as amended and report submitted March 4, 1898.

Engineer's Order.—To examine and report on the application of the Brooklyn Wharf and Warehouse Co., to widen and extend its pier. Report disapproving the application submitted April 1, 1898.

Engineer's Order.—To examine and report on plans for a pier and a shed to be erected upon the pier between Fortieth and Forty-first streets, South Brooklyn, by the Bush Company, Limited. Report disapproving the plan for a pier and condemning the plans for a shed submitted April 12, 1898.

Engineer's Order.—To examine and report on plans for repairing the bulkhead between Fortieth and Forty-first streets, South Brooklyn, by the Bush Company, Limited. Plans approved without amendment and report submitted April 16, 1898.

Engineer's Order.—To examine and report on the plans for rebuilding the bulkhead near the foot of Adams street by Messrs. Arbuckle Bros. Plans approved without amendment and report submitted April 16, 1898.

Engineer's Order.—To examine and report on amended plans for pier and shed to be erected between Fortieth and Forty-first streets, South Brooklyn, by the Bush Company, Limited. Plans approved as amended and report submitted May 16, 1898.

Engineer's Order.—To examine and report on plans for a breakwater to be erected at Seagate by the Atlantic Yacht Club. Plans approved without amendment and report submitted June 7, 1898.

Engineer's Order.—To examine and report on plans for a shed to be erected upon the Pier between North Second and North Third streets, East river, by the American Coffee Company. Plans approved as amended and report submitted September 20, 1898.

Engineer's Order.—To examine and report on plans for pile foundations for the shed and plans for platform to be erected between Fortieth and Forty-first streets, South Brooklyn, by the Bush Company, Limited. Plans approved as amended and report submitted September 20, 1898.

Engineer's Order.—To examine and report on plans for a jetty and for repairs to the bulkhead proposed by the Bolton Contracting Company at Avoca Villa. Plans approved without amendment and report submitted December 15, 1898.

Borough of Queens.

Engineer's Order.—To examine and report on plans and specifications for a crib-bulkhead between Bodine street and Harris avenue, East river, for Young & Metzner. Plans approved as amended and report submitted March 9, 1898.

Engineer's Order.—To examine and report on alterations to ferry-house for the East River Ferry Company at Astoria. Plans approved as amended and report submitted April 25, 1898.

Engineer's Order.—To examine and report on the application of Roe H. Smith & Co. for permit to build a crib-bulkhead near the foot of Perrot place, Astoria. Plans and applications approved as amended and report submitted June 29, 1898.

Borough of Richmond.

Engineer's Order.—To examine and report on plans for a pier to be built on the property of A. Kreusler at Tottenville, S. I. Plans approved as amended and report submitted February 8, 1898.

Engineer's Order.—To examine and report on plans for a pier extension at West Brighton to be built by Frank McWilliams, near Burgher avenue. Plans approved as amended and report submitted February 15, 1898.

Engineer's Order.—To examine and report on plans for a pier extension for the Jewett White Lead Company at Port Richmond, S. I. Plans approved as amended and report submitted December 8, 1898.

MISCELLANEOUS WORK UNDER SECRETARY'S OR OTHER ORDERS.

Borough of Manhattan.

Engineer's Order.—To prepare a map showing encroachments within the area of the new plan between Bloomfield and West Twenty-third streets, North river. Maps forwarded June 14, 1898.

Secretary's Order No. 17875.—To prepare maps in triplicate showing the wharf property used in connection with the ferry franchise operated by the ferries running from Roosevelt street, Borough of Manhattan, to Broadway, Borough of Brooklyn, and from Grand street, Borough of Manhattan, to Grand street, Borough of Brooklyn. Maps forwarded March 11, 1898.

Engineer's Order.—To prepare a map showing the bulkhead rights, etc., of the New Jersey Steamboat Company at Pier, old 41, North river. Map forwarded March 24, 1898.

Engineer's Order No. 18273.—To send a set of marginal maps to Howard C. Holmes, Chief Engineer of the State Harbor Commission, San Francisco, California. Maps forwarded May 19, 1898.

Secretary's Order No. 18025.—To prepare a set of maps in duplicate showing city property used for ferry purposes at James slip, Houston street, East Twenty-third and East Thirty-fourth streets, East river. Maps forwarded April 30, 1898.

Engineer's Order.—To compare copies of map Tompkins street for Assistant Corporation Counsel Charles Blandy. The maps were forwarded with the report on the order submitted August 2, 1898.

Engineer's Order.—To prepare blue-print copies of the standard water front maps of the East river water front for the Board of Public Improvements. These blue-prints were forwarded with a report on the order submitted August 29, 1898.

Additional plans have been prepared to accompany the regular set of plans for the new tug. The tools in use by the Department have been compiled, and a standard set of plans prepared for the same.

The borings and test piles along the North and East river water front are being compiled and systematized.

The plans for the different types of sea walls that have been built by the Department since 1870 have been reduced to a uniform scale and drawn in perspective, each type being drawn on a separate sheet, making 16 sheets of finished illustrations of the bulkhead-wall. Accompanying these plans are continuous profiles along the bulkhead-line for the East, North and Harlem rivers, covering the localities where the bulkhead-wall has been built, and showing the different stratifications of the river bottom through rock. Diagrams have also been prepared showing the location and character of ruptures in different portions of the bulkhead-wall. Accompanying this set of plans is a carefully prepared history of the construction of all the sections of the bulkhead-wall arranged in chronological order.

Borough of Brooklyn.

Secretary's Order No. 17875.—To prepare maps in triplicate showing wharf property used in connection with the ferry franchise by the ferries running from Broadway, in the Borough of Brooklyn, to Roosevelt street, in the Borough of Manhattan, and from Grand street, in the Borough of Brooklyn, to Grand street in the Borough of Manhattan. Maps forwarded March 11, 1898.

Engineer's Order.—To prepare maps in duplicate with technical description, showing the modified pierhead-line of Hamilton avenue to the Brooklyn Bridge, for adoption by the Commissioners of the Sinking Fund. Maps forwarded April 16, 1898.

Three sectional maps, on a scale of 300 feet to the inch, comprising the water front extending from Hamilton avenue to Newtown creek, have been completed, and are now being photolithographed. Four additional sections, extending from Hamilton avenue to Fort Hamilton, are in progress.

Borough of Queens.

Secretary's Order No. 18294.—To furnish blue-print copies of all water grants in the Borough of Queens to the Department of Taxes and Assessments. These blue-prints were forwarded, with a report on the order submitted, August 8, 1898.

A sectional marginal map, on a scale of 300 feet to the inch, comprising the water front extending from Newtown Creek to Pot Cove, has been completed, and is now being photolithographed.

MISCELLANEOUS MAPS, SUN PRINTS, ETC.

For the Borough of Manhattan.

Maps, plans and tracings, including standard maps and marginal maps.....	290
Blue-prints.....	1,640
White-prints.....	324

For the Borough of The Bronx.

Maps, plans and tracings, including standard maps.....	15
Blue-prints.....	39
White-prints.....	1

For the Borough of Brooklyn.

Maps, plans and tracings, including standard and marginal maps.....	105
Blue-prints.....	102
White-prints.....	85

For the Borough of Queens.

Maps, plans and tracings, including standard and marginal maps.....	22
Blue-prints.....	93
White-prints.....	23

For the Borough of Richmond.

Maps, plans and tracings, including standard maps.....	2
Blue-prints.....	5
White-prints.....	0

Making a total of 434 maps, 1,879 blue-prints and 433 white-prints, of which 7 maps, 164 blue-prints and 8 white-prints were made for other departments, or for outside parties. The balance were used in the course of the regular Department work.

The above work includes 61 new standard maps on a scale of 50 feet to the inch, comprising 23 in the boroughs of Manhattan and The Bronx, 36 in the boroughs of Brooklyn and Queens and 2 in the Borough of Richmond. The above work also includes 13 new marginal maps on a scale of 300 feet to the inch, covering the entire water front of the Borough of Manhattan; also 4 marginal maps covering the water front in the boroughs of Brooklyn and Queens, extending from Hamilton avenue to Pott Cove. These marginal maps of the Borough of Manhattan comprise also the water front in the Borough of The Bronx, on the Harlem river, extending from Brook avenue to the Hudson river at Spuyten Duyvil creek. The total mileage covered by these marginal maps represents:

38	miles of water front in the Borough of Manhattan.
5½	" " " " The Bronx.
3½	" " " " Brooklyn.
2½	" " " " Queens.

49½ miles.

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.
Miscellaneous maps for special information.
Records, filing, etc.
The work of the drafting-room during the year 1898 has been done with an average office force of eleven men.

Contracts under which Work has been Done.

No.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
556. Under New Plan.....	For furnishing granite stones for bulkhead or river wall. Dated December 19, 1896.....	Apr. 29, 1897	In progress....	{ Class I., H. and S., 95c. Class II., coping, \$1.10..	.....
552. General Repairs.....	For dredging on the East and Harlem rivers. Dated January 29, 1897.....	Mar. 11, 1897	In progress....	17 3/4 c. cubic yard .....	.....
570. 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....	19 1/2 c. cubic yard .....	.....
571. Under New Plan.....	For dredging between West Twelfth and Gansevoort streets, North river. Dated March 12, 1897.....	Apr. 5, 1897	.....	\$79,000 00 .....	.....
585.	For furnishing and delivering stationery and printed and lithographed forms, etc. Dated June 3, 1897	June 3, 1897	.....	{ Class I., \$1.250. Class II., \$1.373.55.....	.....
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 29, 1897	Dec. 9, 1897	\$8,883 00	\$8,683 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 20, 1897	Mar. 8, 1898	69,900 00	69,900 00
596. Under New Plan	For furnishing sawed yellow pine timber. Dated July 26, 1897.....	Aug. 19, 1897	June 3, 1898	18 35	110,102 72
599. Under New Plan.....	For cobble and rip-rap. Dated, Class I., September 13, 1897; Class II., August 10, 1897.....	Sept. 30, 1897	Jan. 22, 1898	84	12,455 52
600. Under New Plan.....	For preparing for and building a new Pier near the foot of Bank street, North river. Dated August 5, 1897.....	Aug. 12, 1897	Mar. 18, 1898	38	8,009 26
601. General Repairs and New Plan.....	For dredging north of Thirty-fourth street, North river. Dated August 12, 1897.....	Oct. 18, 1897	Aug. 4, 1898	98,910 00	98,910 00
602. General Repairs and under New Plan.....	For dredging between Battery and West Thirty-fourth street, North river. Dated August 18, 1897	Aug. 13, 1897	May 11, 1898	17 3/4	17,741 48
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 near the foot of Gansevoort street on the North river. Dated September 13, 1897.....	Aug. 24, 1897	Apr. 12, 1898	17 1/2	34,985 13
604. Construction under chapter 298, Laws of 1892	For preparing for and building a Recreation Structure on the Pier at the foot of East One Hundred and Twelfth street, H. R. Dated September 21, 1897	Sept. 20, 1897	June 16, 1898	66,650 00	66,650 00
605. Under New Plan	For preparing for and building a new Pier with appurtenances near the foot of East One Hundred and Twelfth street, H. R. Dated October 12, 1897.....	Mar. 4, 1898	Oct. 3, 1898	42,439 00	42,139 00
606. Under New Plan.....	For preparing for and building a new Pier at the foot of Jane street, N. R. Dated December 27, 1897	Oct. 20, 1897	Mar. 3, 1898	9,289 00	9,289 00
607. Under New Plan.....	For furnishing sawed yellow pine timber. Dated September 27, 1897.....	Dec. 28, 1897	Nov. 15, 1898	92,755 00	92,750 00
608. Under New Plan.....	For preparing for and building a new Pier near the foot of Bethune street, N. R. Dated October 26, 1897	Oct. 18, 1897	May 12, 1898	22 40	74,813 98
609. Construction under chapter 298, Laws of 1892	For furnishing, delivering and putting in place at the foot of East Twenty-fourth street, E. R., reflector, ice boxes, lunch counters, picket rails, laurel bands and beaded base mouldings. Dated, Classes I. and II., December 10, 1897, Class III., November 23, 1897.....	Oct. 27, 1897	Nov. 14, 1898	98,650 00	98,650 00
610. Under New Plan.....	For preparing for and repaving the newly-made land in the vicinity of Piers, new 22 and 23, N. R., with the existing granite or Staten Island syenite blocks, relaying crosswalks and altering the necessary drains and appurtenances. Dated October 29, 1897.....	Dec. 24, 1897	Feb. 18, 1898	925 00	1,125 00
611. General Repairs and not under New Plan	For preparing for and repairing and extending the Pier at the northerly end of Riker's Island, E. R. Dated November 13, 1897.....	Dec. 24, 1897	Feb. 18, 1898	300 00	1,017 87
612. Under New Plan.....	Filling in behind cribwork at Sherman's creek, H. R. Dated November 16, 1897.....	Nov. 3, 1897	Jan. 8, 1898	5,500 00	5,500 00
613. Not under New Plan.....	For preparing for and building a cribwork extension on top of the present cribwork at Riker's Island, E. R. Dated January 15, 1898.....	Nov. 20, 1897	Dec. 27, 1897	3,633 00	3,633 00
614. General Repairs and not under New Plan	For preparing for and repairing and extending the Pier at the foot of West One Hundred and Twenty-ninth street, N. R. Dated February 24, 1898.....	Nov. 27, 1897	Oct. 5, 1898	15,675 00	15,675 00
615. Construction under chapter 298, Laws of 1892	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 1, 1897.....	Jan. 19, 1898	Apr. 12, 1898	18,000 00	18,000 00
616. Under New Plan	For dredging at the Murray Street Section on the North river. Dated November 29, 1897	Mar. 5, 1898	Dec. 5, 1898	{ Class I., \$31.433..... Class II., 45 cents.....	40,957 25
617. Under New Plan.....	For furnishing sawed spruce timber. Dated December 22, 1897.....	Dec. 6, 1897	Feb. 17, 1898	18,998 00	18,948 00
618. Under New Plan.....	For furnishing and delivering about 700 tons anthracite coal. Dated November 15, 1897.....	Feb. 14, 1898	Mar. 14, 1898	{ Class I., 19 cents..... Class II., 92 cents..... \$19 for 9-inch; \$21 for others.....	7,764 01
619. Under New Plan.....	For dredging at sundry-named places on the North river. Dated May 24, 1898.....	Dec. 24, 1897	Apr. 25, 1898	.....	3,150 22
620. Construction under chapter 298, Laws of 1892	For inclosing Recreation Building on the Pier at the foot of East Third street, E. R., and preparing the building for a winter resort. Dated December 27, 1897.....	Dec. 4, 1897	Feb. 18, 1898	\$4 06	2,877 04
621. Construction under chapter 298, Laws of 1892	For preparing for and building a Recreation Structure on the Pier at the foot of West Fifth street, N. R. Dated March 11, 1898.....	Aug. 10, 1898	Nov. 15, 1898	19 7/8	62,159 04
622. Construction under chapter 298, Laws of 1892	For preparing for and building a Recreation Structure on Pier, new 43, N. R., near foot of Christopher street, N. R. Dated December 29, 1897.....	Dec. 30, 1897	Mar. 7, 1898	11,350 00	11,350 00
623. Under New Plan.....	For furnishing and putting in place small cobblestones and furnishing and putting in place rip-rap stone. Dated March 7, 1894.....	Aug. 22, 1898	In progress....	111,253 00 .....	.....
624. Under New Plan.....	For preparing for and extending Piers, new 20 and new 21, North river, near the foot of Duane street. Dated January 25, 1898.....	Jan. 4, 1898	July 1, 1898	72,865 00	72,865 00
625. Construction under chapter 298, Laws of 1892	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. Dated February 18, 1898.....	Class I., Mar. 26, 1898 Class II., Class III., No bid.	June 18, 1898	89	13,570 72
626. Under New Plan.....	For preparing for and building a new wooden Pier with appurtenances at the foot of East Fourth street, East river. Dated March 23, 1898.....	Feb. 2, 1898	June 11, 1898	24,875 00	24,875 00
627. General Repairs and under New Plan.....	For preparing for and repairing and extending the Pier at the foot of West Fifth street, North river. Dated February 26, 1898.....	.....	In progress....	60,322 00 .....	.....
628. Under New Plan.....	For furnishing and delivering about 700 tons of anthracite coal. Dated March 16, 1898.....	Apr. 4, 1898	June 30, 1898	10,446 00	10,446 00
629. General Repairs and New Plan.....	For dredging on the North river, between the Battery and West Thirty-fourth street, North river. Dated May 18, 1898.....	Mar. 2, 1898	Aug. 20, 1898	46,921 42	46,921 42
630. Not under New Plan.....	For preparing for and building a crib-bulkhead between West One Hundred and Thirty-fifth and One Hundred and Thirty-seventh streets, North river. Dated July 25, 1898.....	Mar. 26, 1898	June 4, 1898	3 93	2,731 61
631. Construction under chapter 298, Laws of 1892	For preparing for and for completing the Recreation Building at the foot of North Second street, East river, Brooklyn. Never let.....	July 6, 1898	In progress....	17 1/2 .....	.....
632. Under New Plan.....	For dredging at the Barclay Street Section extended and at the Park Place Section, North river. Dated June 2, 1898.....	Aug. 8, 1898	Dec. 16, 1898	20,750 00	20,650 00
633. General Repairs and under New Plan	For dredging north of West Thirty-fourth street, on the North river. Dated July 1, 1898.....	Oct. 6, 1898	In progress....	{ Class I., mud, 18 cen's. Class II., crib, 40 cents.....	.....
634. Under New Plan.....	For furnishing and delivering about 700 tons of anthracite coal. Dated June 27, 1898.....	July 8, 1898	Oct. 14, 1898	14 3/4 cents.....	14,735 55
635. Under New Plan.....	For furnishing granite stones for bulkhead or river wall. Dated August 10, 1898	July 27, 1898	Dec. 8, 1898	\$3 87	2,830 54
636. Under New Plan.....	For furnishing sawed yellow pine timber. Dated August 8, 1898	Sept. 17, 1898	In progress....	94 1/2 .....	.....
637. Under New Plan.....	For dredging at the Watts Street Section, North river. Dated August 10, 1898	Sept. 29, 1898	In progress....	15 59 .....	.....
638. General Repairs and under New Plan	For dredging north of West Thirty-fourth street on the North river. Dated October 12, 1898	Sept. 12, 1898	Oct. 6, 1898	{ Class I., mud, 18 cents..... Class II., crib, \$1.....	6,856 28
639. Under New Plan.....	For preparing for and building a new Pier at the foot of Watts street, North river. Dated September 9, 1898	Nov. 3, 1898	In progress....	\$0 11 3/4 .....	.....
640. Under New Plan.....	For furnishing granite stones for bulkhead or river wall. Dated December 12, 1898.....	Oct. 7, 1898	In progress....	{ Class I., Pier, \$38.820 .. Class II., piles, \$2,650 .. Class III., rip-rap, 38 cents.....	.....
641. Under New Plan.....	For furnishing yellow pine timber. Dated December 12, 1898.....	.....	In progress....	{ Class I., H. and S., 89 cents..... Class II., coping, \$1.19.....	.....
642. Under New Plan.....	For furnishing and delivering about 4,000 piles. Dated December 20, 1898.....	.....	In progress....	\$15 93 .....	.....
643. General Repairs.....	For furnishing sawed spruce plank. Not awarded.....	.....	.....	{ Class I., \$18..... Class II., \$15 .....	.....
646. Under New Plan.....	For furnishing and delivering about 700 tons of anthracite coal. Dated December 29, 1898.....	.....	In progress....	{ Class III., \$12.50.....	.....
Wallabout Improvement.....	For dredging in the Wallabout Basin. Dated September 17, 1897.....	Jan. 3, 1898	Mar. 2, 1898	\$3 88	8,236 39
Wallabout Improvement.....	For preparing for and building a bulkhead-wall, with appurtenances, along the east side of the Wallabout Basin. Dated December 9, 1897	Jan. 8, 1898	In progress....	Schedule of prices....	.....

FORMS OF CONTRACTS AND SPECIFICATIONS PREPARED AND SUBMITTED TO THE BOARD.

Engineer's Order.—For furnishing and delivering about 700 tons Anthracite Coal. Submitted January 15, 1898, and advertised as Contract No. 628.

Engineer's Order.—For Rip-rap. Submitted March 3, 1898 and never advertised.

Engineer's Order.—For dredging on the North river between the Battery and West Thirty-fourth street, North river. Submitted March 7, 1898, and advertised as Contract No. 629.

Secretary's Order No. 17945.—For preparing for and building a crib-bulkhead between West One Hundred and Thirty-fifth and West One Hundred and Thirty-seventh streets, North river. Submitted March 9, 1898, and advertised as Contract No. 630.

Secretary's Order No. 17782.—For building Pier at Fordham road, Harlem river. Submitted March 19, 1898, but never advertised.

Engineer's Order.—For paving in the vicinity of Piers, new 55, 56 and 57, North river. Submitted March 26, 1898, and advertised as Contract No. 631, but work done under Treasurer's order.

Engineer's Order.—For building a new steel Tug. Submitted March 25, 1898. Work to be done under Treasurer's order.

Engineer's Order.—For dredging at the Barclay Street Section extended, and at the Park Place Section. Submitted April 5, 1898, and advertised as Contract No. 632.

Engineer's Order.—For dredging north of West Thirty-fourth street on the North river. Submitted April 15, 1898, and advertised as Contract No. 633.

Engineer's Order.—For furnishing and delivering about 700 tons Anthracite Coal. Submitted May 20, 1898, and advertised as Contract No. 634.

Engineer's Order.—For furnishing Granite stone for bulkhead or river wall. Submitted June 2, 1898, and advertised as Contract No. 635.

Engineer's Order.—For furnishing Sawed Yellow Pine Timber. Submitted June 17, 1898, and advertised as Contract No. 636.

Engineer's Order.—For dredging at the Watts Street Section on North river. Submitted June 27, 1898, and advertised as Contract No. 637.

Secretary's Order No. 18251.—For completing the Recreation Building at the foot of North Second street, Borough of Brooklyn. Submitted July 22, 1898, and advertised as Contract No. 631, but never let.

Engineer's Order.—For building Pier, new 31, North river, near the foot of Watts street. Submitted July 29, 1898, and advertised as Contract No. 639.

Engineer's Order.—For paving in the rear of the bulkhead-wall between Perry and Gansevoort streets, North river. Submitted July 29, 1898, but never advertised. Work to be done under Treasurer's order.

Engineer's Order.—For dredging north of Thirty-fourth street, North river. Submitted September 3, 1898, and advertised as Contract No. 638.

Engineer's Order.—For furnishing Granite stone for bulkhead or river wall. Submitted October 21, 1898, and advertised as Contract No. 640.

Engineer's Order.—For furnishing Yellow Pine Timber. Submitted November 1, 1898, and advertised as Contract No. 641.

Secretary's Order No. 18646.—For furnishing and delivering about 4,000 Piles. Submitted November 23, 1898, and advertised as Contract No. 642.

Secretary's Order No. 18646.—For furnishing Sawed Spruce Plank. Submitted November 23, 1898, and advertised as Contract No. 643, but never let.

Engineer's Order.—For dredging in the vicinity of Catharine street, East river, near the site of Pier, old 35. Submitted November 23, 1898, and advertised as Contract No. 644.

Secretary's Order No. 18641.—For preparing for and building a new wooden Pier at the foot of Catharine street, East river. Submitted November 30, 1898, and advertised as Contract No. 645.

Engineer's Order.—For furnishing and delivering about 700 tons of Anthracite Coal. Submitted November 30, 1898, and advertised as Contract No. 646.

Engineer's Order.—For dredging on the East and Harlem rivers. Submitted December 6, 1898, and advertised as Contract No. 647.

Dredging Done by the Department of Docks and Ferries for the Year Ending December 31, 1898.

LOCATION.	MONTH.	CUBIC YARDS.			MISCELLANEOUS.	DEPTH IN FEET, MEAN LOW WATER.	CONTRACT NUMBER OR TREASURER'S ORDER NUMBER.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.	PRICE.	AMOUNT.
		Mud.	Filled with Stone.	Crib not Filled with Stone.									
Pier, new 14 (south side), N. R.	July, 1898	6,025	.....	.....	.....	32	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	July 12, 1898	Nov. 1, 1898	17 1/2	\$5,044 93
	Aug., "	23,156	.....	.....	.....	32	629						
	Nov., "	150	.....	.....	.....	32	629						
Pier, new 15 (south side), N. R.	July, "	7,975	.....	.....	.....	32	629			July 8, 1898			3,624 90
	Aug., "	9,202	.....	.....	.....	32	629						
	Oct., "	2,698	.....	.....	.....	32	629						
	Nov., "	1,200	.....	.....	.....	32	629						
	Oct., "	3,802	.....	.....	.....	35	629			Oct. 17, 1898	Oct. 21, "	17 1/2	653 94
Barclay Street Section (extended), N. R.	"	10,574	.....	.....	.....	35	632	Res. of Board, May 13, 1898..	E. S. Walsh.	" 6, "	Temporarily Suspended.	18	1,903 32
Park Place Section, N. R.	Apr., "	7,347	.....	.....	.....	35	602	Res. of Board, July 22, 1897..	P. Sanford Ross.	Apr. 4, "	Apr. 12, 1898	17 1/2	1,285 73
Murray Street Section, N. R. (bulkhead-wall).	Feb., "	21,519	.....	.....	.....	35	616	Res. of Board, Oct. 25, 1897..	R. G. Packard.	Feb. 14, "		19	4,088 61
	Mar., "	3,995	.....	.....	.....	35	616				Mar. 14, 1898	22	3,675 40
Watts Street Section, N. R.	Oct., "	11,946	4,706	.....	.....	35	637	Res. of Board, July 1, 1898..	James A. Steers.	Sept. 12, 1898	Oct. 6, "	18	2,150 28
						35	637					100	4,706 00
Pier, new 31, N. R.	Aug., "	15,482	.....	.....	.....	25	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	Aug. 23, "		17 1/2	5,199 39
	Sept., "	14,747	.....	.....	.....	32	629				Sept. 10, 1898	17 1/2	5,199 39
Pier, new 38, N. R. (south side)	July, "	13,004	.....	.....	.....	32	629			July 6, 1898	July 11, "	17 1/2	5,199 39
Bulkhead between Piers, new 44 and 45, N. R.	Sept., "	34	.....	.....	.....	15	629			Aug. 31, "	Sept. 1, "	17 1/2	5 85
Pier, new 47, N. R. (north side)	July, "	652	.....	.....	.....	25	629			July 19, "	July 19, "	17 1/2	112 14
Gansevoort Street Section, N. R., site of old 54	Jan., "	11,497	.....	.....	.....	30	602	Res. of Board, July 22, 1898..	P. Sanford Ross.	Jan. 8, "	Jan. 14, "	17 1/2	2,011 97
Pier at West Eleventh street, N. R.	Aug., "	85,785	.....	.....	.....	35	619	Res. of Board, Oct. 28, 1897..	Morris & Cumings Dredging Co.	Aug. 10, "	Sept. 10, 1898	19 1/2	19,267 18
	Sept., "	11,035	.....	.....	.....	35	619						
West Eleventh street.	"	.....	.....	.....	257 yards cobble	35	19662	Secretary's Order No. 18474..	Morris & Cumings Dredging Co.	Sept. 25, 1898	" 25, "	20	51 40
Pier at Bank street, N. R.	Aug., "	6,164	.....	.....	.....	35	619	Res. of Board, Oct. 28, 1897..	Morris & Cumings Dredging Co.	Aug. 30, "		19 1/2	12,833 31
	Sept., "	58,325	.....	.....	.....	35	619				Sept. 26, 1898	19 1/2	12,833 31
Pier at Bethune street, N. R.	Oct., "	37,597	.....	.....	.....	35	619			Oct. 18, 1898		19 1/2	12,833 31
	Nov., "	18,909	.....	.....	.....	35	619				Nov. 15, 1898	19 1/2	12,833 31
Pier at Jane street, N. R.	Sept., "	15,509	.....	.....	.....	35	619			Sept. 27, 1898		19 1/2	14,065 52
	Oct., "	55,172	.....	.....	.....	35	619			Oct. 20, 1898		19 1/2	14,065 52
Pier at Gansevoort street, N. R.	Sept., "	18,907	.....	.....	.....	35	619			Sept. 21, 1898	Oct. 6, 1898	19 1/2	4,748 34
	Oct., "	4,954	.....	.....	.....	35	619						
Pier, old 57, N. R. (oyster basin)	Dec., "	1,162	.....	.....	.....	12	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	Dec. 31, 1898	In progress.	17 1/2	199 86
Bulkhead between Piers, old 58 and 58 1/2, N. R.	Apr., "	1,429	.....	.....	.....	15	602	Res. of Board, July 22, 1897..	P. Sanford Ross.	Apr. 2, "	Apr. 2, 1898	17 1/2	250 08
*Dump at West Nineteenth street, N. R.	Nov., "	1,597	.....	.....	.....	15	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	Nov. 8, "	Nov. 9, "	17 1/2	274 68
Pier at West Twentieth street (south side)	July, "	5,628	.....	.....	.....	15	629			July 12, "	July 16, "	17 1/2	968 02
Pier, new 57, N. R.	Mar., "	17,994	.....	.....	.....	25	602	Res. of Board, July 22, 1897..	P. Sanford Ross.	Mar. 7, "	Apr. 2, 1898	17 1/2	3,638 73
	Apr., "	2,913	.....	.....	.....	25	602						
Pier, new 57, N. R. (south side)	Nov., "	3,114	.....	.....	.....	25	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	Nov. 29, 1898	Dec. 5, 1898	17 1/2	1,759 73
	Dec., "	7,117	.....	.....	.....	25	629						
Pier, new 58, N. R.	Mar., "	28,946	.....	.....	.....	S.S. 25 N.S. 30	602	Res. of Board, July 22, 1898..	P. Sanford Ross.	Mar. 2, 1898	Apr. 4, 1898	17 1/2	5,955 43
	Apr., "	5,085	.....	.....	.....	25	602						
	Mar., "	14,877	.....	.....	.....	30	602			Mar. 12, 1898	Mar. 19, "	17 1/2	2,603 48
Pier, new 59, N. R. (south side)	July, "	10,809	.....	.....	.....	27	629	Res. of Board, Mar. 11, 1898..	Atlantic Dredging Co.	July 15, "	July 27, "	17 1/2	1,859 15
Bulkhead between Piers, new 59 and 60, N. R.	"	627	.....	.....	.....	15	629			" 26, "	" 27, "	17 1/2	107 84
Pier, new 60, N. R. (south side)	"	7,852	.....	.....	.....	27	629			" 19, "	" 23, "	17 1/2	1,350 54
Pier at West Thirty-fourth street, N. R. (south side)	Dec., "	26,163	.....	.....	.....	25	629			Dec. 6, "	Dec. 29, "	17 1/2	4,500 04
Pier at West Thirty-fourth street, N. R. (north side)	Nov., "	27,558	.....	.....	.....	25	638			Nov. 3, "	Nov. 23, "	11 1/4	3,238 07
Pier at West Thirty-seventh street, N. R. (north side)	July, "	3,312	.....	.....	.....	15	633	Res. of Board, April 15, 1898..	International Contracting Co.	July 22, "	Aug. 2, 1898	14 1/4	817 30
	Aug., "	2,229	.....	.....	.....	15	633						
Pier at West Thirty-eighth street, N. R. (south side)	July, "	8,437	.....	.....	.....	15	633			July 22, 1898	July 29, "	14 1/4	1,244 46
Bulkhead between West Forty-third and Forty-fourth streets, N. R.	"	2,557	.....	.....	.....	12-15	633			" 23, "	" 26, "	14 1/4	377 16
Pier foot of West Forty-fifth street, N. R. (north side)	Apr., "	6,672	.....	.....	.....	15	601	Res. of Board, July 12, 1898..	Charles DuBois.	Apr. 27, "	May 5, 1898	17 1/2	2,775 21
	May, "	8,963	.....	.....	.....	15	601						
Pier at West Forty-sixth street, N. R.	July, "	22,555	.....	.....	.....	20	633	Res. of Board, April 15, 1898..	International Contracting Co.	July 8, 1898	July 23, "	14 1/4	3,326 86
*Dump at West Forty-seventh street, N. R.	Jan., "	1,216	.....	.....	.....	15	601	Res. of Board, July 12, 1897..	Charles DuBois.	Jan. 16, "	Jan. 16, "	17 1/2	215 84
*Dump at West Forty-seventh street, N. R.	Oct., "	2,447	.....	.....	.....	15	633	Res. of Board, April 15, 1898..	International Contracting Co.	Oct. 13, "	Oct. 14, "	14 1/4	360 93
Pier at West Forty-eighth street, N. R.	Dec., "	1,242	.....	.....	.....	15	629	Res. of Board, Mar. 12, 1898..	Atlantic Dredging Co.	Dec. 31, "	In progress.	17 1/2	213 62
Pier at West Fifty-first street, N. R. (north side)	Sept., "	509	.....	.....	.....	15	633	Res. of Board, April 15, 1898..	International Contracting Co.	Sept. 30, "	Oct. 5, 1898	14 1/4	1,133 54
Bulkhead between Fifty-first and Fifty-second streets, N. R.	"	1,560	.....	.....	.....	15	633			Oct. 4, 1898	" 5, "	14 1/4	230 10
Pier at West Fifty-second street, N. R. (north side)	Sept., "	12,406	.....	.....	.....	15	633			Sept. 26, "		14 1/4	3,607 41
	Oct., "	12,051	.....	.....	.....	15	633			Oct. 11, 1898		14 1/4	3,607 41
Bulkhead between West Fifty-second and West Fifty-third streets, N. R.	"	2,265	.....	.....	.....	15	633			Oct. 11, 1898	" 11, "	14 1/4	334 09
Pier at West Fifty-fourth street, N. R. (north side)	Sept., "	7,128	.....	.....	.....	15	633			Sept. 14, "	Sept. 19, "	14 1/4	1,051 38
Bulkhead between Fifty-fourth and Fifty-fifth streets, N. R.	"	1,247	.....	.....	.....	15	633			" 22, "	" 24, "	14 1/4	183 93
Pier at West Fifty-fifth street, N. R. (south side)	"	10,530	.....	.....	.....	15	633			" 19, "	" 23, "	14 1/4	1,553 18
Bulkhead between Fifty-sixth and Fifty-seventh streets, N. R.	Dec., "	1,924	.....	.....	.....	15	638	Res. of Board, Mar. 11, 1898..	E. S. Walsh.	Dec. 5, "	Dec. 19, "	11 1/4	226 07
Pier at West Fifty-seventh street, N. R.	"	29,726	.....	.....	.....	15	638			" 1, "	" 14, "	12 1/4	2,670 31
Bulkhead between Fifty-seventh and Fifty-eighth streets, N. R.	"	1,558	.....	.....	.....	15	638			" 12, "	" 19, "	11 1/4	183 07
	Oct., "	3,086	.....	.....	.....	12	633	Res. of Board, April 15, 1898..	International Contracting Co.	Oct. 11, "	Oct. 14, "	14 1/4	455 19
Pier at West Fifty-eighth street, N. R. (south side)	"	3,195	.....	.....	.....	12	19708			" 14, "	" 17, "	14 1/4	471 26
	Dec., "	5,961	.....	.....	.....	15	638	Res. of Board, Mar. 11, 1898..	E. S. Walsh.	Dec. 15, "	Dec. 17, "	11 1/4	700 42
Bulkhead at Seventy-seventh street, N. R.	Jan., "	571	.....	.....	.....	15	601	Res. of Board, July 12, 1897..	Charles DuBois.	Jan. 8, "	Jan. 10, "	17 1/2	101 35
	"	6,082	.....	.....	.....	15	601			" 6, "	" 11, "	17 1/2	1,079 56
†Bulkhead between Seventy-seventh and Seventy-eighth streets, N. R.	Nov., "	938	.....	.....	.....	15	638	Res. of Board, Mar. 11, 1898..	E. S. Walsh.	Nov. 25, "	Nov. 26, "	11 1/4	110 21
Bulkhead at Seventy-eighth street, N. R.	Jan., "	1,113	.....	.....	.....	15	601	Res. of Board, July 12, 1897..	Charles DuBois.	Jan. 6, "	Jan. 6, "	17 1/2	197 56
Bulkhead between Seventy-eighth and Seventy-ninth streets, N. R.	"	2,197	.....	.....	.....	15	601			Dec. 30, 1897	" 4, "	17 1/2	389 97
Pier at Seventy-ninth street, N. R.	"	3,470	.....	.....	.....	15	601			Jan. 4, 1898	" 17, "	17 1/2	615 93
Bulkhead between Seventy-ninth and Eightieth streets, N. R.	"	3,777	.....	.....	.....	15	601			" 12, "	" 15, "	17 1/2	670 42

LOCATION.	MONTH.	CUBIC YARDS.			MISCELLANEOUS.	DEPTH IN FEET, MEAN LOW WATER.	CONTRACT NUMBER OR TREASURER'S ORDER NUMBER.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.	PRICE.	AMOUNT.
		Mud.	Filled with Stone.	Crib not Filled with Stone.									
Bulkhead at Eightieth street, N. R.	Jan., 1898	1,816	.....	.....	.....	15	601	Res. of Board, July 12, 1897..	Charles Du Bois.....	Jan. 11, 1898	Jan. 12, 1898	17 3/4	\$322 34
Bulkhead at Ninety-sixth street, N. R.	Feb., "	399	.....	.....	.....	15	601	" " "	" " "	Feb. 20, "	Feb. 20, "	17 3/4	70 82
Bulkhead at Ninety-sixth street, N. R.	Sept., "	407	.....	.....	.....	15	633	Res. of Board, April 15, 1898..	International Contracting Co.	Sept. 24, "	Sept. 24, "	14 3/4	60 03
Pier at One Hundred and Thirty-first street, N. R. (north side).	Feb., "	1,613	.....	.....	.....	15	601	Res. of Board, July 12, 1897..	Charles Dubois.....	Feb. 18, "	Feb. 24, "	17 3/4	286 31
Bulkhead between One Hundred and Thirty-first and One Hundred and Thirty-second streets, N. R.	" "	2,061	.....	.....	.....	15	601	" " "	" " "	" 17, "	" 24, "	17 3/4	365 83
Pier at One Hundred and Thirty-second street, N. R.	" "	4,431	.....	.....	.....	15	601	" " "	" " "	" 16, "	" 26, "	17 3/4	786 50
Site of crib-bulkhead One Hundred and Thirty-fifth to One Hundred and Thirty-seventh street, N. R.	Apr., "	17,226	.....	.....	.....	20	601	" " "	" " "	Apr. 8, "	Apr. 26, "	17 3/4	3,057 62
Pier at West One Hundred and Fifty-eighth street, N. R. (south side).	Dec., "	926	.....	.....	.....	12	638	Res. of Board, Mar. 11, 1898..	E. S. Walsh.....	Dec. 27, "	Dec. 30, "	11 3/4	108 81
† Pier 19, E. R. (west side).	" "	562	.....	.....	.....	25	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	" 8, "	" 8, "	17 3/4	97 65
Pier, new 29, E. R.	Oct., "	1,944	.....	.....	.....	20	562	" " "	" " "	Oct. 12, "	.....	17 3/4	648 09
Pier 35, E. R.	Dec., "	1,786	.....	.....	.....	20	562	" " "	" " "	Dec. 20, 1898	.....	17 3/4	.....
* Dump at Pier 44, E. R.	Jan., "	9,148	.....	.....	.....	20-23	562	" " "	" " "	Jan. 11, 1898	Jan. 22, "	17 3/4	1,589 47
* Dump at Pier 44, E. R.	Feb., "	772	.....	.....	.....	15	562	" " "	" " "	Feb. 16, "	Feb. 17, "	17 3/4	134 14
Pier 48, E. R. (west side).	" "	4,870	.....	.....	.....	25	562	" " "	" " "	" 11, "	" 15, "	17 3/4	846 16
Foot of Delancey street, E. R.	Jan., "	427	.....	.....	.....	12	562	" " "	" " "	Jan. 27, "	Jan. 27, "	17 3/4	74 19
Pier at Fifth street, E. R.	Mar., "	12,636	.....	.....	.....	15	562	" " "	" " "	Mar. 22, "	Mar. 31, "	17 3/4	2,195 51
Pier at East Twenty-fourth street, E. R. (north side).	Dec., "	2,864	.....	.....	.....	20	562	" " "	" " "	Dec. 27, "	In progress.	17 3/4	497 62
Pier at East Twenty-fifth street, E. R. (south side).	" "	6,605	.....	.....	.....	20	562	" " "	" " "	" 8, "	" "	17 3/4	1,147 62
* Dump at Thirty-eighth street, E. R.	Jan., "	684	.....	.....	.....	15	562	" " "	" " "	Jan. 1, "	Jan. 21, 1898	17 3/4	118 85
* Dump-board at East Forty-sixth street, E. R. (north side).	Nov., "	306	.....	.....	.....	15	562	" " "	" " "	Nov. 5, "	Nov. 5, "	17 3/4	53 17
* Dump-board at East Forty-sixth street, E. R. (north side).	Dec., "	351	.....	.....	.....	15	562	" " "	" " "	Dec. 19, "	Temporarily suspended	17 3/4	60 99
Pier at East Forty-sixth street, E. R. (north side).	Nov., "	772	.....	.....	.....	15	562	" " "	" " "	Nov. 11, "	Nov. 11, 1898	17 3/4	134 14
Bulkhead at East Forty-seventh street, E. R.	" "	327	.....	.....	.....	15	562	" " "	" " "	" 4, "	" 4, "	17 3/4	56 82
* Dumping-board at East Eightieth street, E. R.	Dec., "	360	.....	.....	.....	15	562	" " "	" " "	Dec. 18, "	Dec. 18, "	17 3/4	62 55
* Dump at East Eightieth street, E. R.	Oct., "	311	.....	.....	.....	15	562	" " "	" " "	Oct. 8, "	Oct. 10, "	17 3/4	54 04
* Dump at Eightieth street, E. R.	Jan., "	75	.....	.....	.....	15	562	" " "	" " "	Dec. 31, 1897	Jan. 20, "	17 3/4	13 03
Pier at Eighty-sixth street, E. R. (south side).	Mar., "	37	.....	.....	.....	10	562	" " "	" " "	Mar. 12, 1898	Mar. 14, "	17 3/4	6 43
Slip between piers at Eighty-sixth street, E. R.	" "	266	.....	.....	.....	10	119323	Secretary's Order No. 17997..	" " "	" 14, "	" 21, "	60	159 60
Bulkhead at One Hundred and First street, H. R.	Feb., "	488	.....	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	" " "	Feb. 8, "	Feb. 8, "	17 3/4	84 79
Bulkhead between One Hundred and First and One Hundred and Second streets, H. R.	" "	824	.....	.....	.....	12	562	" " "	" " "	" 8, "	" 10, "	17 3/4	143 17
Bulkhead at One Hundred and Second street, H. R.	" "	140	.....	.....	.....	12	562	" " "	" " "	" 10, "	" 10, "	17 3/4	24 33
Bulkhead between One Hundred and Second and One Hundred and Third streets, H. R.	" "	587	.....	.....	.....	12	562	" " "	" " "	" 10, "	" 10, "	17 3/4	101 99
Bulkhead at One Hundred and Third street, H. R.	" "	154	.....	.....	.....	12	562	" " "	" " "	" 10, "	" 10, "	17 3/4	26 76
Bulkhead foot of East One Hundred and Fifth street, H. R.	Nov., "	910	.....	.....	.....	12	562	" " "	" " "	Nov. 2, "	Nov. 3, "	17 3/4	158 11
* Dump-board at Lincoln avenue, H. R.	Apr., "	585	.....	.....	.....	15	570	Res. of Board, Jan. 28, 1898..	Charles Du Bois.....	Apr. 19, "	Apr. 19, "	19 3/4	116 61
Bulkhead at One Hundred and Thirty-sixth street, H. R.	" "	774	.....	.....	.....	10	570	" " "	" " "	" 4, "	" 4, "	19 3/4	154 03
Bulkhead at One Hundred and Thirty-seventh street, H. R.	" "	771	.....	.....	.....	10	570	" " "	" " "	" 4, "	" 5, "	19 3/4	153 43
* Bulkhead north of Bridge Tower, Borough of Brooklyn.	" "	343	.....	.....	.....	9-14	119403	.....	Morris & Cumings Dredging Co	" 14, "	" 14, "	30	102 90
West Forty-sixth street, N. R. (1/2 slip north).	May, "	11,984	.....	.....	.....	20	601	Res. of Board, July 12, 1897..	Charles Du Bois.....	May 5, "	May 11, "	17 3/4	2,127 16
* East Seventeenth street, dump-board.	" "	2,199	.....	.....	.....	15	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	" 26, "	" 30, "	17 3/4	382 08
* Dump at Gold street, Borough of Brooklyn.	Jan., "	548	.....	.....	.....	14	119289	.....	James Du Bois.....	Jan. 30, "	Jan. 31, "	.....	125 00
Totals..		901,628	8,701	.....	257 yards cobble						Total.....		\$167,640 26

NOTE.—Places marked (*) show where work has been done for other departments.

Places marked thus (†) show where work has been done at the cost and expense of owners to the following extent, viz.: Bulkhead between West Seventy-seventh and Seventy-eighth streets, North river, 585 yards; Pier 19, East River (west side), 562 yards; Dump at East Eightieth street, East river, 252 yards; and at West Eleventh street, North river, 257 yards of cobble.

Places marked thus (‡) show Treasurer's Order Number.

Statement of Dredging Done by Lessees, Private Parties and Others, Under Order or Permit from the Board of Docks.

LOCATION.	DEPTH.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.
Pier, old 6, N. R.	Feet. 15 to 20	Permit....	N. Y. Steam Company..	Nov. 5, 1898	Dec. 31, 1898
Dump at Canal street, N. R.	9 to 20	Order....	Brown & Fleming.....	July 10, "	July 10, "
Piers, new 54 and 55, N. R.	25	Order....	Henderson Bros. and Atlas Steamship Co....	May 21, "	June 20, "
Pier, new 55, N. R. (north side).	18 to 22	Permit....	Atlas Steamship Co....	" 31, "	" 13, "
Bulkhead between Forty-second and Forty-third streets, N. R.	7 to 9	Order....	Metropolitan Street Rail- way Co.....	July 12, "	July 16, "
Bulkhead between Forty-sixth and Forty-seventh streets, N. R.	8 to 12	Permit....	Robert Gordon & Son...	May 12, "	May 12, "
Dump at West Fifty-fifth street, N. R.	25	"	Brown & Fleming.....	Jan. 23, "	Jan. 23, "
Bulkhead between Ninety-sixth and Ninety-seventh streets, N. R.	15	"	Sheridan & Shea Co....	Mar. 6, "	Mar. 7, "
Bulkhead at One Hundred and Thirtieth street, N. R.	7 to 10	Order....	Riverside and Fort Lee Ferry Co.....	Feb. 27, "	Feb. 28, "
Piers 3 and 4, E. R.	15	Permit....	E. A. Cruikshank.....	Jan. 24, "	Jan. 29, "
Piers 12 and 13, E. R.	25 to 30	"	William Cruikshank's Sons	Sept. 5, "	Sept. 14, "
Piers 13 and 14, E. R.	25	"	"	Feb. 14, "	Mar. 8, "
Piers 14 and 15, E. R.	25	"	"	Jan. 20, "	Feb. 14, "
Piers 16 and 17, E. R.	25	"	R. G. & J. S. Packard...	July 25, "	Aug. 8, "
Pier 52 (east side), E. R.	26	"	James Tregarthen Son & Co.....	Apr. 2, "	Apr. 5, "
Dump at Jackson street, E. R.	15	"	Brown & Fleming.....	May 8, "	May 8, "
Bulkhead between Twenty-eighth and Twenty-ninth streets, E. R.	22	"	Mark Goodwin.....	Oct. 5, "	Oct. 5, "
Bulkhead at Thirtieth street, E. R.	18 to 20	"	William Hastdorf.....	Apr. 11, "	Apr. 12, "
Pier at Seventh street, E. R.	20 to 25	"	Morgan & McGovern...	Mar. 3, "	Mar. 10, "
East Eleventh to Thirteenth street, E. R.	15	"	Mutual Gas Light Co....	Feb. 28, "	" 8, "
East Thirtieth to Fourteenth street, E. R.	12	"	John Rheinfrank & Co...	" 25, "	" 7, "
Dump at Twenty-ninth street, E. R.	17 to 20	"	Mark Goodwin.....	Jan. 23, "	Jan. 23, "

LOCATION.	DEPTH.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.
Bulkhead between Forty-sixth and Forty-seventh streets, E. R.	Feet. 10	Permit....	Kane & Wright.....	Nov. 4, 1898	Nov. 7, 1898
Bulkhead between One Hundred and Fourth and One Hundred and Fifth streets, H. R.	10 to 12	"	"	" 3, "	" 7, "
Lincoln avenue, H. R.	10	None....	J. Bell & Son.....	May 17, "	May 18, "
One Hundred and Forty-sixth street, Cheever place, H. R.	20 to 23	Permit....	Allen & Van Riper.....	Mar. 14, "	Mar. 21, "
Dump south of Fourteenth street, E. R.	18 to 20	"	Bouker Contracting Co..	Feb. 28, "	" 7, "
Port Morris, E. R.	12	"	N. Y. Central and H. R. R. R. Co.....	" 13, "	Feb. 14, "
Sherman's creek, H. R.	15	Order....	A. C. Chenoweth.....	Oct. 11, "	Oct. 11, "
BOROUGH OF BROOKLYN.					
Atlantic Basin.....	12 to 20	Permit....	Union Ferry Co.....	Feb. 12, 1898	Feb. 12, 1898
Adams to Jay street.....	15	"	Arbuckle Brothers.....	" 15, "	Temp. suspen.
Pier at North Fifth street.....	10	"	Pennsylvania R. R. Co...	July 3, "	July 3, 1898
Pier at North Twelfth street.....	23 to 25	"	Standard Oil Co.....	" 14, "	" 16, "
Slip foot of Broadway.....	10 to 25	"	Brooklyn and New York Ferry Co.....	" 13, "	" 15, "
Slip foot of Broadway.....	7 to 13	"	Brooklyn and New York Ferry Co.....	Oct. 27, "	Oct. 28, "
Piers 34 and 35, Atlantic Basin...	25	"	Brooklyn Wharf and Warehouse Co.....	Nov. 7, "	Nov. 30, "
Piers between North Tenth and Eleventh street.....	25	"	Standard Oil Co.....	" 17, "	" 19, "
Columbia Pier.....	25	"	Brooklyn Wharf and Warehouse Co.....	Dec. 20, "	In progress.
Hamilton avenue, Gowanus Canal	12 to 15	"	James DuBois.....	Feb. 26, "	Feb. 26, 1898
Foot of Fortieth street.....	15	"	Bush Company, Limited.	Sept. 28, "	Nov. 10, "
Forty-first to Forty-second street	15	"	"	July 27, "	Oct. 1, "
Fortieth to Forty-third street....	20	"	"	Apr. 15, "	May 7, "
Foot of Fifty-sixth street.....	12	"	T. L. Arnold.....	June 21, "	Aug. 30, "
BOROUGH OF RICHMOND.					
Mariners' Harbor.....	10	Permit....	C. A. Wilson.....	Aug. 4, 1898	Aug. 9, 1898

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.

Pier, new 1, N. R.

Secretary's Order No. 17459.—One new mooring post was placed thereon by employees of lessees under order. Begun and finished September 13, 1898.

Pier, old 1, N. R.

Secretary's Order No. 17773.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers 2, 4, 5, 16 and Cortlandt street ferry. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18449.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers 2, 4, 5, 16 and Cortlandt street ferry. Begun September 8, 1898; in progress.

Pier 2, N. R.

Secretary's Order No. 17773.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 4, 5, 16 and Cortlandt street ferry. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18443.—Repairs made to pier by the Lehigh Valley Railroad Company. Begun August 2 and finished December 5, 1898.

Secretary's Order No. 18449.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 4, 5, 16 and Cortlandt street ferry. Begun September 8, 1898; in progress.

Pier 4, N. R.

Secretary's Order No. 17773.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 5, 16 and Cortlandt street ferry. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18449.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 5, 16 and Cortlandt street ferry. Begun September 8, 1898; in progress.

Secretary's Order No. 18620.—Gas-pipes were placed on pier by the Consolidated Gas Company. Begun November 17 and finished November 18, 1898.

Pier 5, N. R.

Secretary's Order No. 17773.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 16 and Cortlandt street ferry. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18449.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 16 and Cortlandt street ferry. Begun September 8, 1898; in progress.

Pier 6, N. R.

Secretary's Order No. 18376.—Portion of shed on pier removed by the New York and Baltimore Transportation Company. Begun July 29 and finished August 5, 1898.

Secretary's Order No. 18393.—Repairs made to shed on pier by the New York and Baltimore Transportation Company. Begun August 8 and finished August 15, 1898.

Secretary's Order No. 18426.—Repairs made to platform north of pier by the New York Steam Company. Begun August 27, 1898; suspended.

Pier 7, N. R.

Secretary's Order No. 18397.—Repairs made to pier by the New York and Baltimore Transportation Company. Begun August 12, 1898; in progress.

Secretary's Order No. 18674.—Repairs made to pipes connecting pier by the Consolidated Gas Company. Begun November 27, 1898.

Pier, old 8, N. R.

Secretary's Order No. 17802.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 12, 13, 14 and 15, North river. Begun January 12 and finished June 30, 1898.

Secretary's Order No. 18375.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 12, 13, 14 and 15, North river. Begun July 30, 1898; in progress.

Secretary's Order No. 18170.—Repairs made to bulkhead north of pier by the Cromwell Steamship Company. Begun June 20 and finished June 28, 1898.

Piers 9 and 10, N. R.

Secretary's Order No. 18539.—Repairs made to piers and bulkhead by the Cromwell Steamship Company. Begun October 22, 1898; in progress.

Pier 11, N. R.

Secretary's Order No. 17964.—Piles were driven at pier by the Metropolitan Steamship Company. Begun and finished March 11, 1898.

Secretary's Order No. 18171.—Repairs made to pier by Metropolitan Steamship Company. Begun July 1 and finished July 30, 1898.

Pier, old 12, N. R.

Secretary's Order No. 17802.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 13, 14 and 15, North river. Begun January 12 and finished June 30, 1898.

Secretary's Order No. 18475.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 13, 14 and 15, North river. Begun July 30, 1898; in progress.

Pier, old 13, N. R.

Secretary's Order No. 17802.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 14 and 15, North river. Begun January 12; finished June 30, 1898.

Secretary's Order No. 18375.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 14 and 15, North river. Begun July 30, 1898; in progress.

Secretary's Order No. 18704.—Repairs made to pier by the Central Railroad Company of New Jersey. Begun December 27, 1898; in progress.

Pier, old 14, N. R.

Secretary's Order No. 17802.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 13 and 15, North river. Begun January 12; finished June 30, 1898.

Secretary's Order No. 18375.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 13 and 15, North river. Begun July 30, 1898; in progress.

Pier 15, N. R.

Secretary's Order No. 17802.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 13 and 14, North river. Begun January 12 and finished June 30, 1898.

Secretary's Order No. 18375.—Repairs were made to pier by the Central Railroad Company of New Jersey in conjunction with repairs to Piers, old 8, 12, 13 and 14, North river. Begun July 30, 1898; in progress.

Pier 16, N. R.

Secretary's Order No. 17773.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 5 and Cortlandt street ferry. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18449.—Repairs were made to pier by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 5 and Cortlandt street ferry. Begun September 2, 1898; in progress.

Cortlandt Street Ferry.

Secretary's Order No. 17773.—Repairs were made to piers and ferry premises by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 5 and 16. Begun December 24, 1897, and finished June 24, 1898.

Secretary's Order No. 18449.—Repairs were made to piers and ferry premises by Pennsylvania Railroad Company in connection with repairs to Piers, old 1, 2, 4, 5 and 16. Begun September 8, 1898; in progress.

Barclay Street Ferry, N. R.

Secretary's Order No. 17953.—Repairs were made to ferry premises by the Hoboken Ferry Company, in conjunction with repairs to Christopher and Fourteenth street Ferries, North river. Begun March 4 and finished September 10, 1898.

Secretary's Order No. 18457.—Repairs were made to ferry premises by Hoboken Ferry Com-

pany in conjunction with repairs to ferries at Christopher and Fourteenth Streets, North river. Begun September 11, 1898; in progress.

Secretary's Order No. 18482.—Northerly ferry rack was extended to outer end Pier, old 25, by the Hoboken Ferry Company. Begun November 9, 1898; in progress.

Piers, old 25 and 27, N. R.

Secretary's Order No. 17996.—Repairs made to piers by the New York Central and Hudson River Railroad Company. Begun April 4 and finished April 13, 1898.

Pier, old 27, N. R.

Secretary's Order No. 17956.—Repairs made to pier by the Old Colony Steamboat Company. Begun March 12 and finished March 17, 1898.

Pier, new 18, N. R.

Secretary's Order No. 18310.—Three gangways cut in south side pier by the Old Colony Steamboat Company. Begun July 9 and finished July 12, 1898.

Piers, new 18 and 19, N. R.

Secretary's Order No. 18408.—Repairs made to piers by New York, New Haven and Hartford Railroad Company. Begun August 19, 1898; in progress.

Pier, new 19, N. R.

Secretary's Order No. 18459.—Fender piles were renewed by the Old Colony Steamboat Company. Begun September 10 and finished September 13, 1898.

Pier, new 20, N. R.

Secretary's Order No. 17449.—Repairs were made to pier by the Erie Railroad Company in conjunction with repairs to Pier, new 21 and ferry premises at Chambers and West Twenty-third streets, North river. Begun August 10, 1897, and finished February 9, 1898.

Secretary's Order No. 17817.—Ferry rack was extended to outer end pier by the Erie Railroad Company. Begun July 6 and finished July 20, 1898.

Secretary's Order No. 17896.—Repairs were made to pier by the Erie Railroad Company in conjunction with repairs to Pier, new 21 and ferry premises at Chambers and West Twenty-third streets, North river. Begun February 17 and finished August 16, 1898.

Secretary's Order No. 18820.—Shed on pier were extended out to end of pier by the Erie Railroad Company. Begun June 20 and finished August 26, 1898.

Secretary's Order No. 18698.—Catch basins placed in pavement under shed by the Erie Railroad Company. Begun December 28, 1898; in progress.

Secretary's Order No. 18716.—Repairs made to piers by the Erie Railroad Company. Begun December 20, 1898; in progress.

Bulkhead between Piers, New 20 and 21, N. R.

Secretary's Order No. 17822.—Two-story shed erected between piers on bulkhead by the Erie Railroad Company. Begun January 20 and finished October 10, 1898.

Chambers Street Ferry, N. R.

Secretary's Order No. 17449.—Repairs were made to ferry premises by the Erie Railroad Company in conjunction with repairs to Piers, new 20 and 21, and West Twenty-third street Ferry, North river. Begun August 10, 1897, and finished February 9, 1898.

Secretary's Order No. 17896.—Repairs were made to ferry premises by the Erie Railroad Company in conjunction with repairs to Piers, new 20 and 21, and ferry premises at West Twenty-third street, North river. Begun February 17 and finished August 16, 1898.

Pier, new 21, N. R.

Secretary's Order No. 17449.—Repairs were made to pier by the Erie Railroad Company in conjunction with repairs to Pier, new 20, and ferries at Chambers and West Twenty-third streets, North river. Begun August 10, 1897, and finished February 9, 1898.

Secretary's Order No. 17896.—Repairs were made to pier by the Erie Railroad Company in conjunction with repairs to Pier, new 21, and ferry premises at Chambers and West Twenty-third streets, North river. Begun February 17 and finished August 16, 1898.

Secretary's Order No. 18716.—Repairs were made to pier by the Erie Railroad Company. Begun December 20, 1898; in progress.

Secretary's Order No. 18820.—Shed on pier was extended out to end of pier by the Erie Railroad Company. Begun June 20 and finished August 26, 1898.

Pier, new 22, N. R.

Secretary's Order No. 18223.—Repairs made to pier by the Baltimore and Ohio Railroad Company. Begun July 16 and finished July 23, 1898.

Secretary's Order No. 18233.—Second story erected on shed on bulkhead in front of pier by Baltimore and Ohio Railroad Company. Begun October 19, 1898; in progress.

Pier, new 23, N. R.

Secretary's Order No. 18172.—Repairs made to pier by the West Shore Railroad Company. Begun May 20 and finished June 11, 1898.

Piers, new 24 and 25, N. R.

Secretary's Order No. 17974.—Ice bridge and scales placed on bulkhead by the Consolidated Ice Company. Begun March 15 and finished June 1, 1898.

Pier, new 26, N. R.

Secretary's Order No. 18659.—Fender piles were driven around pier by the Old Dominion Steamship Company. Begun December 12 and finished December 23, 1898.

Piers, new 27, 28 and 29, N. R., and Desbrosses Street Ferry.

Secretary's Order No. 17579.—Repairs made to piers by the Pennsylvania Railroad Company. Begun December 8, 1897, and finished April 30, 1898.

Secretary's Order No. 18161.—Repairs made to piers and ferry premises at Desbrosses street by the Pennsylvania Railroad Company. Begun June 1 and finished November 30, 1898.

Secretary's Order No. 18679.—Repairs made to piers and ferry premises at Desbrosses street by the Pennsylvania Railroad Company. Begun December 4, 1898; in progress.

Approach and Pavement at Pier, new 29, N. R.

Secretary's Order No. 18444.—Plank approach and pavement in front of pier were raised to grade. Begun August 29 and finished September 6, 1898.

Pier, new 30, N. R.

Secretary's Order No. 18173.—Repairs made to pier by Albany Day Line. Begun May 20 and finished June 3, 1898.

Desbrosses Street, N. R.

Secretary's Order No. 14305.—Henry D. Steers preparing for and building a section of the bulkhead-wall north of Desbrosses street for the Pennsylvania Railroad Company. Begun August 4, 1898; in progress.

Secretary's Order No. 18412.—Piles were placed on line of northerly ferry rack by the Pennsylvania Railroad Company. Begun September 14 and finished September 17, 1898.

Watts Street, N. R.

Secretary's Order No. 18657.—Fence placed around Kingsland estate property by the People's Line. Begun and finished December 6, 1898.

Pier, old 41, N. R.

Secretary's Order No. 17938.—Pavement and crosswalks in front of pier were relaid to grade by the People's Line. Begun March 4 and finished March 7, 1898.

Secretary's Order No. 18325.—Platform and shed south pier were removed by People's Line. Begun August 1 and finished August 26, 1898.

South Canal Street Section.

Secretary's Order No. 14451.—A section of the bulkhead-wall north of Watts street is being built by Henry D. Steers for the Pennsylvania Railroad Company. Begun December 24, 1898; in progress.

Secretary's Order No. 18705.—An approach was built to Pier, old 41, North river by Henry D. Steers for the Pennsylvania Railroad Company. Begun December 12 and finished December 24, 1898.

Pier, old 42.

Secretary's Order No. 18414.—Extension made to dumping-board on pier by the Department of Street Cleaning. Begun August 6 and finished August 19, 1898.

Pier, new 36.

Secretary's Order No. 18409.—Repairs made to pier by the New York, New Haven & Hartford Railroad Company. Begun August 19; in progress.

Pier, new 38.

Secretary's Order No. 18222.—Repairs made to outer end of pier by White Star Line. Begun July 7 and finished July 12, 1898.

Between Piers, new 41 and 42.

Secretary's Order No. 18234.—Tunnel structures were partly removed by the Hudson Tunnel Railway Company. Begun June 20 and finished July 26, 1898.

Pier, new 43.

Secretary's Order No. 18377.—Office placed on pier by the Saugerties & New York Steamboat Company. Begun August 20 and finished September 1, 1898.

Christopher Street Ferry, N. R.

Secretary's Order No. 17953.—Repairs were made to ferry premises by the Hoboken Ferry Company in conjunction with repairs to ferry premises at Barclay and Fourteenth streets, North river. Begun March 4 and finished September 10, 1898.

Secretary's Order No. 18457.—Repairs were made to ferry premises by the Hoboken Ferry Company in conjunction with repairs to ferry premises at Barclay and Fourteenth streets, North river. Begun September 11, 1898; in progress.

Christopher Street.

Secretary's Order No. 18152.—Awning was placed in front of ferry building by the Hoboken Ferry Company. Begun June 16 and finished July 2, 1898.

Bulkhead between Piers, new 45 and 46.

Secretary's Order No. 18002.—Shed was removed from bulkhead by Joseph Cornell. Begun March 28 and finished April 4, 1898.

Secretary's Order No. 18427.—Shed was erected on bulkhead by the Citizens' Steamboat Company. Begun September 1 and finished September 6, 1898.

Charles Street.

Secretary's Order No. 18685.—Repairs were made to water-pipe by G. A. Darling. Begun and finished December 5, 1898.

Approach to Piers, new 46 and 47.

Secretary's Order No. 18209.—Repairs made to approach to pier by the Quebec Steamship Company. Begun June 20 and finished July 9, 1898.

Pier, new 47.

Secretary's Order No. 17934.—Repairs made to fenders of pier by the Quebec Steamship Company. Begun March 30 and finished April 8, 1898.

West Eleventh Street.

Engineer's Order.—Shed is being erected on pier and bulkhead by White Star Line. Begun January 16, 1898; in progress.

Secretary's Order No. 18593.—Gas-pipe connection was made to pier by the Consolidated Gas Company. Begun December 3 and finished December 10, 1898.

Bank Street.

Engineer's Order.—Shed is being erected on pier and bulkhead by the White Star Line; in progress.

Bethune Street.

Engineer's Order.—Shed is being erected on pier by the Wilson Line; in progress.
Secretary's Order No. 18160.—Pipes are being placed through bulkhead by the Western Electric Company. Begun June 20, 1898; suspended.

Jane Street.

Engineer's Order.—Shed is being erected on pier by the Cunard Steamship Company; in progress.

Gansevoort Street.

Engineer's Order.—Shed is being erected on pier by the Cunard Steamship Company; in progress.

Pier, old 56½.

Secretary's Order No. 17620.—Horizontal fenders were placed on inner southerly half of pier by the Lehigh Valley Railroad Company. Begun January 17 and finished January 21, 1898.

Secretary's Order No. 17859.—Scales were placed on pier by the Lehigh Valley Railroad Company. Begun March 12 and finished March 16, 1898.

Secretary's Order No. 17804.—Fender pile driven at pier by the Lehigh Valley Railroad Company. Begun and finished February 25, 1898.

Secretary's Order No. 17556.—Repairs made to bulkhead south of pier by the Lehigh Valley Railroad Company. Begun October 17 and finished October 25, 1898.

Pier 58½, N. R.

Secretary's Order No. 18163.—An office was removed therefrom by employees of the Pure Oil Company, under order. Begun and finished June 10, 1898.

Pier, old 59.

Secretary's Order No. 17977.—Scales placed on pier by the Patten Line. Begun and finished June 9, 1898.

Secretary's Order No. 18189.—Gangway cut in pier by T. G. Patten. Begun and finished June 9, 1898.

West Thirteenth Street.

Secretary's Order No. 18450.—Ice bridge and scales were removed from pier by the Consolidated Ice Company. Begun October 13 and finished November 10, 1898.

West Thirteenth Street, N. R.

Secretary's Order No. 18567.—Repairs were made to pier and ferry premises by Pennsylvania Railroad Company, in conjunction with repairs at Twenty-third, Thirty-seventh and Thirty-eighth streets, North river. Begun November 2, 1898; in progress.

Fourteenth Street Ferry, N. R.

Secretary's Order No. 17953.—Repairs were made to ferry premises by the Hoboken Ferry Company, in conjunction with repairs to ferry premises at Christopher and Barclay streets, North river. Begun March 4 and finished September 10, 1898.

Secretary's Order No. 18457.—Repairs were made to ferry premises by the Hoboken Ferry Company, in conjunction with repairs to Barclay and Christopher Street Ferries, North river. Begun September 11, 1898; in progress.

Slip between Fourteenth and Fifteenth Streets, N. R.

Secretary's Order No. 18663.—The Central Railroad Company of New Jersey and the the Glasco Iron Company removed sunken canal-boat at this place, November 25, 1898.

Pier at West Fifteenth Street, N. R.

Secretary's Order No. 17971.—The shed was repainted and repaired by employees of Central Railroad of New Jersey, under order of the Board. Begun March 26 and finished November 1, 1898.

Pier Foot of Sixteenth Street, N. R.

Secretary's Order No. 17500.—Several half-round fenders were replaced and refastened, backing-log was repaired and renewed, the sheathing repaired and pier cleaned by employees of lessee, under orders. Begun September 15, 1897, and finished January 12, 1898.

West Sixteenth Street, N. R.

Secretary's Order No. 18366.—Repairs made to pier by William J. McGirr. Begun and finished August 8, 1898.

West Eighteenth Street, N. R.

Secretary's Order No. 17864.—Reel of wire was landed on bulkhead by Merritt & Chapman Derrick and Wrecking Company. Begun and finished February 5, 1898.

Secretary's Order No. 17876.—Reel of wire was landed on bulkhead by Merritt & Chapman Derrick and Wrecking Company. Begun February 8 and finished February 9, 1898.

Secretary's Order No. 17912.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun February 26 and finished February 28, 1898.

Secretary's Order No. 17943.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun March 7 and finished March 9, 1898.

Secretary's Order No. 17999.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun March 29 and finished March 30, 1898.

Bulkhead, between West Eighteenth and West Nineteenth Streets, N. R.

Secretary's Order No. 17778.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun December 29, 1897, and finished January 4, 1898.

Secretary's Order No. 18117.—Reels of wire were landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun May 10 and finished May 11, 1898.

Secretary's Order No. 18392.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished August 9, 1898.

Secretary's Order No. 18306.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun July 9 and finished July 12, 1898.

Secretary's Order No. 18660.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished December 9, 1898.

West Nineteenth Street, N. R.

Secretary's Order No. 17824.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished January 18, 1898.

Secretary's Order No. 18595.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished November 14, 1898.

Secretary's Order No. 18667.—Reels of wire were landed at West Nineteenth street by the Merritt & Chapman Derrick and Wrecking Company. Begun December 27, 1898; in progress.

Pier, West Twentieth Street, N. R.

Secretary's Order No. 18236.—Awning shed was erected on the outer end of pier by the Knickerbocker Steamboat Company. Begun July 11 and finished August 1, 1898.

Pier, West Twenty-second Street, N. R.

Secretary's Order No. 18102.—Spring piles were driven and fastened by the Hudson River Line. Begun May 24 and finished May 31, 1898.

Secretary's Order No. 18204.—Platform was erected north of pier by the Erie Railroad Company. Begun June 11, 1898; suspended.

Secretary's Order No. 18320.—Spring piles were driven at pier by the Hudson River Line. Begun and finished July 11, 1898.

West Twenty-third Street Ferry, N. R. (Erie.)

Secretary's Order No. 17449.—Repairs were made to ferry premises by the Erie Railroad Company in conjunction with repairs to Piers, new 20 and 21, and Chambers Street Ferry, North river. Begun August 10, 1897, and finished February 9, 1898.

Secretary's Order No. 17896.—Repairs were made to ferry premises by the Erie Railroad Company, in conjunction with repairs to Piers new 20 and 21 and ferry premises at Chambers street, North river. Begun February 17 and finished August 16, 1898.

Secretary's Order No. 18678.—Repairs were made to northerly ferry rack by the Erie Railroad Company. Begun December 27, 1898; in progress.

West Twenty-third Street, N. R. (Pennsylvania R. R.)

Secretary's Order No. 18567.—Repairs were made to ferry premises by Pennsylvania Railroad Company in conjunction with repairs at West Thirteenth, Thirty-seventh and Thirty-eighth streets, North river. Begun November 2, 1898; in progress.

Pier, new 55, N. R.

Secretary's Order No. 16833.—The corrugated iron on shed was renewed and painted and the sheathing and fenders and chocks between fenders were repaired and refastened by employees of lessees. Begun December 28, 1897, and finished January 12, 1898.

Between Piers, new 55 and 56, N. R.

Secretary's Order No. 17693.—Transfer bridge was erected by the Baltimore and Ohio Railroad Company. Begun December 10, 1897, and finished March 26, 1898.

Secretary's Order No. 17947.—Railroad tracks were laid across marginal street to connect bridge by Baltimore and Ohio Railroad Company. Begun March 7 and finished March 15, 1898.

Pier, new 56, N. R.

Secretary's Order No. 17327.—Repairs made to shed on pier by the Baltimore and Ohio Railroad Company. Begun January 22 and finished January 24, 1898.

Secretary's Order No. 17860.—Repairs made to pier by the Baltimore and Ohio Railroad Company. Begun February 9 and finished March 7, 1898.

Secretary's Order No. 17981.—Repairs made to shed on pier by Simpson, Spence & Young. Begun April 25 and finished May 24, 1898.

Bulkhead between Piers, new 56 and 57, N. R.

Secretary's Order No. 18360.—Derrick erected on bulkhead and location of tracks changed, by J. B. & J. M. Cornell. Begun August 1 and finished October 17, 1898.

Pier, new 57, N. R.

Secretary's Order No. 17439.—Filling placed in rear of bulkhead wall to bring area to proper grade by the Panama Railroad Company. Begun August 13, 1897, and finished May 2, 1898.

Secretary's Order No. 17825.—Repairs were made to pier by the Panama Railroad Company. Begun January 24 and finished April 15, 1898.

Secretary's Order No. 18075.—Bearing piles renewed and repairs made to pier by the Panama Railroad Company. Begun May 22 and finished June 4, 1898.

Pier, new 58, N. R.

Secretary's Order No. 18367.—Repairs made to pier by the Delaware, Lackawanna and Western Railroad Company. Begun August 6 and finished August 23, 1898.

Pier, new 59, N. R.

Secretary's Order No. 18565.—Occident Dock Company repaired outer end of pier where damaged by steamship "Leitrim" on the 22d of October. Begun November 2 and finished November 18, 1898.

Pier West Thirtieth Street, N. R.

Secretary's Order No. 17437.—Pocket-dump erected northerly side of pier by the Department of Street Cleaning. Begun July 28, 1897; suspended.

Pier West Thirty-third Street N. R.

Secretary's Order No. 18368.—Repairs made to pier by the New York Central and Hudson River Railroad Company. Begun August 17 and finished August 24, 1898.

West Thirty-fourth Street, N. R.

Secretary's Order No. 18509.—Building on line of street was removed by Scott & Co. Begun December 20 and finished December 23, 1898.

West Thirty-seventh Street, N. R.

Secretary's Order No. 18551.—Repairs made to racks and transfer bridge by the Pennsylvania Railroad Company. Begun November 23 and finished December 23, 1898.

Secretary's Order No. 18567.—Repairs were made to pier and ferry premises by Pennsylvania Railroad Company in conjunction with repairs at West Thirteenth, Twenty-third and Thirty-eighth streets, North river. Begun November 2, 1898; in progress.

West Thirty-eighth Street, N. R.

Secretary's Order No. 18567.—Repairs were made to pier and ferry premises by Pennsylvania Railroad Company in conjunction with repairs at West Thirteenth, Twenty-third and Thirty-seventh streets, North river. Begun November 2, 1898; in progress.

Secretary's Order No. 18664.—Repairs made to pier by the Pennsylvania Railroad Company. Begun November 4 and finished November 7, 1898.

Bulkhead between Fortieth and Forty-first Streets, N. R.

Secretary's Order No. 17770.—Timber, backing-log, fenders, and four bearing piles under the shed overhanging the bulkhead, were replaced by E. B. Jenks, contractor for Lucie A. Cummins, under permit. Begun December 31, 1897, and finished January 12, 1898.

West Forty-fourth Street, N. R.

Secretary's Order No. 17778.—Machinery landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun December 29, 1897, and finished January 4, 1898.

Secretary's Order No. 17808.—Reels of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun January 14 and finished January 17, 1898.

Secretary's Order No. 17865.—Reel of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun February 9 and finished February 10, 1898.

Secretary's Order No. 17925.—Reels of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun March 1 and finished March 3, 1898.

Secretary's Order No. 17987.—Reels of wire were landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun March 25 and finished March 28, 1898.

Secretary's Order No. 18006.—Reels of wire were landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun March 30 and finished April 2, 1898.

Secretary's Order No. 18065.—Reels of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished April 27, 1898.

Secretary's Order No. 18364.—Reel of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished July 26, 1898.
 Secretary's Order No. 18500.—Reels of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished October 7, 1898.
 Secretary's Order No. 18644.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished November 22, 1898.
 Secretary's Order No. 18648.—Reel of wire was landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished November 23, 1898.

Pier foot West Forty-fifth Street, N. R.

Secretary's Order No. 18054.—Repairs were made to the sheathing on the runway leading to the dumping-board by employees of the New York Horse Manure Company, under permit. Begun May 5 and finished May 23, 1898.

Pier foot West Forty-sixth Street, N. R.

Secretary's Order No. 17975.—An ice-bridge, tally-house and scales were erected, under permit, by employees of the Consolidated Ice Company. Begun March 18 and finished June 9, 1898.

Pier West Forty-eighth Street, N. R.

Secretary's Order No. 18511.—Repairs made to pier by the Pocahontas Coal Company. Begun December 12 and finished December 22, 1898.

Bulkhead between Forty-eighth and Forty-ninth Streets, N. R.

Secretary's Order No. 18253.—An ice-bridge, scales and office were placed thereon by employees of Thomas Costello, Jr., under permit. Begun July 8 and finished July 19, 1898.

Bulkhead West Fifty-second Street, N. R.

Secretary's Order No. 18159.—Reel of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished May 24, 1898.

Secretary's Order No. 18218.—Reels of wire landed on bulkhead by the Merritt & Chapman Derrick and Wrecking Company. Begun and finished June 7, 1898.

Pier West Fifty-fourth Street, N. R.

Secretary's Order No. 17749.—Pier cleaned and repaired by the Consolidated Canal and Lake Company. Begun January 10 and finished March 25, 1898.

Pier foot West Fifty-eighth Street, N. R.

Secretary's Order No. 17973.—The backing-log was repaired, a chock refastened, two oak fenders pieced, two horizontal fenders placed and others refastened, horizontal sheathing repaired, two lower armature plates on the southwest corner refastened, and general repairs made to the decking by B. S. Cronin, contractor, under order. Begun March 16 and finished May 23, 1898.

Bulkhead between Sixtieth and Sixty-first Streets, N. R.

Secretary's Order No. 18369.—Thirty-two oak fenders were replaced under order by employees of the New York Central and Hudson River Railroad Company. Begun October 15 and finished November 12, 1898.

Pier "D," foot of West Sixty-fifth Street, N. R.

Secretary's Order No. 18331.—Several fender piles were refastened and two renewed, and the diagonal sheathing on the single rows near outer end was refastened.

Pier "F," foot of West Sixty-seventh Street.

Secretary's Order No. 18331.—Several fender piles were renewed and refastened on the outer southerly corner.

Pier "G," foot of West Sixty-eighth Street.

Secretary's Order No. 18331.—Five fender piles on the southerly and two on the northerly side were renewed, and repairs were made to the vertical sheathing on the outer end and to the backing-log, all under order by the New York Central and Hudson River Railroad Company. Begun October 17 and finished November 19, 1898.

Transfer Rack foot of Sixty-eighth Street, N. R.

Secretary's Order No. 18624.—Two fender piles were renewed and others refastened and rechecked, and repairs made to the pontoon under permit by the New York Central and Hudson River Railroad Company. Begun November 21 and finished November 28, 1898.

Dock between Ninety-sixth and Ninety-seventh Streets, N. R.

Secretary's Order No. 18389.—Four of the upper courses of timber were taken up and replaced to the proper batter and stone-filling put in back of same. The backing-log was raised to the height of 12 inches above the grade, and several fender piles refastened under order by the Sheridan & Shea Company. Begun August 25 and finished September 3, 1898.

Foot of West One Hundred and Thirtieth Street, N. R. (Ferry Racks).

Secretary's Order No. 18323.—Extra oak piles were driven on ferry racks, repairs made to the sheathing, and the clusters strengthened by the Riverside and Fort Lee Ferry Company under permit. Begun July 12 and finished July 30, 1898.

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

Secretary's Order No. 17732.—Twenty-one half-round fenders were pieced, two fender piles pulled up about two feet and refastened, one mooring-post and about 35 feet of the backing-log renewed by lessee under order. Begun March 17 and finished April 1, 1898.

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

Secretary's Order No. 17687.—Brick was placed and stored thereon to assist in the settlement of the extension. Begun December 17, 1897, and finished March 24, 1898.

Secretary's Order No. 18114.—Two spring piles on the outer northerly corner were refastened and rechecked by employees of the Homer Ramsdell Transportation Company under order. Begun May 12 and finished May 16, 1898.

Secretary's Order No. 18638.—One 33-ton reel of wire was landed under permit by employees of the Merritt & Chapman Derrick and Wrecking Company. Begun November 19 and finished December 4, 1898.

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

Secretary's Order No. 18039.—A 52-ton reel of wire was landed under permit by employees of the Merritt & Chapman Derrick and Wrecking Company. Begun April 23 and finished May 10, 1898.

Secretary's Order No. 18077.—A 38-ton reel of wire was landed under permit by employees of the Merritt & Chapman Derrick and Wrecking Company. Begun and finished May 6, 1898.

One Hundred and Thirty-third Street, N. R.

Secretary's Order No. 18413.—The pavement was taken up and relaid under permit by employees of Theodore F. Tone. Begun August 20 and finished August 30, 1898.

Bulkhead between One Hundred and Thirty-third and One Hundred and Thirty-fourth Streets, N. R.

Secretary's Order No. 17387.—A tower was erected and the necessary machinery boiler and engine for hoisting coal from coal-boats and barges was placed on the pile platform in front of bulkhead by employees of Theodore F. Tone under permit. Begun August 23, 1897, and finished about December 1, 1898.

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

Secretary's Order No. 18032.—A temporary dump was erected on the south side by employees of M. M. McDermott under permit. Begun April 5 and finished April 12, 1898.

One Hundred and Forty-third Street, N. R.

Secretary's Order No. 17338.—The bulkhead which was constructed at above premises caved in and a large quantity of stone toppled over into the river. This bulkhead was reconstructed and repaired, and the stone taken from the river bottom. Begun June 18, 1897, and finished October 20, 1898.

One Hundred and Fifty-second Street, N. R.

Secretary's Order No. 16531.—A bath-house was erected by employees of Frederick Schaefer under permit. Begun October 16, 1897, and finished April 1, 1898.

EAST RIVER.

Barge Office, Battery, E. R.

Secretary's Order No. 17868.—Alterations and repairs were made under permit in accordance with plans and specifications submitted by employees of W. S. Patten, Major and Quartermaster, U. S. A. Begun January 10 and finished March 2, 1898.

South and Hamilton Ferries, E. R.

Secretary's Order No. 17633.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, under permit of the Board in conjunction with Wall, Fulton and Catharine ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17847.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company in conjunction with repairs at Wall, Fulton and Catharine ferries, East river.

Secretary's Order No. 18096.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company in conjunction with repairs at Wall, Fulton and Catharine ferries, East river. Begun May 3 and finished August 2, 1898.

Secretary's Order No. 18381.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company in conjunction with repairs at Wall, Fulton and Catharine ferries, East river. Begun August 3 and finished November 3, 1898.

Pier 2, E. R.

Secretary's Order No. 17933.—Repairs were made to the ferry rack, etc., by the New York and South Brooklyn Ferry Company, in conjunction with repairs to Pier 3, East river, and foot of Thirty-ninth street, Brooklyn. Begun March 8 and finished June 1, 1898.

Pier 3, E. R.

Secretary's Order No. 17933.—Repairs were made to the ferry rack, etc., by the New York and South Brooklyn Ferry Company, in conjunction with repairs to Pier 2, East river, and foot of Thirty-ninth street, Brooklyn. Begun March 8 and finished June 1, 1898.

Secretary's Order No. 18270.—A hole in the pavement at entrance to the pier was filled in with broken stone and the pavement relaid by E. Cruikshank & Co., lessees, under order. Begun July 12 and finished July 20, 1898.

Pier 4, E. R.

Secretary's Order No. 17937.—Two new spruce fender piles were placed by E. A. Cruikshank & Co. under permit. Begun and finished March 7, 1898.

Pier 5, E. R.

Secretary's Order No. 18712.—Twelve spring piles were driven and fastened on outer corner, two side-bearing piles were placed on easterly side and fender piles were refastened and rechecked on outer end under permit, by the New York Central and Hudson River Railroad Company. Begun December 17 and finished December 22, 1898.

Pier, old 6, E. R.

Secretary's Order No. 18631.—This order calls for superintending repairs to the deck sheathing on Pier, old 6, East river, by the New York Central and Hudson River Railroad under permit of the Board. Begun December 12, 1898; in progress.

Bulkhead east of Pier, new 7, E. R.

Secretary's Order No. 18084.—Repairs were made to the pavement on the east half of approach and bulkhead by employees of the Erie Railroad Company, under order. Begun May 10 and finished May 21, 1898.

Bulkhead between Piers 8 and 9, E. R. (west half.)

Secretary's Order No. 18144.—Five pine fender piles were driven and fastened by lessee. Begun and finished May 28, 1898.

Bulkhead westerly of Pier, old 9, E. R. (west half.)

Secretary's Order No. 18083.—Several settlements in the pavement were filled in and repaved by H. E. Nesmith, Jr., under order. Begun May 9 and finished May 16, 1898.

Bulkhead easterly of Pier 9, E. R.

Secretary's Order No. 18299.—Repairs were made to the pavement under order by Nesmith Brothers under order. Begun August 1 and finished August 18, 1898.

Pier 10, E. R.

Secretary's Order No. 18178.—Fourteen spring piles were driven at the outer corners by J. M. Ceballos & Co. under permit. Begun June 4 and finished June 7, 1898.

Secretary's Order No. 18198.—Repairs were made to the pavement about 20 feet easterly of pier under order by H. E. Nesmith. Begun June 29 and finished July 10, 1898.

Easterly half of Pier 12, E. R.

Secretary's Order No. 18300.—Seven mooring piles were replaced and one fender pile on outer easterly corner, 4 half-round fenders on the easterly side, the backing-log, the vertical sheathing on the outer end of pier and the sheathing on deck were repaired under order by W. Cruikshank's Sons. Begun July 26 and finished August 6, 1898.

Pier 12, E. R.

Secretary's Order No. 18235.—Fender piles at the outer easterly end were repaired by Arkell & Douglas. Begun and finished June 16, 1898.

Bulkhead between Piers 12 and 13, E. R.

Secretary's Order No. 18081.—A settlement in the pavement about 40 feet easterly of Pier 12 in the rear of the crib-bulkhead was filled in by employees of William Cruikshank's Sons under order. Begun and finished May 5, 1898.

Secretary's Order No. 18328.—The pavement was taken up and relaid under order by E. A. Cruikshank's Sons. Begun August 1 and finished August 15, 1898.

Secretary's Order No. 18526.—Ten half-round fenders were renewed and eight repaired under order by owners. Begun November 26 and finished December 7, 1898.

Pier 13, E. R.

Secretary's Order No. 18529.—Seven fender piles and one half-round fender were renewed and one half-round fender refastened under order by E. A. Cruikshank, agent. Begun November 17 and finished December 6, 1898.

Bulkhead easterly of Pier 13, E. R.

Secretary's Order No. 18527.—Two fender piles were renewed and one replaced, and about six feet of the backing-log was replaced under order by William Cruikshank, agent. Begun November 26 and finished December 8, 1898.

Bulkhead between Piers 13 and 14, E. R.

Secretary's Order No. 17951.—A dangerous washout was filled in, and pavement relaid by employees of William Cruikshank's Sons, under order. Begun March 7 and finished March 14, 1898.

Pier, old 14, E. R.

Secretary's Order No. 17994.—A shed was erected on Pier, old 14, East river, by William L. Munson, lessee, under permit of the Board. Begun July 20 and finished October 3, 1898.

Secretary's Order No. 18349.—Repairs were made to the pier under permit of the Board. The work consisted of repairs to the bracing piles, side cap, side ranger, decking and deck sheathing. Begun July 11 and finished July 20, 1898.

Pier 15, E. R.

Secretary's Order No. 18101.—Bearing and fender piles and chocking between fenders were renewed by John F. Doyle & Sons, under permit. Begun May 9 and finished May 25, 1898.

Wall Street Ferry, E. R.

Secretary's Order No. 17633.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, under permit of the Board, in conjunction with repairs to Hamilton, South, Fulton and Catharine Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17847.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Fulton and Catharine Ferries, East river. Begun January 28 and finished April 28, 1898.

Secretary's Order No. 18096.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Fulton and Catharine Ferries, East river. Begun May 3 and finished August 2, 1898.

Secretary's Order No. 18381.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Fulton and Catharine Ferries, East river. Begun August 3 and finished November 3, 1898.

Pier 17, E. R.

Secretary's Order No. 18487.—Repairs were made to the cribwork in front of Pier 17, East river, by James E. Ward & Co. The work consisted of placing 4 by 12-inch planking over the open spaces between the facing timbers from low water up. Begun October 10 and finished October 29, 1898.

Pier 18, E. R.

Secretary's Order No. 18518.—Repairs were made to the westerly half of the pier by the owners, in conjunction with repairs to the easterly half, by the Department, under permit of the Board. The work consisted of jacking up the caps and rangers; shimming and benching over cribs and piles; placing several side-bearing piles; rebuilding the crib-bulkhead and paving over same; repairs to the backing-log, decking, deck sheathing and half-round fenders. Also refastening the corner fender piles. Begun October 20 and finished December 3, 1898.

Pier 19, E. R.

Secretary's Order No. 17888.—Repairs were made to Pier 19, East River, by R. E. Ferris, under permit of the Board, for an expenditure of between \$3,000 and \$4,000. The work consisted in reinforcing the foundation with additional piles, cross caps, rangers and blockings over caps; also the placing of new decking, deck sheathing, backing-log, fenders and fender piles where necessary. Begun February 16 and finished March 17, 1898.

Pier 20, E. R.

Secretary's Order No. 18423.—Repairs were made to the pavement in front of pier, and to the vertical sheathing on the easterly and westerly side, under order, by the New York and Texas Steamship Company. Begun September 26 and finished October 7, 1898.

Pier 21, E. R.

Secretary's Order No. 18424.—Ten half-round fenders were replaced, five side-bearing piles were put back in place, three wooden moving-posts were replaced, repairs were made to the backing-log, and several holes in the pavement were filled in, under order, by the New York and Texas Steamship Company. Begun September 26 and finished October 7, 1898.

Secretary's Order No. 18468.—Repairs were made to the pier by the New York and Texas Steamship Company, under permit of the Board, which included the necessary repairs to the shed. The work consisted of inclosing 57 running feet of the westerly side of pier; repairing the corrugated iron covering in front of pier shed, and placing extension iron gates across the front of the pier. Begun September 26 and finished November 4, 1898.

Fulton Ferry, E. R.

Secretary's Order No. 17633.—The surfaces of approaches, and bridges were repaired by employees of the Union Ferry Company, under permit of the Board, in conjunction with repairs at Hamilton, South, Wall Street and Catharine Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17847.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Wall Street and Catharine Ferries, East river. Begun January 28 and finished April 28, 1898.

Secretary's Order No. 18096.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Wall Street and Catharine Ferries, East river. Begun May 3 and finished August 2, 1898.

Secretary's Order No. 18381.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Wall Street and Catharine Ferries, East river. Begun August 3 and finished November 3, 1898.

Pier 25, E. R.

Secretary's Order No. 18137.—Five spring piles were driven on the outer corner by the New Haven Steamboat Company, under permit. Begun May 18 and finished May 19, 1898.

Pier 27, E. R.

Secretary's Order No. 18588.—Repairs were made to the plank roadway in front of the shed adjacent to Pier 27, East river, by the Baltimore and Ohio Railroad Company, under permit of the Board. Begun November 5 and finished November 14, 1898.

Pier 29, E. R.

Secretary's Order No. 18295.—The ferry rack adjoining the north side of Pier 29 was removed for a distance of four feet in the clear by the Brooklyn and New York Ferry Company upon order of the Board. Also the necessary repairs were made so as to render further encroachment impossible. Begun July 28 and finished September 19, 1898.

Secretary's Order No. 18399.—Repairs were made to the north side of Pier 29, East river, by W. P. Clyde & Co., under permit of the Board. The work consisted of removing a portion of the old side cap for a distance of about 200 feet; also removing decayed and damaged ends of the cross caps and bearing piles, and placing new bearing piles and side cap where removed, and refastening the old cross caps thereto. Begun August 1 and finished September 9, 1898.

Roosevelt Street Ferry, E. R.

Secretary's Order No. 17634.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs to Grand and Twenty-third Street Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17850.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs to Grand and East Twenty-third Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth Streets, Brooklyn Ferries. Begun January 28 and finished April 28, 1898; and also begun May 3 and finished July 30, 1898.

Secretary's Order No. 18374.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs at Grand and Twenty-third Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth Streets, Brooklyn Ferries. Begun August 1 and finished October 29, 1898.

Catharine Ferry, E. R.

Secretary's Order No. 17633.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, under permit of the Board, in conjunction with repairs at Hamilton, South, Wall Street and Fulton Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17847.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Wall Street and Fulton Ferries, East river. Begun January 28 and finished April 28, 1898.

Secretary's Order No. 18096.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company, in conjunction with repairs at Hamilton, South, Wall Street and Fulton Ferries, East river. Begun May 3 and finished August 2, 1898.

Secretary's Order No. 18381.—The surfaces of approaches and bridges were repaired by employees of the Union Ferry Company in conjunction with repairs at Hamilton, South, Wall Street and Fulton Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Pier, old 35, E. R.

Secretary's Order No. 17769.—About 150 cubic yards of earth-filling were placed in the rear of the bulkhead at Pier, old 35, East river, by Brown & Fleming, in accordance with the action of the Board of September 9, 1897. Begun January 5 and finished January 10, 1898.

Pier 38, E. R.

Secretary's Order No. 17903.—Electric lights were placed on Pier 38 by the Maine Steamship Company, under permit of the Board. The work was done under permit and direction of the Electrical Bureau of the Department of Public Buildings, Lighting and Supplies, and consisted of suspending 12 arc lights along the bottom of the roof truss. Begun March 9 and finished March 22, 1898.

Pier 39, E. R.

Secretary's Order No. 17779.—Five piles were driven by the Bridgeport Steamboat Company, under permit. Begun January 6 and finished January 10, 1898.

Secretary's Order No. 18267.—Sixteen oak fender and bearing piles were driven at outer end, under permit, by the Bridgeport Steamboat Company. Begun July 5 and finished July 16, 1898.

Pier 40, E. R.

Secretary's Order No. 17777.—The top course of facing timber on the bulkhead in the doorways was renewed, and the deck and sheathing adjoining the bulkhead were repaired by the New York, New Haven and Hartford Railroad Company, under permit. Begun January 14 and finished January 22, 1898.

Pier 43, E. R.

Secretary's Order No. 17768.—A dumping-board was erected on Pier 43 by the Street Cleaning Department, under permit of the Board. Begun August 18 and finished October 3, 1898.

Piers 45 and 46, E. R.

Secretary's Order No. 18532.—Repairs were made to the sheathing and chocks where necessary on Piers 45 and 46, East river, by the New York, New Haven and Hartford Railroad Company, under permit of the Board. The work consisted of replacing two oak fender piles on the northeast corner of Pier 45, and refastening and rechocking the fender piles on both corners of this pier; also chocking the fender piles on the outer end of Pier 46, East river, and slight repairs were made to the horizontal sheathing on the sides of the piers. Begun October 20 and finished November 7, 1898.

Pier 49, E. R.

Secretary's Order No. 18629.—Repairs were made to the southeast corner of Pier 49, East river, by the New York, New Haven and Hartford Railroad, under permit of the Board. The work consisted of refastening 11 fender piles and chocking same. Begun November 19 and finished November 22, 1898.

Bulkheads between Piers 50 to 52, E. R.

Secretary's Order No. 18435.—Side-caps were renewed and cross-caps, horizontal sheathing and fender piles were repaired, under permit, by the New York, New Haven and Hartford Railroad Company. Begun September 2 and finished November 23, 1898.

Between Piers 50 and 51, E. R.

Secretary's Order No. 17845.—The pavement was taken up and relaid under the supervision of the Department of Public Improvements for the purpose of placing a meter.

Pier 52, E. R.

Secretary's Order No. 17744.—A sewer was built through the bulkhead at Pier 52, East river, at the easterly side of Gouverneur slip by the Department of Public Works under permit of the Board. Begun November 30, 1897, and finished April 4, 1898.

Pier 53, E. R.

Secretary's Order No. 17128.—The necessary repairs were made to the pier by the owners and occupants thereof upon notification from the Department; the said work consisting of repairs to the deck sheathing, platform and fender piles on the westerly side of the pier. Begun April 21, 1897, and finished during the year 1897; and report on same was made March 25, 1898.

Bulkhead westerly of Pier 53, E. R.

Secretary's Order No. 18147.—A settlement in the pavement of the bulkhead, commencing at a point about 71 feet westerly of Pier 53, East river, and running westerly for 126 feet was repaired by employees of Duryea & Co., under order. Begun June 6 and finished June 9, 1898.

Secretary's Order No. 18150.—A settlement in the pavement commencing at a point about 197 feet westerly of Pier 53, was repaired by John Simmons & Co., under order. Begun June 14 and finished June 21, 1898.

Jackson Street, E. R.

Secretary's Order No. 18307.—A temporary outlet to sewer was cut at the foot of the street by the Department of Sewers under permit of the Board. The work consisted of terminating the sewer adjacent to the bulkhead on the westerly side of the pier. Begun July 12 and finished August 9, 1898.

Pier, old 54, E. R.

Secretary's Order No. 18498.—A derrick was erected on the westerly half of the pier by John W. Sullivan under permit of the Board. Begun September 22 and finished October 17, 1898.

Bulkhead between Jackson and Corlears Streets, E. R.

Secretary's Order No. 17741.—A settlement in the rear of the crib for a distance of about 60 feet, commencing at a point about 100 feet west of the westerly line of Corlears street, and extending westerly therefrom, was filled in by employees of owners, under order. Begun and finished January 18, 1898.

Coe Stores at Water and East Streets, E. R.

Secretary's Order No. 18584.—Repairs were made to the bulkhead at Coe Stores by the Estate of Charles A. Coe, under permit of the Board. The work consisted of replacing five fender piles, and refastening and rechocking same; also repairs to the vertical sheathing around the easterly corner of said bulkhead. Begun November 7 and finished November 14, 1898.

Bulkhead south of Cherry Street, E. R.

Secretary's Order No. 17972.—Nine fender piles were driven and fastened, the backing-log was renewed, and the sheathing repaired by employees of Horace S. Ely & Son, agents for the estate of John Gardner, under permit. Begun March 18 and finished March 24, 1898.

Foot of Corlears Street, E. R.

Secretary's Order No. 17829.—A 40-ton reel of wire was landed on the bulkhead, foot of Corlears street, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Begun January 21 and finished February 1, 1898.

Secretary's Order No. 17960.—One 40-ton reel of wire was landed by the Merritt & Chapman Derrick and Wrecking Company under permit. Begun March 14 and finished March 17, 1898.

Secretary's Order No. 18138.—One 40-ton reel of wire was landed by the Merritt & Chapman Derrick and Wrecking Company under permit. Begun May 20 and finished June 15, 1898.

Secretary's Order No. 18287.—One 40-ton reel of wire was landed by the Merritt & Chapman Derrick and Wrecking Company under permit. Begun June 29 and finished July 18, 1898.

Secretary's Order No. 18645.—Three 30-ton girders were landed by the Merritt & Chapman Derrick and Wrecking Company under permit. Begun November 22 and finished November 23, 1898.

Pier 55, E. R.

Secretary's Order No. 17884.—Repairs were made to the bulkhead adjoining Pier 55, East river, by the Department of Highways at the request of this Department. The work consisted of repairs to the pavement. Begun and finished February 28, 1898.

Grand Street Ferry, E. R.

Secretary's Order No. 17634.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company in conjunction with repairs at Roosevelt and Twenty-third Street Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17850.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company in conjunction with repairs to Roosevelt and East Twenty-third Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth street, Brooklyn, Ferries. Begun January 28 and finished April 28, 1898; and also begun May 3 and finished July 30, 1898.

Secretary's Order No. 18374.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company in conjunction with repairs to Roosevelt and East Twenty-third Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth street, Brooklyn, Ferries. Begun August 1 and finished October 29, 1898.

Bulkheads at Piers 55 and 60, E. R.

Secretary's Order No. 17182.—The bulkheads at Piers 55 and 60, East river, were pierced for the purpose of sewer outlet by the Department of Public Works under permit of the Board. Begun May 2, 1897, and finished January 17, 1898.

Between Piers, old 58 and 59, E. R.

Secretary's Order No. 17627.—A temporary pier was built between Piers, old 58 and 59, East river, by Shanley & Ryan, under permit of the Board. The work was done in substantial accordance with plans submitted and approved. Begun November 8, 1897, and finished January 17, 1898.

Foot of Delancey Street, E. R.

Secretary's Order No. 17855.—This order calls for directing and superintending the placing of stone filling, or other material, around the caissons of the New York tower foundations of the New East River Bridge, by P. H. Flynn, under permit of the Board. Work on this order was begun March 7, 1898, and suspended without the stone having been removed.

Secretary's Order No. 17786.—Stringers were placed on the bulkhead running north of Delancey street, East river, by Burns Bros., under permit of the Board. Begun March 23 and finished April 5, 1898.

Secretary's Order No. 17783.—The backing-log was raised 12 inches above the present grade of the street for about 50 feet along the bulkhead at the foot of Delancey street, by Shanley & Ryan, occupants, upon notification from the Board to do said work. Begun March 1 and finished March 4, 1898.

Secretary's Order No. 17831.—Four clusters of piles were removed in front of the bulkhead about on the northerly line of Delancey street, East river, by Shanley & Ryan, with the consent of Burns Bros., to whom the permit was granted by the Board. Begun and finished January 23, 1898.

East Street, near Delancey Street, E. R.

Secretary's Order No. 17284.—A fence was erected by P. H. Flynn for the New East River Bridge Commission, under permit of the Board, on the curb-line on the east side of East street, near foot of Delancey street, adjoining the bridge property, and temporary offices and platforms are being erected as required for the work within the inclosure. Begun June 3, 1897, and not yet removed.

Pier 60, E. R.

Secretary's Order No. 17625.—Repairs were made to Pier 60, East river, by John A. McCarthy, lessee, from March 11 to 24, 1898. This order was superseded by Secretary's Order No. 18157.

Secretary's Order No. 18157.—Repairs were made to the sheathing, chocking and backing-log, and three fenders were renewed under order by John A. McCarthy, lessee. Begun May 26 and finished November 12, 1898.

Piers at foot of Rivington and Grand Streets.

Secretary's Order No. 17808.—A trap or hatchway was placed on the deck of each of the piers at foot of Rivington and Grand streets, East river, by the Department of Sewers, under permit of the Board, to facilitate access to sewers for examination and repairs. Begun January 13 and finished January 17, 1898.

East Street, E. R.

Secretary's Order No. 17784.—Repairs were made to the pavement on East street, near Rivington street, by the Department of Public Works, upon notification by this Department. The work was done about December 18, 1897. The issuance of this order on December 31, 1897, rendered supervision unnecessary, and the order was returned to the Engineer-in-Chief on January 13, 1898.

North side of Pier 61, E. R.

Secretary's Order No. 17806.—The sheathing and a number of the heads of oak fenders were repaired and about six of the horizontal and vertical chocks renewed by employees of Etzel & Son, lessees, under permit. Begun January 14 and finished January 24, 1898.

Secretary's Order No. 18316.—Repairs were made to the sheathing and backing-log and three horizontal chocks were renewed under order by employees of Etzel & Son. Begun September 9 and finished December 19, 1898.

Bulkhead between Piers 61 and 62, E. R.

Secretary's Order No. 18751.—This order calls for directing and superintending the extension of the Croton water pipe from the old bulkhead to the new stone bulkhead between Piers 61 and 62, East river, by James Shewan & Son, under permit of the Board. Work not begun.

Stanton Street, E. R.

Secretary's Order No. 17306.—The tally-house and scales were removed from the north side of Stanton street, East river, to a point designated by the Dock Superintendent on the new-made land south of Stanton street, by John T. Welch, under permit of the Board. Begun June 16, 1897, and finished April 18, 1898.

Between Tompkins and Stanton Streets, E. R.

Secretary's Order No. 17311.—A small office, which was within the lines of Tompkins and Stanton streets, East river, was removed to the newly-made land on the easterly side of Tompkins street and south of Stanton street by John J. Trainor, under permit of the Board. Begun and finished March 28, 1898.

Stanton and Fourth Streets, E. R.

Secretary's Order No. 17297.—Owners and occupants of sheds and other structures between Stanton and Fourth streets removed said structures upon notification by this Department. Begun August 2, 1897, and finished January 9, 1898.

Bulkhead between Stanton and Houston Streets.

Secretary's Order No. 18586.—A coal hoisting gaff and mast are being erected on the bulkhead, between above streets, by Hencken & Willenbrock, under permit of the Board. Begun and finished November 12, 1898.

Tompkins Street, E. R.

Secretary's Order No. 17946.—The fence across Tompkins street, East river, on the southerly side of East Houston street, was removed by the Nassau Ferry Co., upon notification of this Department. Begun and finished March 14, 1898.

Between East Third and Fourth Streets, E. R.

Secretary's Order No. 18398.—This order called for superintending the placing of a backing-log on the bulkhead between the above streets, Messrs. Hencken & Co. having been directed to place the same. Hencken & Co. informed the Department that the lease they held on the property in question expired on May 1, and that they had removed their structures, and were no longer the occupants of the premises. This order was, therefore, returned on August 23, 1898.

Secretary's Order No. 18499.—A backing-log was placed on the bulkhead between Third and Fourth streets, East river, by H. W. Gray, owner, upon notification by this Department. Begun September 29 and finished October 4, 1898.

Pier foot of East Sixth Street, E. R.

Secretary's Order No. 18665.—This order calls for supervising repairs to the pier—necessary to make it safe for use, by W. H. Webb, under permit of the Board, on condition that the City's rights shall not be prejudiced to the property in question. Work not begun.

Bulkhead between East Sixth and Seventh Streets, E. R.

Secretary's Order No. 18379.—Fourteen fender piles were driven in front of the bulkhead between the above streets by Nesmith & Constantine Co., under permit of the Board. Begun August 6 and finished August 20, 1898.

Foot of East Eighth Street, E. R.

Secretary's Order No. 17863.—A gateway was framed at about the centre of the fence across the approach to the pier at East Eighth street, East river, by Willard, Hawes & Co., occupants. Begun and finished February 21, 1898.

Foot of East Tenth Street, E. R.

Secretary's Order No. 18627.—A waiting room at the foot of the above street is being enlarged by the Brooklyn Ferry Co., under permit of the Board; the addition is being built on the platform now in existence. Begun and finished December 9, 1898.

Bulkhead Foot of East Sixteenth Street, E. R.

Secretary's Order No. 17733.—Piles were driven on the north side of the bulkhead at the foot of East Sixteenth street, East river, by the authorities of the Hospital for Scarlet Fever and Diphtheria Patients, under permit of the Board. Begun January 19 and finished February 17, 1898.

Pier foot of East Eighteenth Street, E. R.

Secretary's Order No. 18619.—Four fender piles were driven and fastened at the northerly side of the pier at East Eighteenth street by the New Jersey Steamboat Co., under permit of the Board. Begun November 22 and finished November 23, 1898.

Pier Foot of Twentieth Street, E. R.

Secretary's Order No. 18661.—A coal hoisting mast was erected at the south side of the pier at foot of Twentieth street by H. L. Herbert & Co., under permit of the Board. Begun and finished December 4, 1898.

Twenty-third Street Ferry, E. R.

Secretary's Order No. 17634.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs at Roosevelt and Grand Street Ferries, East river. Begun October 27, 1897, and finished January 27, 1898.

Secretary's Order No. 17850.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs to Roosevelt and Grand Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth street, Brooklyn, Ferries. Begun January 28 and finished April 28, 1899; and also begun May 3 and finished July 30, 1898.

Secretary's Order No. 18374.—The surfaces of approaches and bridges were repaired by employees of the Brooklyn and New York Ferry Company, in conjunction with repairs to Roosevelt and Grand Street Ferries, Borough of Manhattan, and Grand and South Sixth to South Ninth streets, Brooklyn, Ferries. Begun August 1 and finished October 29, 1898.

Foot of Twenty-fifth Street, E. R.

Secretary's Order No. 18070.—Frame structures and material belonging to Candee & Smith, within the lines of East Twenty-fifth street, East river, between the westerly side of Avenue A and the bulkhead-line, were removed by said Candee & Smith, upon notification from this Department. Begun May 27 and finished June 28, 1898.

Between East Twenty-fifth and East Twenty-sixth Streets, E. R.

Secretary's Order No. 16675.—This order called for the supervising, the repairing and extending the existing shed on the bulkhead between Twenty-fifth and Twenty-sixth streets, East river. Work was done by Candee & Smith, under permit of the Board. This order was returned and the permit revoked on June 29, 1898.

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

Secretary's Order No. 17465.—Piles were driven, platforms erected and morgue buildings and shed were constructed on the pier foot of Twenty-sixth street by the Department of Charities, under permit of the Board. Begun August 30, 1897, and finished June 14, 1898.

Foot of Twenty-eighth Street, E. R.

Secretary's Order No. 18403.—Two 43-ton reels of wire were landed at the bulkhead foot of Twenty-eighth street, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. The reels were landed August 16, 1898, and removed during the night.

Secretary's Order No. 18418.—One 40-ton reel of wire was landed on the bulkhead foot of Twenty-eighth street, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. The reel was landed August 30 and removed August 31, 1898.

Secretary's Order No. 18459.—Two reels of wire, 42 and 43 tons respectively, were landed at the bulkhead foot of Twenty-eighth street, East river, by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. The reels were landed, one on the night of September 9 and the other on September 10, 1898, and both were removed during September 10, 1898.

Secretary's Order No. 18544.—A 40-ton reel of wire was landed at the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. The reel was landed and removed on October 28, 1898.

Secretary's Order No. 18647.—Two reels of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished November 23, 1898.

Between East Twenty-eighth and East Twenty-ninth Streets, E. R.

Secretary's Order No. 18105.—Two 46-ton reels of wire were landed on the bulkhead between the above streets by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished May 6, 1898.

Pier at Twenty-ninth Street, E. R.

Secretary's Order No. 18164.—A swimming bath was moored on the northerly side of the pier at Twenty-ninth street, East river, by James Monahan, under permit of the Board. Begun and finished June 3, 1898.

Between Thirtieth and Thirty-first Streets, E. R.

Secretary's Order No. 18231.—Repairs were made to the bulkhead between the above streets by G. F. & E. C. Swift, under permit of the Board. The work consisted of placing about 100 feet of new backing-log and replacing two new fender piles. Begun June 15 and finished June 17, 1898.

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

Secretary's Order No. 18226.—A shed about 30 by 40 feet with corrugated iron covering was erected on the pier by the Bridgeport Steamboat Company, under permit of the Board. Begun June 27 and finished July 15, 1898.

Secretary's Order No. 18319.—A temporary scaffold was built under the pier at East Thirty-first street, by William Wicke & Co., under permit of the Board. Begun July 12 and finished July 13, 1898.

Secretary's Order No. 18000.—Two small signs were placed on the temporary fence at the foot of Thirty-first street by the Bridgeport Steamboat Company, under permit of the Board, directing that the steamer "Rosdale" would leave from the foot of Thirty-second street, East river, until the repairs to East Thirty-first street pier were completed. Begun and finished March 29, 1898.

Pier at East Thirty-second Street, E. R.

Secretary's Order No. 17209.—This order called for supervising repairs to pier at foot of Thirty-second street, East river, by John H. Starin, lessee, and in default of his making said repairs the work to be done by the Department force, and the cost reported for collection from said lessee. The work was begun under this order on May 18, 1897; by reason of the release of the pier this order was deemed to have become practically void, and was returned to the Engineer-in-Chief on April 14, 1898.

Between East Thirty-second and East Thirty-third Streets, E. R.

Secretary's Order No. 17031.—A grain elevator, together with boiler-house, engine, etc., was erected on the private property between above streets by Clark & Allen, under permit of the Board. Begun May 24 and finished July 9, 1898.

East Thirty-fourth Street, E. R.

Secretary's Order No. 17907.—General repairs were made to the premises by the Long Island Railroad Company, in conjunction with repairs at Hunter's Point, Borough of Queens. Begun March 1 and finished August 19, 1898.

Between East Thirty-fifth and Thirty-sixth Streets, E. R.

Secretary's Order No. 18583.—A temporary platform was erected between the above streets by William P. Youngs & Brothers, under permit of the Board. Begun November 8 and finished December 12, 1898.

Secretary's Order No. 18633.—A temporary pile platform was erected between the above streets by E. E. Anderson, under permit of the Board. Begun November 25 and finished December 12, 1898.

Foot of Thirty-eighth Street, E. R.

Secretary's Order No. 18105.—A gate leading to the cable box under the dump of the Street Cleaning Department at the foot of Thirty-eighth street, East river, was placed by the New York Telephone Company, under permit of the Board. Begun and finished May 3, 1898.

Bulkhead foot of Thirty-ninth Street, E. R.

Secretary's Order No. 18585.—Repairs were made to the outer 50 feet of the dump on the bulkhead; also to the remaining portion of the structure, to make it safe, by William Hastorf, upon notification by the Board. The work consisted in placing new sills for the posts, new braces and rangers for the overhang, and repairs to the deck sheathing, sill and tie-rod. Begun November 16 and finished December 13, 1898.

Bulkhead Platform between Forty-seventh and Forty-eighth Streets, E. R.

Secretary's Order No. 17969.—Sixteen oak fender piles were driven and chocked and side-chocks and rangers were renewed and repaired by W. J. Peck, lessee under order. Begun March 14 and finished April 4, 1898.

Foot of Forty-eighth Street, E. R.

Secretary's Order No. 18664.—A wooden mooring post was replaced at the south side of the bulkhead, foot of Forty-eighth street, by the American Malting Company, upon notification from the Board. Begun and finished December 31, 1898.

Between Fifty-ninth and Sixtieth Streets, E. R.

Secretary's Order No. 17448.—Buildings were erected on the land under water between the above streets by the New York Steam Company, under permit of the Board. Begun August 18 and finished August 19, 1898.

Foot of East Sixty-second Street, E. R.

Secretary's Order No. 18089.—Two reels of wire were landed by employees of the Merritt & Chapman Derrick and Wrecking Company, under permit. Begun and finished May 2, 1898.

Foot of East Sixty-third Street, E. R.

Secretary's Order No. 17481.—The grain elevator at the foot of Sixty-third street, East river, was heightened by Adam Neidlinger under permit of the Board. Begun February 7 and finished April 8, 1898.

Bulkhead at East Sixty-fourth Street, E. R.

Secretary's Order No. 17908.—Four 35-ton reel of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit. Begun and finished February 22, 1898.

Foot of Sixty-fourth Street, E. R.

Secretary's Order No. 18109.—Two 38-ton reels of wire were landed on the bulkhead by the Merritt & Chapman Derrick and Wrecking Company, under permit of the Board. Begun April 2 and finished April 3, 1898.

Pier foot of Sixty-fourth Street, E. R.

Secretary's Order No. 18452.—The landing place used by the Department of Correction was changed from the pier, foot of Sixty-fourth street, to the pier, foot of Seventieth street, East river, by the said Department, under permit of the Board. Begun September 2 and finished September 19, 1898.

Between Seventy-ninth and Eightieth Streets, E. R.

Secretary's Order No. 18604.—Repairs were made to the bulkhead platform between Seventy-ninth and Eightieth streets, by Nathaniel Wise, lessee. The work consisted of repairs to one bearing pile, two fender piles, and the deck sheathing. Begun November 12 and finished November 21, 1898.

Between Eighty-first and Eighty-second Streets, E. R.

Secretary's Order No. 18143.—A platform was erected in front of the bulkhead between the above streets by D. Brinkman, under permit of the Board. Begun June 6 and finished June 18, 1898.

Secretary's Order No. 18347.—A coal hoisting machine was placed on the platform between Eighty-first and Eighty-second streets, East river, by D. Brinkman, under permit of the Board. Begun August 15 and finished September 24, 1898.

Pier foot of East Ninety-first Street, E. R.

Secretary's Order No. 17976.—An ice bridge, scales and tally-house were erected on the pier by the Consolidated Ice Company, under permit of the Board. Begun April 1 and finished May 24, 1898.

Bulkhead foot of Ninety-third Street, E. R.

Secretary's Order No. 17984.—An ice bridge was removed from the bulkhead by the Consolidated Ice Company, upon notification by the Board. Begun March 26 and finished March 28, 1898.

Secretary's Order No. 18345.—The street at the foot of East Ninety-third street, East river, was opened, and a salt-water pipe repaired by George Ehret, under permit of the Board. Begun July 20 and finished September 17, 1898.

Secretary's Order No. 18241.—Ten fender piles were driven at the foot of above street for the protection of two 20-inch salt-water pipes, by George Ehret, under permit of the Board. Begun September 7 and finished September 17, 1898.

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

Secretary's Order No. 18043.—A pole was erected by employees of the Fire Department, under permit and in accord with plans. Begun April 13 and finished April 14, 1898.

Between First Avenue, Ninety-fifth and Ninety-sixth Streets, E. R.

Secretary's Order No. 17184.—This order called for supervising the erection of a building between the above streets by the Metropolitan Street Railway Company, under permit of this Board. This work was begun May 25, 1897, but it being ascertained that the work was outside of the 70-feet limit, and not under the jurisdiction of this Department, the order was returned on September 20, 1898.

Between East Ninety-fifth and Ninety-sixth Streets, E. R.

Secretary's Order No. 18460.—Caissons, discharge and suction-pipes, etc., are being placed at the marginal street between Ninety-fifth and Ninety-sixth streets, East river, by the Metropolitan Street Railway Company, under permit of the Board. Begun and finished July 5, 1898.

Pier at East Ninety-sixth Street, E. R.

Secretary's Order No. 18104.—A telegraph pole was placed on the pier at the junction of the wall and dock at the pier, foot of Ninety-sixth street, by the Fire Department, under permit of the Board, in order to provide telegraphic communication with the fire-boat located thereat. Begun and finished May 9, 1898.

Secretary's Order No. 18139.—A 2½-inch iron pipe was placed on the stringer under the pier at East Ninety-sixth street. Also, an iron connection post was placed at the terminus of pipe, with the berth occupied by the fire-boat. Also, a hole about 8 inches in diameter was cut in the floor of the pier to connect the post and pipe. Begun May 9 and finished May 11, 1898.

Foot of Ninety-ninth Street, E. R.

Secretary's Order No. 17797.—The slips of the New York and College Point Ferry Company have been partially transferred by said company, under permit of the Board. Begun and finished June 3, 1898.

Secretary's Order No. 18127.—This order calls for the removal by Department force of the fence erected by the Consolidated Gas Company, so as to afford access to City property at foot of East Ninety-ninth street. The necessity of removal by Department force was obviated by the gas company removing the fence, which work was begun May 14 and completed May 16, 1898.

Bulkhead at One Hundred and Eleventh Street, H. R.

Secretary's Order No. 17769.—A 3-inch pipe was placed down the face of the bulkhead to the river-bed by employees of the Fire Department, under permit. Begun January 3 and finished January 5, 1898.

Between East One Hundred and Eleventh and One Hundred and Twelfth Streets, H. R.

Secretary's Order No. 18302.—Four mooring posts were placed on the bulkhead between the above streets by the New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun June 25 and finished June 28, 1898.

Secretary's Order No. 18400.—Four oak piles were driven in the rear of the bulkhead between East One Hundred and Eleventh and One Hundred and Twelfth streets, to be used as mooring posts by the New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun August 15 and finished August 17, 1898.

Pier at East One Hundred and Twelfth Street, H. R.

Secretary's Order No. 18385.—The pavement was taken up and a 4-inch composition conduit, surrounded by concrete in a wooden box, was placed parallel to the southerly curb, and about 12 feet northerly therefrom, by the Consolidated Telegraph and Electrical Subway Company, under permit of the Board. Begun August 4 and finished August 9, 1898.

Pier foot of East One Hundred and Sixteenth Street.

Secretary's Order No. 17251.—Buildings—waiting rooms and ambulance station, etc.—were erected on the pier by the authorities of the Manhattan State Hospital, under permit of the Board. Begun September 29, 1897, and finished February 16, 1898.

Secretary's Order No. 18145.—A crab hoist was erected and a gangway placed at the outer end of the pier at East One Hundred and Sixteenth street, Harlem river, by the Manhattan State Hospital. Begun June 7 and finished June 24, 1898.

Between East One Hundred and Eighteenth and One Hundred and Nineteenth Streets, H. R.
Secretary's Order No. 18404.—Six piles were driven parallel to the avenue at about 35 feet from the bulkhead, for the purpose of breasting off a yacht, by Archibald Watt, under permit of the Board. Begun and finished June 8, 1898.

Pier at East One Hundred and Nineteenth Street, H. R.

Secretary's Order No. 18286.—An icebridge, scales and a tally-house have been partially removed from the pier by William M. Montgomery & Co., the former lessees, upon notification from the Board. Begun July 11, 1898; suspended.

Between East One Hundred and Twenty-fourth and One Hundred and Twenty-fifth Streets, H. R.

Secretary's Order No. 18269.—Repairs were made to the private pier adjoining bulkhead on the south side of East One Hundred and Twenty-fifth street, Harlem river, by A. Steers, occupant. The work consisted of making repairs to the northerly end of the pier. Begun August 29 and finished September 1, 1898.

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

Secretary's Order No. 18186.—The work of changing the location of the telegraphic cable at the foot of One Hundred and Twenty-fifth street by the New York Telephone Company, under permit of the Board, was supervised. Begun July 8 and finished August 22, 1898.

Willis Avenue, H. R.

Secretary's Order No. 17823.—About 50 white oak fender piles were driven, and repairs were made to the pile clusters at the transfer bridges at above premises, by New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun January 25 and finished January 27, 1898.

One Hundred and Thirtieth Street, H. R.

Secretary's Order No. 17624.—Launching ways were erected and removed by employees of Moore & Packard, under permit. Begun November 1, 1897, and finished January 3, 1898.

Bulkheads on Both Sides of H. R. between One Hundred and Thirtieth Street and Third Avenue.

Secretary's Order No. 17251.—An opening of bulkhead was made for the purpose of constructing a marine subway. Begun December 1, 1897, and finished January 22, 1898.

East side of Harlem River, near Third Avenue Bridge.

Secretary's Order No. 17696.—The driving and fastening of seven bearing piles at pile platform was done by the J. L. Mott Iron Works, under permit. Begun November 24, 1897, and finished January 3, 1898.

One Hundred and Thirty-fifth Street, Railroad Avenue and Mott Haven Canal.

Secretary's Order No. 18273.—A transfer bridge and freight house were erected at above premises, and tracks were laid thereat by Harlem Transfer Company, under permit from the Board. Begun June 25 and finished July 27, 1898.

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

Secretary's Order No. 16322.—Filling is being deposited on the easterly side of Harlem river, the vicinity of above premises, by John Cromwell, under permit of the Board. Begun November 29, 1895; in progress.

East Side of Harlem River North of One Hundred and Thirty-eighth Street.

Secretary's Order No. 18402.—About 200 linear feet of backing-log of 12 by 12 yellow pine was placed on the river front and in the slip, and one new mooring post, and about 35 half-round fenders were placed by John J. Bell, under permit. Begun August 18 and finished September 8, 1898.

One Hundred and Forty-fourth Street, East Side of H. R.

Secretary's Order No. 15598.—Filling is being deposited in this vicinity by Jordan L. Mott, under permit from the Board. Begun November 11, 1895; in progress from time to time.

One Hundred and Forty-sixth Street, Cheever Place, H. R.

Secretary's Order No. 17856.—A crib-bulkhead was erected at above premises by Charles Van Riper, under permit of the Board. Begun March 25, 1897, and finished June 14, 1898.

Secretary's Order No. 18055.—The area of land in rear of crib-bulkhead recently erected was filled in to grade by John F. Allen, under permit of the Board. Begun April 8 and finished December 31, 1898.

One Hundred and Forty-seventh Street, H. R.

Secretary's Order No. 17180.—The area from the northerly side of One Hundred and Forty-seventh street to the southerly side of One Hundred and Fiftieth street, and for a distance of 232 feet westerly of Lenox avenue, is being filled in to a grade of five feet above high water by John D. Crimmins, under permit of the Board. Begun April 22, 1897; in progress from time to time.

South of One Hundred and Fiftieth Street, east side of H. R.

Secretary's Order No. 17828.—Sixty-three bearing piles were driven and fastened, cross-caps were placed and the deck renewed where necessary, under permit by J. G. Walsh, contractor. Begun February 26 and finished July 11, 1898.

One Hundred and Fifty-third Street, H. R.

Secretary's Order No. 18024.—Foundation piles were driven at above premises for the purpose of mooring a boat-house, by the Lone Star Boat Club, under permit of the Board. Begun May 16 and finished May 21, 1898.

Morris Heights, H. R.

Secretary's Order No. 16323.—Filling was deposited at above premises, north of Powell place, by Gas Engine and Power Company, under permit of the Board. Begun June 1, 1896, and finished February 1, 1898.

Secretary's Order No. 18579.—A third set of launching ways was constructed at above premises by Gas Engine and Power Company and Charles L. Seabury Company, Consolidated, under permit of the Board. Begun November 1 and finished November 15, 1898.

Secretary's Order No. 18656.—A steel shed was erected over the bending table located at above premises by Gas Engine and Power Company and Charles L. Seabury Company, Consolidated, under permit of the Board. Begun December 1 and finished December 17, 1898.

Pier southerly of East One Hundred and Eighteenth Street, H. R.

Secretary's Order No. 17941.—Three new spruce fender piles were driven and fastened on the north side, two new mooring posts were placed on the outer end and repairs made to the backing-log and decking by R. H. Wolff & Co. under permit. Begun March 4 and finished March 17, 1898.

Pier south of Washington Bridge.

Secretary's Order No. 18463.—Repairs were partially made to the pier by the estate of W. B. Ogden upon notification from the Board. Begun and finished November 20, 1898.

Sherman's Creek, H. R.

Secretary's Order No. 17155.—A permit granted to A. C. Chenoweth to erect certain structures on crib-bulkhead. Commenced May 17, 1897. This order was superseded by Secretary's Order No. 18337.

Willow Avenue, Bronx Kills.

Secretary's Order No. 15389.—The filling of above premises was extended and a rip-rap embankment to retain same has been constructed by New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun September 16, 1895; in progress from time to time.

Secretary's Order No. 15574.—Filling was deposited at above premises by the Port Morris Land and Improvement Company, under permit of the Board. Begun November 29, 1895, and finished June 1, 1898.

A rip-rap retaining structure was constructed at above premises for the purpose of retaining the above filling, by the same parties, under permit of the Board. Begun January 23, 1897, and finished June 1, 1898.

Westchester Avenue, Bronx River.

Secretary's Order No. 17676.—A temporary bridge is being constructed at the above premises by the Department of Street Improvements (Department of The Bronx, successor), under permit of the Board. Begun December 13, 1897; in progress.

Secretary's Order No. 18115.—Repairs were made to the old dock at Fort Schuyler road by Northern Gas Company, under permit of the Board. Begun May 10 and finished July 15, 1898.

West Farms, Bronx River.

Secretary's Order No. 17464.—A crib bulkhead was erected at above premises, on property adjoining that of the New York, New Haven and Hartford Railroad Company, by Olin J. Stevens, under permit of the Board. Begun July 1 and finished December 31, 1898.

Tiffany Street, Bronx Borough.

Secretary's Order No. 18034.—A small pier, about 100 feet in length and 24 feet in width, was erected at above premises by James T. Daily, under permit of the Board. Begun April 8 and finished April 16, 1898.

Riker's Island.

Secretary's Order No. 18594.—One hundred temporary piles (portion to be used as fenders, and the remainder for the support of temporary structures) were driven along the southerly crib at Riker's Island by R. H. Hood, under permit of the Board. Begun December 4 and finished December 9, 1898.

Secretary's Order No. 18566.—About forty piles, for supporting temporary structures and berthing vessels, were driven in front of the cribwork at the southerly end of Riker's Island by John D. Dailey, under permit of the Board. Begun November 7 and finished December 15, 1898.

Clason's Point, Long Island Sound.

Secretary's Order No. 17490.—The salt meadows above high-water mark, at above premises, were filled in by dredging in front of the small dock thereat, and depositing the material in its rear, by Clinton Stephens, under permit of the Board. Begun September 22 and finished October 31, 1897, but not reported until June 8, 1898.

Oak Point (Leggett's Creek), Long Island Sound.

Secretary's Order No. 10938.—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. This work is being confined at the present time to the property owned by the above company. Begun September 15, 1895; in progress from time to time.

Oak Point, near the foot of East One Hundred and Fifty-first Street, Long Island Sound.

Secretary's Order No. 18262.—Thirteen mooring piles were driven by Warren Rosevelt, contractor, for M. C. Vandervoort, under permit. Begun June 24 and finished June 29, 1898.

BOROUGH OF BROOKLYN.

Norton's Point.

Secretary's Order No. 18225.—Erection of breakwater under permit granted Atlantic Yacht Club. Begun April 18 and finished May 31, 1898.

Secretary's Order No. 18063.—Removal of same from Fifty-fifth street to Sea Gate, under permit granted Crescent Construction Company. Begun April 21, and finished May 13, 1898.

Bulkhead foot of Bay Twenty-second Street, Bath Beach.

Secretary's Order No. 18739.—Repairs were made under permit granted J. & F. Kelly. Begun December 16; under way.

Crib-bulkhead foot of Bay Twentieth Street, Bath Beach.

Secretary's Order No. 18662.—Repairing under permit granted Otto Huber. Begun December 1, 1898; under way.

Crib-bulkhead between Forty-second and Forty-third Streets.

Secretary's Order No. 17910.—Repairs were made under permit granted Bush Company, Limited. Begun February 24 and finished April 9, 1898.

Pier between Fortieth and Forty-first Streets.

Secretary's Order No. 18582.—Construction of shed under permit granted Bush Company, Limited. Begun November 14, 1898; under way.

Secretary's Order No. 18093.—Construction under permit granted Bush Company, Limited. Begun April 27; suspended.

Basin foot of Twentieth Street.

Secretary's Order No. 18478.—Driving piles for mooring bath under permit granted James Du Bois & Co. Begun and finished about September 25, 1898.

Bulkhead at Henry Street Slip, Gowanus Canal.

Secretary's Order No. 18181.—Repairs were made under permit granted J. P. Robinson. Begun August 24 and finished September 1, 1898.

Foot of Creamer Street, Gowanus Canal.

Secretary's Order No. 18249.—Cutting through bulkhead for sewer under permit granted D. J. Creem. Begun July 22 and finished July 30, 1898.

Gowanus Canal at Hamilton Avenue.

Secretary's Order No. 18116.—Repairs to cable under permit granted Nassau Electric Railroad Company. Begun and finished July 20, 1898.

Gowanus Canal foot of Twelfth Street.

Secretary's Order No. 18303.—Repairing telephone cable under permit granted F. J. W. Burch. Begun June 25 and finished July 15, 1898.

Foot of Ninth Street and Gowanus Canal.

Secretary's Order No. 18363.—Replacing of hoisting pole under permit granted New York Tartar Company. Begun and finished July 20, 1898.

Dock foot of Third Street, Gowanus Canal.

Secretary's Order No. 18475.—Repairs were made under permit granted Nassau Electric Railroad Company. Begun September 12 and finished October 31, 1898.

Bulkhead on Gowanus Canal, between Carroll and First Streets.

Secretary's Order No. 17898.—Repairs were made under permit granted Watson & Pittinger. Begun February 23 and finished March 19, 1898.

Pier foot of Harrison Street.

Secretary's Order No. 17982.—Repairs were made and piles driven under permit granted John C. Scott. Begun March 22 and finished March 25, 1898.

Jewell's Wharf foot of Fulton Street.

Secretary's Order No. 18288.—Repairing and replacing fender piles under permit granted Hecker-Jones-Jewell Milling Co.—Begun and finished July 1, 1898.

Bulkhead foot of Adams Street.

Secretary's Order No. 18076.—Rebuilding a portion of same. Begun April 7 and finished July 8, 1898.

Pier foot of Bridge Street.

Secretary's Order No. 18581.—Driving and refastening fender piles and replacing 250 feet of backing-log under permit granted Estate of Poillon. Begun November 7 and finished November 15, 1898.

Pier 2, Wallabout Basin.

Secretary's Order No. 18134.—Erection of ice bridge, scale, tally and engine house, under permit granted Consolidated Ice Company. Begun April 26 and finished June 3, 1898.

Wallabout Canal at Washington Avenue.

Secretary's Order No. 18308.—Placing cables under permit granted Brooklyn Heights Railroad Company. Begun and finished June 29, 1898.

Pier foot of Kent Street.

Secretary's Order No. 18608.—Driving spring and fender piles, under permit granted Brooklyn Ferry Company. Begun November 21 and finished November 26, 1898.

Bulkhead between Kent and Division Avenues.

Secretary's Order No. 18658.—Replacing fender piles in front of same, under permit granted Brooklyn Heights Railroad Company. Begun December 7 and finished December 15, 1898.

Pier foot of South Third Street.

Secretary's Order No. 18343.—Erection of temporary gangway under permit granted American Sugar Refining Company. Begun July 18 and finished August 2, 1898.

Pier foot of South Fifth Street.

Secretary's Order No. 18362.—Erection of derrick under permit granted Degnon, McLean Construction Company. Begun July 11 and finished July 23, 1898.

Ferry Premises foot of Grand Street, and from South Sixth to South Ninth Street.

Secretary's Order No. 18557.—General repairs were made, under permit granted Brooklyn Ferry Company for a period of three months beginning October 28, 1898.

Foot of Grand Street.

Secretary's Order No. 18508.—Removal of old bridge and rack, dredging slip, renewal of bridge seat, repairs to "A" pier and construction of new bridge and rack, under permit granted Nassau Ferry Company. Begun October 10 and finished December 13, 1898.

Bulkhead between North Second and North Third Streets.

Secretary's Order No. 17867.—Repairs were made, under permit granted American Coffee Company. Begun March 7 and finished June 28, 1898.

Pier between North Second and North Third Streets.

Secretary's Order No. 17869.—Construction under permit granted American Coffee Company. Begun April 11 and finished July 11, 1898.

Pier between North Second and North Third Streets.

Secretary's Order No. 18416.—Erection of shed, under permit granted American Coffee Company. Begun July 15; suspended.

North Fifth Street Pier.

Secretary's Order No. 18552.—Repairs to side caps and fender piles, under permit granted Pennsylvania Railroad Company. Begun October 23 and finished October 25, 1898.

Fulton Street Annex Station—Piers foot of North Fourth and North Fifth Streets.

Secretary's Order No. 18568.—General repairs were made by the Pennsylvania Railroad Company, under permit of the Board, for a period of six months, beginning November 1, 1898.

Piers between North Fourth and North Tenth Streets, and at Freeman Street and Newtown Creek.

Secretary's Order Nos. 17878 and 18321.—General repairs were made, under permit of the Board, by Lowell M. Palmer for a period of twelve months, beginning February 9, 1898.

Pier foot of North Sixth Street, North Side.

Secretary's Order No. 17791.—Three fender piles were driven, fastened and chocked and repairs made to the deck planks by Lowell M. Palmer, under permit. Begun January 17 and finished January 27, 1898.

Piers foot of North Sixth (South Side), North Ninth and North Tenth Streets.

Secretary's Order No. 17790.—Four fender piles were driven, fastened and chocked on Pier foot of North Sixth street (south side).

Three fender piles were driven, fastened and chocked on Pier foot of North Ninth street. Repairs were made to the side cap, one cross cap, horizontal and vertical chocks and six fender piles were driven and chocked on Pier foot of North Tenth street, by Lowell M. Palmer, under permit of the Board. Begun January 8 and finished January 12, 1898.

Bulkhead foot of Quay Street.

Secretary's Order No. 18630.—Driving and repairing fender piles in front of bulkhead, under permit granted George W. Palmer. Begun November 21 and finished November 23, 1898.

Platform Dock between Noble and Milton Streets.

Secretary's Order No. 17949.—Construction of same under permit granted American Manufacturing Company. Begun March 21 and finished May 15, 1898.

Ferry Premises foot of Greenpoint Avenue.

Secretary's Order No. 18611.—Repairs to same, under permit granted Brooklyn Ferry Company. Begun December 1, 1898; under way.

Bulkhead on Newtown Creek.

Secretary's Order No. 18477.—Repairs were made for Kings County Oil Works, under permit granted Standard Oil Company. Begun September 20 and finished November 7, 1898.

Dock between Setauket and Rankin Streets, Newtown Creek.

Secretary's Order No. 18103.—Repairs made under permit granted A. S. Kearney, agent. Begun April 29 and finished May 20, 1898.

BOROUGH OF QUEENS.

Bulkhead on Newtown Creek.

Secretary's Order No. 18068.—Repairs were made under permit granted to William Halls, Jr. Begun April 21 and finished May 13, 1898.

Secretary's Order No. 18219.—Repairs were made under permit granted to William Halls, Jr. Begun May 14 and finished May 25, 1898.

Secretary's Order No. 18301.—Repairs were made under permit granted F. W. Devoe. Begun June 24 and finished August 12, 1898.

Dock Foot of Tenth Street, Hunter's Point.

Secretary's Order No. 18476.—Repairs to backing-log and fender system were made, under permit granted Standard Oil Company. Begun December 1 and finished December 7, 1898.

Crib-Bulkhead, Long Island City.

Secretary's Order No. 17966.—Constructed under permit granted Young & Metzner. Begun March 22 and suspended May 14, 1898.

Foot of Temple Street, Long Island City.

Secretary's Order No. 18373.—Raising sunken canal boat, under permit granted Trowbridge, Stephens & Winant. Begun July 1, 1898; under way.

Waiting-room, Astoria.

Secretary's Order No. 18071.—Extension to same, under permit granted New York and East River Ferry Company. Begun April 25 and finished May 17, 1898.

Crib-Bulkhead at Perrot Place, Astoria.

Secretary's Order No. 18305.—Construction of same, under permit granted to Lydia L. Rapelye. Begun August 13 and finished September 3, 1898.

Dock on Flushing Creek.

Secretary's Order No. 18094.—Extension to same, under permit granted to D. S. Jones & Company. Begun June 7 and finished November 7, 1898.

BOROUGH OF RICHMOND.

Port Richmond, S. I.

Secretary's Order No. 18224.—The National Lead Company drove clusters of piles in the Kill Von Kull. Commenced July 6 and completed July 7, 1898.

West Brighton, S. I.

Secretary's Order No. 17904.—Permit granted Frank McWilliams to extend pier near foot of Burger avenue to pierhead-line. Commenced February 24 and completed March 12, 1898.

Tottenville, S. I.

Secretary's Order No. 17857.—Permit granted to A. Kreussler to erect new pier. Permit revoked March 16, 1898; order returned March 19.

Secretary's Order No. 18200.—The Atlantic Terra Cotta Company erected this dock. Commenced June 7 and completed September 23, 1898.

Secretary's Order No. 18607.—Cole Brothers repaired dock foot of Main street. Commenced November 25 and completed December 7, 1898.

Tompkinsville, S. I.

Secretary's Order No. 18615.—The American Dock and Trust Company drove bearing and fender piles at these docks. Commenced November 8 and completed November 18, 1898.

NEW WHARFAGE ROOM.

NEW WHARFAGE ROOM MADE DURING THE YEAR ENDING DECEMBER 31, 1898.
CONSTRUCTION UNDER THE "NEW PLAN."

North River—	Linear Feet.
Warren Street Section (bulkhead-wall).....	45
Gansevoort Section (bulkhead-wall).....	1,201
West Thirty-third Street Section (bulkhead-wall).....	44
West Thirty-fourth Street Section (bulkhead-wall).....	194
Extension to Pier, new 20, North river.....	275
Extension to Pier, new 21, North river.....	298
Pier at West Eleventh street, North river.....	1,620
Pier at Bank street, North river.....	1,594
Pier at Bethune street, North river.....	1,504
Pier at Jane street, North river.....	1,522
Pier at Gansevoort street, North river.....	1,125
Extension to pier at West Twentieth street, North river.....	152
Pier at West Thirty-fourth street, North river.....	1,500
Extension to pier at West Fiftieth street, North river.....	460
Extension to pier at West One Hundred and Twenty-ninth street, North river.....	416
East River—	12,070
Pier at East Fourth street, East river.....	684
Pier at East Twentieth street, East river.....	377
Pier at East One Hundred and Twelfth street, Harlem river.....	575
Total new wharfage room made under the "New Plan".....	13,766

CONSTRUCTION NOT UNDER "NEW PLAN."

North River—	Linear Feet.
Crib-bulkhead between One Hundred and Thirty-fifth and One Hundred and Thirty-seventh streets, North river.....	410
East River—	
Extension to Penitentiary Dock at Blackwell's Island, East river.....	100
Bulkhead at East Forty-seventh street, East river.....	118
Pier 44, East river.....	570
Pier 48, East river.....	725
New wall constructed in the Wallabout-Basin, in the Borough of Brooklyn.....	1,000
Total new wharfage room made not under the "New Plan".....	2,923

TEMPORARY CONSTRUCTION UNDER "NEW PLAN."

East River—	
Pier at East Twentieth street, East river.....	475
Total new wharfage room made under temporary construction "New Plan".....	475
Making a grand total for the year of.....	17,104

NEW BULKHEAD-WALL BUILT BY THE DEPARTMENT OF DOCKS AND FERRIES FOR PRIVATE PARTIES, AT THEIR COST AND EXPENSE, DURING THE YEAR ENDING DECEMBER 31, 1898.

North River—	Linear Feet.
Murray Street Section (for Rheinlander estate).....	160
Park Place Section (for Rheinlander estate).....	40
Total new bulkhead-wall built at the cost and expense of private parties.....	200

THE FOLLOWING WHARFAGE ROOM WAS DESTROYED DURING THE YEAR.

North River—

	Linear Feet.
Barclay Street Section, North river.....	176
Park Place Section, North river.....	86
Murray Street Section, North river.....	156
Pier, old 40, North river.....	848
Pier, old 57, North river.....	360
Pier at West Thirty-fourth street, North river.....	830
Pier, new 20, North river (outer end).....	79
Pier, new 21, North river (outer end).....	100
Bulkhead at Bloomfield street, North river.....	50
Pier at West Fiftyth street, North river (outer end).....	60
Pier, old 28, North river (across pier).....	74
Pier at East Eleventh street (bulkhead covered by pier).....	125
Pier at Bank street (bulkhead covered by pier).....	125
Pier at Bethune street (bulkhead covered by pier).....	125
Pier at Jane street (bulkhead covered by pier).....	110
Pier at Gansevoort street (bulkhead covered by pier).....	70
Pier at West Twentieth street, North river (outer end).....	60

3,434

East River—

Pier 44, East river.....	756
Pier 48, East river.....	725
Pier at East Fourth street, East river (inner end).....	60
Pier at East Twentieth street, East river (inner end).....	68
Pier at East One Hundred and Twelfth street, Harlem river.....	63

1,672

Making a total of wharfage room destroyed during the year of..... 5,106

NEW WHARFAGE ROOM TO BE MADE, BY WORK BEGUN, BUT NOT FINISHED, DURING THE YEAR.

North River—

	Linear Feet.
Barclay Street Section (extended).....	137
Park Place Section.....	177
(NOTE.—The above is being done by this Department at cost and expense of Rhinelander estate.)	
Pier, old 56½ (extension).....	504
Bloomfield Street Pier.....	711
" " (extension).....	305
Pier, new 31, North river.....	1,752
Watts Street Section (bulkhead wall).....	65

3,651

East River—

	Linear Feet.
Pier at East Twentieth street, East river.....	826
Pier 44, East river.....	232
East Ninety-ninth Street Section (bulkhead wall).....	118

1,176

Borough of Brooklyn—

Wallabout Basin (new wall).....	77
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Total new wharfage room begun, but not finished, during the year..... 4,904

NEW WHARFAGE ROOM MADE BY PRIVATE PARTIES, UNDER PERMIT FROM THE DEPARTMENT OF DOCKS AND FERRIES, DURING THE YEAR ENDING DECEMBER 31, 1898.

Borough of Manhattan—

	Linear Feet.
Pier, old 25, North river (extension).....	238
Pier, old 27, North river (extension).....	265
Platform between East Thirty-fifth and Thirty-sixth streets, East river.....	220
Bulkhead between East Eighty-first and Eighty-second streets, East river.....	50

773

Borough of The Bronx—

Crib-bulkhead near One Hundred and Forty-fourth street, Harlem river.....	101
Pier foot of Tiffany street, East river.....	304
Crib near Westchester avenue, Bronx river.....	316
Platform at Westchester, Westchester creek.....	660

1,381

Borough of Brooklyn—

Bulkhead between North Second and North Third streets.....	90
Pier between North Second and North Third streets.....	704
Platform between Noble and Milton streets.....	220
Pier between Fortieth and Forty-first streets, South Brooklyn.....	598
Bulkhead between Fortieth and Forty-first streets, South Brooklyn.....	40

1,652

Borough of Queens—

Bulkhead south of Harris avenue, Astoria.....	229
Bulkhead in Flushing creek, Flushing.....	420
Bulkhead at Perrot place, Astoria.....	100

749

Borough of Richmond—

Pier at Tottenville (Atlantic Terra-Cotta Company).....	772
Extension to Pier at West Brighton.....	310
Pier at Tottenville (Kreusler).....	360

1,442

Total new wharfage room made by private parties during the year..... 5,997

NEW WHARFAGE ROOM BEGUN, BUT NOT FINISHED, BY PRIVATE PARTIES, UNDER PERMIT FROM THE DEPARTMENT OF DOCKS AND FERRIES, DURING THE YEAR.

Borough of Manhattan—

	Linear Feet.
Desbrosses Street Section (new wall).....	331
South Canal Street Section (new wall).....	130

461

Borough of Richmond—

New pier at Port Richmond.....	234
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Total new wharfage room begun, but not finished, by private parties, during the year..... 695

WHARFAGE ROOM REMOVED BY PRIVATE PARTIES DURING THE YEAR, UNDER PERMIT FROM THE DEPARTMENT OF DOCKS AND FERRIES.

Borough of Manhattan—

	Linear Feet.
Desbrosses Street Section.....	229
Pier, old 25, North river (outer end).....	49
Pier, old 27, North river (outer end).....	55
Pier, old 41, North river (inner end).....	237
Platform between East Thirty-fifth and East Thirty-sixth streets, East river.....	210

780

Borough of Brooklyn—

Bulkhead between North Second and North Third streets.....	45
Pier between North Second and North Third streets.....	375
Bulkhead between Milton and Noble streets.....	181
Pier between Fortieth and Forty-first streets, South Brooklyn.....	638

1,239

Borough of Queens—

Bulkhead south of Harris avenue, Astoria.....	160
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Total wharfage room destroyed by private parties during the year..... 2,179

Total Length of Bulkhead or River Wall Completed to Date, on the Granite Course, under the Coping.

	BY THE CITY.	BY THE CITY AT COST AND EXPENSE OF PRIVATE PARTIES.	BY PRIVATE PARTIES.
	Linear Feet.	Linear Feet.	Linear Feet.
On North river.....	14,022	451	436
On East river.....	2,706	....	....
On Harlem river.....	2,072	....	....
Wallabout Basin.....	2,754	....	....
Totals.....	21,554	451	436

Or a grand total of wall built to date, of..... 22,441 linear feet.

The net increase of new wharfage room made during the year ending December 31, 1898, is 11,998 linear feet by the City, and 200 linear feet built by the City at the cost and expense of private parties, making a total of 12,198 linear feet made by the City; 3,808 linear feet have been also made by private parties, making altogether a grand total of 16,006 linear feet of new wharfage room made during the year.

The superficial area of the City's piers has been increased by 632,000 square feet, and decreased by 71,000 square feet, making a net increase of 552,000 square feet.

Six new piers have been completed by the City on the North river and two on the East river.

Five piers have been extended on the North river by the City, and two piers have been extended on the North river by private parties.

Of the bulkhead or river wall completed during the year, 1,550 linear feet have been built on the North river by the City, and 200 linear feet have been built on the North river by the City at the cost and expense of private parties, and 1,000 linear feet have been built by the City in the Wallabout Basin, in the Borough of Brooklyn; making a total of new bulkhead or river wall built by the City during the year, of 2,754 linear feet.

APPROVED PAPERS.

Approved Papers for the Week ending October 7, 1899.

No. 900.

Resolved, That permission be and the same is hereby given to Joseph A. Farley to erect, place and keep bay-windows, as shown upon the accompanying diagram, in front of his premises, now in course of erection, on the north side of One Hundred and Sixth street, between West End avenue and Riverside drive, in the Borough of Manhattan, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, September 5, 1899.

Adopted by the Council, September 26, 1899.

Approved by the Mayor, October 2, 1899.

No. 901.

Resolved, That permission be and the same is hereby given to the Abbey Effervescent Salt Company to parade with six advertising wagons through the streets and thoroughfares of The City of New York, provided the advertising matter on said wagons is wholly of an unobjectionable character, the work to be done at the said company's own expense, under the direction of the Chief of Police; such permission to continue only for a period of thirty days from the date of approval hereof by his Honor the Mayor.

Adopted by the Board of Aldermen, September 26, 1899.

Adopted by the Council, September 26, 1899.

Approved by the Mayor, October 2, 1899.

No. 902.

AN ORDINANCE to provide steam-heating apparatus for the New Brighton Village Hall, Borough of Richmond.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of section 413 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 30th day of November, 1898, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, viz.:

"Resolved, by the Board of Public Improvements, That, in pursuance of section 413 of the Greater New York Charter, the placing of an automatic, low-pressure steam heating apparatus in the New Brighton Village Hall, Borough of Richmond, under the direction of the Commissioner of Public Buildings, Lighting and Supplies, be and the same is hereby authorized and approved, the cost of said public work or improvement to be paid for from the appropriation made by the Board of Estimate and Apportionment on August 22, 1898."

Adopted by the Council, December 13, 1898.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 903.

AN ORDINANCE to grade, etc., Vernon avenue, Borough of Brooklyn.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 24th day of May, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the grading and paving with asphalt pavement of the carriage-way of Vernon avenue, between Flatbush and Rogers avenues, in the Borough of Brooklyn, with a guarantee of maintenance for five years from the contractor, and the setting or resetting of curb, and the flagging or reflagging of sidewalks of said street, where not already done, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being twenty-three thousand dollars. The said assessed value of the real estate included within the probable area of assessment is two hundred and twenty-eight thousand four hundred and sixty dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, June 13, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 904.

AN ORDINANCE to grade, etc., Grant street, Borough of Brooklyn.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 24th day of May, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the grading and paving of the carriage-way of Grant street with asphalt pavement, between Flatbush and Nostrand avenues, in the Borough of Brooklyn, with a guarantee of maintenance for five years from the contractor, and the setting or resetting of curb and the flagging or reflagging of sidewalks of said street, where not already done, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being twenty-eight thousand one hundred dollars. The said assessed value of the real estate included within the probable area of assessment is one hundred and sixty thousand eight hundred and seventy-nine dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, June 13, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 905.

AN ORDINANCE to grade, etc., Newkirk avenue, Borough of Brooklyn.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 24th day of May, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the grading and paving with asphalt pavement of Newkirk avenue, between Flatbush avenue and East Twenty-sixth street, in the Borough of Brooklyn, with a guarantee of maintenance for five years from the contractor, and the setting or resetting of curb and the flagging or reflagging of sidewalks of said street, where not already done, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being seven thousand seven hundred dollars. The said assessed value of the real estate included within the probable area of assessment is sixty thousand two hundred and eighty dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, June 13, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 906.

AN ORDINANCE to repave the carriageway of Sixty-fifth street, between Third and Lexington avenues, Borough of Manhattan.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of section 413 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 18th day of January, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, viz.:

Resolved, by the Board of Public Improvements, That, in pursuance of section 413 of the Greater New York Charter, the repaving of the carriageway of Sixty-fifth street, between Third and Lexington avenues, in the Borough of Manhattan, with asphalt on the present pavement, with a guarantee of maintenance for fifteen years by the contractor, under the direction of the Commissioner of Highways, be and the same is hereby authorized and approved, the cost of said public work or improvement to be paid for from the appropriation for "Repaving Streets and Avenues," Borough of Manhattan, for 1899.

Adopted by the Council, September 12, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 907.

AN ORDINANCE to pave Elm street, Borough of Manhattan.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 21st day of June, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the paving, where not already paved, of the carriageway of Elm street, from City Hall place to Great Jones street, Borough of Manhattan, with asphalt pavement on concrete foundation, with a guarantee of maintenance from the contractor for five years, and the laying of crosswalks at the intersecting and terminating streets thereof, where necessary, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being eighty-eight thousand dollars. The said assessed value of the real estate included within the probable area of assessment is nine million nine hundred and ninety-three thousand one hundred and fifty dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, September 12, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 908.

AN ORDINANCE to regulate, etc., Elm street, Borough of Manhattan.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 21st day of June, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the regulating and grading, setting of curbstones and flagging of sidewalks a space of four feet wide through the centre thereof, where not already done, of Elm street, from City Hall place to Great Jones street, Borough of Manhattan, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being forty-five thousand dollars. The said assessed value of the real estate included within the probable area of assessment is nine million nine hundred and ninety-three thousand one hundred and fifty dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, September 12, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 909.

AN ORDINANCE to regulate Pearl street, etc., Borough of Manhattan.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That, in pursuance of sections 413 and 422 of the Greater New York Charter, the following resolution of the Board of Public Improvements, adopted by that Board on the 21st day of June, 1899, be and the same hereby is approved, and the public work or improvement therein provided for is hereby authorized, and it is hereby determined that the cost and expense thereof shall be borne and paid as therein provided; namely,

Resolved, by the Board of Public Improvements, That, in pursuance of sections 413 and 422 of the Greater New York Charter, the reregulating and regrading of Pearl street, from the centre of Centre street to one hundred and ninety and twenty-five one-hundredths feet west of the centre of new Elm street; old Elm street, from the centre of Worth street to the centre of Duane street, Borough of Manhattan; the setting and resetting of curbstones and the flagging and reflagging of sidewalks thereon, to conform to the approved changes of grade, under the direction of the Commissioner of Highways, be and the same hereby is authorized and approved, there having been presented to said Board an estimate in writing, in such detail as the said Board has directed, of the cost of the proposed work or improvement, and a statement of the assessed value, according to the last preceding tax-roll, of the real estate included within the probable area of assessment, the estimated cost of said work being seven thousand dollars. The said assessed value of the real estate included within the probable area of assessment is three million one hundred thousand dollars.

And the said Board does hereby determine that no portion of the cost and expense thereof shall be borne and paid by The City of New York, but the whole of such cost and expense shall be assessed upon the property deemed to be benefited thereby.

Adopted by the Council, September 12, 1899.

Adopted by the Board of Aldermen, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 910.

AN ORDINANCE permitting the modification of certain contracts for improvements in Newtown, Borough of Queens.

Be it Ordained by the Municipal Assembly of The City of New York, as follows:

That the following preamble and resolution of the Board of Public Improvements, adopted by that Board on September 6, 1899, be and the same hereby is approved, viz.:

"Whereas, A certain contract was entered into on the 29th day of May, 1897, between William Booth and the Commissioners of Highways of the Town of Newtown, Borough of Queens, for the improvement of certain streets and avenues in said town; and

"Whereas, The amount of money raised by the issue of bonds for said improvements is insufficient to pay for them as projected by said Commissioners of Highways; and

"Whereas, By changing the character of the paving of nine of the streets from granite to macadam (the prices on both kinds of said pavements being a part and portion of said contract), the balance remaining, two hundred and eight thousand nine hundred and forty-three dollars and thirty-eight cents, will be more than sufficient to pay for said improvements if said contract be so modified; now be it

"Resolved, That the Commissioner of Highways be and is hereby authorized to modify said contract with the consent of the contractor, by changing the character of said improvement from granite block to macadam on the following streets and avenues, viz.:

"Furman avenue, Maiden lane, Old Brook School road, Juniper avenue, Grand avenue, Greenpoint avenue, Woodside avenue, Cypress avenue and Columbia avenue, Town of Newtown, Borough of Queens, the price to be paid for same to be the same as bid in the original contract for macadam pavement."

Adopted by the Board of Aldermen, September 26, 1899.

Adopted by the Council, September 26, 1899.

Approved by the Mayor, October 5, 1899.

No. 911.

Resolved, That permission be and the same is hereby given to William E. Diller to erect, place and keep bay-windows, as shown upon the accompanying diagram, in front of his premises on the north side of Seventy-second street, about one hundred and seventy-five feet west of West End avenue, in the Borough of Manhattan, the work to be done at his own expense, under the direction of the Commissioner of Highways; such permission to continue only during the pleasure of the Municipal Assembly.

Adopted by the Board of Aldermen, September 26, 1899.

Adopted by the Council, September 26, 1899.

Approved by the Mayor, October 5, 1899.

P. J. SCULLY, City Clerk.

LAW DEPARTMENT.

The following schedules form a report of the transactions of the office of the Corporation Counsel for the week ending August 26, 1899:

The City of New York, or The Mayor, Aldermen and Commonalty of The City of New York, are defendants, unless otherwise mentioned.

SCHEDULE "A."

SUITS AND SPECIAL PROCEEDINGS INSTITUTED.

COURT.	REGISTER FOLIO.	WHEN COMMENCED.	TITLE OF ACTION.	NATURE OF ACTION.
		1899.		
Supreme, } Richmond Co.	14 237	Aug. 21	Bank of Staten Island.....	To recover for services of Edward J. Ryan on Richmond County warrants \$26.
Supreme... }	14 238	" 21	Siebert Jacob (Matter of).....	Application under chapter 700, Laws of 1899.
" ... }	14 239	" 21	Bacon, John S. (Matter of)....	" " " "
" ... }	14 240	" 21	Price, James K. (Matter of)....	" " " "
" ... }	14 241	" 21	Hock, John (Matter of).....	" " " "
" ... }	14 242	" 21	O'Neill, Henry P. (Matter of)...	" " " "
" ... }	14 243	" 21	Mitchel, James (Matter of)....	" " " "
" ... }	14 244	" 21	Doyle, Bartholomew.....	For difference between wages paid and the prevailing rate at the time of service as Caulker in Department of Public Works and Water Supply, \$1,565.
" ... }	14 245	" 21	Smith, James.....	For difference between wages paid and the prevailing rate at the time of service as Caulker in Department of Public Works and Water Supply, \$1,565.
" ... }	14 246	" 21	Keller, Christopher.....	For difference between wages paid and the prevailing rate at the time of service as Caulker in Department of Public Works and Water Supply, \$1,565.
" ... }	14 247	" 21	Gearty, Eugene F.....	For difference between wages paid and the prevailing rate at the time of service as Caulker in Department of Public Works and Water Supply, \$1,565.
" ... }	14 248	" 21	Mayers, John T.....	For difference between wages paid and the prevailing rate at the time of service as Blacksmith's Helper in Fire Department, \$400.
Supreme, } Kings Co. }	14 249	" 21	Brooklyn Daily Eagle.....	For printing briefs, etc., for City of Brooklyn in 1897 and 1898, \$14.35.
Supreme... }	(11) 552	" 21	Thomas, William M. (In re) ...	To vacate assessment for Boulevard flagging, Fifty-ninth to One Hundred and Eighth street.
" ... }	14 250	" 21	Wigging, Thomas.....	For difference between wages paid and the prevailing rate at the time of service as Paver in Department of Public Works and Highways, \$1,800.
" ... }	14 251	" 22	Meredith, Lawrence.....	For difference between wages paid and the prevailing rate at the time of service as Paver in Department of Public Works and Highways, \$980.
" ... }	14 252	" 22	McGuire, James.....	For difference between wages paid and the prevailing rate at the time of service as Paver in Department of Public Works and Highways, \$980.
" ... }	14 253	" 22	Scott, Edward R. (Matter of)...	Application under chapter 700, Laws of 1899.
" ... }	14 254	" 22	Hill, John (Matter of).....	" " " "
" ... }	14 255	" 22	Donohue, John J. (Matter of)...	" " " "
" ... }	14 256	" 22	Kirk, William P. (Matter of)...	" " " "
" ... }	14 257	" 22	Lang, George (Matter of).....	" " " "
" ... }	14 258	" 22	Levy, Jeremiah S. (Matter of)...	" " " "
" ... }	14 259	" 22	Clausen, George C. (Matter of)...	" " " "
" ... }	14 260	" 22	Squires, Grace C. (Matter of)...	" " " "
" ... }	14 261	" 22	Schill, Henry W. (Matter of)...	" " " "
" ... }	14 262	" 22	Demsey, Charles (Matter of)...	" " " "
" ... }	14 263	" 22	DeLacy, Robert E. (Matter of)...	" " " "
" ... }	14 264	" 22	Farley, Patrick (Matter of)...	" " " "
" ... }	14 265	" 22	Liebers, George C. (Matter of)...	" " " "
" ... }	14 266	" 22	Martin, John.....	To recover amount of prevailing rate of wages from March 20, 1896, to March 25, 1898, as Fireman, Department of Parks, \$1,837.50.
" ... }	14 267	" 22	Logan, Thomas (Matter of)....	Application under chapter 700 of the Laws of 1899.
" ... }	14 268	" 22	Buckley, John (Matter of).....	Application under chapter 700 of the Laws of 1899.
" ... }	14 269	" 22	Mitchell, John F. (Matter of)...	Application under chapter 700 of the Laws of 1899.
" ... }	14 286	" 22	Baratz, Harris.....	Damages for loss of services of Jennie Baratz by falling into sewer at Allen street, \$25,000.
" ... }	14 287	" 22	Wilkinson, John.....	For difference between wages paid and the prevailing rate at the time of service as Flagger in Department of Public Works, \$1,897.68.
Supreme, } Kings Co. }	14 288	" 22	Ostreich, Charles, vs. The City of New York, the Brooklyn Heights Railroad Co. et al.....	Damages for personal injuries received by falling from bicycle, due to collision with trolley pole, \$5,000.
Supreme... }	14 289	" 22	King, Horatio C.....	For services as Commissioner to inquire as to sanity of Giovanni Guiffa, charged with felony, \$150.
" ... }	14 270	" 22	Frischkorn, August.....	For difference between wages paid and the prevailing rate at the time of service as Paver, City Works Department, Brooklyn, and Department of Highways, \$1,037.50.
" ... }	14 271	" 22	Ryan, William.....	For difference between wages paid and the prevailing rate at the time of service as Paver, City Works Department, Brooklyn, and Department of Highways, \$500.
" ... }	14 272	" 22	Keenan, John.....	For difference between wages paid and the prevailing rate at the time of service as Paver, City Works Department, Brooklyn, \$300.
" ... }	14 273	" 22	Manning, Cornelius.....	For difference between wages paid and the prevailing rate at the time of service as Paver, City Works Department, Brooklyn, \$210.

COURT.	REGIS- TER FOLIO.	WHEN COM- MENCED.	TITLE OF ACTION.	NATURE OF ACTION.	COURT.	REGIS- TER FOLIO.	WHEN COM- MENCED.	TITLE OF ACTION.	NATURE OF ACTION.
Supreme...	14 274	1899. Aug. 22	Donnelly, Hugh.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Highways, \$200.	Supreme, Kings Co....	14 394 14 390	Aug. 24 " 24	England, George M. (Matter of) O'Brien, Christopher C. (Matter of).....	Application under chapter 700, Laws of 1899.
"	14 275	" 22	Barry, Lawrence J.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Highways, \$412.50.	"	14 390 14 391 14 392 14 348	" 24 " 24 " 24 " 24	Masterson, Patrick (Matter of).. Dohe ty, Michael (Matter of).. Burns, James (Matter of)..... Barron, James W.....	" " " "
"	14 276	" 22	Hanley, John.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of City Works, Brooklyn, and Department of Highways, \$75.	"	14 349	" 24	Coughlin, William.....	For difference between wages paid and the prevailing rate at the time of service as Blacksmith, Fire Department Repair Shops, \$85.
"	14 277	" 22	Devins, James.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works, \$300.	"	14 350	" 24	Clune, Patrick.....	For difference between wages paid and the prevailing rate at the time of service as Mechanic's Helper, Street Cleaning Department, \$115.
"	14 278	" 22	Rooney, James.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$375.	"	14 351	" 24	Feehan, Thomas.....	For difference between wages paid and the prevailing rate at the time of service as Mechanic's Helper, Street Cleaning Department, \$73 50.
"	14 279	" 22	Serviss, John W.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Highways, \$250.	"	14 352	" 24	Finnerty, Daniel.....	For difference between wages paid and the prevailing rate at the time of service as Carpenter and Wheelwright, Street Cleaning Department, \$160.
"	14 280	" 22	O'Connor, Edward.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$425.	"	14 353	" 24	Flood, James.....	For difference between wages paid and the prevailing rate at the time of service as Carpenter and Wheelwright, Street Cleaning Department, \$60.
"	14 281	" 22	Smith, William.....	For difference between wages paid and the prevailing rate at the time of service as Steam-roller Engineer, Department of Highways, \$600.	"	14 354	" 24	Hannan, John.....	For difference between wages paid and the prevailing rate at the time of service as Machinist, Street Cleaning Department, \$170.
"	14 282	" 22	Schilling, Martin J.....	For difference between wages paid and the prevailing rate at the time of service as Rigger, Brooklyn Bridge, \$66.	"	14 356	" 24	Mullally, George S.....	For difference between wages paid and the prevailing rate at the time of service as Steam Engineer, Street Cleaning Department, \$170.
"	14 283	" 22	Curtin, John.....	For difference between wages paid and the prevailing rate at the time of service as Steamfitter, Brooklyn Bridge, \$8,111.	"	14 355	" 24	Metzger, Philip H.....	For difference between wages paid and the prevailing rate at the time of service as Mechanic's Helper, Street Cleaning Department, \$70.
"	14 284	" 22	Mahoney, Peter.....	For difference between wages paid and the prevailing rate at the time of service as Laborer, Dock Department, \$253.33 1-3.	"	14 357	" 24	Rock, Daniel.....	For difference between wages paid and the prevailing rate at the time of service as Harness Maker, Street Cleaning Department, \$320.
"	14 285	" 22	Blom, Hans E.....	For difference between wages paid and the prevailing rate at the time of service as Painter, Brooklyn Bridge, \$36.60.	"	14 358	" 24	Dwyer, John F.....	For services as Court Attendant, Fifth Municipal District Court, during December, 1898, \$83.33.
"	14 290	" 23	Schroeder, George (ex rel.) vs. James P. Keating, Commissioner of Highways of The City of New York.....	Mandamus to compel respondent to reinstate relator to position of Assistant Foreman, Bureau of Incumbrances, Department of Highways.	"	14 359	" 24	Doyle, B. idget, administratrix..	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Highways, \$200.
"	14 292	" 23	Press Publishing Company vs. Maurice F. Holahan et al., constituting the Board of Public Improvements of The City of New York, and the Ramapo Water Company.....	To restrain Board from voting to pass resolution granting Ramapo Water Company contract or right to sell or deliver water to The City of New York.	"	14 360	" 24	Quigley, John J.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of Highways, \$156.50.
Supreme, Kings Co....	14 291	" 23	Conly, Martin F. (Matter of)...	Application under chapter 700, Laws of 1899.	"	14 361	" 24	Reardon, Thomas.....	For difference between wages paid and the prevailing rate at the time of service as Rigger, Department of Highways, \$293.
"	14 291	" 23	Lockwood, Olin B. (Matter of)...	"	"	14 362	" 24	Murphy, Patrick B.....	For difference between wages paid and the prevailing rate at the time of service as Caulker, Department of Water Supply, \$939.
Supreme...	14 420	" 23	Walker, James J. (Matter of)...	"	"	14 363	" 24	Foster, Jane M.....	Damages for injuries by falling on pavement in West Thirty-third street, due to lack of illumination, \$5,000.
"	14 421	" 23	Cavanagh, John (Matter of)...	"	"	14 364	" 24	Woolruff, A. B. Co. (Matter of)...	Summons only served.
"	14 422	" 23	Hahn, Edward (Matter of)...	"	"	14 393	" 24	McManus, Michael J. (Matter of)...	Application under chapter 700 of the Laws of 1899.
"	14 423	" 23	No. 2 (Matter of)...	"	Supreme, Kings Co. }	14 365	" 24	Schiavoni Gracia, vs. John F. Harriot.....	For the recovery of a sewing machine, rifle, etc., taken from Genano Lebrauchi, or the value, \$230.
"	14 424	" 23	Sampson, John B. (Matter of)...	"	Supreme, Queens Co }	14 366	" 24	Matthews, Stacia, an infant by Konstanza Matthews, her guardian ad litem, vs. The City of New York, The Brooklyn Heights Railroad et al.....	Damages for personal injuries by falling from bicycle on Oakland street, Brooklyn, due to trolley pole obstructing roadway, \$10,000.
"	14 425	" 23	Seiford, Chester L. (Matter of)...	"	Supreme,	14 367	" 25	Bacon, Thomas J.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of Public Works and Department of Highways, \$106.
"	14 426	" 23	Kiebrick, Jacob J. (Matter of)...	"	"	14 368	" 25	Cavanagh, Patrick.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of City Works and Department of Highways, \$1,050.
"	14 427	" 23	Garvey, Joseph M. (Matter of)...	"	"	14 369	" 25	Cullen, Joseph.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$225.
"	14 428	" 23	Hogsett, Thomas J. (Matter of)...	"	"	14 370	" 25	Fitzgerald, Bernard.....	For difference between wages paid and the prevailing rate at the time of service as Stone Cutter, Department of Public Works and Department of Highways, \$1,388.
"	14 429	" 23	Masterson, Eugene A. (Matter of)...	"	"	14 371	" 25	Flynn, John J.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$1,250.
Supreme, Kings Co. }	14 430	" 23	Quimby, George (Matter of)...	"	"	14 372	" 25	Kane, Peter T.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of City Works and Department of Highways, \$250.
"	14 431	" 23	Carlin, James (Matter of)...	"	"	14 373	" 25	Lehr, George.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works, \$500.
Supreme...	14 432	" 23	Reynolds, Frank M. (Matter of)...	"	"	14 374	" 25	McCabe, John.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works, \$610.
"	14 433	" 23	Carey, Anna C. (Matter of)...	"	"	14 375	" 25	O'Connor, Daniel D.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Street Improvements and Department of Highways, \$200.
"	14 434	" 23	Lake, Walter (Matter of)...	"	"	14 376	" 25	Purcell, Michael.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$1,105.
"	14 435	" 23	Egan, John T. (Matter of)...	"	"	14 377	" 25	Saul, John.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of Public Works and Department of Highways, \$475.
"	14 296	" 23	Dahlman, Charles, as assignee of the estate of Isaac H. Dahlman (Matter of)...	Judicial settlement of the accounts.	"	14 378	" 25	Seymour, John.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of City Works and Department of Highways, \$1,000.
"	14 304	" 22	Scanlon, James J. (Matter of)...	Application under chapter 700, Laws of 1899.	"	14 379	" 25	Smith, Felix.....	For difference between wages paid and the prevailing rate at the time of service as Paver, Department of Public Works and Department of Highways, \$700.
"	14 305	" 22	Brady, Joseph E. (Matter of)...	"	"	14 380	" 25	Swinburne, Anthony.....	For difference between wages paid and the prevailing rate at the time of service as Rammer, Department of Public Works, \$50.
"	14 306	" 22	Farley, James (Matter of)...	"	"	12A 153	" 25	Thomson, Anne D. (ex rel.), vs. Tax Commissioners.....	Certiorari to review assessment on relator's real estate for 1899.
"	14 307	" 22	Gill, Thomas (Matter of)...	"	"	12A 153	" 25	Heroy, James H. (ex rel.), vs. Tax Commissioners.....	Certiorari to review assessment on relator's real estate for 1899.
"	14 308	" 22	Wagner, Frederick (Matter of)...	"	"	12A 154	" 25	Marlborough Hotel Company (ex rel.), vs. Tax Commissioners.....	Certiorari to review assessment on relator's real estate for 1899.
"	14 309	" 22	Sturges, Charles W. (Matter of)...	"	"	12A 154	" 25	Lengemann, Kate J., et al. (ex rel.), vs. Tax Commissioners.....	Certiorari to review assessment on relators' real estate for 1899.
"	14 310	" 22	Judge, Edward F. (Matter of)...	"	"	12A 155	" 25	Haynes, John C., et al. trustees (ex rel.), vs. Tax Commissioners.....	Certiorari to review assessment on relators' real estate for 1899.
"	14 311	" 22	Cash, Patrick H. (Matter of)...	"	"	14 395	" 25	Nowicka, Anna, an infant, by John Zwik, her guardian ad litem.....	Damages for personal injuries alleged to have been received by falling timbers at southwest corner of Kent avenue and North Seventh street, December 17, 1898, \$20,000.
"	14 312	" 22	McMorrow, Charles (Matter of)...	"	Supreme, Kings Co. }	14 397	" 25	Woodley, Henry (Matter of)...	Application under chapter 700, Laws of 1899.
"	14 313	" 22	Glennon, Frank P. (Matter of)...	"	"	14 398	" 25	Harris, James M. (Matter of)...	"
"	14 314	" 22	Dinnen, John M. (Matter of)...	"	"	14 399	" 25	Moneyenny, David T. (Matter of)...	"
"	14 315	" 22	Martin, James (Matter of)...	"	"	14 396	" 25	Moloney, William H. (Matter of)...	"
"	14 316	" 22	Nagle, Edward F. (Matter of)...	"	"	14 440	" 26	Smith, William J. (Matter of)...	"
"	14 317	" 22	Smith, James F. (Matter of)...	"	"	14 381	" 26	Condon, Patrick J. (Matter of)...	In the matter of charges preferred by Francis J. Lantry.
"	14 318	" 22	Flynn, Patrick L. (Matter of)...	"	"	14 382	" 26	Smith, Osgood, as assignee of Empire Metal Working Co., a foreign corporation (Matter of)...	Judicial settlement of account.
"	14 319	" 22	Halpin, Michael (Matter of)...	"	"				
"	14 320	" 22	Shelberg, John (Matter of)...	"					
"	14 321	" 22	Darcy, James (Matter of)...	"					
"	14 322	" 22	Campbell, Charles A. (Matter of)...	"					
"	14 323	" 22	Donohue, Andrew F. (Matter of)...	"					
"	14 324	" 22	Clancy, Charles E. (Matter of)...	"					
"	14 325	" 22	Kellar, William L. (Matter of)...	"					
"	14 326	" 22	Derrick, Frank (Matter of)...	"					
"	14 327	" 22	Whalen, John H. (Matter of)...	"					
"	14 328	" 22	Morgan, Michael (Matter of)...	"					
"	14 329	" 22	Woods, Robert J. (Matter of)...	"					
"	14 330	" 22	Powers, John (Matter of)...	"					
"	14 331	" 22	Connor, Peter W. (Matter of)...	"					
"	14 332	" 22	Harrigan, Mark (Matter of)...	"					
"	14 333	" 22	Becker, Charles (Matter of)...	"					
"	14 334	" 22	Corr, James (Matter of)...	"					
"	14 335	" 22	Heffernan, John M. (Matter of)...	"					
"	14 336	" 22	Faulhaber, Frederick (Matter of)...	"					
"	14 337	" 22	Wright, David V. W. (Matter of)...	"					
"	14 338	" 22	Goetzger, Frederick (Matter of)...	"					
"	14 339	" 22	Walsh, John (Matter of)...	"					
"	14 340	" 22	Brooks, Michael (Matter of)...	"					
"	14 341	" 22	O'Shaughnessy, William H. (Matter of)...	"					
"	14 342	" 22	Lilly, John H. (Matter of)...	"					
"	14 343	" 22	Halliday, Joseph G. (Matter of)...	"					
"	14 344	" 22	Williams, John A. (Matter of)...	"					
"	14 345	" 22	Henderson, John C. (Matter of)...	"					
"	14 346	" 22	Mohr, John (Matter of)...	"					
"	14 347	" 22	Tucker, James P. (Matter of)...	"					
Supreme, Richmond Co.....	14 297	" 23	Sheridan, George, Jr.....	For services as Inspector of Election, Town of Castleton, New Brighton, during 1897, \$41.56.					
"	14 298	" 23	University Publishing Co.....	For books and school supplies to Richmond County schools in 1897, \$98.30.					
Supreme, Nassau Co.....	14 299	" 23	Rogers, Charles H.....	Damages for injuries to plaintiff's fingers crushed in machinery of Rockville Centre pumping station, \$1,000.					
Supreme...	14 300	" 23	Byrne, John, vs. The City of New York and the Metropolitan Street Railway Co.	Damages for personal injuries by collision between Street Cleaning Department cart and street car, \$20,000.					
Supreme, Kings Co. }	14 301	" 23	Riker, Abraham (Matter of)...	Application to have action removed from County Court.					
Supreme...	14 302	" 23	Heidelbach, Alfred S., et al. vs. Marcus Kohner et al.....	To foreclose mortgage on premises in former Town of Westchester.					
"	14 400	" 24	Copeland, Theron S. (Matter of)...	Application under chapter 700, Laws of 1899.					
"	14 401	" 24	Glennon, Edward G. (Matter of)...	"					
"	14 402	" 24	Kenny, John (Matter of)...	"					
"	14 403	" 24	Kirzinger, John (Matter of)...	"					
"	14 404	" 24	Dunn, Bernard A. (Matter of)...	"					
"	14 405	" 24	Brady, Thomas (Matter of)...	"					
"	14 406	" 24	Donnelly, James J. (Matter of)...	"					
"	14 407	" 24	Jordan, James W. (Matter of)...	"					
"	14 408	" 24	Parlerson, Chas. A. (Matter of)...	"					
"	14 409	" 24	Killilea, Thomas (Matter of)...	"					
"	14 410	" 24	Downs, Michael A. (Matter of)...	"					
"	14 411	" 24	Campbell, Samuel I. (Matter of)...	"					
"	14 412	" 24	Larkin, Kerin J. (Matter of)...	"					
"	14 413	" 24	Rooney, John (Matter of)...	"					
"	14 414	" 24	Pyle, Charles J. (Matter of)...	"					
"	14 415	" 24	Murphy, Bernard (Matter of)...	"					
"	14 416	" 24	Spaulding, Harry A. (Matter of)...	"					
"	14 417	" 24	McLoughlin, William W. (Matter of)...	"					
"	14 418	" 24	Cleary, Thomas (Matter of)...	"					

COURT.	REGIS- TER FOLIO.	WHEN COM- MENCED.	TITLE OF ACTION.	NATURE OF ACTION.
		1899.		
Supreme, Kings Co.	14 383	Aug. 26	Randazzo, Domenico	Summons only served.
Supreme, Richmond Co.	14 384	" 26	Sweeney, James	To recover on Richmond County warrants for services carting garbage in 1897, \$222.75.
Supreme ...	14 419	" 26	Nealis, Thomas J. (Matter of) ..	Application under chapter 700, Laws of 1899. Damages for personal injuries by falling into excavation in Johnson avenue, Brooklyn, due to same having been left unguarded, \$10,000.
Supreme, Kings Co.	14 385	" 26	Linde, Leon	Damages for personal injuries by falling of paving rock in St. John street, New York, due to being improperly piled on pavement, \$10,000.
" ..	14 386	" 26	Fitzpatrick, Michael J., vs. The City of New York and William P. Baird	Mandamus to compel reinstatement of relator as Foreman of Pavers, Bureau of Street Opening.
Supreme ...	14 387	" 26	Allison, James C., (ex rel.) vs. James P. Keating, Com- missioner of Highways of The City of New York	To recover for work performed on roads of the former Town of Newtown, between May 4 and August 16, 1896, \$73.
Supreme, Queens Co.	13 153	" 25	Kopp, Adam	To recover amount of various warrants issued for work, etc., in Town of Newtown in 1897, \$41.
" ..	13 152	" 25	Burger, Louis	To recover amount of various warrants issued by Long Island City, \$126.90.
Supreme ...	13 154	" 26	Fichter, Herman	

SCHEDULE "B."

JUDGMENTS, ORDERS AND DECREES ENTERED.

People ex rel. William J. Hampton vs. John C. Hertle; People ex rel. William E. McFadden vs. John C. Hertle—Orders entered amending alternative writs of mandamus.
Matter of William L. Strong vs. Hoffmann et al.—Order entered confirming the report of the Commissioners.
John J. Sperry—Order entered discontinuing the action without costs.
People ex rel. Peter Young et al. vs. Charles McNamara et al.—Judgment entered reducing assessments on relators for 1896 and 1897.
People ex rel. John Burns vs. Bird S. Coler, Comptroller—Order entered granting peremptory writ of mandamus, with \$50 costs.
People ex rel. Henry W. Sherrill vs. Randolph Guggenheimer et al.—Order entered granting a peremptory writ of mandamus.
People ex rel. George P. Boyce vs. Bird S. Coler, Comptroller; People ex rel. Erastus Amerman vs. Bird S. Coler, Comptroller; People ex rel. Henry A. Foster vs. Bird S. Coler, Comptroller; People ex rel. Henry S. Creamer vs. Bird S. Coler, Comptroller; People ex rel. Samuel J. Tilley vs. George C. Clausen et al.; People ex rel. George W. Suydam vs. George C. Clausen et al.; People ex rel. William R. Fleckner vs. George C. Clausen—Orders entered granting alternative writs of mandamus.
Matter of Andrew Wargovitz vs. Brooklyn Disciplinary Training School—Order entered on consent discharging infant from custody.
People ex rel. Robert S. Benson vs. John L. Shea, Commissioner (and eleven similar proceedings)—Orders entered granting alternative writs of mandamus.
Matter of Edward Gans—Order entered denying motion for a reference, etc.
Judgments were entered in favor of the plaintiffs in the following actions: Robert J. Ferns, \$2,678.14; Henry DeF. Weeks, \$53,027.97; Richard L. H. Finch, \$1,716.96; Charles Phillips, \$31; Penrhyn Slate Co. vs. City et al., \$200.04; George H. Avery, \$44.96; Noyes T. Palmer, \$64.81; Kings County Gas & Illuminating Co., \$24,783.75; Cornelius Hyatt, \$94.56; Thomas J. Morrissey, \$25.71; Patrick McGovern, \$27.73; Michael Green, \$27.73; Robert E. Luhtmann, \$31.04; Charles Clancy, \$35.05; Charles H. Speth, \$35.75; Jurgan Rathgen, \$69.46; John Donohue, \$95.88; Frank Krayner, \$129.48; Joseph Baker, \$23.56.

SCHEDULE "C."

SUITS AND SPECIAL PROCEEDINGS TRIED AND ARGUED.

People ex rel. John Burns vs. Bird S. Coler, Comptroller—Motion for a mandamus argued before MacLean, J.; decision reserved; G. Landon for the City.
George Weideke—Motion for appointment of Referee argued before MacLean, J.; motion denied; W. B. Crowell for the City.
Matter of Nathan Straus—Motion for appointment of Referee submitted to MacLean, J.; motion denied; W. B. Crowell for the City.
People ex rel. George Schroeder vs. James P. Keating, etc.—Motion for a mandamus argued before MacAdam, J.; motion denied; W. B. Crowell for the City.
Maurice A. Greenbaum vs. John F. Harriot—Tried; judgment for the plaintiff without costs; G. Landon for the City.
Matter of Thomas H. Lynch, Matter of Thomas J. Clarke, Matter of George S. Chapman, Matter of John H. Neville, Matter of Mitchell, Matter of Tappen, Matter of Nealis, Matter of Enright, Matter of Sampson—Motions for appointment of Referees submitted to MacLean, J.; motions denied; W. B. Crowell for the City.
People ex rel. Stephen Butler vs. Board of Health—Motion for peremptory writ of mandamus made and granted; L. D. Stapleton for the City.
Matter of Olin B. Lockwood—Motion for appointment of Referee, etc., argued before Smith, J.; motion denied; P. P. Smith for the City.
Tin Plate Decorating Company vs. Board of Education et al.—Motion argued before Smith, J.; decision reserved; L. D. Stapleton for the City.
JOHN WHALEN, Corporation Counsel.

FIRE DEPARTMENT.

TRANSACTIONS FROM SEPTEMBER 18 TO SEPTEMBER 23, INCLUSIVE.

SEPTEMBER 18, 1899.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Chief of Department:
1. Respecting the request of the Assistant Corporation Counsel, Bureau for the Recovery of Penalties, for reinspection of the following premises in regard to equipment for fire protection and recommending, the law having been complied with, that the same be dismissed:
Southwest corner Seventy-first street and Amsterdam avenue, Sherman Square Hotel.
Northwest corner Fifty-ninth street and Columbus avenue, Hotel Von Glahn.
Northeast corner Fifty-ninth street and Madison avenue, Tuxedo Building.
Recommendation approved.
2. Respecting the request of the Assistant Corporation Counsel, Bureau for the Recovery of Penalties, for reinspection of the Cable Hotel, No. 153 East Twenty-sixth street, William Busby, Manager, as to equipment for fire protection, and recommending, the law not having been complied with, that the same be enforced. Recommendation approved.
3. Respecting complaint of C. P. Braitsch of alleged overcrowding of aisles at Keith's Theatre, on the 31st ultimo, and recommending that the same be forwarded to the Assistant Corporation Counsel, Bureau for the recovery of Penalties, for prosecution. Recommendation approved.
4. Respecting the application of the Peter Barrett Manufacturing Company for a six weeks' extension of time from September 19, for the completion of their contract dated June 19, 1899, for furnishing six first-size hose wagons for use in the Borough of Brooklyn, and recommending that the same be granted. Recommendation approved; provided the written consent of the sureties is filed in this office, that their obligations as such shall in no manner be affected or impaired by reason of the granting of said extension.
5. Reporting that the contractor for repairing the fireboat "William F. Havemeyer" (Engine 43) in unnecessarily delaying the completion of said work and recommending that the provisions of the contract be enforced. Recommendation approved.
6. Forwarding approved application of Fireman 1st grade Lawrence Fagan, Engine 2, Borough of Brooklyn, to be retired after more than twenty years' service. Retirement ordered on half pay from 8 A. M., October 1, 1899.
From Fire Marshal, boroughs of Manhattan, The Bronx and Richmond—Report of operations of Bureau, week ending 16th instant.
From Foreman Engine 13—Reporting attempt of Fireman 4th grade Matthew Sloan of his command, while on leave of absence, to open box No. 537, Borough of Brooklyn, with key No. 1348, which broke in lock. Usual fine imposed.
From Foreman Hook and Ladder 5—Reporting loss of transportation certificate No. 1307 by Fireman 3d grade George J. McDonald of his command. Usual fine imposed.
From Methodist Episcopal Hospital, Borough of Brooklyn (E. W. Hinman, on behalf of)—Requesting loan of a team of horses on the day of the Dewey Land Parade to draw their ambulance

which will accompany the Fourteenth Regiment, N. G., S. N. Y. Application granted on condition that the responsibility of returning the horses in as good condition as when received is assumed by said institution.

Referred.

From Douglas Robinson—Inclosing letter from Architect Charles C. Haight respecting condition of westerly wall, premises No. 100 Walker street and No. 248 Canal street, reported by Foreman of Engine 31 as being out of plumb. To the Department of Buildings.
From Wills A. Seward—Complaining of the action of occupants of premises Nos. 137 and 139 Bowery, throwing offensive matter out of window to the detriment of health. To the Department of Health.
From Assistant Foreman Engine 29—Reporting chimney-fire at No. 166 West street. To the Inspector of Combustibles.
From Assistant Foreman Engine 44—Reporting chimney-fire at No. 1373 First avenue. To the Inspector of Combustibles.
From Assistant Foreman Engine 35—Reporting new horse on trial suitable for the service. To the Chief of Battalion in charge of Hospital and Training Stables.

SEPTEMBER 19, 1899.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From his Honor the Mayor—Concerning the assignment of the fireboat "Robert A. Van Wyck" (Engine 66) to a position in the Dewey naval parade.
From the Municipal Civil Service Commission—Reporting that the examination for promotion to the grade of Engineer of steamer will be held on Thursday, the 21st instant, at 10 o'clock A. M., and of Chief of Battalion, on the 27th instant, and calling attention to Rule 38 governing promotions, as follows:
"That the examination is limited to those who have for more than six months served with fidelity in the next lower grade, except that persons occupying two or more of the next lower grades may compete upon the request of the Department and with the permission of the Municipal Civil Service Commission.
"That notice of the examination shall be given to those entitled to compete, and such notice shall be given by posting the same conspicuously in the office where the vacancy exists, giving date and place, and sent to those eligible for examination.
"That the appointing power shall forward to the Civil Service Commission certificates as to the efficiency, character and conduct of every person in the inferior grade who desires to become an applicant for such promotion, and a copy of the record of said person in the Department.
"Under the new civil service law and rules it will be necessary for you to certify to this Commission the names and records of those who desire to compete in the examinations above mentioned."
Chief of Department notified.
From the Chief of Department—
1. Respecting the complaint of I. Kleinberger of the disappearance of a lady's coat from his premises, No. 1383 Broadway, Borough of Manhattan, on the occasion of a recent fire, and submitting report of Chief of Ninth Battalion in relation thereto, in which it is stated that the complainant exonerates the Department from complicity in the matter. Report approved.
2. Recommending that the Purchasing Agent be directed to procure for each of the engine companies in the Department a bale of excelsior for use in kindling fire. Recommendation approved.
From the Fire Marshal, boroughs of Brooklyn and Queens—Report of operations of Bureau, week ending 16th instant.
From the Chief of Battalion in charge of Hospital and Training Stables—Reporting death of horse No. 585, assigned to Engine 56.
From Foreman Engine 4—Reporting loss of coat badge No. 834 belonging to Fireman 1st grade Daniel Duggan of his command. Usual fine imposed.
From Francis J. McLoughlin—In reference to the alleged indebtedness of a member of the Uniformed Force. Reply communicated.
From S. F. Hayward & Co.—Submitting the written consent of the sureties to the extension of time granted for the completion of contract dated June 27, 1899, for furnishing one Babcock aerial hook and ladder truck for use in the boroughs of Brooklyn and Queens. Bookkeeper notified.

Referred.

From the Department of Street Cleaning—Submitting for approval form of certificate to be furnished by the Foreman of apparatus companies to the drivers who remove the manure therefrom for delivery to the Dump Inspector. To the Chief of Department.
From the President of the Brooklyn Rapid Transit Company—Thanking the Department for the promptness and good judgment displayed by Foreman Alexander D. Aiken, Engine 55, Borough of Manhattan, in extinguishing fire on one of their cars on the 10th instant. To the Chief of Department.
From Mrs. Theodora Hauer—Requesting reimbursement for bicycle broken on Eighth avenue, near Forty-first street, on a recent date, by one of the Battalion Chiefs, while responding to an alarm of fire. To the Chief of Department.
From Assistant Foreman Hook and Ladder 4—Reporting chimney fire at No. 817 Sixth avenue. To the Inspector of Combustibles.
From Rose A. Block—Complaining of the placing of combustible material in the hallway of premises No. 15 East Fourteenth street. To the Inspector of Combustibles.
From Assistant Foreman Engine 36—Reporting defective flue at No. 100 East One Hundred and Twenty-ninth street. To the Fire Marshal.
From Assistant Foreman Hook and Ladder 2—Reporting defective flue at No. 119 East Forty-seventh street. To the Fire Marshal.

BILLS AUDITED.

Boroughs of Manhattan and the Bronx.

Schedule No. 35 of 1899— Apparatus, supplies, etc.	\$1,917 80
Schedule No. 36 of 1899— Apparatus, supplies, etc.	\$6,680 43

Borough of Brooklyn and Queens.

Schedule No. 79 of 1898— Apparatus, Supplies, etc.	\$879 90
Schedule No. 38 of 1899— Apparatus, supplies, etc.	\$14,861 53

Schedule No. 39 of 1899— Apparatus, supplies, etc.	\$1,623 77
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Borough of Queens (Maintenance Volunteer System).

Schedule 37 of 1899— Flushing	\$58 10
Schedule 38 of 1899— Far Rockaway	\$387 49
Schedule 39 of 1899— Rockaway Beach	\$327 66
Schedule 40 of 1899— Woodhaven	\$260 38
Schedule 41 of 1899— Whitestone	\$165 75

EXPENDITURES AUTHORIZED.

Boroughs of Manhattan and The Bronx.

Miscellaneous supplies	\$250 00
Halters	137 50
Hydrant connections	350 00
Harness	450 00
3-inch hose	750 00
Crandall's ring packing	250 00
Steel collars	480 00
Croton hose	250 00
Incidental expenses, Repair Shops, fourth quarter, 1899	200 00
Carpenter work, quarters Engine 28	220 00

PROMULGATION OF RULES RELATING TO PROPERTY RETURNS

was ordered this day, as follows:

HEADQUARTERS, FIRE DEPARTMENT—CITY OF NEW YORK,
NOS. 157 AND 159 EAST SIXTY-SEVENTH STREET,
BOROUGH OF MANHATTAN, September 19, 1899.

I.—The following rules to regulate the uses of and insure proper accountability for the public property of the Department, in the boroughs of Manhattan and The Bronx, are hereby promulgated and will be observed:

RESPONSIBILITY FOR PUBLIC PROPERTY.

II.—The attention of all officers and employees is particularly directed to the fact that, under the system herein prescribed, they are individually liable and responsible for the property intrusted to their care and issued to them for Department uses; that it is indispensably necessary, as well to insure their own security as a correct accountability for the Department property, that they do not part with any property for which they are responsible without directions from competent authority and the exchange of the papers herein prescribed, and that these forms must in all cases and at all times be rigidly observed, except when the performance of fire or other imperative duty prevents, in which case the business should be attended to at the earliest practicable time thereafter.

III.—Officers and employees are responsible and accountable for the public property in this Department, as follows:

The Officer in charge of Headquarters Building, for all office furniture, etc., in the offices and elsewhere in the headquarters building, which are not properly accounted for by heads of bureaus and others.

Chief of Department for all furniture in his office, and for all harness and wagons which may be or come into his possession or use hereafter, not otherwise provided for.

The Deputy Chiefs of Department for all office furniture, etc., in their offices, and for all harness and wagons which may be or come into their possession or use hereafter.

The Chiefs of Battalion, and Chief Instructor, for all office furniture, apparatus, implements, etc., in their possession or use, or in use by the Uniformed Force in their respective battalions, which are not accounted for or used exclusively by any of the companies belonging to their battalions.

The Company Commanders for all apparatus, implements, tools, supplies, furniture, etc., in their possession or in use by their companies in their respective quarters.

The Officer in charge of Telegraph Apparatus, etc., for all fixtures, instruments, poles, wires, wagons, supplies, etc., in the telegraph office, the battery room, the storeroom, the bell towers on the various telegraph lines, or which may be in his possession or use by or for the fire-alarm telegraph elsewhere.

The Officer in charge of Repair Shops for all machinery, tools, materials, harness, wagons, supplies, etc., in the Repair Shops, or in his use or possession elsewhere, also all office furniture.

The Officer in charge of Horses for all horses, harness, wagons, supplies, medicines, etc., at the Hospital and Training Stables, or in his possession or use elsewhere, also all office furniture.

The Officer in charge of Repairs to Buildings for all tools, implements, materials, supplies, horses, wagons, etc., which may be in his use, possession or control.

The Officer in charge of Supplies for all books, articles, supplies, materials, etc., in the storeroom, or in his care, possession or use elsewhere, and for all articles or materials condemned and turned over to him, under the provisions of this order.

INVENTORIES.

IV.—Blank books issued for use as company journals shall be invoiced and accounted for as "blank journals" until their use is commenced, when they shall be expended as such and taken up as company journals; and all company journals now in possession of the several companies shall be numbered consecutively and so marked, and be taken up on the next return, and each company journal shall hereafter, as it is put in use, be likewise numbered and marked.

PROPERTY RETURNS.

V.—Each year, the officers, employees, etc., enumerated, shall account for the property in their possession upon a property return which shall be made out in duplicate as hereinafter prescribed, one copy to be retained and the other to be forwarded to the Commissioner on or before January 20 of each year. The returns of the company commanders shall be examined and verified by inspection by the battalion commanders, and be indorsed by them, with a statement that this requirement has been complied with.

VI.—All the returns, papers, etc., relating to the rendering of the property returns, shall be forwarded through the proper channels of communication, except as herein otherwise expressly directed.

VII.—The property returns shall be made as follows:

The first entry, entitled "on hand at the last return," must correspond to the last entry in the last return entitled "on hand on" (inserting the date).

The second entry, entitled "received since last return," must correspond to the articles received, manufactured or taken up during the period for which the return is made, as shown by accompanying invoice of such articles which shall be the vouchers therefor.

The third entry, entitled "total to be accounted for," will be the sum of the first and second entries added together.

The fourth entry, entitled "expended, issued, transferred, condemned and turned over, sold and lost or destroyed," must correspond to the articles which have passed out of the possession of the officer making the return in either of the ways following:

1st. By expenditure in the manner prescribed in this order, on proper form.

2d. By issue upon requisition, on proper form, for which the voucher shall be the requisition properly approved and receipted.

3d. By transfer upon the order of the proper officer for which the voucher shall be the order directing the transfer with a receipt on proper form attached.

4th. By turning over to the Officer in charge of Supplies after being inspected and condemned, for which the voucher shall be the certificate of inspection, on proper form, made by the proper officer, and the receipt of the Officer in charge of Supplies attached.

The fifth entry will be the amount remaining after deducting the quantities in the fourth entry from those in the third entry, and must correspond to the quantities on hand.

PROPERTY ON HAND NOT PREVIOUSLY ACCOUNTED FOR.

VIII.—All public property found to be in use by, or in the possession, or under the control of heads of bureaus, superintendents, officers or employees on December 31 of each year, which was not upon their property return for the preceding year, or which was not received and invoiced to them since, will be taken up on such returns under the head of "received since last return," and the voucher therefor shall be a list of such property sworn to as follows:

I, _____, being duly sworn, depose and say that the articles enumerated in this list comprise all the public property that was found to be in my possession or use, or under my control, on December 31, _____, not accounted for on my property return for the previous year, or received by and invoiced to me since.

Subscribed and sworn to before me this _____ day of _____, 18____, _____ Notary Public.

FIRE ENGINES.

IX.—In addition to engines, as now prescribed, all other apparatus will be accounted for by the manufacturer's name, registered number and size, and they will be so specified in case of issue, transfer, etc., upon the proper papers.

STATIONERY, ETC.

X.—All stationery, blank forms and blank books will be received by, accounted for and issued by the officer having charge of supplies and by him only, and shall not be accounted on the property returns (see Article 4, Blank Journals).

HORSES.

XI.—Horses will be accounted for as provided in section 410, Rules and Regulations, 1898.

INVOICES.

XII.—For all articles issued a receipt shall be given by the officer receiving them, as promptly as practicable, on Form No. 6, and they shall be invoiced by the issuing offices on Form No. 3.

XIII.—Forage and fuel will not be invoiced, but will be taken up on the property return from the delivery receipt.

ARTICLES MANUFACTURED, ETC.

XIV.—Articles such as apparatus, implements, tools, etc., manufactured in the Repair Shops or elsewhere within the Department, must be taken up on the property return of the officer under whose direction they were made, in the second entry as per an "invoice of articles manufactured," on proper form, to accompany the return, specifying the number of each particular kind of article so manufactured, and certified to as follows:

I certify on honor that this invoice contains all the articles manufactured in the _____ during the year ending _____

EXPENDITURES.

XV.—All articles which have been totally consumed in the service and for Department purposes are to be accounted for as expended, upon a certificate of expenditure, Form No. 4. All the articles comprised in the following list, when worn out by use, so as to be unfit for their original purposes are to be accounted for as expended upon a separate certificate of inspection (Form No. 5),

which must be certified by the inspecting officer at the time of the verification of the property returns, as follows:

I hereby certify that I have this _____ day of _____, 18____, inspected the articles enumerated in this certificate, and that the same appear to have been worn out in the service of the Department, and I therefore approve the expenditure.

Bedding,	Horse blankets,	Dust pans,
Brushes (all kinds),	Horse sheets,	Stove poker,
Curry combs,	Whips,	Coal hods,
Stove shovels,	Butt straps,	Cans,
Stable brooms,	Ladder straps,	Towel rollers,
House brooms,	Sieves,	Door mats,
Whisk brooms,	Oak buckets,	Spittoons,
Mop yarns,	Four quart-measures,	Ash kettles,
Mop sticks,	Two-bushel baskets,	Drinking cups,
Face toweling,	Handles,	Manure cans.
Chamois skins,	Feather dusters,	
All certificates to be signed by inspecting officer.		

EXPENDITURE IN MANUFACTURING, ETC.

XVI.—Articles, materials, etc., used in the manufacture of apparatus, implements, tools, harness, etc., or in making repairs thereto, or to buildings, etc., must be expended upon a separate certificate of expenditure on proper form, to be entitled "certificate of expenditure in manufacturing and repairing," enumerating first the articles, etc., expended in manufacturing, and second, those expended in making repairs.

The "receipt for repairs," on proper form, shall accompany the return of the officer making the repairs.

XVII.—Telegraph poles, which, in the opinion of the officer in charge of telegraph, are valueless for telegraph purposes when taken down, may be expended by him on a separate certificate of expenditure and sent to the quarters of the nearest company, where they shall be used for firewood.

TRANSFERS OF PROPERTY.

XVIII.—Transfers of property (except condemned property), from one officer in the Department to another, shall be made only upon the following authority:

In the Uniformed Force by the Chief Officer in charge.

And in all cases of transfer, invoices and receipts shall be exchanged, enumerating all the articles and apparatus, and the same shall accompany the property returns.

CONDEMNED PROPERTY.

XIX.—At the time of the verification of the property returns, as prescribed in this order, if any property on hand (except articles which under preceding provisions of this order can be expended) is found entirely unfit for further use in the Department, or if it cannot advantageously be repaired, the officer making the inspection shall give to the officer responsible for the property a "certificate of inspection," on proper form, specifying the articles unfit for use, and directing that they be turned over to the Officer in charge of Repair Shops.

XX.—Any property which may be found to be of no further use where it may be located, but which, in the opinion of the inspecting officer, may be of use in other companies or branches of the Department, must not be condemned, but if in the Uniformed Force it must be reported by the inspecting officer to the Chief Officer in charge, with recommendation for its disposition.

XXI.—For heads of bureaus and all others responsible for property, except in the Uniformed Force, the Officer in charge of Supplies shall make the inspection, and for all except the company commanders in the Uniformed Force, the Deputy Chiefs of Department shall be the inspecting officers. For company commanders the Chiefs of Battalion shall then be inspecting officers.

XXII.—All condemned property turned over to the Officer in charge of Repair Shops shall be inspected by him after its receipt, and if any shall be found fit for use in any branch of the Department, he shall report the same (specifying from whom it was received) to the Commissioner for such disposition as he may order.

[Form No. 7.]

DEFICIENCIES.

XXIII.—All public property accounted for on property returns, which, at the time of making the inventory on December 31, as required by this order, cannot be found or be otherwise properly accounted for under the rules herein prescribed, shall be accounted for on the property return under the head of "deficiency," and the voucher for such entry shall be a statement showing as nearly as may be practicable the circumstances, time and place, of the loss or destruction of the property enumerated in such statement; and the same shall be sworn to before a notary public in the manner following:

I, _____, being duly sworn, do depose and say that the foregoing statement is true and correct.

Subscribed and sworn to before me this _____ day of _____, 18____.

_____, Notary Public.

XXIV.—The name of no article enumerated in the return shall be stricken out and another inserted in its place, but should there be articles to be accounted for which do not appear in the return, the same are to be added at the end thereof, where two pages are reserved for such purpose.

XXV.—This order will govern in the making of the property returns for the year 1899, as well as subsequent thereto, and the issuing officers will see that proper invoices, in conformity to the requirements of this order, are forwarded to all officers responsible for Department property.

XXVI.—All articles received, turned over or condemned, entries will be made in red ink; all articles expended, entries will be made in black ink.

XXVII.—The clerk assigned to examine the property returns will report all deficiencies to the Commissioner in writing.

XXVIII.—Where more than one article of the same kind is on hand, such as wrenches, etc., the articles will not be carried as "assorted," but each accounted for separately, by name.

By order of

JOHN J. SCANNELL, Commissioner.

AUGUSTUS T. DOCHARTY, Secretary.

SEPTEMBER 20, 1899.

OPENING OF PROPOSALS.

For Furnishing 3,000 Tons Anthracite Coal for Use in Apparatus Houses, Boroughs of Manhattan and The Bronx.

In presence of the Commissioner and a representative of the Comptroller.

No. 1. Meyer, Denker & Hoerig.....	\$11,790 00
No. 2. Wynn Brothers.....	11,820 00
No. 3. New York Central Coal Company.....	12,290 00
No. 4. George W. Winant & Son.....	12,600 00
No. 5. Curtis & Blaisdell.....	13,218 00

—each with security deposit of \$275, certified check, except No. 3, which was in currency.

For Furnishing 3,000 Tons Anthracite Coal for Use on Fire-boats, Boroughs of Manhattan and The Bronx.

No. 1. George W. Winant & Son.....	\$11,040 00
No. 2. Wynn Brothers.....	12,120 00

—each with security deposit of \$300, certified check.

The contracts were awarded respectively to the lowest bidder, subject to the approval of the sureties by the Comptroller. The unsuccessful bids were filed.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Commissioners of the Sinking Fund—Transmitting certified copies of resolutions adopted on the 15th instant as follows:

1. Resolved, That the Corporation Counsel be and is hereby requested to prepare a lease to the City from Stephen Toefer of the premises occupied by Engine 63 of the Fire Department, situated on the north side of Westchester avenue, in the late village of Wakefield, Borough of The Bronx, for a term of five years from November 1, 1899, at an annual rental of three hundred dollars (\$300), payable quarterly, and water tax; the owner to paint the building on the outside before entering into the new lease; and the Commissioners of the Sinking Fund deeming the said rent fair and reasonable and that it would be for the interest of the City that such lease be made, the Comptroller is hereby authorized and directed to execute the same when prepared and approved by the Corporation Counsel, as provided by sections 142 and 217 of the Greater New York Charter.

2. Resolved, That the land owned by the City, situated on the northeast corner of Fifty-sixth street and Twelfth avenue, Borough of Manhattan, a plot fifty-five feet eleven inches on Twelfth avenue by five hundred feet on Fifty-sixth street, as shown on the diagram of the Engineer of the Department of Finance in his report dated August 16, 1899, and this day presented to the Commissioners of the Sinking Fund, be and the same is hereby set apart and assigned to the Fire Department for use as a site for its repair shops; and

Resolved, That the Comptroller be and hereby is authorized to notify the lessees of a portion of the property that the City requires the use thereof for public purposes, and that said lease shall expire three months after the receipt of such notice.

3. Resolved, That the two lots owned by the City, situated on the south side of One Hundred and Thirty-eighth street, east of St. Ann's avenue, Borough of The Bronx, be and the same are hereby set apart and assigned to the Fire Department for the purpose of erecting thereon an apparatus house. Copies forwarded Chief of Department and Bookkeeper.

From the Department of Finance—Receipt for security deposits accompanying proposals received this day.

From the Supervisor of the City Record—Concerning requisition for printing form of contract and specifications for altering and repairing apparatus building, No. 173 Elm street, Borough of Manhattan.

From the Chief of Department—

1. Respecting request of the Assistant Corporation Counsel, Bureau for the Recovery of Penalties, for reinspection of the following premises in regard to equipment for fire protection, and recommending the law having been complied with, that the cases be dismissed:

Nos. 108 and 108½ Bowery, Annie Flynn, proprietor.

No. 332 East Twenty-third street, Frederick Meyer, proprietor.

Broadway, between Sixty-sixth and Sixty-seventh streets, Hotel Sagamore. Recommendation approved.

2. Respecting application of the Manhattan Fire Alarm Company for permission to connect the following premises with the street fire-alarm boxes specified and recommending that the same be granted:

F. M. Lupton Publishing Company, Nos. 23 to 27 City Hall place, No. 118.

James Knott, No. 54 South Washington square, No. 262.

Roman Catholic Churches, Nos. 202 to 208 East Fourth street, No. 273.

School, Nos. 218 to 224 East Fourth street, No. 273.

W. L. Sloane, Nos. 726 to 736 Greenwich street, No. 283.

Pier 50, North river, No. 287.

Hawley & Hoops, No. 271 Mulberry street, No. 299.

Wilson estate, Nos. 582 to 588 Hudson street, No. 314.

Wilson estate, Nos. 771 to 779 Greenwich street, No. 314.

New York Eye and Ear Infirmary, Second avenue and Thirteenth street, No. 324.

Salvation Army, Nos. 120 to 124 West Fourteenth street, No. 338.

Colonial Brewery Company, No. 240 West Eighteenth street, No. 354.

William Wicke Company, No. 530 First avenue, No. 467.

Recommendation approved.

3. Respecting the application of the Protestant Episcopal City Mission Society (St. Barnabas House) and the Florence Crittenton Mission for a thirty days' extension of time from the 20th instant, for the completion of the work of establishing telegraphic communication between said institutions and these headquarters and recommending that the same be granted, and the company commanders of the districts in which they are located notified. Recommendation approved.

4. Respecting the communication from T. L. Moore, commending the conduct of Captain Alexander D. Aiken, Engine 55, Borough of Manhattan, in preventing the destruction by fire of an electric car on the Brooklyn Heights Elevated Railroad, September 10, 1899, and recommending that his name be placed on the Roll of Merit for meritorious conduct unattended with personal risk. Recommendation approved.

5. Submitting list of all applicants for promotion to the grade of Engineer of Steamer, boroughs of Manhattan, The Bronx, Brooklyn and Queens. Forwarded Municipal Civil Service Commission.

6. Forwarding approved application of Foreman John Barber, Engine 52, Borough of The Bronx, for retirement from all service on half-pay. Retirement ordered from 8 o'clock A. M., October 1, 1899.

Referred.

From his Honor the Mayor—Transmitting for attention communication from the Secretary of the Elmhurst Citizen's Club concerning the necessity of placing additional fire-alarm boxes in Elmhurst, Borough of Queens. To the Chief of Department.

From the Assistant Corporation Counsel, Bureau for the Recovery of Penalties—Requesting reinspection of Banta House, Nos. 30 and 32 West Fifteenth street, and Hotel Winthrop, No. 2090 Seventh avenue, in regard to compliance with the law requiring equipment for fire protection. To the Chief of Department.

From the New York Telephone Company—Submitting proposition to reconstruct Department pole lines on Blackwell's, Ward's and Randall's Islands. To the Chief of Department.

From the Long Island Auxiliary Fire-alarm Company—Requesting permission to connect the following premises in the Borough of Brooklyn with the street boxes specified:

Pierpont House, Montague and Hicks streets, No. 12.

Long Island College Hospital, Henry and Pacific streets, No. 98.

St. John's Hospital, Atlantic and Albany avenues, No. 372.

Kings County Hospital, Clarkson street, Flatbush, No. 2647.

To the Chief of Department.

From Foreman Engine 21—Reporting defective flue at No. 326 East Thirty-ninth street. To the Fire Marshal.

From Assistant Foreman Engine 56—Reporting defective flue at No. 157 West Eightieth street. To the Fire Marshal.

From J. Ludewig—Calling attention to the merits of an improved water-tight basket of his invention. To the Purchasing Agent.

From Ralph Satronic—Concerning alleged indebtedness to him of a member of the Uniformed Force, Borough of Brooklyn. To the Examiner of Accounts.

EXPENDITURES AUTHORIZED.

Boroughs of Manhattan and The Bronx.

Four horses	\$800 00
Carpentry, quarters Engine 33.....	80 00
" " 51.....	725 00
" " 53.....	38 00
" quarters Hook and Ladder 3.....	78 00
" " 10.....	35 00
Stall repairs, quarters Engine 35.....	50 00
Boiler, quarters Engine 26.....	39 00
Feed bin, quarters Engine 70.....	98 00
Bath-tub, quarters Hook and Ladder 5.....	51 00
Stalls, quarters Hook and Ladder 22.....	265 00

TENDER OF SERVICES ACCEPTED.

Dr. Gustav Scholer, having tendered his services gratuitously for the 29th and 30th instant, during the continuance of the ceremonies incident to the reception of Admiral Dewey, and the same have been accepted and the Chief of Police and Foreman of Engine Company 23, Borough of Manhattan (which are to be his quarters), notified.

SEPTEMBER 21, 1899.

TRIALS.

Boroughs of Manhattan and The Bronx.

Fireman 1st grade Louis Uhl, Engine 9 (under date of September 7)—"neglect of duty," "disobedience of orders," and "absence without leave." "Under date of September 18," "Absence without leave." Fined five days' pay on the first charge, ten each on the second and third charges, and five on the fourth charge—thirty days' pay in all.

Engineer of steamer William Cunningham, Engine 12, "absence without leave" (two charges). Fined two days' pay on each charge—four days' pay in all.

Fireman 1st grade Joseph P. Greene, Engine 25, "disrespect to superior officer" and "absence without leave." Fined ten days' pay on each charge—twenty days' pay in all.

Fireman 1st grade Daniel J. Lynch, Engine 39, "absence without leave" (two charges). Reprimanded on first charge, fined two days' pay on second charge.

Engineer of steamer Arthur W. Searle, Engine 55, "reckless driving." Reprimanded.

Fireman 1st grade William J. Gleason, Engine 55, "neglect of duty." Reprimanded.

Fireman 1st grade Daniel H. McParland, Engine 56, "absence without leave" and "disobedience of orders." Fined ten days' pay on each charge—twenty days' pay in all.

Fireman 4th grade Joseph I. McGrath, Hook and Ladder 1, "absence without leave." Fined one day's pay.

Fireman 1st grade Charles M. Lauth, Hook and Ladder 8, "absence without leave." Fined one day's pay.

Fireman 1st grade George Halloran, Hook and Ladder 18, "Absence without leave" (two charges) and while detailed to Engine 57, "absence without leave" (one charge). Fined five days' pay on each of the first two charges and ten days' pay on the third charge—twenty days' pay in all.

Fireman 3d grade John Knapp No. 2, Hook and Ladder 18, "absence without leave." Fined five days' pay.

Boroughs of Brooklyn and Queens.

Engineer of steamer William J. Robinson, Engine 2, "disrespect to superior officer" and "violation section 231, rules and regulations." Fined two days' pay on the first charge and one on the second—three days' pay in all.

Engineer of steamer Dominick Swanton, Engine 5, "under the influence of liquor, drug or compound." Fined five days' pay.

Fireman 1st grade John Ward, Engine 7 (detailed to Hook and Ladder 15), "absence without leave." Fined ten days' pay.

Fireman 2d grade Michael F. Merron, Engine 24, "violation section 209, rules and regulations." Fined three days' pay.

Engineer of steamer John E. Fry, Engine 62, "absence without leave." Fined one day's pay.

Fireman 2d grade John E. Curran, Engine 62, under date of September 3, "absence without leave" and "under the influence of liquor, drug or compound" (adjourned from 7th instant).

Under date of September 10, "disobedience of orders" and "absence without leave." Under date of September 16, "absence without leave." Dismissed the service of the Department for absence more than five consecutive days, to take effect from 8 A. M. 22d instant.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Department of Finance—Advising that the Comptroller's certificate has been indorsed on the contract of the Christopher Nally Company for altering and repairing quarters of Engine 5, Borough of Manhattan, and that the same is now a valid contract. Certificate ordered attached to contract.

From the Police Department—Requesting that two of the fire-boats be placed at the disposal of said Department in connection with the carrying out of the police arrangements at the Dewey celebration on the 29th instant. Notified that the Reception Committee has already assigned all available fire-boats to the head of the parade, to act in conjunction with the police boats.

From the Municipal Civil Service Commission—Requesting statement of the duties performed by fourth-grade Clerk Michael Reidy, Bureau Chief of Department, applicant for promotion to a fifth-grade clerkship. Reply communicated.

From the Chief of Department—

1. Respecting the application of the New York Telephone Company for permission to attach a pair of wires to fourteen Department poles on Olin avenue, from Webster avenue to Reservoir avenue, and recommending that the same be granted. Recommendation approved.

2. Respecting the communication from the Brooklyn Rapid Transit Company commending the promptness and zeal displayed by Captain Alexander D. Aiken, Engine 55, Borough of Manhattan, in preventing the destruction by fire of one of their electric cars on the 10th instant, and reporting that his name has already been recommended by him to be placed on the Roll of Merit for meritorious conduct, unattended with personal risk, for his conduct on said occasion.

3. Respecting the communication from the Department of Street Cleaning, transmitting a form of certificate to be furnished by the Foremen of apparatus houses to the driver who removes the manure therefrom for delivery to the Dump Inspector, and recommending a form in lieu thereof. Recommendation approved and said Department notified.

4. Recommending that application be made to the Department of Parks for a general permit to erect temporary telegraph poles and attach wires thereto, on Riverside drive, during the continuance of the ceremonies attendant upon the Dewey celebration, for the purpose of affording protection; said poles and wires to be removed at the conclusion of the celebration. Recommendation approved.

From the Building Superintendent—Respecting the application of Richard Neyer for a permit to boil fat at No. 28 Avenue D, Borough of Manhattan, and recommending, the building not being constructed in accordance with the requirements of the regulations, that the same be denied. Recommendation approved.

From Thomas F. Magner, counsellor-at-law, Borough of Brooklyn—Serving affidavits and notice of motion, returnable at Special Term, Supreme Court, County of Kings, 27th instant, for a peremptory writ of mandamus directing the restoration of retired Fireman James J. Miller, of the former City of Brooklyn. Deputy Commissioner requested to forward statement of facts for transmission to the Corporation Counsel.

Referred.

From Foreman Engine 36—Reporting no telegraphic communication between Sulzer's Harlem River Casino, No. 2472 Second avenue, and these headquarters, in violation of section 762 of the Charter. To the Assistant Corporation Counsel, Bureau for the Recovery of Penalties.

From Foreman Hook and Ladder 13—Reporting violation of the law relating to equipment for fire protection at premises No. 1854 Second avenue, Henry Connelly, proprietor. To the Assistant Corporation Counsel, Bureau for the Recovery of Penalties.

From Engineer Charles Frost and Fireman 1st grade Thomas A. Sherry, Engine 24 (Theatre Detail)—Reporting violation of the law relating to equipment for fire protection at Hammerstein's Victoria Theatre, northwest corner Forty-sixth street and Seventh avenue. To the Assistant Corporation Counsel, Bureau for the Recovery of Penalties.

From the President of Springfield Chemical Engine Company No. 1, Borough of Queens—Submitting budget of expenses for the year 1900. To the Deputy Commissioner.

From the Manhattan Fire Alarm Company—Requesting permission to connect the Mission of the Immaculate Virgin with Box No. 266. To the Chief of Department.

From R. T. Jones, Superintendent of the Brockholst Apartment-house—Requesting extension of time for the completion of the work of establishing telegraphic communication with these Headquarters. To the Chief of Department.

From James Kearney, attorney—Requesting an investigation of the usefulness of a patented coupling for electric wires. To the Chief of Department.

From Foreman Hook and Ladder 13—Reporting chimney-fire at No. 1786 First avenue. To the Inspector of Combustibles.

From Foreman Engine 50, Borough of The Bronx—Reporting new horse on trial suitable for the service. To the Chief of Battalion in charge of Hospital and Training Stables.

PROMOTIONS AS ENGINEER OF STEAMER REVOKED.

Boroughs of Manhattan and The Bronx.

Firemen 1st grade Patrick Barry, Engine 44; William H. Stephenson, Engine 53; William W. Mandrey, Engine 54, and Daniel J. Drought, Engine 56, they having failed to comply with the Municipal Civil Service Regulations approved July 11, 1899.

SEPTEMBER 22, 1899.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Department of Finance—Reporting that this Department may take immediate possession of property east side One Hundred and Thirty-eighth street, between St. Ann's and Trinity avenues, recently assigned for Department use by the Sinking Fund Commission. Chief of Department notified.

From the Municipal Civil Service Commission—Canceling its certification of two linemen, made pursuant to requisition of the 19th ultimo.

From the Deputy Commissioner—Forwarding statement of facts as requested, in the matter of the affidavits and notice of motion of Retired Fireman James J. Miller, Uniformed Force of the former City of Brooklyn, for a writ of peremptory mandamus directing his restoration to active duty. Copy of statement together with motion papers forwarded Corporation Counsel.

From the Chief of Department:

1. Respecting the application of the Manhattan Fire Alarm Company for permission to connect the following premises with the street fire-alarm boxes specified and recommending that the same be granted:

New York Juvenile Asylum, No. 2-217.

Hygeia Distilled Water Company, No. 313.

Mothers' and Babies' Hospital, No. 564.

Recommendation approved.

2. Recommending that application be made to the Department of Public Buildings, Lighting and Supplies, for permits, as follows:

To set three telegraph poles on One Hundred and Sixty-third street, between Washington avenue and the Bridge, over railroad tracks near that point.

To erect temporarily telegraph poles at the following points and to string two wires thereon, for the purpose of affording protection at the stands erected on Riverside avenue during the Dewey celebration:

Three in lot opposite One Hundred and Seventeenth street, between Boulevard and Riverside drive.

Three on One Hundred and Tenth street, between Boulevard and Riverside drive.

Three in lot opposite One Hundred and Twenty-second street, between Boulevard and Riverside drive.

Also to run a loop over housetops at the following locations:

One Hundred and Fifth street, from Boulevard to Riverside drive.

Ninety-eighth street, from West End avenue to Riverside drive.

Ninety-fourth street, from West End avenue to Riverside drive.

Recommendation approved.

3. Transmitting list of names of all applicants for promotion in the Uniformed Force, boroughs of Manhattan, The Bronx, Brooklyn and Queens, and reporting that the certificates required as to efficiency, character and conduct have been forwarded to the Municipal Civil Service Commission, and the applicants for promotion to the rank of Chief of Battalion notified to appear at said office for examination on the 27th instant at 10 o'clock A. M. List transmitted to said Commission.

4. Forwarding application of Fireman 1st grade Eugene Danancher, Engine 36, Borough of Brooklyn, for transfer to the Borough of Manhattan, with recommendation that as the compensation is not the same, and in order to avoid possible complications, he be detailed to a company

in the latter borough for the purpose of improving his knowledge of fire service, instead of being transferred. Recommendation approved.

5. Recommending the connecting of the residence of the Chief of Department with the system of the New York Telephone Company. Recommendation approved.

From the President of Queens Hook and Ladder Co. No. 1, Queens, Borough of Queens—Reporting that he has furnished the Deputy Commissioner with a copy of chapter 281, Laws of 1899, relating to volunteer companies in said borough. Requested to furnish this office with a similar copy.

From the Chairman Committee on Shipping, Harbor Decorations and Water Parade, Reception of Admiral Dewey—Reporting that said Committee has assigned all available fire-boats to the head of the parade to act in conjunction with the police boats. Assignment accepted, fire-boats "Robert A. Van Wyck" and "The New Yorker" designated, and notification requested as to the time and place said boats shall report for duty.

From C. P. Bratsch—Concerning his complaint of the 31st ultimo of alleged obstruction of aisles at Keith's theatre. Notified that the matter has been referred to the Assistant Corporation Counsel, Bureau for the Recovery of Penalties, for prosecution.

Referred.

From Albert Voss—Complaining that the halls of premises No. 213 East One Hundred and Fourth street are lighted neither at day or night. To the Department of Health.

From the New York Telephone Company—Requesting permission to construct a pole line for the Department on Hunt's Point road, between Southern Boulevard and Lafayette street, Borough of The Bronx, and to place one ten-pin crossarm thereon. To the Chief of Department.

From the Nursery and Child's Hospital (Matron pro tem)—Requesting an extension of time for the completion of the work of establishing telegraphic communication between said institution and these headquarters. To the Chief of Department.

From John Miller—Respecting defective chimney-flue reported by the Foreman of Hook and Ladder 2, as existing at No. 119 East Forty-seventh street. To the Fire Marshal.

IN RE TRANSFERS IN UNIFORMED FORCE.

Ordered, That, commencing with October 1, 1899, transfers in the Uniformed Force shall take effect only from and after June 30 and December 31 of each year.

SEPTEMBER 23, 1899.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Municipal Civil Service Commission—Reporting that pursuant to the provisions of section 1536 of the Charter the name of James H. Lestrangle has been placed on the eligible list for the position of Assistant Fire Marshal, Borough of Richmond.

From Mayer & Gilbert, attorneys—Requesting payment of the claim of Oil Collector James F. Tierney, Bureau of Combustibles, Borough of Manhattan, reinstated by the Supreme Court, for the salary which accrued between the date of his removal and his restoration, together with interest thereon and \$25 costs. Reply communicated and Corporation Counsel asked whether payment may be made from the "Judgment Fund."

From the Gleason & Bailey Manufacturing Company—Submitting the written consent of the sureties to their contracts, dated June 19, 1899, for furnishing two first-size hose wagons and one Dederick aerial hook and ladder truck, boroughs of Manhattan and The Bronx, and three combination hook and ladder trucks and chemical engines, boroughs of Brooklyn and Queens, to the extension of time granted for the completion of said contracts. Bookkeeper notified.

Referred.

From his Honor the Mayor—Transmitting communication from the New York Board of Fire Underwriters on the necessity of adopting special precautions to diminish the danger from fire during the days of the Dewey celebration. To the Chief of Department. Copy forwarded Police Department.

From Joseph Meyer—Concerning the availability in case of fire of the fire escapes at No. 882 Sixth avenue. To the Chief of Department.

From John W. Sullivan—Proposing to manufacture and keep on hand a propeller wheel for the fire-boats "Robert A. Van Wyck," "The New Yorker" and the "William F. Havemeyer." To the Foreman in charge of Repair Shops.

BOROUGH OF BROOKLYN AND QUEENS.

COMMUNICATIONS RECEIVED AND DISPOSED OF.

Filed.

From the Department of Water Supply—Transmitting copy of report from Superintendent of Repairs in the matter of complaint of Hugh McDevitt, No. 512 Sixteenth street, of insufficient water supply. Reply communicated.

From the Fire Marshal—Report of fires week ending 23d instant.

From the Newtown Volunteer Fire Department—Forwarding estimate for maintenance for the year 1900. Reply communicated.

From Springfield Chemical Engine Company No. 1—Forwarding estimate for maintenance for the year 1900. Reply communicated.

From William P. Hamilton—Concerning obstructions on fire-escapes at No. 74 Oakland avenue. Foreman Engine 38 notified.

Referred.

From F. A. Lippold—Complaining of the buildings in course of construction at Nos. 1122 to 1126 Flatbush avenue. To the Department of Buildings.

From Mrs. Emma Wood—Complaining of frame extension built to house southeast corner Fourteenth street and Sixth avenue. To the Department of Buildings.

From Chiefs of Battalion—Forwarding applications from eighty-six firemen who desire to enter competitive examination for promotion to grade of Engineer of Steamer. To the Chief of Department.

From Foreman Engine 8—Reporting chimney-fire at No. 42 Hudson avenue. To the Inspector of Combustibles.

From Assistant Foreman Engine 15—Reporting chimney-fire at No. 161 Withers street. To the Inspector of Combustibles.

AUGUSTUS T. DOCHARTY, Secretary.

MUNICIPAL CIVIL SERVICE COMMISSION.

MUNICIPAL CIVIL SERVICE COMMISSION OF THE CITY OF NEW YORK,
NEW CRIMINAL COURT BUILDING, CENTRE, ELM, FRANKLIN AND WHITE STREETS,
NEW YORK, October 6, 1899.

Supervisor of the City Record:

DEAR SIR—I beg to submit herewith a statement of appointments in the Civil Service of the city, of which this Commission has received notice since the date of my last report.

Yours respectfully,

LEE PHILLIPS, Secretary.

APPOINTMENTS.

September 1, 1899. Philip H. Smith, Metropolitan Hospital, Blackwell's Island, in the Department of Charities, as Steward, at \$500 per annum, temporary for three months.

September 11, 1899. Lottie Gross, No. 159 East Ninetieth street, in the Department of Education, as Stenographer and Typewriter, at \$720 per annum.

September 15, 1899. Rose Delaney, No. 68 Third street, Long Island City, in Department of Bridges, as Stenographer and Typewriter, temporary for three months.

September 22, 1899. Anthony McCarthy, No. 117 East Forty-fifth street, in the Law Department, as Confidential Attendant, at \$1,600 per annum, under the provisions of Schedule "A."

September 22, 1899. Andrew J. Lalor, in the Police Department, at \$2,500 per annum, as Property Clerk, under the provisions of Schedule "A."

September 22, 1899. Levi W. Abrams, No. 30 Wyckoff street, Brooklyn, in the Bureau of Municipal Statistics, as Statistician, at \$900 per annum.

September 23, 1899. Lee J. Mills, No. 831 Quincy street, Brooklyn, in the Bureau of Municipal Statistics, as Statistician, at \$900 per annum.

September 23, 1899. George P. McVey, No. 10 West One Hundred and Thirty-fifth street, in the Bureau of Municipal Statistics, as Statistician, at \$1,500 per annum.

September 23, 1899. David M. Harburger, No. 36 Charles street, in the Bureau of Municipal Statistics, as Statistician, at \$1,200 per annum.

September 23, 1899. George J. Muller, No. 932 First avenue, in the Bureau of Municipal Statistics, as Statistician, at \$600 per annum.

September 23, 1899. William C. Kibbe, No. 464 Macon street, Brooklyn, in Department of Water Supply, as Inspector of Meters, etc., at \$900 per annum.

September 25, 1899. W. G. Kirkland, in Department of Education, as Deputy Superintendent of School Supplies, at \$1,200 per year.

September 25, 1899. Fernando Maves, in Department of Education, as Examiner of Claims, at \$900 per annum.

September 26, 1899. Charles Griswold, No. 174 West Ninety-eighth street, in Department of Sewers, as Bookkeeper, at \$1,200 per annum.

September 26, 1899. Richard Hill, No. 12 Pine street, Flushing, in Department of Sewers, as Inspector of Sewers, at \$905 per annum.

September 27, 1899. Edward Byrne, No. 29 Harrison street, in Department of Health, as Fruit Inspector, at \$1,200 per annum.

October 2, 1899. Michael R. Stack, No. 165 East One Hundred and Tenth street, in Department of Sewers, as Inspector of Sewers, at \$4 per day.

Weekly Report—Borough of Brooklyn.

September 5, 1899. Robert L. Massonneau, Jr., No. 12 East Nineteenth street, Private Secretary to Borough Superintendent of Schools, Department of Education, Schedule "A," \$1,800 per annum.

August 22, 1899. C. D. Buckley, Orderly, Department of Charities, \$216.

September 23, 1899. J. W. Smith, No. 1610 Eighth avenue, Court Attendant, First District Municipal Court, \$1,000.

September 23, 1899. Samuel A. Ackerman, No. 510 Monroe street, Court Attendant, Second District Municipal Court, \$1,000.

September 23, 1899. John N. McGee, No. 21 Sterling place, Court Attendant, Second District Municipal Court, \$1,000.

September 23, 1899. Robert Hill, No. 935 Jefferson avenue, Court Attendant, Third District Municipal Court, \$1,000.

September 23, 1899. Edward S. Wilson, No. 20 Putnam avenue, Court Attendant, Third District Municipal Court, at \$1,000.

September 23, 1899. William McKee*, No. 176 Lorimer street, Court Attendant, Fourth District Municipal Court, at \$1,000.

September 23, 1899. John F. Dwyer, Kimball road, Court Attendant, Fifth District Municipal Court, at \$1,000.

September 23, 1899. Walter P. Casey, No. 97 Russell street, Court Attendant, Fifth District Municipal Court, at \$1,000.

September 23, 1899. Alfred Huttlinger, Seventy-ninth street and Nineteenth avenue, Court Attendant, Fifth District Municipal Court, at \$1,000.

September 19, 1899. Charles Heyne, No. 503 East Fifteenth street, Manhattan, Watchman, Department of Public Buildings, Lighting and Supplies, at \$720 per annum.

August 23, 1899. Charles E. Bacon, Kings County Hospital, Deputy Superintendent, Department of Charities, \$1,200.

September 1, 1899. Otie B. Foster, Kings County Hospital, Pupil Nurse, Department of Charities, at \$120.

September 1, 1899. Jean G. Nichol, Kings County Hospital, Pupil Nurse, Department of Charities, at \$120.

September 16, 1899. Ruben J. Peters*, No. 424 Elton street, Inspector of Sewer Connection, Department of Sewers, \$905.

September 16, 1899. Luke Dunne*, No. 262 Woodbine street, Inspector of Sewer Connection, Department of Sewers, \$905.

September 16, 1899. Thomas Fell*, No. 39 Ashford street, Inspector of Sewer Connection, Department of Sewers, \$905.

September 16, 1899. Francis H. Collins, Cortlandt and New streets, Inspector of Sewer Connection, Department of Sewers, \$905.

September 16, 1899. John T. Burns, No. 8 Verandah place, Inspector of Sewer Connection, Department of Sewers, \$905.

September 16, 1899. Francis J. Pelletreau, No. 73 Lawrence street, Inspector of Sewer Connection, Department of Sewers, \$905.

September 26, 1899. Thomas F. Moran, No. 395 DeGraw street, Clerk, Department of Sewers, with knowledge of Bookkeeping, Stenography and Typewriting, \$1,500.

September 20, 1899. Jere P. Costello, No. 71 Poplar street, Violation Notice Server, Department of Buildings.

September 18, 1899. James J. Moran, No. 384 Dean street, Inspector of Conduits and Reservoirs, Department of Water Supply, \$1,500.

September 18, 1899. Michael F. Dalton, No. 310 West Forty-ninth street, Inspector of Conduits and Reservoirs, Department of Water Supply, \$1,500.

September 18, 1899. William F. Thompson, No. 762 Myrtle avenue, Inspector of Conduits and Reservoirs, Department of Water Supply, \$1,500.

August 28, 1899. John Graham, No. 156 Ninth avenue, Engineman, Department of Water Supply, \$1,000.

August 28, 1899. John J. Cullen, No. 618 Washington avenue, Engineman, Department of Water Supply, \$1,000.

August 25, 1899. Timothy Ryan, No. 723 Sixth avenue, Engineman, Department of Water Supply, \$1,000.

September 28, 1899. John B. Grimes, No. 146 North Fourth street, Engineman, Department of Water Supply, \$1,000.

September 28, 1899. Thomas Roche, Malbone street and Nostrand avenue, Engineman, Department of Water Supply, \$1,000.

September 22, 1899. Martin Flanagan, No. 225 Conover street, Assistant Corporation Counsel, Law Department, Schedule "A," \$2,500.

(*Veteran.)

DEPARTMENT OF PUBLIC CHARITIES.

BOROUGH OF BROOKLYN AND QUEENS.

COMMISSIONER OF PUBLIC CHARITIES—BOROUGH OF BROOKLYN AND QUEENS,
NOS. 126 AND 128 LIVINGSTON STREET, BOROUGH OF BROOKLYN,
NEW YORK CITY, October 4, 1899.

REPORT OF TRANSACTIONS FOR WEEK ENDING OCTOBER 3, 1899.

September 27.

Reports of labor, census, etc., Hospital and Almshouse, for week ending September 26, 1899. Approved.

Approved weekly requisitions of the various institutions.

Increased salary of John J. Monock, Clerk, from \$1,200 to \$1,500 per annum, from October 1, 1899.

Received bonds in matters of Adele Mewes vs. John Duysen, and Nellie Maher vs. Philip Connolly. On file.

September 28.

Approved pay-roll of the department for the month of September, amounting to \$8,902.09, and transmitted same to Municipal Civil Service Commission.

Approved following bills for the maintenance and care of dependent children, and transmitted same to Auditor:

Industrial School Association of Brooklyn, E. D.	\$2,035 75
Brooklyn Children's Aid Society	439 50
The Convent of the Sisters of Mercy	8 50
"	3 50
St. Malachy's Home	31 00
Brooklyn Howard Colored Orphan Asylum Society	46 50

October 2.

Mary T. Schirter and Susan E. De Moss, appointed Pupil Nurses, Kings County Hospital, from October 1, at a salary of \$120 per annum each.

Lizzie J. Beahan, Hospital Helper, resigned September 30.

Mary M. Whitbeck, Nurse, resigned September 30.

October 3.

Dee Pryor, Hospital Helper, discharged September 30. Cause, insubordination.

The following reports for week ending October 3, 1899, received and placed on file:

Dependent children committed	28	Commitments to Almshouse	39
" discharged	36	" Hospital	68
Orders for abandonment warrants	6	Burial permits issued	14
" bastardy warrants	5	Ambulance calls	4
Letters to delinquent husbands	21		

A. SIMIS, JR., Commissioner.

DEPARTMENT OF HEALTH.

WEEK ENDING SATURDAY, 12 M., SEPTEMBER 30, 1899.

BOROUGH.	ESTIMATED POPULATION JULY 1, 1899.	DEATHS.		BIRTHS.	MAR- RIAGES.	STILL- BIRTHS.	DEATH-RATE.	
		1898.	1899.				1898.	1899.
Manhattan.....	1,953,569	687	576	711	225	46	18.75	15.38
*The Bronx.....	163,537	72	66	54	17	2	27.41	21.06
Brooklyn.....	1,231,548	426	369	375	139	31	18.57	15.63
Queens.....	134,139	60	43	49	10	6	24.45	16.73
Richmond.....	67,260	24	26	29	2	2	19.29	20.17
City of New York.	3,550,053	1,269	1,080	1,218	493	87	19.25	15.87

* Many large institutions raise the death-rate.

Cases of Infectious and Contagious Diseases Reported.

	WEEK ENDING—														
	July 1.	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	
Phthisis	140	98	148	163	106	150	188	181	116	205	163	131	106	99	
Diphtheria.....	191	191	192	161	134	155	104	136	142	104	130	148	145	158	
Croup.....	11	10	4	4	3	..	..	7	16	9	7	4	5	8
Measles.....	278	216	253	203	164	156	4	106	104	83	64	41	55	86	
Scarlet Fever....	93	125	102	93	77	54	45	61	59	53	57	63	80	46	
Small-pox	7	3	..	3	..	..	1	..	..	..	..	..	..	..
Typhoid Fever...	30	16	30	30	40	43	29	61	61	79	70	99	85	64	
Typhus Fever....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total.....	750	659	729	657	524	558	371	552	498	534	491	486	476	461	

Deaths by Principal Causes, According to Locality and Age.

BOROUGH.	Infectious Dis- eases detailed elsewhere.	Malarial Diseases.	Whooping Cough.	Diarrhoeal Diseases.	Diarrhoeal Dis- eases Under 5 Years.	Phthisis.	Bronchitis.	Pneumonia.	Congenital Debility.	Suicides.	Homicides.	Accidents.	Under 1 Year.	Under 5 Years.	5-65 Years.	65 Years and Over.
Manhattan.....	24	..	9	31	25	68	11	68	40	10	1	29	163	232	276	68
The Bronx.....	1	2	..	1	1	13	..	6	9	..	..	4	15	23	32	11
Brooklyn.....	26	2	2	20	17	34	12	23	33	1	..	14	91	149	173	47
Queens.....	1	..	..	2	1	..	1	1	2	2	..	9	7	10	28	5
Richmond.....	1	..	..	1	1	3	..	3	2	..	..	2	3	3	16	7
Total.....	53	4	11	55	45	118	24	101	86	13	1	58	279	417	525	138

Deaths According to Cause, Age and Sex.

	Total Deaths.	Deaths in Corre- sponding Week of 1898.	Males.	Females.	Under 1 Year.	1 Year and Under 2.	2 and Under 5.	Under 5 Years.	5-15.	15-25.	25-45.	45-65.	65 and Over.
Total, all causes.....	1,080	1,269	563	517	279	84	54	417	37	59	233	196	138
Diphtheria.....	20	15	13	7	1	7	9	17	2	1	..	..	..
Croup.....	6	7	4	2	1	1	2	4	2	..	..	..	..
Malarial Fevers.....	4	7	1	3	..	1	1	2	..	..	..	2	..
Measles.....	9	4	3	6	1	6	1	8	1	..	..	..	..
Scarlet Fever.....	2	4	1	1	..	..	..	..	2	..	..	..	..
Small-pox.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever.....	16	30	9	7	..	..	..	3	3	7	2	1	..
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough.....	11	13	7	4	6	3	2	11	..	..	..	..	..
Diarrhoeal Diseases.....	55	132	24	31	31	11	3	45	..	1	4	4	1
Phthisis.....	118	135	63	55	2	1	1	4	..	23	76	12	3
Other Tuberculous Diseases.....	27	26	13	14	7	1	7	15	4	2	3	2	1
Diseases of the Nervous System.....	99	105	51	48	19	8	5	32	3	4	13	25	22
Heart Diseases.....	68	93	31	37	1	..	1	2	1	4	14	28	19
Bronchitis.....	24	36	12	12	12	4	1	17	..	..	1	3	3
Pneumonia.....	101	102	49	52	33	15	8	56	3	4	17	8	13
Other Diseases of Re- spiratory Organs.....	26	15	14	12	..	3	4	7	1	1	1	9	7
Diseases of Digestive System.....	135	144	73	62	69	14	3	86	4	3	11	20	11
Diseases of Urinary System.....	91	81	45	46	1	1	1	3	3	2	28	36	19
*Congenital Debility.....	86	127	47	39	83	3	..	86	..	..	..	..	..
Old Age.....	21	22	8	13	..	..	..	..	..	..	..	2	19
Suicides.....	13	10	7	6	..	..	..	..	2	6	5	..	..
Other violent deaths.....	59	51	44	15	2	2	4	8	6	4	31	6	4
†All other causes.....	89	110	44	45	10	3	1	14	2	5	21	32	15

* Including Premature Births, Preterm Births, Inanition, Marasmus, and all Congenital Defects.

† Via: Syphilis, 2; Cerebro-spinal Fever, 5; Cancer, 36; Anemia, 3; Rheumatism, 5; Diabetes, 3; Embolism, 3; Ovarian Diseases, 3; Puerperal Fever, 1; Puerperal Convulsions, 3; Alcoholism, 9; Diseases of Uterus, 1; Hip Disease, 1; Necrosis, 1; Pelvic Abscess, 1; Miscarriage, 2; Abscesses, 3; Chronic Rheumatism, 1; Senile Gangrene, 2; Debility, 3; Ulcers, 1.

Deaths by Violence in Detail:

Fractures and Contusions, 22; Burns and Scalds, 7; Drowning, 9; Railroad, 11; Poison, 4; Wounds, 3; Suffocation, 1; Surgical Operation, 1; Homicide, 1.

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

	WEEK ENDING—													
	July 8.	July 15.	July 22.	July 29.	Aug. 5.	Aug. 12.	Aug. 19.	Aug. 26.	Sept. 2.	Sept. 9.	Sept. 16.	Sept. 23.	Sept. 30.	
Total deaths.....	1,607	1,652	1,559	1,444	1,245	1,318	1,142	1,225	1,155	1,306	1,124	1,154	1,080	
Annual death-rate	23.62	24.28	22.91	21.22	18.30	19.37	16.78	18.00	16.98	19.20	16.52	16.96	15.87	
Diphtheria	42	25	42	24	19	30	25	20	23	26	15	26	20	
Croup.....	6	2	6	1	4	1	5	9	6	2	10	6	6	
Malarial Fevers.....	3	5	2	11	6	4	1	4	6	4	5	1	4	
Measles	13	11	13	7	8	11	7	6	6	9	6	7	9	
Scarlet Fever.....	7	6	10	4	5	2	2	7	4	4	4	4	2	
Small-pox	1	..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever	10	11	8	10	15	12	17	16	12	21	16	19	16	
Typhus Fever.....	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough.....	10	16	19	12	15	15	16	26	17	16	10	15	11	
Diarrhoeal Diseases....	350	344	328	264	180	181	123	144	123	136	101	86	55	
Diarrhoeal Diseases } under 5 years.... }	328	318	300	231	155	159	103	129	109	120	91	78	45	
Phthisis	140	163	154	140	122	169	138	141	151	159	117	128	118	
Bronchitis.....	20	21	14	29	15	16	18	25	18	36	26	30	24	
Pneumonia	114	103	89	103	63	90	62	91	84	93	105	98	101	
Other Diseases of Re- spiratory Organs. }	14	18	18	17	10	6	9	11	9	21	9	16	26	
Violent Deaths	74	104	62	67	57	73	57	80	68	67	78	64	72	
Under one year.....	634	666	634	512	437	417	311	382	356	381	320	334	279	
Under five years.....	845	873	863	702	600	586	448	573	505	566	514	478	417	
Five to sixty-five.....	600	639	569	578	508	599	549	518	504	606	483	541	525	
Sixty-five years and over	162	140	127	164	137	133	145	134	146	134	127	135	138	
In Public and Private } Institutions	326	320	326	294	279	206	286	272	264	305	262	271	253	
Inquest Cases.....	169	217	157	154	154	171	169	141	140	170	167	152	169	
Mean barometer.....	29.915	29.880	29.838	29.899	29.840	29.812	29.947	29.852	30.091	29.913	29.996	29.970	29.920	
Mean humidity.....	74.	62.	57.	73.	76.	74.	76.	78.	71.	64.	60.	69.	64.	
Inches of rain and snow	1.94	.66	.98	.88	.82	2.30	.02	.27	2.13	.96	.77	1.46	.81	
Mean temperature (Fahrenheit).....	78.6°	75.4°	77.7°	75.8°	77.6°	74.1°	74.3°	78.2°	72.3°	71.2°	62.7°	66.2°	63.1°	
Maximum tempera- ture (Fahrenheit).....	93.0°	88.0°	90.0°	95.0°	94.0°	88.0°	92.0°	93.0°	83.0°	86.0°	78.0°	78.0°	77.0°	
Minimum temperature (Fahrenheit).....	64.0°	66.0°	66.0°	64.0°	65.0°	60.0°	62.0°	69.0°	65.0°	55.0°	49.0°	55.0°	45.0°	

Infectious and Contagious Diseases in Hospital.

	WILLARD PARKER HOSPITAL.			RIVERSIDE HOSPITAL.			KINGSTON AVENUE HOSPITAL.		
	Scarlet Fever.	Diphtheria.	Total.	Diphtheria.	Measles.	Scarlet Fever.	Small-pox.	Total.	Total.
Remaining September 23.	6	23	29	7	10	1	..	18	34
Admitted.....	2	12	14	1	..	..	..	1	8
Discharged.....	2	9	11	..	4	..	..	4	19
Died.....	..	2	2	..	1	..	..	1	1
Remaining September 30.	6	24	30	8	5	1	..	14	22
Total treated.....	8	35	43	8	10	1	..	19	42

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

BOROUGH.	WARDS.	SICKNESS.						DEATHS REPORTED.								
		Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	All Causes.
Manhattan.	First .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	Second .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Third .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Fourth .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	Fifth	1	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	Sixth. ....	..	..	..	..	..	1	..	..	..	..	..	..	1	..	10
	Seventh	3	..	4	1	..	2	..	..	..	..	..	..	..	..	42
	Eighth	1	..	4	2	..	..	..	..	..	..	..	..	..	..	13
	Ninth.....	2	..	3	2	..	..	..	..	..	..	..	..	1	..	21
	Tenth.....	2	..	6	2	..	..	..	..	..	..	..	..	..	..	20
	Eleventh.....	1	..	3	1	..	2	..	..	..	..	..	..	..	..	17
	Twelfth	17	1	20	4	..	10	..	2	1	..	..	..	..	..	109
	Thirteenth.....	4	1	6	1	..	..	..	..	..	..	..	..	..	..	16
	Fourteenth .....	..	1	2	1	..	1	..	..	..	..	..	..	..	..	9

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

BOROUGH.	WARDS.	SICKNESS.							DEATHS REPORTED.							All Causes.
		Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	Diphtheria.	Croup.	Measles.	Scarlet Fever.	Small-pox.	Typhoid Fever.	Typhus Fever.	
Manhattan.	Fifteenth.....	2	..	2	..	..	1	..	..	..	..	..	..	..	..	7
	Sixteenth.....	5	..	1	..	..	1	..	1	..	..	..	..	..	..	13
	Seventeenth.....	2	1	6	1	..	1	..	1	1	2	..	..	..	..	45
	Eighteenth.....	9	..	2	1	..	2	..	2	..	..	..	1	..	..	21
	Nineteenth.....	32	..	8	2	..	3	..	2	1	1	..	..	..	..	88
	Twentieth.....	1	..	5	1	..	1	..	2	..	..	..	..	1	..	35
	Twenty-first.....	1	1	1	..	..	4	..	..	..	..	..	..	..	..	30
	Twenty-second.....	8	..	1	4	..	4	..	1	..	..	..	..	2	..	61
	Twenty-third.....	7	..	..	..	..	..	..	..	1	..	..	..	..	..	41
The Bronx.	Twenty-fourth.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	25
	Total.....	101	5	74	23	..	42	..	11	3	4	..	..	7	..	642
Brooklyn.	First.....	..	..	2	..	..	..	..	..	..	..	..	..	..	..	7
	Second.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Third.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	Fourth.....	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	Fifth.....	1	1	..	..	..	..	..	1	..	..	..	..	..	..	7
	Sixth.....	..	1	..	1	..	..	..	1	..	1	..	..	..	..	25
	Seventh.....	3	..	..	..	..	..	..	..	..	..	..	..	..	..	11
	Eighth.....	3	..	..	1	..	..	..	1	..	..	..	..	..	..	15
	Ninth.....	2	..	..	..	..	1	..	1	..	..	..	..	..	..	17
	Tenth.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	12
	Eleventh.....	4	..	..	..	..	1	..	..	..	..	..	..	..	..	11
	Twelfth.....	..	..	..	2	..	..	..	..	..	..	..	..	..	..	16
	Thirteenth.....	..	..	..	..	..	..	..	..	1	..	..	..	..	..	8
	Fourteenth.....	..	..	..	1	..	2	..	..	..	1	..	..	..	..	12
	Fifteenth.....	..	..	..	1	..	1	..	1	..	..	..	..	..	..	14
	Sixteenth.....	6	..	..	1	..	..	..	..	..	..	..	..	2	..	15
	Seventeenth.....	3	..	..	1	..	..	..	1	..	..	..	..	..	..	19
	Eighteenth.....	4	..	..	..	..	..	..	..	..	..	..	1	..	..	8
	Nineteenth.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	Twentieth.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	Twenty-first.....	5	..	..	1	..	1	..	..	..	..	..	1	..	..	15
	Twenty-second.....	4	..	..	3	..	2	..	3	..	..	..	..	..	..	16
	Twenty-third.....	1	1	..	..	..	1	..	1	..	..	..	..	..	..	19
	Twenty-fourth.....	2	..	..	..	..	..	..	..	..	..	..	..	..	..	12
	Twenty-fifth.....	2	..	..	1	..	..	..	..	..	..	..	..	1	..	9
	Twenty-sixth.....	2	..	9	..	..	..	..	..	..	..	..	..	..	..	13
	Twenty-seventh.....	1	..	..	..	..	1	..	..	..	..	..	..	1	..	18
	Twenty-eighth.....	2	..	..	7	..	..	..	..	..	..	..	..	2	..	20
	Twenty-ninth.....	1	..	..	..	..	1	..	1	..	4	..	..	..	..	19
	Thirtieth.....	..	..	1	..	..	2	..	..	..	..	..	..	..	..	3
	Thirty-first.....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	7
	Thirty-second.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	Total.....	50	3	12	21	..	14	..	8	3	5	2	..	8	..	369
Queens.	First.....	..	..	..	1	..	..	..	..	..	..	..	..	..	..	15
	Second.....	1	..	..	..	..	..	..	1	..	..	..	..	..	..	9
	Third.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8
	Fourth.....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	8
	Fifth.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	Total.....	1	..	..	1	..	1	..	1	..	..	..	..	..	..	43
Richmond.	First.....	2	..	..	1	..	4	..	..	..	..	..	..	..	..	10
	Second.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	5
	Third.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	3
	Fourth.....	2	..	..	..	..	3	..	..	..	..	..	..	..	..	5
	Fifth.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	3
	Total.....	6	..	..	1	..	7	..	..	..	..	..	..	1	..	26

General Work of the Department.

Total inspections of premises.....	17,948
“ orders issued for abatement of nuisances.....	737
“ inspections of milk and other foods.....	18,675
“ pounds of food condemned and destroyed.....	57,218
“ chemical analyses made.....	21
“ bacteriological examinations made for diphtheria.....	246
“ bacteriological examinations made for tuberculosis.....	64
“ vaccinations performed.....	878
“ children's employment certificates granted.....	385
“ children's employment certificates refused.....	21
“ medical inspections of schools.....	1,544

Analysis of Croton Water, September 27, 1899.

	RESULTS, EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS, EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSAND.
Appearance.....	Slightly turbid.	Slightly turbid.
Color.....	Light yellowish brown.	Light yellowish brown.
Odor (Heated to 100° Fahr.).....	Marshy.	Marshy.
Chlorine in Chlorides.....	0.127	0.218
Equivalent to Sodium Chloride.....	0.210	0.360
Phosphates (P ₂ O ₅).....	None.	None.
Nitrogen in Nitrites.....	None.	None.
Nitrogen in Nitrates.....	0.0115	0.0197
Free Ammonia.....	0.0006	0.0010
Albuminoid Ammonia.....	0.0117	0.0200
Total Nitrogen.....	0.0216	0.0370
Hardness equivalent to Carbonate of Lime { Before boiling.....	2.38	4.08
After boiling.....	2.38	4.08
Organic and volatile (loss on ignition).....	1.46	2.50
Mineral matter (non-volatile).....	3.38	5.80
Total solids (by evaporation).....	4.84	8.30

Temperature at hydrant, 66° Fahr.

Analysis of Ridgewood Water, September 27, 1899.

	RESULTS, EXPRESSED IN GRAINS PER U. S. GALLON OF 231 CUBIC INCHES.	RESULTS, EXPRESSED IN PARTS BY WEIGHT IN ONE HUNDRED THOUSAND.
Appearance.....	Very slightly turbid.	Very slightly turbid.
Color.....	None.	None.
Odor (Heated to 100° Fahr.).....	Marshy.	Marshy.
Chlorine in Chlorides.....	1.270	2.178
Equivalent to Sodium Chloride.....	2.097	3.597
Phosphates (P ₂ O ₅).....	None.	None.
Nitrogen in Nitrites.....	None.	None.
Nitrogen in Nitrates.....	0.0477	0.0819
Free Ammonia.....	0.0003	0.0005
Albuminoid Ammonia.....	0.0017	0.0030
Total Nitrogen.....	0.0494	0.0848
Hardness equivalent to Carbonate of Lime { Before boiling.....	2.40	4.12
After boiling.....	2.40	4.12
Organic and volatile (loss on ignition).....	1.46	2.50
Mineral matter (non-volatile).....	4.84	8.30
Total solids (by evaporation).....	6.30	10.80

Temperature at hydrant, 67° Fahr.

MAP OF THE CITY OF NEW YORK

SHOWING BOROUGH LINES.

● BOROUGH OFFICES.
● CONTAGIOUS DISEASE HOSPITALS.

By order of the Board.

CASPAR GOLDBERMAN, Secretary pro tem.

Bureau for the Collection of Taxes.

DAVID E. AUSTEN, Receiver of Taxes,
JOHN J. McDONOUGH, Deputy Receiver of Taxes,
Borough of Manhattan.
JOHN B. UNDERHILL, Deputy Receiver of Taxes,
Borough of The Bronx.
JAMES E. BOUCK, Deputy Receiver of Taxes, Borough
of Brooklyn.
FREDERICK W. BLICKWERN, Deputy Receiver of
Taxes, Borough of Queens.
MATTHEW S. TULLY, Deputy Receiver of Taxes,
Borough of Richmond.

Bureau for the Collection of City Revenue and of Markets.

DAVID O'BRIEN, Collector of City Revenue and
Superintendent of Markets.
ALEXANDER MEAKIM, Clerk of Markets.

Bureau of the City Chamberlain.

PATRICK KERNAN, City Chamberlain.
JOHN H. CAMPBELL, Deputy Chamberlain.

Office of the City Paymaster.

No. 83 Chambers street and No. 65 Reade street
JOHN H. TIMMERMAN, City Paymaster.

BOARD OF PUBLIC IMPROVEMENTS.

Nos. 13 to 22 Park Row, 18th floor, 9 A. M. to 4 P. M.
Saturdays, 9 A. M. to 12 M.
MAURICE F. HOLAHAN, President.
JOHN H. MOONEY, Secretary.

Department of Highways.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES P. KEATING, Commissioner of Highways.
WILLIAM N. SHANNON, Deputy for Manhattan.
THOMAS R. FARRELL, Deputy for Brooklyn.
JAMES H. MALONEY, Deputy for Bronx.
JOHN P. MADDEN, Deputy for Queens.
HENRY P. MORRISON, Deputy and Chief Engineer for
Richmond. Office, "Richmond Building," corner Rich-
mond Terrace and York avenue, New Brighton, S. I.

Department of Sewers.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES KANE, Commissioner of Sewers.
MATTHEW F. DONOHUE, Deputy for Manhattan.
THOMAS J. BYRNES, Deputy for Bronx.
WILLIAM BRENNAN, Deputy for Brooklyn.
MATTHEW J. GOLDNER, 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.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.; Saturdays,
9 A. M. to 12 M.
JOHN L. SHEA, Commissioner.
THOMAS H. YORK, Deputy.
SAMUEL R. PROBASCO, Chief Engineer.
MATTHEW H. MOORE, Deputy for Bronx.
HARRY BEAM, Deputy for Brooklyn.
JOHN E. BACKUS, Deputy for Queens.

Department of Water Supply.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
WILLIAM DALTON, Commissioner of Water Supply.
JAMES H. HASLIN, Deputy Commissioner.
GEORGE W. BIRDSALL, Chief Engineer.
W. G. BYRNE, Water Register.
JAMES MOFFETT, Deputy Commissioner, Borough
Brooklyn, Municipal Building.
WILLIAM RASQUIN, Jr., Deputy Commissioner, Bor-
ough of Queens, Long Island City.
THOMAS J. MULLIGAN, Deputy Commissioner,
Borough of The Bronx, Crotona 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.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
JAMES MCCARTNEY, Commissioner.
F. M. GIBSON, Deputy Commissioner for Borough of
Manhattan, No. 346 Broadway.
PATRICK H. QUINN, Deputy Commissioner for
Borough of Brooklyn, Room 37 Municipal Building.
JOSEPH LIEBERTZ, Deputy Commissioner for Borough
of The Bronx, No. 615 East One Hundred and Fifty-
second street.

JOHN P. MADDEN, Deputy Commissioner for Borough
of Queens, Municipal Building, Long Island City.

Department of Buildings, Lighting and Supplies.

Nos. 13 to 21 Park Row, 9 A. M. to 4 P. M.
HENRY S. KEARNY, Commissioner of Public Build-
ings, Lighting and Supplies.
PETER J. DOOLING, Deputy Commissioner for Man-
hattan.
GEO. BEST, Deputy Commissioner for The Bronx.
WILLIAM WALTON, Deputy Commissioner for Brook-
lyn.
JOEL FOWLER, Deputy Commissioner for Queens.
EDWARD I. MILLER, Deputy Commissioner for Rich-
mond.

LAW DEPARTMENT.

Office of Corporation Counsel.
Staats-Zeitung Building, 3d and 4th floors 9 A. M. to
5 P. M.; Saturdays, 9 A. M. to 12 M.
JOHN WHALEN, Corporation Counsel.
THEODORE CONNOLLY, W. W. LADD, Jr., CHARLES
BLANDY, Assistants.
WILLIAM J. CARR, Assistant Corporation Counsel for
Brooklyn.

Bureau for Collection of Arrears of Personal Taxes.

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

JAMES C. SPENCER, Assistant Corporation Counsel.

Bureau for the Recovery of Penalties.

Nos. 113 and 121 Nassau street.
ADRIAN T. KIERNAN, Assistant Corporation Counsel.

Bureau of Street Openings.

Nos. 90 and 92 West Broadway.
JOHN P. DUNN, Assistant to Corporation Counsel.

POLICE DEPARTMENT.

Central Office.
No. 300 Mulberry street, 9 A. M. to 4 P. M.
BERNARD J. YORK, President of the Board; JOHN
B. SEXTON, JACOB HESS, HENRY E. ABELL, Commis-
sioners.

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; Commis-
sioner for Manhattan and Bronx.
THOMAS S. BRENNAN, Deputy Commissioner.
ADOLPH SIMIS, Jr., Commissioner for Brooklyn and
Queens, Nos. 126 and 128 Livingston street, Brooklyn.
EDWARD GLINNEN, Deputy Commissioner.
JAMES FENEY, Commissioner for Richmond.
Plans and Specifications, Contracts, Proposals and
Estimates for Work and Materials for Building, Re-
pairs and Supplies, Bills 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 Twelfth street, 9 A. M. to 4 P. M.
FRANCIS J. LANTY, Commissioner.
N. O. FANNING, Deputy Commissioner.
JAMES J. KIRWIN, Deputy Commissioner for Bor-
oughs 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. SCANNELL, Fire Commissioner.
JAMES H. TULLY, Deputy Commissioner, Borough
of Brooklyn and Queens.
AUGUSTUS T. DOCHARTY, Secretary.
EDWARD F. CROKER, Chief of Department, and in
Charge of Fire-Alarm Telegraph.
JAMES DALE, Deputy Chief, in Charge of Boroughs
of Brooklyn and Queens.
GEORGE E. MURRAY, Inspector of Combustibles.
PETER SEERY, Fire Marshal, Boroughs of Manhattan
The Bronx and Richmond.
ALONZO BRYMER, Fire Marshal, Boroughs of Brook-
lyn and Queens.
Central Office open at all hours.

DEPARTMENT OF DOCKS AND FERRIES.

Pier "A," N. R., Battery place.
J. SERGRANT CRAM, President; CHARLES F. MURPHY,
Treasurer; PETER F. MEYER, Commissioners.
WILLIAM H. BURKE, Secretary.
Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

DEPARTMENT OF HEALTH.

Southwest corner of Fifty-fifth street and Sixth ave-
nue, 9 A. M. to 4 P. M.
MICHAEL C. MURPHY, President, and WILLIAM T.
JENKINS, M. D., JOHN B. COSBY, M. D., THE PRESI-
DENT OF THE POLICE BOARD, *ex-officio*, and the HEALTH
OFFICER OF THE PORT, *ex-officio*, Commissioners.
EMMONS CLARK, Secretary.
CHARLES F. ROBERTS, M. D., Superintendent, Bor-
ough of Manhattan.
EUGENE MONAHAN, M. D., Assistant Sanitary
Superintendent, Borough of The Bronx.
ROBERT A. BLACK, M. D., Assistant Sanitary Super-
intendent, Borough of Brooklyn.
OBER L. LUSK, M. D., Assistant Sanitary Superin-
tendent, Borough of Queens.
JOHN L. FEENEY, M. D., Assistant Sanitary Superin-
tendent, Borough of Richmond.

DEPARTMENT OF PARKS.

Arsenal Building, Central Park, 9 A. M. to 4 P. M.;
Saturdays, 12 M.
GEORGE C. CLAUSEN, President, Commissioner in
Manhattan and Richmond.
GEORGE V. BROWER, Commissioner in Brooklyn and
Queens.
AUGUST MORBUS, Commissioner in Borough of The
Bronx, Zbrowski Mansion, Claremont Park.

DEPARTMENT OF BUILDINGS.

Main Office, No. 220 Fourth avenue, Borough of Man-
hattan. Office hours, 9 A. M. to 4 P. M.; Saturday,
9 A. M. to 12 M.
THOMAS J. BRADY, President of the Board of Build-
ings and Commissioner for the Boroughs of Manhattan
and The Bronx.
JOHN GUILFOYLE, 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 Man-
hattan and The Bronx, No. 220 Fourth avenue, Borough
of Manhattan.
Office of the Department for the Borough of Brook-
lyn, 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. FEITNER, President of the Board; ED-
WARD C. SHEEHY, ARTHUR C. SALMON, THOMAS J.
PATTERSON and WILLIAM GRELL, Commissioners.

BUREAU OF MUNICIPAL STATISTICS.

Nos. 13 to 21 Park Row, Room 1911. 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.
GRUBE, LL. D., HARRY PAYNE WHITNEY, ANTONIC
RASINES, JULIUS G. KUGELMAN, RICHARD T. WILSON
Jr., ERNEST HARVIER.

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, ALEXANDER T. MASON
and WILLIAM N. DYKMAN, Commissioners.
LEE PHILLIPS, Secretary.

BOARD OF ASSESSORS.

Office, No. 320 Broadway, 9 A. M. to 4 P. M.
EDWARD CAHILL, THOMAS A. WILSON, EDWARD
MCQUE, PATRICK M. HAVERTY and JOHN B. MEYEN-
BORG, Board of Assessors. WILLIAM H. JASPER,
Secretary.

DEPARTMENT OF EDUCATION.

BOARD OF EDUCATION.
No. 146 Grand street, Borough of Manhattan, 9 A. M.
to 5 P. M.; Saturdays, 9 A. M. to 12 M.
JOSEPH J. LITTLE, President; A. EMERSON PALMER,
Secretary.

School Board for the Boroughs of Manhattan and The Bronx.

No. 146 Grand street, Borough of Manhattan.
JOSEPH J. LITTLE, President; ARTHUR McMULLIN,
Secretary.

School Board for the Borough of Brooklyn.

No. 131 Livingston street, Brooklyn.
CHARLES E. ROBERTSON, President; GEORGE G.
BROWN, Secretary.

School Board for the Borough of Queens.

Flushing, L. I.
F. DE HAAS SIMONSON, President; JOSEPH H. FITZ-
PATRICK, Secretary.

School Board for the Borough of Richmond.

Stapleton, Staten Island.
JOHN T. BURKE, President; FRANKLIN C. VITT, Sec-
retary.

SHERIFF'S OFFICE.

Stewart Building, 9 A. M. to 4 P. M.
THOMAS J. DUNN, Sheriff; HENRY P. MULVANY,
Under Sheriff.

SHERIFF'S OFFICE, KINGS COUNTY.

County Court-house, Brooklyn.
FRANK D. CREAMER, Sheriff; WILLIAM J. BOGEN-
SHUTZ, Under Sheriff.

SHERIFF'S OFFICE, QUEENS COUNTY.

County Court-house, Long Island City, 9 A. M. to 4 P. M.
WILLIAM CAS BAKER, Sheriff; WILLIAM METHVEN,
Under Sheriff.

SHERIFF'S OFFICE, RICHMOND COUNTY.

County Court-house, Richmond, S. I., 9 A. M. to 4 P. M.
AUGUSTUS ACKER, Sheriff.

REGISTER'S OFFICE.

East side City Hall Park, 9 A. M. to 4 P. M.
ISAAC FROMME, Register; JOHN VON GLAHN,
Deputy Register.

REGISTER, KINGS COUNTY.

Hall of Records. Office hours, 9 A. M. to 4 P. M., ex-
cepting months of July and August, then from 9 A. M.
to 2 P. M., provided for by statute.
HENRY F. HAGGERTY, Register.
WILLIAM BARRE, Deputy Register.

COMMISSIONER OF JURORS.

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

SPECIAL COMMISSIONER OF JURORS.

No. 111 Fifth avenue.
H. W. GRAY, Commissioner.

COMMISSIONER OF JURORS, KINGS COUNTY.

3 Court-house.
WILLIAM A. FUREY, Commissioner.

SPECIAL COMMISSIONER OF JURORS, KINGS COUNTY.

No. 325 Fulton street.
EDWARD J. DOOLEY, Commissioner.

COMMISSIONER OF JURORS, QUEENS COUNTY.

EDWARD J. KNAUER, Commissioner.

COMMISSIONER OF JURORS, RICHMOND COUNTY.

CHARLES J. KULLMAN, Commissioner.
J. HOWARD VAN NAME, Deputy.

NEW YORK COUNTY JAIL.

No. 70 Ludlow street, 9 A. M. to 4 P. M.
PATRICK H. PICKETT, Warden.

COUNTY CLERK'S OFFICE.

Nos. 7 and 8 New County Court-house, 9 A. M. to 4
P. M.
WILLIAM SOHMER, County Clerk.
GEORGE H. FAHRBACH, Deputy.

KINGS COUNTY CLERK'S OFFICE.

Hall of Records, Brooklyn, 9 A. M. to 4 P. M.
WILLIAM P. WUEST, County Clerk.
WILLIAM J. LYNCH, Deputy.

QUEENS COUNTY CLERK'S OFFICE.

Jamaica, N. Y., Fourth Ward, Borough of Queens.
Office hours, 8 A. M. to 5 P. M.; Saturdays, 8 A. M. to
12 M.
JOHN H. SUTPHIN, County Clerk.
CHARLES DOWNING, Deputy County Clerk.

RICHMOND COUNTY CLERK'S OFFICE.

County Office Building, Richmond, S. I., 9 A. M. to 4
P. M.
JOSEPH SIMONSON, County Clerk.
CROWELL M. CONNER, Deputy.

NEW EAST RIVER BRIDGE COMMISSION.

Commissioners' Office, Nos. 49 and 51 Chambers
street, New York, 9 A. M. to 4 P. M.
LEWIS NIXON, President; JAMES W. BOYLE, Vice-
President; JAMES D. BELL, Secretary; JULIAN D.
FAIRCHILD, Treasurer; JOHN W. WEBER, SMITH E.
LANE and THE MAYOR, Commissioners.
Chief Engineer's Office, No. 84 Broadway, Brooklyn,
E. D., 9 A. M. to 5 P. M.

CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

Room 58, Schermerhorn Building, No. 96 Broadway.
Meetings, Mondays, Wednesdays and Fridays, at 3
P. M.
WILLIAM E. STILLINGS, Chairman; WARREN W.
FOSTER, CHARLES A. JACKSON, Commissioners.
LAMONT McDOUGHLIN, Clerk.

DISTRICT ATTORNEY.

New Criminal Court Building, Centre street, 9 A. M.
to 4 P. M.
ASA BIRD GARDINER, District Attorney; WILLIAM J.
McKENNA, Chief Clerk.

KINGS COUNTY DISTRICT ATTORNEY.

Office, County Court-house, Borough of Brooklyn.
Hours, 9 A. M. to 4 P. M.
HIRAM R. STEELE, District Attorney; ARTHUR H.
WALKLEY, Chief Clerk.

QUEENS COUNTY DISTRICT ATTORNEY

GEORGE W. DAVISON, District Attorney.

RICHMOND COUNTY DISTRICT ATTORNEY.

Port Richmond, S. I.
EDWARD S. RAWSON, District Attorney.

CORONERS.

Borough of Manhattan.
Office, New Criminal Court Building. Open at all
times of day and night.
EDWARD T. FITZPATRICK, JACOB E. BAUSCH, EDWARD
W. HART, ANTONIO ZUCCA.

Borough of The Bronx.

ANTHONY McOWEN, THOMAS M. LYNN.

Borough of Brooklyn.

ANTHONY J. BURGER, GEORGE W. DELAP.

Borough of Queens.

PHILIP T. CRONIN, DR. SAMUEL S. GUY, JR., LEONARD
ROUFF, JR., Jamaica, L. I.

Borough of Richmond.

JOHN SEAYER, GEORGE C. TRANTER.

SURROGATES' COURT.

New County Court-house. Court opens at 10.30
A. M.; adjourns 4 P. M.
FRANK T. FITZGERALD, JAMES M. VARNUM, Sur-
rogates; WILLIAM V. LEARY, Chief Clerk.

CITY MAGISTRATES' COURTS.

Courts open from 9 A. M. until 4 P. M.
City Magistrates.—HENRY A. BRANN, ROBERT C.
CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES
A. FLAMMER, LORENZ ZELLER, CLARENCE W. MRADE,
JOHN O. MOTT, JOSEPH POOL, JOHN B. MAYO, ED-
WARD HOGAN, W. H. OLNSTEAD.
LUDWIG F. THOMA, Secretary.
First District—Criminal Court Building
Second District—Jefferson Market.
Third District—No. 69 Essex street

Fourth District—Fifty-seventh street, near Lexington

avenue.
Fifth District—One Hundred and Twenty-first street
southeastern corner of Sylvan place.

Sixth District—One Hundred and Fifty-eighth street
and Third avenue.

Seventh District—Fifty-fourth street, west of Eighth
avenue.

SECOND DIVISION.

Borough of Brooklyn.

First District—No. 318 Adams street. JACOB BRENNER, Magistrate.

Second District—Court and Butler streets. HENRY BRISTOW, Magistrate.

Third District—Myrtle and Vanderbilt avenues. CHARLES E. TEALE, Magistrate.

Fourth District—Nos. 6 and 8 Lee avenue. WILLIAM KRAMER, Magistrate.

Fifth District—Ewen and Powers streets. ANDREW LEMON, Magistrate.

Sixth District—Gates and Reid avenues. LEWIS R. WORTH, Magistrate.

Seventh District—No. 31 Grant street, Flatbush. ALFRED E. STERNS, Magistrate.

Eighth District—Coney Island. J. LOTT NOSTRAND, Magistrate.

Borough of Queens.

First District—Nos. 21 and 23 Jackson avenue, Long Island City. MATTHEW J. SMITH, Magistrate.

Second District—Flushing, Long Island. LUKE J. CONNORTON, Magistrate.

Third District—Far Rockaway, Long Island. EDMUND J. HEALY, Magistrate.

Borough of Richmond.

First District—New Brighton, Staten Island. JOHN CROAK, Magistrate.

Second District—Stapleton, Staten Island. NATHANIEL MARSH, Magistrate.

Secretary to the Board, FRANK J. GARDNER, Myrtle and Vanderbilt avenues, Borough of Brooklyn.

KINGS COUNTY SURROGATE'S COURT.

County Court-house, Brooklyn.
GEORGE B. ABBOTT, Surrogate; MICHAEL F. MCGOLD-
RICK, Chief Clerk.

COUNTY JUDGE AND SURROGATE.

County Office Building, Richmond, S. I.
STEPHEN D. STEVENS, County Judge.

KINGS COUNTY TREASURER

Court-house, Room 14.
JOHN W. KIMBALL, Treasurer; THOMAS F. FARRELL,
Deputy Treasurer.

THE COMMISSIONERS OF RECORDS.

Kings County.—Room 7, Hall of Records.
GEORGE E. WALDO, Commissioner.
FRANK M. THORNBURN, Deputy Commissioner.

EXAMINING BOARD OF PLUMBERS

Rooms 14, 15 and 16 Nos. 149 to 151 Church street.
President, JOHN RENNAN; Secretary, JAMES E. MCGOVERN; Treasurer, EDWARD HALEY, HORACE LOOMIS, P. J. ANDREWS, *ex-officio*.
Meet every Monday, Wednesday and Friday at 2 P. M.

SUPREME COURT.

County Court-house, 10.30 A. M. to 4 P. M.
Special Term, Part I., Room No. 2.
Special Term, Part II., Room No. 15.
Special Term, Part III., Room No. 19.
Special Term, Part IV., Room No. 17.
Special Term, Part V., Room No. 23.
Special Term, Part VI., Room No. 21.
Special Term, Part VII., Room No. 25.
Special Term, Part VIII., Room No. 34.
Trial Term, Part I., Room No. 16.
Trial Term, Part II., Room No. 17.
Trial Term, Part III., Room No. 18.
Trial Term, Part IV., Room No. 32.
Trial Term, Part V., Room No. 31.
Trial Term, Part VI., Room No. 30.
Trial Term, Part VII., Room No. 24.
Trial Term, Part VIII., Room No. 22.
Naturalization Bureau, Room No. 26.
Justices.—ABRAHAM R. LAWRENCE, CHARLES H. TRUX, CHARLES F. MACLEAN, FREDERICK SMYTH, JAMES FITZGERALD, MILES BRACH, DAVID LEVENTRITT, LEONARD A. GEIGRICH, HENRY W. BOOKSTAVEN, HENRY BISCHOFF, JR., JOHN T. FRIEDMAN, GEORGE P. ANDREWS, P. HENRY DUGRO, DAVID MCADAM, HENRY R. BECKMAN, HENRY A. GILDERSLEEVE, FRANCIS M. SCOTT. WILLIAM SOHMER, Clerk.

CITY COURT.

Brown-stone Building, City Hall Park.
General Term.
Trial Term, Part I.
Part II.
Part III.
Part IV.
Special Term Chambers will be held 10 A. M. to 4 P. M.

Clerk's Office, Brown-stone Building, No. 32 Chambers street, 9 A. M. to 4 P. M.
JAMES M. FITZSIMONS, Chief Justice; JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER, JOHN P. SCHUCHMAN and THEODORE F. HASCALL, Justices. THOMAS F. SMITH, Clerk.

COURT OF SPECIAL SESSIONS.

Building for Criminal Courts, Centre street, between Franklin and White streets, Borough of Manhattan. Court opens at 10 A. M.

Justices—First Division—ELIZUR B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACOB, JOHN B. MCKEAN, WILLIAM C. HOLBROOK, WILLIAM M. FULLER, Clerk; JOSEPH H. JONES, Deputy Clerk.

Clerk's office open from 9 A. M. to 4 P. M.
Second Division—Trial days—Borough Hall, Brooklyn, Mondays, Wednesdays and Fridays, at 10 o'clock; Town Hall, Jamaica, Borough of Queens, Tuesdays, at 10 o'clock; Town Hall, New Brighton, Borough of Richmond, Thursdays, at 10 o'clock.

Justices—JOHN COURTNEY, HOWARD J. FORKER, PATRICK KEADY, JOHN FLEMING, THOMAS W. FITZGERALD, JOSEPH L. KERRIGAN, Clerk; CHARLES F. WOLZ, Deputy Clerk.

Clerk's office, Borough Hall, Borough of Brooklyn open from 9 A. M. to 4 P. M.

MUNICIPAL COURTS.

Borough of Manhattan.

First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street, including Governor's Island, Bedloe's Island, Ellis Island and the Oyster Islands, New Court-house, No. 128 Prince street, corner of Wooster street.

WALDOPE LYNN, Justice. FRANK L. BACON, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.

HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.

GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.

HENRY M. GOLDFELD, Justice.

Clerk's office open from 9 A. M. to 4 P. M.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily, and continues open to close of business.

DANIEL F. MARTIN, Justice. ABRAHAM BERNARD, Clerk.

Seventh District—Nineteenth Ward. Court-room, No. 151 East Fifty-seventh street. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

HERMAN JOSEPH, Justice. PATRICK MCDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner Twenty-third street and Eighth avenue. Court opens at 9 A. M. and continues open to close of business.

Clerk's office open from 9 A. M. to 4 P. M. each Court day.

Trial days, Wednesdays, Fridays and Saturdays. Return days, Tuesdays, Thursdays and Saturdays.

JOSEPH H. STINER, Justice. THOMAS COSTIGAN, Clerk.

Ninth District—Twelfth Ward, except that portion thereof which lies west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox avenue. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.

JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Tenth District—Twenty-second Ward and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 318 West Fifty-fourth street. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

JAMES A. O'GORMAN, Justice. JAMES J. GALLIGAN, Clerk.

Eleventh District—That portion of the Twelfth Ward which lies north of the centre line of West One Hundred and Tenth street and west of the centre line of Lenox or Sixth avenue, and of the Harlem river north of the terminus of Lenox or Sixth avenue. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

FRANCIS J. WORCESTER, Justice. ADOLPH N. DUMAHAUT, Clerk.

Borough of The Bronx.

First District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 1034 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.

WILLIAM W. PENFIELD, Justice. JOHN N. STEWART, Clerk.

Second District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street. Office hours from 9 A. M. to 4 P. M. Court opens at 9 A. M.

JOHN M. TIERNEY, Justice. HOWARD SPEAR, Clerk.

Borough of Brooklyn.

First District—Comprising First, Second, Third, Fourth, Fifth, Sixth, Tenth and Twelfth Wards of the Borough of Brooklyn. Court-house, northwest corner State and Court streets.

JACOB NEU, Justice. EDWARD MORAN, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Second District—Seventh, Eighth, Ninth, Eleventh, Twentieth, Twenty-first, Twenty-second and Twenty-third Wards. Court-room located at No. 794 Broadway, Brooklyn.

GERARD B. VAN WART, Justice. WILLIAM H. ALLEN, Chief Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Third District—Includes the Thirteenth, Fourteenth, Fifteenth, Sixteenth, Seventeenth, Eighteenth and Nineteenth Wards. Court-house, Nos. 6 and 8 Lee avenue, Brooklyn.

WILLIAM SCHNITZFARN, Justice. CHARLES A. CONRADY, Clerk.

Clerk's office open from 9 A. M. until 4 P. M. Court opens at 10 o'clock.

Fourth District—Twenty-fourth, Twenty-fifth, Twenty-sixth, Twenty-seventh and Twenty-eighth Wards. Court-room, No. 14 Howard avenue.

ADOLPH H. GORTING, Justice. HERMAN GOHLINGHORN, Clerk; JAMES P. SINNOTT, Assistant Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Fifth District—Twenty-ninth, Thirtieth, Thirty-first and Thirty-second Wards. Court-room on Bath avenue and Bay Twenty-second street, Bath Beach.

CORNELIUS FERGUSON, Justice. JEREMIAH J. O'LEARY, Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Borough of Queens

First District—First Ward (all of Long Island City, formerly comprising five Wards). Court-room Queens County Court-house (located temporarily).

THOMAS C. KADEN, Justice. THOMAS F. KENNEDY, Clerk.

Clerk's office open from 9 A. M. to 4 P. M. each week day. Court held each day, except Saturday.

Second District—Second and Third Wards, which includes the territory of the late Towns of Newtown and Flushing. Court-room in Court-house of late Town of Newtown, corner of Broadway and Court street, Elmhurst, New York. P. O. address, Elmhurst, New York.

WILLIAM T. MONTEVERDE, Justice. HENRY WALTER, Jr., Clerk.

Clerk's office open from 9 A. M. to 4 P. M.

Third District—JAMES F. McLOUGHLIN, Justice; GEO. W. DAMON, Clerk.

Court-house, Town Hall, Jamaica.

Borough of Richmond.

First District—First and Third Wards (Towns of Castleton and Northfield). Court-room, former Village Hall, Lafayette avenue and Second street, New Brighton.

JOHN J. KENNEY, Justice. FRANCIS F. LEMAN, Clerk.

Court office open from 9 A. M. to 4 P. M. Court held each day, except Saturday, from 10 A. M.

Second District—Second, Fourth and Fifth Wards (Towns of Middletown, Southfield and Westfield). Court-room, former Edgewater Village Hall, Stapleton.

ALBERT REYNAUD, Justice. PETER TIERNAN, Clerk.

Court office open from 9 A. M. to 4 P. M. Court held each day from 10 A. M., and continues until close of business.

CORPORATION NOTICE.

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

BOROUGH OF THE BRONX.

List 5810, No. 1. Sewer and appurtenances in East One Hundred and Sixty-ninth street, from Intervale avenue to Boston road; with branches as follows: in Boston road, between East One Hundred and Sixty-ninth street and summit north of East One Hundred and Sixty-ninth street; in East One Hundred and Sixty-ninth street (south side), between Boston road and summit east of Franklin avenue; in Home street, between East One Hundred and Sixty-ninth street and Stebbins avenue.

List 5812, No. 2. Sewer and appurtenances in East One Hundred and Eighty-fourth street, from the existing sewer at Vanderbilt avenue West to Washington avenue, with branches in Vanderbilt avenue East, between East One Hundred and Eighty-third street and East One Hundred and Eighty-seventh street; in East One Hundred and Eighty-third street, between Vanderbilt avenue East and Third avenue; in East One Hundred and Eighty-fifth street, between Vanderbilt avenue East and Washington avenue; in East One Hundred and Eighty-sixth street, between Vanderbilt avenue East and Third avenue; in East One Hundred and Eighty-seventh street, between Vanderbilt avenue East and Lorillard place; in Washington avenue, between East One Hundred and Eighty-eighth street and East One Hundred and Eighty-ninth street; in Bathgate avenue, from the summit south of East One Hundred and Eighty-second street to East One Hundred and Eighty-seventh street; in Third avenue, from the summit south of East One Hundred and Eighty-second street to East One Hundred and Eighty-seventh street; in Lorillard place, between Third avenue and East One Hundred and Eighty-seventh street; in Hoffman street, between Kingsbridge road and the summit north; in Kingsbridge road, between Third avenue and the summit south.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of One Hundred and Sixty-ninth street, from Intervale avenue to Franklin avenue; both sides of Boston road, from One Hundred and Sixty-eighth to One Hundred and Seventy-seventh street; both sides of Home street, from Tinton avenue to One Hundred and Sixty-ninth street; both sides of Stebbins avenue, from One Hundred and Sixty-seventh street to Bristow street; both sides of Franklin avenue, from One Hundred and Sixty-ninth street to Jefferson place; both sides of Clinton avenue, from One Hundred and Sixty-ninth street to Jefferson place; both sides of Union avenue to Prospect avenue; both sides of Prospect avenue, from One Hundred and Sixty-seventh street to One Hundred and Seventy-seventh street; both sides of Union avenue, from Home street to Boston road; both sides of Tinton avenue, from Home street to One Hundred and Sixty-ninth street; both sides of Chisholm street, from Stebbins avenue to Freeman street; both sides of Lyman place, from One Hundred and Sixty-ninth street to Freeman street; both sides of One Hundred and Sixty-eighth street, from Boston road to Prospect avenue, and both sides of Jefferson place, from Franklin avenue to Boston road.

No. 2. Both sides of Vanderbilt avenue West and Vanderbilt avenue East, from One Hundred and Eighty-third to One Hundred and Eighty-seventh street; both sides of Washington avenue, from One Hundred and Eighty-eighth to One Hundred and Eighty-ninth street; both sides of Bassford avenue, from One Hundred and Eighty-second street to Third avenue; both sides of Bathgate avenue, from a point distant about 283 feet south of One Hundred and Eighty-second street to One Hundred and Eighty-eighth street; both sides of Third avenue, from a point distant about 265 feet south of One Hundred and Eighty-second street to Kingsbridge road; both sides of Lorillard place, from Third avenue to One Hundred and Eighty-eighth street; both sides of Hoffman street, from Kingsbridge road extending north about 337 feet; both sides of One Hundred and Eighty-seventh street, from Vanderbilt avenue East to Lorillard place; both sides of One Hundred and Eighty-sixth street, from Vanderbilt avenue East to Third avenue; both sides of One Hundred and Eighty-fifth street, from Washington avenue to Third avenue, and both sides of One Hundred and Eighty-fourth street, from Washington avenue to Bathgate avenue.

All persons whose interests are affected by the above-named proposed assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Secretary of the Board of Assessors, No. 320 Broadway, New York, on or before November 14, 1899, at 11 A. M., at which time and place the said objections will be heard and testimony received in reference thereto.

EDWARD McCUE, EDWARD CAHILL, THOS. A. WILSON, PATRICK M. HAVERTY, JOHN B. MEYENBORG, Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway, CITY OF NEW YORK, BOROUGH OF MANHATTAN, October 6, 1899.

THE BOARD OF ASSESSORS OF THE CITY of New York hereby give notice that the cost of the following-named local improvements is greater than the estimate heretofore made therefor, viz:

BOROUGH OF BROOKLYN.

List 6036, No. 1. Grading and paving Avenue B, from Flatbush avenue to Ocean Parkway, with macadam pavement. \$838.22.

List 6037, No. 2. Grading and paving Prospect place, from Brooklyn avenue to Kingston avenue, with asphalt pavement. \$1,024.37.

The limits within which it is proposed to lay the said assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Avenue B, from Flatbush avenue to Ocean Parkway and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Prospect place, from Brooklyn avenue to Kingston avenue and to the extent of half the block at the intersecting avenues.

—and that said Board of Assessors has added to the assessments heretofore laid for said improvements, the said excess of the cost over said estimate and apportioned the same upon the several parcels of land according to their respective proportions of the original assessment, and the said Board of Assessors has prepared lists showing the amounts of such additions, and the same are now on file in the office of said Board of Assessors, No. 320 Broadway, New York, where the same can be examined by all persons interested, and that the said Board will meet in the said office on the 31st day of October, 1899, at 11 A. M., to hear objections (if any) to the same.

EDWARD McCUE, EDWARD CAHILL, THOS. A. WILSON, PATRICK M. HAVERTY, JOHN B. MEYENBORG, Board of Assessors.

WILLIAM H. JASPER, Secretary, No. 320 Broadway, CITY OF NEW YORK, BOROUGH OF MANHATTAN, September 26, 1899.

BOARD OF PUBLIC IMPROVEMENTS.

BOARD OF PUBLIC IMPROVEMENTS, CITY OF NEW YORK, No. 21 PARK ROW, BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT A public hearing will be given by this Board, at its office as above, on Wednesday, October 18, 1899, at 2 o'clock P. M., to all persons affected by or interested in a certain Map or Plan, showing a general design for a system of streets, avenues, etc., in that part of the Second Ward (formerly Town of Newtown), Borough of Queens, lying westerly of Cooper avenue, St. John's Cemetery, Remsen's lane and North Hempstead plank road, which Map or Plan has been prepared by the President of this Board and submitted to the said Board for approval.

The said Map or Plan is now open for public inspection at the office of the Board as above.

Dated NEW YORK, October 4, 1899.

JOHN H. MOONEY, Secretary.

BOARD OF PUBLIC IMPROVEMENTS, No. 21 PARK ROW, BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York, by changing the grades of Fort Hamilton avenue, from Eighty-first street to Eighty-sixth street, in the Borough of Brooklyn, City of New York, and that a meeting of the said Board will be held in the office of the said Board, at No. 21 Park Row, Borough of Manhattan, on the 18th day of October, 1899, at 2 o'clock P. M., at which such proposed change of grades will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 27th day of September, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by changing the grades of Fort Hamilton avenue, from Eighty-first street to Eighty-sixth street, in the Borough of Brooklyn, City of New York, more particularly described as follows:

1. Beginning at the intersection of Fort Hamilton avenue and Eighty-first street, the elevation to be 76.0 feet above mean high-water datum, as heretofore.

2. Thence westerly to the intersection of Eighty-first street, the elevation to be 78.14 feet above mean high-water datum.

3. Thence westerly to the intersection of Eighty-second street, the elevation to be 80.28 feet above mean high-water datum.

4. Thence westerly to the intersection of Eighty-third street, the elevation to be 82.42 feet above mean high-water datum.

5. Thence westerly to the intersection of Eighty-fourth street, the elevation to be 84.57 feet above mean high-water datum.

6. Thence westerly to the intersection of Eighty-fifth street, the elevation to be 86.27 feet above mean high-water datum.

7. Thence westerly to the intersection of Eighty-sixth street, the elevation to be 88.10 feet above mean high-water datum.

8. Thence westerly from the intersection point of the centre lines of Fort Hamilton avenue and Eighty-sixth street for 130 feet, the elevation to be 88.51 feet above mean high-water datum as heretofore.

All elevations refer to the mean high-water datum as established by the Department of Highways, Borough of Brooklyn.

Resolved, That this Board consider the proposed change of grades of the above-named avenue at a meeting of this Board, to be held in the office of this Board, on the 18th day of October, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed change of grades of the above-named avenue will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the CITY RECORD and Corporation newspapers, for ten days continuously, Sundays and legal holidays excepted, prior to the 18th day of October, 1899.

Dated NEW YORK, October 3, 1899.

JOHN H. MOONEY, Secretary.

BOARD OF PUBLIC IMPROVEMENTS, No. 21 PARK ROW, BOROUGH OF MANHATTAN.

NOTICE IS HEREBY GIVEN THAT THE Board of Public Improvements of The City of New York, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York, by laying out a Public Place at the intersection of Seventh avenue and West One Hundred and Tenth street, in the Twelfth Ward, Borough of Manhattan, City of New York, and that a meeting of the said Board will be held in the office of the said Board at No. 21 Park Row, Borough of Manhattan, on the 18th day of October, 1899, at 2 o'clock P. M., at which such proposed laying out will be considered by said Board; all of which is more particularly set forth and described in the following resolutions adopted by said Board on the 27th day of September, 1899, notice of the adoption of which is hereby given, viz:

Resolved, That the Board of Public Improvements of The City of New York, in pursuance of the provisions of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out a Public Place at the intersection of Seventh avenue and West One Hundred and Tenth street, in the Twelfth Ward, Borough of Manhattan, City of New York, more particularly described as follows:

1. Beginning at a point in the western house line of Seventh avenue, distant 110 feet 10 inches + southerly from the intersection of the southern house line of West One Hundred and Eleventh street and the westerly house line of Seventh avenue.

2. Thence southerly along the westerly house line of Seventh avenue for 61 + feet to the northerly house line of Cathedral parkway.

3. Thence westerly along the northern house-line of Cathedral parkway for 85.0 + feet.

4. Thence northeasterly along a curve whose radius is 108 + feet to the point of beginning.

PARCEL "B." Beginning at a point in the eastern house line of Seventh avenue, distant 110 feet 10 inches + southerly from the intersection of the southern house line of West One Hundred and Eleventh street and the eastern house line of Seventh avenue.

1. Thence southerly along the eastern line of Seventh avenue for 61 + feet to the northern house line of West One Hundred and Tenth street.

2. Thence easterly along the northern house line of West One Hundred and Tenth street for 85 + feet.

3. Thence northwesterly along a curve whose radius is 108 + feet to the point of beginning.

Resolved, That this Board consider the proposed laying out of the above-named Public Place at a meeting of this Board, to be held in the office of this Board on the 18th day of October, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the above-named Public Place will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 18th day of October, 1899.

Dated NEW YORK, October 3, 1899.

JOHN H. MOONEY, Secretary.

of section 436 of chapter 378, Laws of 1897, deeming it for the public interest so to do, proposes to alter the map or plan of The City of New York by laying out a Public Place at the intersection of Seventh avenue and West One Hundred and Tenth street, in the Twelfth Ward, Borough of Manhattan, City of New York, more particularly described as follows:

PARCEL "A." Beginning at a point in the western house line of Seventh avenue, distant 110 feet 10 inches + southerly from the intersection of the southern house line of West One Hundred and Eleventh street and the westerly house line of Seventh avenue.

1. Thence southerly along the westerly house line of Seventh avenue for 61 + feet to the northerly house line of Cathedral parkway.

2. Thence westerly along the northern house-line of Cathedral parkway for 85.0 + feet.

3. Thence northeasterly along a curve whose radius is 108 + feet to the point of beginning.

PARCEL "B." Beginning at a point in the eastern house line of Seventh avenue, distant 110 feet 10 inches + southerly from the intersection of the southern house line of West One Hundred and Eleventh street and the eastern house line of Seventh avenue.

1. Thence southerly along the eastern line of Seventh avenue for 61 + feet to the northern house line of West One Hundred and Tenth street.

2. Thence easterly along the northern house line of West One Hundred and Tenth street for 85 + feet.

3. Thence northwesterly along a curve whose radius is 108 + feet to the point of beginning.

Resolved, That this Board consider the proposed laying out of the above-named Public Place at a meeting of this Board, to be held in the office of this Board on the 18th day of October, 1899, at 2 o'clock P. M.

Resolved, That the Secretary of this Board cause these resolutions, and a notice to all persons affected thereby, that the proposed laying out of the above-named Public Place will be considered at a meeting of this Board, to be held at the aforesaid time and place, to be published in the CITY RECORD for ten days continuously, Sundays and legal holidays excepted, prior to the 18th day of October, 1899.

Dated NEW YORK, October 3, 1899.

JOHN H. MOONEY, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.

BOARD OF ESTIMATE AND APPORTIONMENT, NEW YORK, September 26, 1899.

NOTICE TO TAXPAYERS.

AT A MEETING OF THE BOARD OF ESTIMATE AND APPORTIONMENT, held this day, the following resolution was adopted:

Resolved, That this Board does hereby designate Wednesday, the 18th day of October, 1899, at 11 o'clock in the forenoon, at the office of the Mayor, as the time and place for a public hearing in relation to the Budget for 1900, and that notice inviting the taxpayers of this city to appear and be heard on that date in regard to appropriations to be made and included in said Budget be inserted in the CITY RECORD.

THOS. L. FEITNER, Secretary.

DEPARTMENT OF FINANCE.

NOTICE TO TAXPAYERS.

DEPARTMENT OF FINANCE, BUREAU FOR THE COLLECTION OF TAXES, No. 57 CHAMBERS STREET, BOROUGH OF MANHATTAN, NEW YORK, October 2, 1899.

NOTICE IS HEREBY GIVEN THAT THE Assessment-rolls of Real Estate, Personal Property and Bank Stock in The City of New York, for the year 1899, and the warrants for the collection of taxes, have been delivered to the undersigned, and that all the taxes on said assessment-rolls are now due and payable at the office of the Receiver of Taxes, in the Borough in which the property is located, as follows:

Borough of Manhattan, No. 57 Chambers street, Manhattan, N. Y.

Borough of The Bronx, corner Third and Tremont avenues, The Bronx, N. Y.

Borough of Brooklyn, Rooms 2, 4, 6 and 8 Municipal Building, Brooklyn, N. Y.

Borough of Queens, corner Jackson avenue and Fifth street, Long Island City, N. Y.

**PROPOSALS FOR \$9,087,107.32 OF THREE AND ONE-HALF PER CENT. CORPO-
RATE STOCK OF THE CITY OF NEW YORK.**

PRINCIPAL AND INTEREST PAYABLE IN GOLD.

EXEMPT FROM ALL TAXATION IN THE STATE OF NEW YORK, EXCEPT FOR STATE
PURPOSES.

EXECUTORS, ADMINISTRATORS, GUARDIANS AND OTHERS HOLDING TRUST FUNDS ARE
AUTHORIZED, BY CHAPTER 65 OF THE LAWS OF 1889, TO INVEST IN THESE BONDS
AND STOCK.

SEALED PROPOSALS WILL BE RECEIVED BY THE COMPTROLLER OF THE CITY OF NEW
York, at his office, No. 280 Broadway, in The City of New York, until

WEDNESDAY, THE 18th DAY OF OCTOBER, 1899,

at 2 o'clock P. M., when they will be publicly opened in the presence of the Commissioners of the Sinking Fund, or
such of them as shall attend, as provided by law, for the whole or a part of the following-described Registered
Stock of The City of New York, bearing interest at the rate of three and one-half per cent. per annum, from and
including the date of payment therefor, to wit:

AMOUNT.	TITLE	AUTHORITY.	PRINCIPAL PAYABLE.	INTEREST PAYABLE SEMI-ANNUALLY ON
\$1,950,000 00	Corporate Stock of The City of New York, for a New Hall of Records.....	Chapters 59 and 793 of the Laws of 1897; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Ap- portionment of The City of New York, adopted February 2, 1899; and resolution of the Municipal Assem- bly, adopted by the Board of Aldermen, August 2, 1899, and by the Council, August 9, 1899....	Nov. 1, 1929	May 1 and Nov. 1
1,849,107 32	Corporate Stock of The City of New York, for replenishing the fund for Street and Park Openings.....	Sections 169 and 174 of chapter 378 of the Laws of 1897; resolu- tion of the Board of Estimate and Apportionment of The City of New York, adopted May 2, 1899; and resolution of the Municipal Assem- bly, approved by the Mayor, August 8, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
1,000,000 00	Corporate Stock of The City of New York, for the uses and pur- poses of the Depart- ment of Docks and Ferries.....	Sections 169 and 180 of chapter 378 of the Laws of 1897; and resolution of the Commissioners of the Sink- ing Fund of The City of New York, adopted September 15, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
570,000 00	Corporate Stock of The City of New York for the payment of the award made for the Franchises and Plant, etc., of the Long Island Water Supply Company.....	Chapter 481 of the Laws of 1892; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportion- ment of The City of New York, adopted July 11, 1898, and resolu- tion of the Municipal Assembly, approved by the Mayor, September 12, 1899.....	Nov. 1, 1918	May 1 and Nov. 1
400,000 00	Corporate Stock of The City of New York for the Sanitary Pro- tection of the Sources of the Water Supply.	Chapters 189 and 515 of the Laws of 1893; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportionment of The City of New York, adopted January 24, 1899; and resolution of the Municipal Assembly, approved by the Mayor July 18, 1899.....	Nov. 1, 1918	May 1 and Nov. 1
1,360,000 00	Corporate Stock of The City of New York, for acquiring lands for a Public Park, bounded by One Hundred and Forty-fifth and One Hundred and Fifty- fifth streets and Edge- comb and Bradhurst avenues.....	Chapter 56, Laws of 1894; sections 169 and 170 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportion- ment of The City of New York, adopted June 29, 1899, and resolu- tion of the Municipal Assembly, approved by the Mayor Septem- ber 26, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
458,000 00	Corporate Stock of The City of New York for the Redemption of Assessment Bonds of The City of New York for the Improvement of Park avenue, above One Hundred and Sixth street.....	Sections 169 and 184 of chapter 378 of the Laws of 1897; resolution of the Board of Estimate and Apportion- ment of The City of New York, and resolution of the Municipal Assembly, approved by the Mayor March 28, 1899.....	Nov. 1, 1929	May 1 and Nov. 1
1,500,000 00	Corporate Stock of The City of New York, for the New Aqueduct....	Chapter 490 of the Laws of 1883; sections 169 and 170 of chapter 378 of the Laws of 1897; resolu- tion of the Aqueduct Commission of The City of New York, adopted June 13, 1899.....	Oct. 1, 1919	April 1 and Oct. 1

The above-described stock is free and exempt from all taxation in the State of New York, except for State
purposes, pursuant to the provisions of section 169 of chapter 378 of the Laws of 1897.

The principal of and interest on said stock are payable in gold coin of the United States of America,
of the present standard of weight and fineness, pursuant to a resolution of the Commissioners of the
Sinking Fund adopted June 9, 1898.

The above described stock is offered for sale in place of the stock heretofore advertised to be sold on the 3d
of October, 1899.

CONDITIONS OF SALE.

No proposal for stock shall be accepted for less than the par value of the same.
Proposals containing conditions other than those herein set forth will not be received or considered.
Every bidder, as a condition precedent to the reception or consideration of his proposal, shall deposit with
the Comptroller in money, or by a certified check drawn to the order of said Comptroller upon one of the State
or National Banks of the said city, TWO PER CENT. of the par value of the stock bid for in said proposal.

No proposal will be received or considered which is not accompanied by such deposit.
All such deposits shall be returned by the Comptroller to the persons making the same within three days after
the decision has been rendered as to who is or are the highest bidder or bidders, except the deposit made by
the highest bidder or bidders.

If said highest bidder or bidders shall refuse or neglect, within five days after service of written notice of the
award to him or them, to pay to the City Chamberlain the amount of the stock awarded to him or them at
its par value, together with the premium thereon, less the amount deposited by him or them, the amount or
amounts of deposit thus made shall be forfeited to and retained by said city as liquidated damages for such
neglect or refusal, and shall thereafter be paid to the Sinking Fund of The City of New York for the Redemption
of the City Debt.

Upon the payment into the City Treasury of the amounts due by the persons whose bids are accepted,
respectively, certificates thereof shall be issued to them as authorized by law.

The proposals, together with the security deposits, should be inclosed in a sealed envelope, indorsed "Pro-
posals for Bonds of the Corporation of The City of New York," and then inclosed in a sealed envelope, addressed
to the Comptroller of The City of New York.

BIRD S. COLER, Comptroller.

THE CITY OF NEW YORK—DEPARTMENT OF FINANCE, COMPTROLLER'S OFFICE, September 26, 1899.

**MUNICIPAL CIVIL SERVICE COM-
MISSION.**

MUNICIPAL CIVIL SERVICE COMMISSION OF THE
CITY OF NEW YORK,
CENTRE, ELM, FRANKLIN AND WHITE STREETS,
NEW YORK, October 4, 1899.

PUBLIC NOTICE IS HEREBY GIVEN THAT
open competitive examinations will be held at the
offices of this Commission for the following positions,
upon the dates specified:

Monday, October 9, 10 A. M. ASSISTANT ENGI-
NEER (CIVIL). Subjects of examination: Writing,
arithmetic, technical knowledge and experience.

Monday, October 9, 9 A. M. PATROLMEN. On
this date a medical and physical examination for
Patrolmen will begin. In this examination, only
applicants Nos. 2371 to 3091, inclusive, whose applica-
tions were filed on or before May 10, 1898, will be
examined.

Thursday, October 12, 10 A. M. POLICE MATRON.
Subjects of examination: Writing, reading, arithmetic,
duties and experience.

Friday, October 13, 10 A. M. ENGINEER OF
PILE DRIVER. Subjects of examination: Writing,
arithmetic, duties and experience.

LEE PHILLIPS,
Secretary.

OFFICIAL PAPERS.

MORNING—"MORNING JOURNAL," "TELE-
graph."
Evening—"Daily News," "Commercial Advertiser."
Weekly—"Weekly Union."
Semi-weekly—"Harlem Local Reporter."
German—"Morgen Journal."

WILLIAM A. BUTLER,
Supervisor, City Record.
SEPTEMBER 6, 1899.

DEPARTMENT OF SEWERS.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,
Nos. 13 to 21 PARK ROW,
NEW YORK, October 6, 1899.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A
sealed envelope, with the title of the work and the
name of the bidder indorsed thereon, will be received
at this office until

WEDNESDAY, OCTOBER 18, 1899,

at 12 o'clock M., at which hour they will be publicly
opened by the head of the Department and read.

For the following works in the Borough of Manhattan,
No. 1. SEWER IN SEVENTH AVENUE, east side
between One Hundred and Thirty-seventh
and One Hundred and Thirty-eighth streets,
connecting with sewer in One Hundred and
Thirty-seventh street.

No. 2. SEWER IN ONE HUNDRED AND SIXTY-
FIFTH STREET, between Fort Washington
avenue and Broadway; and in BROADWAY,
WEST SIDE, between One Hundred and
Sixty-fifth and One Hundred and Seventy-
first streets.

No. 3. SEWER IN EDGEcombe ROAD, between
One Hundred and Sixty-second and One Hun-
dred and Sixty-seventh streets.

No. 4. SEWER IN ONE HUNDRED AND SIX-
TEENTH STREET, NORTH SIDE, be-
tween Fifth and Madison avenues.

No. 5. SEWERS IN AMSTERDAM AVENUE,
WEST SIDE, between One Hundred and
Thirtieth and One Hundred and Sixteenth
streets.

No. 6. OUTLET SEWER AND OVERFLOW IN
ONE HUNDRED AND TWENTY-
NINTH STREET, between Hudson river
and Manhattan street, and in TWELFTH
AVENUE, between One Hundred and
Twenty-ninth and One Hundred and Thirti-
eth streets, with connections.

No. 7. SEWER IN HANCOCK STREET, between
Bleecker and Houston streets.

No. 8. SEWER IN WASHINGTON STREET, be-
tween Hubert and I light streets.

No. 9. SEWERS IN WASHINGTON STREET, be-
tween Duane and Franklin streets.

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 therein, and if no other person be so interest-
ed it shall distinctly state that fact; that it is made without
any connection with any other person making an estimate
for the same purpose, and is in all respects fair
and without collusion or fraud, and that no member
of the 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 inter-
ested therein, or in the supplies or in the work to
which it relates or in any portion of the profits thereof.

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

The consent last above mentioned must be accom-
panied by the oath or affirmation, in writing, of each
of the persons signing the same, that he is a householder
or freeholder in The City of New York, and is worth
the amount of the security required for the completion of
the contract, over and above all his debts of every na-
ture, and over and above his liabilities as bail, surety,
or otherwise, and that he has offered himself as surety
in good faith, with the intention to execute the bond
required by law.

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

THE COMMISSIONER OF SEWERS RESERVES
THE RIGHT TO REJECT ALL BIDS RECEIVED,
IF HE DEEMS IT FOR THE BEST INTERESTS
OF THE CITY.

Blank forms of bids or estimates, the proper envelope
in which to inclose the same, and any further infor-
mation desired, can be obtained at the office of the
Commissioner of Sewers, Nos. 13 to 21 Park row.

JAS. KANE,
Commissioner of Sewers.

DEPARTMENT OF SEWERS—COMMISSIONER'S OFFICE,
Nos. 13 to 21 PARK ROW,
NEW YORK, September 15, 1899.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A
sealed envelope, with the title of the work and the
name of the bidder indorsed thereon, will be received
at this office until

WEDNESDAY, OCTOBER 11, 1899,

at 12 o'clock M., at which hour they will be publicly
opened by the head of the Department, and read.
For the following works in the

Borough of Brooklyn.

No. 1. SEWER IN MORGAN AVENUE, from
Johnson avenue to Benton street.

No. 2. SEWER IN EAST THIRTY-SECOND
STREET, between Church avenue and Ave-
nue C.

No. 3. SEWER IN CHURCH AVENUE, between
Nostrand avenue and New York avenue.

Borough of The Bronx.

No. 1. SEWER AND APPURTENANCES IN
MORRIS (FLEETWOOD) AVENUE, be-
tween One Hundred and Seventy-sixth street
and Tremont avenue.

No. 2. SEWERS AND APPURTENANCES IN
EAST TWO HUNDRED AND THIRD
STREET (ROCKFIELD STREET), be-
tween Moshulu Parkway, South and the Con-
course; in BRIGGS AVENUE, between
Moshulu Parkway, South and East Two
Hundred and First street (Suburban street);
and in EAST TWO HUNDRED AND
SECOND STREET (Summit street), be-
tween Briggs avenue and the Concourse; and
in VILLA AVENUE, between East Two
Hundredth street (Southern Boulevard) and
Van Cortlandt avenue and in JEROME
AVENUE, from the summit south of East
One Hundred and Ninety-ninth street (Gar-
field street) to the summit north of Van Cort-
landt avenue.

No. 3. SEWERS AND APPURTENANCES IN ONE
HUNDRED SEVENTY-NINTH STREET,
from Jerome avenue to the Concourse; and
in WALTON AVENUE, from One Hundred
and Seventy-ninth street to Burnside ave-
nue; and in MORRIS AVENUE, from
Tremont avenue to Burnside avenue; and in
CRESTON AVENUE, from One Hundred
and Seventy-eighth street to Burnside avenue.

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 therein, and if no other person be so interest-
ed it shall distinctly state that fact; that it is made without
any connection with any other person making an estimate
for the same purpose, and is in all respects fair
and without collusion or fraud, and that no member
of the Municipal Assembly, head of a depart-
ment, chief of a bureau, deputy thereof, or clerk there-
in, or other officer of the Corporation, is directly or
indirectly interested therein, or in the supplies or in the
work to which it relates, or in any portion of the profits
thereof.

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

The consent last above mentioned must be accom-
panied by the oath or affirmation, in writing, of each
of the persons signing the same, that he is a householder
or freeholder in The City of New York, and is worth the
amount of the security required for the completion of
the contract, over and above all his debts of every
nature, and over and above his liabilities as bail, surety,
or otherwise, and that he has offered himself as surety
in good faith, with the intention to execute the bond
required by law.

No estimate will be considered unless accompanied
by either a certified check upon one of the State
or National banks of The City of New York, drawn to
the order of the Comptroller, or money to the amount
of five per centum of the amount of the security
required for the faithful performance of the contract.
Such check or money must not be inclosed in a
sealed envelope containing the estimate, but must be
handed to the officer or clerk of the Depart-
ment 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 re-
fuse 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 for-
feited to and retained by The City of New York as
liquidated damages for such neglect or refusal, but
if he shall execute the contract within the time aforesaid
the amount of the deposit will be returned to him.

THE COMMISSIONER OF SEWERS RESERVES
THE RIGHT TO REJECT ALL BIDS RECEIVED,
IF HE DEEMS IT FOR THE BEST INTERESTS
OF THE CITY.

Blank forms of bids or estimates, the proper envelope
in which to inclose the same, and any further infor-
mation desired, can be obtained as to the Borough of
Brooklyn in the office of the Deputy Commissioner of
Sewers, Municipal Building, Borough of Brooklyn, and
as to the Borough of The Bronx in the office of the
Deputy Commissioner of Sewers, One Hundred and
Seventy-seventh street and Third avenue, Borough of
The Bronx.

JAS. KANE,
Commissioner of Sewers.

**DEPARTMENT OF STREET
CLEANING.**

DEPARTMENT OF STREET CLEANING,
MAIN OFFICE, Nos. 13 to 21 PARK ROW,
BOROUGH OF MANHATTAN,
October 4, 1899.

IN PURSUANCE OF THE PROVISIONS OF
section 541 of the Greater New York Charter, and
subject to the conditions, limitations and requirements
of sections 419 and 420 of said Charter, sealed proposals

for furnishing new stock and plant for the Department of Street Cleaning, in the Borough of Brooklyn, will be received at the main office of the Department, Nos. 13 to 21 Park Row, Borough of Manhattan, until 12 M. on

FRIDAY, THE 30th DAY OF OCTOBER, 1899.

The items to be bid for are:

1. 200 Horses.
2. 100 Ash Carts.
3. 50 Double Dumping Trucks.
4. 10 Single Sprinkling Trucks.
5. 28 Two-horse Sweeping Machines.
6. 25 Wooden Paper Carts.
7. 100 Can Carriers.
8. 175 sets Single Cart Harness.
9. 65 Sets Double Truck Harness.
10. 250 Pipe Collars.
11. 250 Canvas Cart Covers.
12. 60 Canvas Truck Covers.
13. 250 Canvas Horse Covers.
14. 5,000 Second-hand Burlap Bags, marked D. S. C.
15. 250 Horse Blankets.

The form of agreement, including specifications and showing the manner of payment and surety required, may be seen and blank forms of proposals with any further information desired, will be furnished upon application at the main office of the Commissioner of Street Cleaning, Nos. 13-21 Park Row, Borough of Manhattan.

JAMES MCCARTNEY,
Commissioner of Street Cleaning.

PERSONS HAVING BULKHEADS TO FILL, IN the vicinity of New York Bay, can procure material for that purpose—ashes, street sweepings, etc., such as is collected by the Department of Street Cleaning—free of charge, by applying to the Commissioner of Street Cleaning, Nos. 13 to 21 Park Row, Borough of Manhattan.

JAMES MCCARTNEY,
Commissioner of Street Cleaning.

BOROUGH OF THE BRONX.

CITY OF NEW YORK—BOROUGH OF THE BRONX,
OFFICE OF THE PRESIDENT OF THE BOROUGH,
MUNICIPAL BUILDING, CROTONA PARK,
177TH STREET AND THIRD AVENUE.

I HEREBY GIVE NOTICE THAT PETITIONS have been presented to me and are on file in my office for inspection, for:

Two Hundred and Tenth Street Bridge, change of grade of proposed bridge at this street across the New York and Harlem Railroad; also change of width of said bridge, so that it shall be a foot-bridge thirty feet in width at either end, eighty-eight feet above the mean high-water line, etc.

Mount Hope place, regulating and grading, between Jerome avenue and Anthony avenue.

Moshulu parkway, North, sewer, from Webster avenue to Bainbridge avenue, with branches in Norwood, Hull, Perry and Bainbridge avenues, between Moshulu parkway, North, and Woodland road.

Canal place, regulating and grading.

Wiegand place, acquiring title, between East One Hundred and Eightieth street and the southerly line of the University of The City of New York.

The petitions for the above will be submitted by me to the Local Board having jurisdiction thereof on October 19, 1899, at 2 P. M., at the office of the President of the Borough of The Bronx, Municipal Building, Crotona Park, One Hundred and Seventy-seventh street and Third avenue.

LOUIS F. HAFEN,
President.

Dated OCTOBER 6, 1899.

DEPARTMENT OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, Borough of Manhattan, until

MONDAY, OCTOBER 23, 1899,
at 4 P. M., for supplying Fifty (50) Typewriting Machines, more or less, of the following makes, or equal thereto:

- Remington No. 6.
- Smith Premier No. 2.
- Hammond No. 2.

for the use of the Evening High Schools in the Borough of Brooklyn, under the jurisdiction of said Board.

Each contractor will be required to furnish two responsible sureties for the faithful performance of his contract.

Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Typewriting Machines."

Samples may be seen and any further information obtained at the office of the Superintendent of School Supplies.

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

New York, October 9, 1899.
THADDEUS MORIARTY,
JOHN GRIFFIN,
GEORGE LIVINGSTON,
JOSEPH J. KITTEL,
WALDO H. RICHARDSON,
Committee on Supplies.

SEALED PROPOSALS WILL BE RECEIVED by the Committee on Buildings of the Board of Education of The City of New York, at the Hall of the Board, No. 146 Grand street, Borough of Manhattan, until 4 o'clock P. M. on

MONDAY, OCTOBER 9, 1899,
for alterations to the Fishline Factory at Whitestone, Borough of Queens, for annex to Public School 30; also for erecting outside iron stairs at Public School 38, Borough of Queens; also for alterations, repairs, etc., to Public Schools 4, 7 and 31, Borough of Queens.

PLANS AND SPECIFICATIONS may be seen, and blank proposals obtained, at the Annex of the Hall of the Board of Education, Estimating Room Nos. 419 and 421 Broome street, Borough of Manhattan.

The attention of bidders is expressly called to the time stated in the contract within which the work must be completed. They are expressly notified that the successful bidder will be held strictly to completion within said time.

The Committee reserves the right to reject any or all of the proposals submitted.

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

Two responsible and approved sureties, residents of this city, are required when the amount of the bid is less than two thousand dollars. Whenever the bid exceeds two thousand dollars the surety for the performance of the contract shall be a fidelity or surety company authorized to transact business by the laws of the State of New York, and authorized to become surety on such contract by a resolution of its Board of Directors.

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

It is required, as a condition precedent to the reception or consideration of any proposals, that a certified check upon or a certificate of deposit of one of the State or National Banks or Trust Companies of The City of New York, drawn to the order of the President of the Board of Education, shall accompany the proposal to an amount of not less than three per cent. of such proposal when said proposal is for or exceeds ten thousand dollars, and

to an amount of not less than five per cent. of such proposal when such proposal is for an amount under ten thousand dollars; that on demand, within one day after the awarding of the contract by the Committee, the President of the said Board will return all the deposits of checks and certificates of deposit made to the persons making the same, except that made by the person or persons whose bid has been accepted; and that if the person or persons whose bid has been so accepted shall refuse or neglect, within five days after due notice has been given that the contract is ready for execution, to execute the same, the amount of the deposit or of the check or certificate of deposit made by him or them shall be forfeited to and retained by this Board, not as a penalty, but as liquidated damages for such neglect or refusal, and shall be paid into the City Treasury to the credit of the Sinking Fund of The City of New York; but if the said person or persons whose bid has been so accepted shall execute the contract within the time aforesaid, the amount of his or their deposit of check or certificate of deposit shall be returned to him or them.

Dated BOROUGH OF MANHATTAN, September 26, 1899.

RICHARD H. ADAMS,
CHARLES E. ROBERTSON,
GEORGE LIVINGSTON,
JOHN T. BURKE,
MILES M. O'BRIEN,
F. DE HASS SIMONSON,
JOHN R. THOMPSON,
Committee on Buildings.

FIRE DEPARTMENT.

HEADQUARTERS FIRE DEPARTMENT,
Nos. 157 AND 159 EAST SIXTY-SEVENTH STREET,
NEW YORK, September 27, 1899.

TO CONTRACTORS.

SEALED PROPOSALS FOR FURNISHING THE materials and labor and doing the work required in altering and repairing the building of this Department situated at No. 173 Elm street, in the Borough of Manhattan, will be received by the Fire Commissioner, at the office of the Fire Department, Nos. 157 and 159 East Sixty-seventh street, in The City of New York, until 10.30 o'clock A. M.,

WEDNESDAY, OCTOBER 11, 1899,

at which time and place they will be publicly opened by the head of said Department and read.

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

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

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

Proposals must be made for all the work called for in the specifications.

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

The work is to be completed and delivered within the time specified in the contract.

The damages to be paid by the contractors for each day that the contract may be unfulfilled after the time specified for the completion thereof shall have expired, are fixed and liquidated at Five (5) Dollars.

The Fire Department reserves the right to decline any and all bids or estimates, if deemed to be for the public interest.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders of The City of New York, to the effect that if the contract is awarded to the person making the estimate, they will, on its being so awarded, become bound as sureties for its faithful performance in the sum of One Thousand Five Hundred (1,500) Dollars.

No estimate will be considered unless accompanied by either a certified check upon one of the banks of The City of New York, drawn to the order of the Comptroller, or money, to the amount of Seventy-five (75) Dollars.

JOHN J. SCANNELL,
Fire Commissioner

DEPARTMENT OF HIGHWAYS.

DEPARTMENT OF HIGHWAYS,
COMMISSIONER'S OFFICE, Nos. 13 to 21 PARK ROW,
NEW YORK, October 2, 1899.

TO CONTRACTORS.

BIDS OR ESTIMATES, INCLOSED IN A sealed envelope, with the title of the work and the name of the bidder indorsed thereon, also the number of the work as in the advertisement, will be received at Nos. 13 to 21 Park Row, in Room No. 1601, until 11 o'clock A. M.,

TUESDAY, OCTOBER 17, 1899.

The bids will be publicly opened by the head of the Department, in Room 1612, Nos. 13 to 21 Park Row, at the hour above mentioned.

Borough of Brooklyn.

No. 1. FOR REGULATING, GRADING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF RICHMOND STREET, from Jamaica avenue to Fulton street.

No. 2. FOR REGULATING, GRADING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF SUTTER AVENUE, from Rockaway avenue to Alabama avenue.

No. 3. FOR REGULATING, GRADING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF BUTLER STREET, from New York avenue to Brooklyn avenue.

No. 4. FOR REGULATING, GRADING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF VERMONT STREET, from Jamaica avenue to Eastern parkway (Pittkin avenue).

No. 5. FOR REGULATING, GRADING AND PAVING WITH ASPHALT PAVEMENT ON A CONCRETE FOUNDATION, THE ROADWAY OF FIFTY-SEVENTH STREET, from First avenue to Second avenue.

No. 6. FOR REGULATING, GRADING AND PAVING WITH BELGIAN-BLOCK PAVEMENT, LOGAN STREET, from Atlantic avenue to New Lots road.

Borough of Manhattan.

No. 7. FOR RE-REGULATING AND REGRADING, ETC., WEST FIFTY-FIRST STREET, from Eleventh to Twelfth avenue.

No. 8. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT FOUNDATION, THE ROADWAY OF BROOME STREET, from Clarke street to Hudson street.

No. 9. FOR REGULATING AND PAVING WITH ASPHALT PAVEMENT ON PRESENT PAVEMENT AS FOUNDATION, THE ROADWAY OF EAST EIGHTY-FOURTH STREET, from Madison avenue to Park avenue.

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 therein, and if no other person be so interested it shall distinctly state that fact: that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the 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 in the work to which it relates or in any portion of the profits thereof.

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

The consent last above mentioned must be accompanied by the oath or affirmation, in writing, of each of the persons signing the same that he is a householder or freeholder in The City of New York, and is worth the amount of the security required for the completion of the contract, over and above all his debts of every nature and over and above his liabilities as bail, surety, or otherwise, and that he has offered himself as surety in good faith, with the intention to execute the bond required by law.

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

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

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Room No. 1636, Nos. 13 to 21 Park Row.

JAMES P. KEATING,
Commissioner of Highways.

DEPARTMENT OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES,
BOROUGH OF MANHATTAN AND THE BRONX,
FOOT OF EAST TWENTY-SIXTH STREET,
NEW YORK, October 4, 1899.

SALE OF GREASE, RAGS, ETC.

BOROUGH OF MANHATTAN AND THE BRONX.

THE UNDERSIGNED WILL SELL AT PUBLIC auction, by order of the Commissioners of Public Charities, at their office, foot of East Twenty-sixth street, on

WEDNESDAY, OCTOBER 18, 1899,

at 11 o'clock A. M., the following, viz: 7,000 pounds Grease, 5,000 pounds Rags, 2,000 Bottles, 25 pounds Brass.

All quantities to be "more or less." All qualities to be "as are." All the above to be received by the purchaser at Pier foot of East Twenty-sixth street, and removed therefrom immediately upon being notified that same are ready for delivery.

Each successful bidder will be required to pay twenty-five per cent. of the estimated amount of his purchase to me at the time and place of sale, and the balance to the General Storekeeper, at Blackwell's Island, in cash or certified check on a New York City bank, upon delivery of the goods.

The Commissioners reserve the right to order resale of any goods that shall NOT have been removed by the purchaser within TEN days after he shall have been notified that they are ready, and in case of such resale to forfeit to the use of the Department of Public Charities the TWENTY-FIVE PER CENT. paid in at the time and place of sale. Goods can be examined at Blackwell's Island by intending bidders on any week day before the day of sale.

THOS. M. CAMPBELL,
Purchasing Agent.

DEPARTMENT OF PUBLIC CHARITIES,
BOROUGH OF MANHATTAN AND THE BRONX,
FOOT OF EAST TWENTY-SIXTH STREET,
NEW YORK, October 3, 1899.

PROPOSALS FOR THE MATERIALS AND WORK REQUIRED FOR LAYING 1,780 SQUARE YARDS OF ASPHALT ROADWAYS, AT BELLEVUE HOSPITAL GROUNDS.

SEALED BIDS OR ESTIMATES FOR THE above-mentioned work, in conformity with plans and specifications, will be received at the office of the Department of Public Charities, foot of East Twenty-sixth street, in The City of New York, until 12 o'clock M.,

MONDAY, OCTOBER 16, 1899.

The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for the Materials and Work required for laying 1,780 square yards of asphalt roadways at Bellevue Hospital grounds," with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department, or his duly authorized agent, and read.

THE BOARD OF PUBLIC CHARITIES RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 479, CHAPTER 378, LAWS OF 1897.

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

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

Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect; and the person or persons to whom the contract may be awarded

will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of Five Hundred (500) Dollars.

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the 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. When more than one person is interested, it is requisite that the VERIFICATION be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders, in The City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they will pay to the Corporation any difference between the sum to which he would be entitled upon 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 Comptroller of The City of New York.

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

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

Bidders are cautioned to examine the plans and specifications for particulars of the work, etc., required before making their estimates, and are cautioned against referring to any specifications other than those furnished by the Department. Such references are cause for rejecting bids whereon they are written, and will in no case govern the action of the Department officers in passing upon tenders.

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

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract.

The form of the contract, including specifications, and showing the manner of payment, can be obtained and plans seen at the office of Horan & Slattery, architects, No. 1 Madison avenue, New York City, and bidders are cautioned to examine each and all of its provisions carefully, as the Board of Public Charities will insist upon its absolute enforcement in every particular.

JOHN W. KELLER, President,
ADOLPH SIMIS, Jr., Commissioner,
JAMES FEENEY, Commissioner,
Department of Public Charities.

POLICE DEPARTMENT.

POLICE DEPARTMENT OF THE CITY OF NEW YORK,
No. 300 MULBERRY STREET.

TO CONTRACTORS.

PROPOSALS FOR ESTIMATES.

SEALED ESTIMATES FOR FURNISHING ALL the labor and furnishing and erecting all the materials necessary in making and completing alterations, general repairs and improvements to the Station-house of the Twenty-first Precinct, situated at No. 160 East Thirty-fifth street, Borough of Manhattan, in The City of New York, will be received at the Central Office of the Department of Police, in The City of New York, until 12 o'clock M. of

FRIDAY, THE 13th DAY OF OCTOBER, 1899.

The person or persons making an estimate shall furnish the same in a sealed envelope, indorsed "Estimates for Alterations, etc., Twenty-first Precinct Station-house," 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 estimates received will be publicly opened by the head of said Department and read.

For particulars of the nature and extent of the work to be done, reference must be made to the plans and specifications on file in the office of the Chief Clerk of the said Department.

Bidders will state in writing, and also in figures, a price for the work complete. The price is to cover the furnishing of all the materials and labor and the performance of all the work called for by the specifications, plans, drawings and form of agreement. Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the head of said Department to reject any or all bids which may be deemed prejudicial to the public interests.

No estimates will be accepted from, or a 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 entire work is to be completed within forty (40) days from the date of the contract.

The person or persons to whom the contract may be awarded will be required to give security for the performance of the contract in the manner prescribed by law in the sum of Two Thousand Dollars.

Each 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 estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested, it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, upon 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 upon 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 and herein stated, over and above all his debts of every nature, and over and above his liabilities as bail, surety or otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

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

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

Bidders are informed that no deviation from the specifications will be allowed unless a written permission shall previously have been obtained from the Police Board.

Plans may be examined and specifications and blank estimates may be obtained by application to the undersigned at his office in the Central Department.

By order of the Board.

WILLIAM H. KIPP,
Chief Clerk.

New York, September 28, 1899.

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.

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

POLICE DEPARTMENT—CITY OF NEW YORK, 1899.
BOROUGH OF BROOKLYN.
OWNERS WANTED BY THE DEPUTY PROPERTY
Clerk of the Police Department of the City of New York—Office, Municipal Building, Borough of Brooklyn—for the following property now in his custody without claimants: Boots, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

CHARLES D. BLANCHFORD,
Deputy Property Clerk

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION—CITY OF NEW YORK,
BOROUGH OF MANHATTAN AND BRONX,
October 3, 1899.

PROPOSALS FOR MISCELLANEOUS ARTICLES TO BE DELIVERED AT ONCE.

SEALED BIDS OR ESTIMATES FOR FURNISHING Miscellaneous Articles, in conformity with specifications, will be received at the office of the Department of Correction, No. 148 East Twentieth street, in the City of New York, until 11 A. M.,

WEDNESDAY, OCTOBER 25, 1899.

All goods to be delivered on dock (foot of East Twentieth street) for Blackwell's Island Storehouse, free of all expense, and quantities allowed as received there.

- REQUISITION No. 10, 1899.
C. O. Stable.
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| Line No. | |
| 12 | 1/2 dozen Horse Brushes. |
| | Penitentiary. |
| 17 | 1/2 dozen Nailing Hammers, Corrugated Heads for Shoes. |
| 19 | 2 dozen 4-inch Flat Files. |
| 20 | 1 dozen 6-inch Half Round Cabinet Rasps. |
| 21 | 1 dozen pair 5-inch by 5-inch Iron Pin Butts. |
| 22 | 1/2 dozen pair Button Hole Nippers. |
| 23 | 1/2 dozen Graduated Tape Measures. |
| 24 | 1 only Graduated Square. |
| 25 | 1 gallon Singer's Machine Oil. |
| 26 | 1 gallon Benzine. |
| 27 | 1/2 dozen Hammers. |
| 28 | 1,000 Machine Needles, 100 No. 1/2, 300 No. 1, 200 No. 2, 300 No. 3, 100 No. 4. |
| 29 | 50 yards Pica Nonpareil Reglets, wooden, 1 yard long. |
| 30 | 20 reams Manila Wrapping Paper, 18 inches by 24 inches. |
| 31 | 5 gallons Japan Dryer. |
| 32 | 2 12-inch Coe's Monkey Wrenches. |

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| 33. | 5 boxes Lead Plate Roofing Tin, 14 by 20. |
| 34. | 1 Saucer's Brace, 12-inch sweep. |
| 35. | 1 Saucer's Malleable Iron Hinge Pipe Vise, 2 1/2 inches to 3 inches. |
| 36. | 1 dozen 2-inch Timmers' Mallets. |
| 37. | 150 feet each 1/4 inch, 1/2 inch, 3/4 inch, 1 inch Gas-pipe. |
| 38. | 3 dozen each 1/4 inch, 1/2 inch, 3/4 inch, 1 inch Gas Ls. |
| 39. | 3 dozen each 1/4-inch, 1/2-inch, 3/4-inch, 1-inch Gas Ts. |
| 40. | 1 dozen each 1/4-inch by 1/2-inch, 3/4-inch by 1/2-inch Elbow Pendant Gas Cocks. |
| 41. | 1/2 dozen 1/4-inch by 1/2-inch Independent Cocks. |
| 42. | 1/2 dozen 1/4-inch Hose Cocks. |
| 43. | 1 dozen each 1/4-inch to 1/2-inch, 1/2-inch to 3/4-inch Reducing Couplings. |
| 44. | 1 dozen each 1/4-inch by 1/2-inch, 1/2-inch by 3/4-inch Gas Bushings. |
| 45. | 1 dozen 1/4-inch Unions. |
| 46. | 1 dozen 1/4-inch Gas Caps and Plugs. |
| 47. | 1 dozen 9-inch Eureka Hack Saw Blades. |
| 48. | 2 only Broilers. |
| 49. | 1/2 dozen Frying Pans, large size, No. 18. |
| 50. | 24 dozen Lamp Chimneys for Victor Burners. |
| 51. | 1 dozen each 1/4-inch, 1/2-inch Street Ls. |
| 52. | 2 dozen 1/4-inch Compression Plain Bibbs. |
| 53. | 1 dozen 1/4-inch Flange and Thimble Bibbs. |
| 54. | 4 gallons Carbolic Acid. |

- City Prison.
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| 62. | 1 dozen Fritchard Tools, No. 5. |
| 63. | 1/2 dozen Pairs Rubber Boots, 3 No. 9, 3 No. 10. |
| 64. | 1 No. 12 Scorching Stove, Mott's Patent. |
| 65. | 1 Water Heating Stove. |

- Workhouse.
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| 80. | 6 pounds Finishing Nails, 3 pounds 1/4-inch, 3 pounds 1 inch. |
| 81. | 4 gross F. H. Screws, 2 gross 1 1/4-inch, No. 12; 2 gross 1 1/2-inch, No. 8. |
| 82. | 1 dozen Argand Gas Chimneys. |
| 83. | 1 dozen Balls Cotton Cord, 1-16-inch diameter. |
| 84. | 1/2 dozen Balls Linen Twine, 1-32-inch diameter. |
| 85. | 1/2 dozen Sailors' Palms. |
| 86. | 1/2 dozen 50-foot Tape Measures, No. 93. |
| 87. | 10 pounds Chrome Green, in Oil. |
| 88. | 50 pounds English Patent Dryer, in oil. |
| 89. | 5 gallons Hard Oil Finish. |
| 90. | 1 dozen Chest Locks, No. 411. |
| 91. | 3 kegs Cut Nails, 1 keg 8d, 1 keg 10d, 1 keg 12d. |
| 92. | 1 keg Finishing Nails, 6d. |
| 93. | 75 yards 18-inch Bunting, 25 yards red, 25 yards white, 25 yards blue. |
| 94. | 250 S. & W. 38 Cal. C. F. Cartridges. |
| 95. | 3 boxes Roofing Tin, 14 by 20. |
| 96. | 500 20-pound Paper Bags. |
| 97. | 1-12 dozen Horse Shoers' Claw Hammers. |

- District Prisons.
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| 103. | 3 1-gallon Iron Pots, flat bottoms, Second District. |
| 104. | 2 2-gallon Iron Pots, flat bottom, Second District. |
| 105. | 2 3-gallon Iron Pots, flat bottom, Second District. |
| 106. | 2 5-gallon Iron Pots, flat bottom, Second District. |
| 107. | 1 large size Coffee Mill, Second District. |
| 108. | 30 gallons Raw Linseed Oil, Second District. |
| 109. | 5 gallons Crude Oil, Third District. |
| 110. | 1 2-quart Gateware Coffee Pot, Third District. |
| 111. | 2-12 dozen Covered Vegetable Dishes, Fourth District. |
| 112. | 1-12 dozen Covered Butter Dishes, Fourth District. |
| 113. | 24 Pine Boards, T. and G., 4 inches wide, 1 inch thick, Fourth District. |
| 114. | 3 Spruce Joists, 3 inches by 4 inches, Fourth District. |
| 115. | 2-12 dozen Spring Locks, with 2 keys each for closets, Fourth District. |
| 116. | 3 only Door Knobs, Fourth District. |
| 117. | 5 pounds Indian Red in Oil, Fourth District. |
| 121. | 1 Only Rubber Force Cup, Fifth District. |
| 122. | 1 Small Spice Grinder, Fifth District. |

- Seamboats.
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| 134. | 1 Medium Size Frying Pan, "Minnehannock." |
| 135. | 1 dozen 1/2-inch Water Gauge Glasses, 18 inches long, "Minnehannock." |
| 136. | 1 dozen Globes for Dist. No. 25 Tubular Lamps, "Minnehannock." |
| 137. | 25 fathoms 4 strand 2 1/2-inch Manila Rope, "Strong." |
| 138. | 3 light Iron Gates to be fitted on cabin doors, "Strong." |
| 139. | 50 pounds Journal Compound, "Strong." |
| 140. | 1 dozen 1/2-inch W. R. Gauge Glasses 12 inches long, "Strong." |
| 141. | 1 dozen 1/2-inch Water Gauge Washers, "Strong." |
| 142. | 1 gross 1-inch Flat Lamp Wick, "Strong." |
| 143. | 1 Cocoa Mat, 5 feet 3 inches long, 3 feet wide, "Gilroy." |
| 144. | 1 pair Rubber Boots, No. 8, "Gilroy." |
| 145. | 1 1/2 pint Detroit Cylinder Oil Pump, "Gilroy." |
| 146. | 10 pounds Dixon's Graphite, "Gilroy." |

- Stock.
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| 155. | 5 boxes Lemons. |
| 156. | 200 pounds Fine Corn Meal. |

- SPECIAL REQUISITION 316.
Workhouse, Blackwell's Island.

- Operating Table.
- SPECIFICATIONS FOR OPERATING TABLE.
- Edebohls Portable Gynaecological operating table, with stirrups for Plastic Operations and easy adjustment to Trendelenburg's Posture. Length, 38 inches; width, 20 inches; height, 31 inches.

- Or Edebohls Laparotomy and Gynecological Operating Table, complete with nickel-plated stirrups, rubber castors, and with polished plate glass top, 1/4 inch thick and polished edges.

- Or Edebohls Laparotomy and Gynecological Operating Table, extra heavy polished plate glass top, extra fine enamel and finish in every respect with all the latest modifications.

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| 176. | 1 dozen Artery Clamps. |
| 177. | 3 Vulsellum Forceps. |
| 178. | 3 Sharp Curettes (1 large and 2 small). |
| 179. | 1 Hypodermic Syringe. |
| 180. | 1 dozen Hypodermic Needles. |
| 181. | 1 dozen Large Curved Hernia Needles. |
| 182. | 1 dozen Medium-sized Curved Needles. |
| 183. | 1/2 dozen Intestinal Needles. |
| 184. | 1/2 dozen Medium Size Straight Needles. |
| 185. | 1/2 dozen Medium Size Hagadorn Needles, Assorted. |

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| 186. | 1 dozen Bundles Large Catgut, 1 No. 0, 2 No. 4, 3 each 1, 2, and 3. |
| 187. | 1 dozen Tubes Kangaroo Tendons. |
| 188. | 1 Bundle Silk Wormgut, Long. |
| 189. | 3 dozen Cards Braided Silk, 1 dozen each Nos. 10, 12, 14. |

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| 190. | 1 Bundle Chromicized Catgut, Large and Small. |
| 191. | 1 dozen Plain Wooden Back (hand) Scrubbing Brushes. |
| 192. | 2 Urinometers. |
| 193. | 2 Probes (German Silver). |
| 194. | 2 Thumb Forceps (medium size). |
| 195. | 1 Kelly Pads. |
| 196. | 1 Speculum, Jacobs. |
| 197. | 2 Uterine Dressing Forceps. |

SPECIAL REQUISITION No. 325.

City Prison.

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| 198. | 1/2 Hide, No. 75 Leather. |
| 199. | 4 yards Furniture Webbing. |
| 200. | 3 yards Burlap. |
| 201. | 1 yard Cambric Block. |
| 202. | 1 piece Leather Gimp. |
| 203. | 1/2 dozen No. 1 Springs. |
| 204. | 2 papers No. 3 oz. Tacks. |
| 205. | 1 paper No. 8 oz. Tacks. |
| 206. | 1 gross Leather Nails. |

SPECIAL REQUISITION No. 326.

Penitentiary.

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| 207. | 2,000 Broom Handles. |
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- SPECIAL REQUISITION No. 327.
Penitentiary, Blackwell's Island.
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| 208. | 6 Galvanized Tees, 3 inches by 1 1/2 inch. |
| 209. | 6 Acorn Angle Valves, 1 1/2 inch. |
| 210. | 6 Acorn Globe Valves, 1 1/2 inch. |
| 211. | 12 Acorn Globe Valves, 1 1/2 inch. |
| 212. | 25 gallons of Valvaine Oil. |
| 213. | 1 Glass Cover for Edison Pressure Recording and Alarm Gauge; No. of Gauge, 4122. |

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| 214. | 1 1/2-in. Die. |
| 215. | 1 1/2-in. Guide for No. 2 Armstrong Pipe Stock. |
| 216. | 1 1/2-in. Pipe Tap. |
| 217. | 2 dozen Rubber Washers for 3/8-inch Glass Gauges. |

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| 218. | 4 dozen Galv. Iron Elbows, 1 1/2-in. |
| 219. | 4 dozen Galv. Iron Elbows, 1 1/2-in. |
| 220. | 4 dozen Galv. Iron Elbows, 2-in. |

SPECIAL REQUISITION No. 328.

Penitentiary, Blackwell's Island.

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| 221. | 103 White Pine Boards, tongue and grooved, 16 feet by 9 1/2 inches by 1/2 inch. |
| 222. | 1 keg 10d Cut Nails. |

STOCK REQUISITION 344.

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| 223. | 5 boxes Glass, 7 by 9 inches. |
| 224. | 1 box Glass, 12 by 14 inches. |
| 225. | 1 box Glass, 14 by 16 inches. |
| 226. | 1 box Glass, 10 by 15 inches. |

SPECIAL REQUISITION 346.

Penitentiary.

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| 227. | 8 barrels Rosendale Cement. |
| 228. | 75 lights Glass, 11 by 15 inches, double thick. |
| 229. | 12 lights Glass, 28 by 40 inches, double thick. |
| 230. | 12 lights Glass, 28 by 29 inches, double thick. |
| 231. | 1 piece Timber, 45 to 48 feet long, 12 inches diameter, round or square yellow pine. |
| 232. | 2 Poles, 7 inches thick, 16 feet long. |
| 233. | 56 rolls 3-ply Sanded Tar Felt. |
| 234. | 5 barrels Tar Pitch. |
| 235. | 3 Mops for Tar. |
| 236. | 1 keg Tin Buttons. |

No bonds or deposit required on bids under One Thousand Dollars. Awards will be made on the lowest items.

THE COMMISSIONER OF CORRECTION RESERVES THE RIGHT TO REJECT ALL BIDS OR ESTIMATES IF DEEMED TO BE FOR THE PUBLIC INTEREST, AS PROVIDED IN SECTION 419, CHAPTER 378, LAWS OF 1897.

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.

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 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, upon its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same they shall pay to the Corporation any difference between the sum to which he would be entitled upon 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 and 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 Comptroller of the City of New York.

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

Should the person or persons to whom the contract may be awarded neglect or refuse to accept the contract within five days after written notice that the same has been awarded to his or their bid or proposal, or if he or they accept but do not execute the contract and give the proper security, he or they shall be considered as

having abandoned it and as in default to the Corporation, and the contract will be readvertised and relet, as provided by law.

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

The quality of the articles, supplies, goods, wares and merchandise 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 write out the amount of their estimates in addition to inserting the same in figures.

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

The form of the contract, including specifications, and showing the manner of payment and other details, will be furnished at the office of the Department, No. 148 East Twentieth street, New York City, 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.

CHANGE OF GRADE DAMAGE COMMISSION, TWENTY-THIRD AND TWENTY-FOURTH WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 221 of the Laws of 1889, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, or otherwise," and the acts amendatory thereof and supplemental thereto, notice is hereby given that public meetings of the Commissioners appointed pursuant to said acts, will be held at Room 58, Schermerhorn Building, No. 96 Broadway, in the City of New York, on Monday, Wednesday and Friday of each week, at 2 o'clock P. M., until further notice.

Dated New York, April 17, 1899.

WILLIAM E. STILLINGS,
WARREN W. FOSTER,
CHARLES A. JACKSON,
Commissioners.

LAMONT McLOUGHLIN,
Clerk.

MUNICIPAL COURT.

MUNICIPAL COURT OF THE CITY OF NEW YORK,
BOROUGH OF MANHATTAN,
SECOND JUDICIAL DISTRICT.

HERMAN BOLTE, Justice.

In the matter of the application of James McCartney, Esq., Commissioner of Street Cleaning in the City of New York, for an order directing the sale of trucks, carts, vehicles and other property under the provisions of section 545 of the Charter.

NOTICE IS HEREBY GIVEN TO THE UNKNOWN OWNERS, and all other persons claiming the possession or having any interest in the property described in the schedule annexed to said application, that on the 4th day of October, 1899, the said Justice issued out of the said Court his precept to appear on the 16th day of October, 1899, at 10 o'clock A. M., at the said Court, corner of Grand and Centre street, in the Borough of Manhattan, and show cause why a final order should not be issued to the said James McCartney, Commissioner of Street Cleaning, to sell the said trucks, carts, vehicles and other property.

JAMES MCCARTNEY,
Commissioner of Street Cleaning.

By JOHN WHALEN,
Corporation Counsel.

DEPARTMENT OF STREET CLEANING
OF THE CITY OF NEW YORK,
MAIN OFFICE, No. 19 PARK ROW,
BOROUGH OF MANHATTAN.

SUPREME COURT.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands on the NORTHERLY SIDE OF ONE HUNDRED AND SIXTY-THIRD STREET AND THE SOUTHERLY SIDE OF ONE HUNDRED AND SEVENTEENTH STREET, between Fifth and Lenox avenues, in the Twelfth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, chapter 35 of the Laws of 1890, and chapters 387 and 890 of the Laws of 1896.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate in the above-entitled matter, hereby give notice to the owner or owners, lessee or les