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DEPARTMENT OF DOCKS.

Twenty-Seventh Annual Report for the Year ending April 30, 1897.

DEPARTMENT OF DOCKS, PIER "A," BATTERY PLACE, NORTH RIVER, NEW YORK, May 1, 1897. To the Honorable WILLIAM L. STRONG, Mayor of the City of New York: SIR—The Department of Docks, in pursuance of section 719 of chapter 410, Laws of 1882, has the honor to present its Annual Report for the year commencing May 1, 1896, and ending April 30, 1897, as disclosed by the records of this Department containing: "1st. The name, occupation and compensation of all persons appointed and employed by said Department. 2d. A statement of the action of the Board for the past year, classified with reference to the various subjects and duties which have engaged the attention of the Board. 3d. A list of the orders and rules made by said Board and a description of the contracts made by said Department, the payments made by said Department and the purposes and amounts thereof; and the leases made by said Department, for what term, at what rent, to whom and for what property."

Very respectfully,
EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners.
GEO. S. TERRY, Secretary.

FIRST.

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

Commissioners' Office.

NAME.	POSITION.	RESIDENCE.	SALARY.
EDWARD C. O'BRIEN	Commissioner (President)	Hotel Renaissance	\$5,000 00
EDWIN EINSTEIN	" (Treasurer)	Buckingham Hotel	5,000 00
JOHN MONKS	"	139 West 121st street	5,000 00
Geo. S. Terry	Secretary	142 West 91st street	4,500 00
Charles J. Farley	Assistant Secretary	128 East 63d street	2,200 00
John M. Phelan	Chief Clerk	451 East 119th street	2,700 00
James Weir	Apportionment Clerk	Staten Island	2,400 00
Robert F. Aram	"	503 West 158th street	1,500 00
Adna G. Bowen	Executive and Confidential Clerk	101 Waverley place	2,200 00
Charles F. Friedman	Clerk to the Treasurer	36 East 73d street	2,400 00
Louis S. Kellogg	Clerk	341 West 34th street	1,800 00
Edwin A. Gregory, Jr.	"	386 Manhattan avenue	1,800 00
Daniel D. Barry	"	2174 Amsterdam avenue	1,500 00
Francis J. Ryan	Stenographer and Type-writer	269 West 10th street	1,500 00
Richard B. Ross	Stenographer and Type-writer	3 West 135th street	1,200 00
Robert Gere	Collector	119 Locustville avenue, Yonkers	1,800 00
Edward S. Atwood	Dock Superintendent	261 West 34th street	2,500 00
James J. Fleming	Dock Master	64 East 12th street	1,500 00
Thomas Brady	"	204 Henry street	1,500 00
Martin Mauer	"	666 Sixth avenue	1,500 00
Thomas E. Booth	"	349 East 118th street	1,500 00
Thomas Lusk	"	303 East 86th street	1,500 00
Edward Abel	"	1006 Bergen st., Brooklyn	1,500 00
L. Hitch Harrison	"	108 Hudson street	1,500 00
De Witt C. Wheeler	"	Morton House	1,500 00
William H. Rockwell	"	124 West 78th street	1,500 00
Gerard Bancker	"	350 West 23d street	1,500 00
Rufus Darrow, Jr.	"	308 West 91st street	1,500 00
William J. Matthews	"	670 Ninth avenue	1,500 00
Thomas P. Walsh	"	48 Madison street	1,500 00
John Clark	"	243 West 143d street	1,500 00
William H. Burns	"	681 Lexington avenue	1,500 00
Thomas F. Geary	"	162 Hester street	1,500 00

Construction, Repairs and Cleaning.

G. S. Greene, Jr.	Engineer-in-Chief	24 East 42d street	\$6,000 00
William H. Burr	Board of Consulting Engineers	161 West 74th street	\$25 per day, while employed.
George S. Morison		Chicago, Ill.	
William P. Craighill		Washington, D. C.	
Edward H. Kendall	Consulting Architect	150 Fifth avenue	
A. McC. Parker	First Assistant Engineer	35 West 119th street	\$4,000 00
S. W. Hoag, Jr.	Assistant Engineer	1718 Madison avenue	2,700 00
Godfrey P. Farley	"	41 West 31st street	3,000 00
Allen N. Spooner	"	186 Carteret avenue, Jersey City, N. J.	2,400 00
William S. White	"	Englewood, N. J.	2,400 00
John M. Stewart	"	336 West 59th street	1,800 00
Harvey Farrington	"	Croton-on-Hudson	1,800 00
George A. Button	"	340 West 59th street	1,500 00
Chandler Davis	"	30 East 39th street	1,800 00
Joseph W. Balet	"	317 East 14th street	1,500 00
J. Garnet Basinger	"	West New Brighton	1,500 00
Harry C. De Lano	"	21 West 101st street	1,200 00
C. W. Staniford	Surveyor	62 Berkeley place, Brooklyn, N. Y.	3,000 00
Robert M. Kid	Draughtsman	129 North 11th street, Newark, N. J.	1,500 00
John A. Duntze	"	170 West 97th street	1,500 00
William G. Johnson	"	599 McDonough street, Brooklyn, N. Y.	1,200 00
Nicholas J. Van der Weyde	"	173 West 83d street	1,200 00
Alexander M. Goge	"	926 Madison avenue	1,100 00
Ernest H. West	"	88 Summit avenue, Jersey City	900 00
Samuel C. Brown	Mechanical Engineering Draughtsman	42 East 57th street	900 00
John P. Nordstrom	Mechanical Engineering Draughtsman	Bedford Park	900 00
B. S. Weber	Topographical Draughtsman	Staten Island, N. Y.	1,500 00
Edward Gottschal	Searcher of Water Grants	183 East 116th street	2,400 00
David F. McCarthy	Superintendent of Repairs	2323 Seventh avenue	3,000 00
John J. Herrick	Superintendent of Machinery	138 B'way, Flushing, L. I.	1,800 00
Joseph Canning	Foreman of Ship Carpenters	253 West 126th street	1,800 00
Robert M. Sterritt	Foreman W. 57th St. Yard	Williamsbridge, N. Y.	1,200 00
Henry C. Freeman	Clerk to Engineer-in-Chief	1362 Bergen street, Brooklyn, N. Y.	2,000 00
David H. Lane	Clerk of Floating Property	Williamsbridge, N. Y.	1,200 00
John W. Ingalls	Clerk to General Repairs	400 West 58th street	1,200 00
Lucius C. Higgins	Clerk	42 West 38th street Bayonne, N. J.	1,500 00
Perthold Sommer	"	422 East 50th street	1,500 00
Charles J. Collins	"	333 East 18th street	1,500 00
Norman W. Palmer	"	201 West 102d street	1,000 00
Thomas B. Boone	"	273 Keap street, Brooklyn	1,200 00
Patrick O'Sullivan	"	442 West 56th street	900 00
Frank M. Hale	Junior Clerk	49 West 39th street	600 00
Thomas P. T. Nash	Copyist from Manuscript	147 East 33d street	1,200 00

Patrick H. Bird	Stenographer and Type-writer	254 Tenth avenue	\$1,200 00
William E. Bailey	Stenographer and Type-writer	1048 Fifth avenue	1,200 00
John T. Guy	Stenographer and Type-writer	335 East 18th street	1,200 00
Thomas S. Callender, Jr.	Temporary Stenographer and Typewriter	207 East 57th street	900 00
Bernard V. Levy	Stenographer and Type-writer	167 West 10th street	1,000 00
Effingham V. Smith	Timekeeper	57 West 17th street	1,500 00
Frederick Lange	Stationery Custodian and Messenger	226 East 112th street	1,500 00
J. Frank Johnson	Transitman	510 Manhattan avenue	1,500 00
John T. Hilton	"	347 West 25th street	1,500 00
William J. Crowley	Leveler	2660 Eighth avenue	960 00
William H. Cherry	"	59 Gouverneur street	1,000 00
William H. McDonald	"	Stapleton, Staten Island	960 00
William Lansing, Jr.	Computer	35 West 19th street	1,200 00
Hiram C. Calkins	Hydrographer	Fordham, N. Y.	1,500 00
John T. L. Doughty	"	Kingsbridge, N. Y.	1,200 00
James J. White	"	159 Monroe street	1,500 00
William J. F. Sullivan	Sounder	201 East 114th street	Per wk., 15 00
William H. Carman	"	345 West 12th street	" 15 00
Iver Petersen	Scowman (Foreman)	69 Fifty-fifth st., Brooklyn	" 20 00
Ole Olsen	"	439 West 49th street	" 15 00
Charles E. Beck	"	443 Berry street, Brooklyn	" 15 00
Jeremiah Collins	"	1318 Second avenue	" 15 00
James Van Houten	"	974 Eighth avenue	" 15 00
Joseph Devlin	"	1153 Third avenue	" 15 00
Philip Stark	"	139 West 128th street	" 15 00
Patrick Crowley	Rodman	2466 Eighth avenue	" 18 00
James W. Dikeman, Jr.	Chainman	885 Cauldwell avenue	" 18 00
Nicholas H. Voorhis	"	348 West 22d street	" 15 00
Charles W. Thompson	"	66 Avenue D	" 15 00
Thomas J. Cronin	"	336 East 53d street	" 15 00
James C. Darby	"	53 Cannon street	" 15 00
Stephen A. D. Denton	"	596 Washington street	" 15 00
Perry Thompson	"	120 West 13th street	" 15 00
John T. Walsh	"	344 West 12th street	" 15 00
William H. Reilly	"	329 East 22d street	" 15 00
William M. Bacon	"	Matilda street, Wakefield, N. Y. C.	" 15 00
John A. Benham	"	2193 Seventh avenue	" 15 00
John O. Van Brakle	"	252 West 133d street	" 15 00
Samuel Fitzpatrick	Office Keeper and Messenger	742 Eleventh avenue	" 15 00
Theodore F. Alling	Blacksmith	281 Avenue C	Per hour, 40
Charles McLean	"	208 West 60th street	" 35
Lawrence F. Maxwell	"	144th street and Concord avenue	" 35
John Ronnan	"	338 East 83d street	" 35
Patrick Drummond	"	448 West 53d street	" 35
William T. Brown	"	558 West 51st street	" 35
James Gannon	Blacksmith's Helper	276 Avenue B	" 25
Felix Myeis	"	326 East 2d street	" 25
John C. Wood	Engineer	430 West 58th street	1,500 00
James Vandegrift	Fireman	73 Gansevoort street	Per wk., 15 00
William Harrigan	Caulker	216 East 51st st.	Per hour, 39
Henry W. Gilbert	"	341 West 44th street	" 39
William J. Ruggles	"	331 East 88th street	" 39
Hugh Daly	Carpenter & Ship Carpenter	604 East 14th street	" 39
John R. Grant	"	405 West 40th street	" 39
Daniel McLaughlin	"	63 Avenue D	" 39
Joseph Kyle	"	546 West 46th street	" 39
Thomas Roberts	"	142 East 28th street	" 39
John Williams	"	142	" 39
Bartholomew Donohue	"	147 East 118th street	" 39
John H. Kelly	"	54 Lewis street	" 39
Charles Eagle	"	621 West 51st street	" 39
James F. Ruggles	"	410 East 81st street	" 39
Peter Lange	"	163 West 60th st.	" 39
Jeremiah J. Crowley	"	2513 Eighth avenue	" 39
Patrick Barrett	Ship Carpenter	361 Spring street	" 39
Cornelius O'Connor	"	408 West 58th street	" 39
William Witte	Rigger	340 West 39th street	Per wk., 15 00
John McCarthy	"	218 Monroe street	" 15 00
Joseph Devlin (No. 1)	"	901 First avenue	" 15 00
Thomas Stuyvesant	Captain, derrick "City of New York"	154 St. Ann's avenue	" 30 00
William Love	Captain of Pile Driver	123 Avenue D	Per hour, 35
Richard Munster	Captain 10-Ton Derrick	160 East 65th street	Per wk., 18 00
Edward Rush	Saw Filer	428 West 49th street	Per hour, 35
Henry Wenzel	"	208 East 32d street	" 35
Edward J. Flynn	"	72 West 98th street	" 35
Patrick Donnelly	Watchman and Messenger	401 Greenwich street	Per mo., 75 00
Montfort Clements	Watchman	452 West 41st street	Per hour, 16 1/2
John Gannon	"	620 11th avenue	" 16 1/2
John Murray	"	341 East 24th street	" 16 1/2
William Strowbridge	"	217 Varick street	" 16 1/2
Edmund K. Stephens	"	227 West 28th street	Per wk., 15 00
Richard Cullen	Boat Builder	511 East 82d street	Per hour, 39
Joseph Curtis	"	209 East 116th street	" 39
John Golden	Pilot	313 East 65th street	1,500 00
Joseph Fletcher	"	247	1,500 00
Louis T. Brennan	Roundsman	328 Robbins avenue	900 00
John J. Boyle	Carpenter	112 East 83d street	1,200 00
John Moran	Boatman	16 Jackson street	Per wk., 15 00
Daniel Sullivan	"	89 Monroe street	" 15 00
John Carey	"	422 West 16th street	" 15 00
Thomas J. Sullivan	"	47 Renwick street	" 15 00
Thomas King	"	793 Third avenue	" 15 00
James Golden	"	310 East 39th street	" 15 00
John F. Fitzpatrick	"	185 Cherry street	" 15 00
William A. Danes	"	114 East 123d street	" 15 00
James King	"	326 Delancey street	Per hour, 25
Garrett Benson	Deckhand on Tug	404 West 26th street	Per mo., 50 00
Samuel Hearn	"	52 Roosevelt street	" 50 00
Henry Head	Fireman on Tug	430 West 58th street	" 75 00
Peter Winn	"	434 West 56th street	" 60 00
Edward T. Du Bois	Foreman E. 24th St. Yard	176 East 81st street	Per hour, 40
Frank Paul	Diver	545 East 141st street	" 40
John Bandick	"	75 South street	" 40
Robert S. Russell	"	346 East 77th street	Per hour, 1 00
Peter Gilligan	"	173 East 117th street	Per day, 5 00
David Tulloch	"	130 Madison street	" 5 00
William J. Hoar	"	213 East 80th street	" 5 00
Patrick Griffin	Diver's Tender	110 Sullivan street	Per hour, 35
John R. Leary	"	246 West 17th street	" 35
Martin Miller	Foreman of Dock Builders	431 East 114th street	" 45

Daniel Darby.....	Foreman of Dock Builders.	55 Bethune street.....	Per hour, \$0 40
Patrick Geoghegan.....	"	632 East 13th street.....	" 35
Patrick H. Murray.....	"	346 West 14th street.....	" 40
Benjamin Burns.....	"	604 East 14th street.....	" 35
Edwin A. Gregory.....	Foreman of Laborers.....	386 Manhattan avenue.....	" 35
John Jackson.....	"	482 Fulton street, B'klyn.....	" 35
John S. Markham.....	"	174 Hudson street.....	" 35
John McSorley.....	"	114 Tenth avenue.....	" 35
James Bagley.....	"	209 West 20th street.....	" 35
Patrick White.....	Foreman of Piling and		
	Woodwork.....	304 East 37th street.....	" 50
Stephen Mullins.....	Mason's Helper.....	244 Columbus avenue.....	" 30
John Carroll.....	Stonecutter and Mason.....	217 West Houston street.....	" 50
John Baldwin.....	"	24 Broome street.....	" 50
Owen McCabe.....	"	326 East 33d street.....	" 50
Andrew Foster.....	"	312 East 46th street.....	" 50
Edward D. Saunders.....	"	309 West 142d street.....	" 50
Michael McCourt.....	"	537 Ninth avenue.....	" 50
Patrick Byrnes.....	"	2451 Third avenue.....	" 50
Robert L. Humphreys.....	"	319 Tenth avenue.....	" 50
William H. Rose.....	Engineman.....	227 West 143d street.....	Per wk., 21 00
Robert Kyles.....	"	208 West 60th street.....	Per hour, 45
Dennis F. Eagan.....	"	402 West 13th street.....	" 35
William J. Brennan.....	"	14 Carmine street.....	" 35
George A. Shevlin.....	"	313 East 37th street.....	" 35
William P. Baker.....	"	739 Eighth avenue.....	" 35
James Harris.....	"	427 Greenwich street.....	" 35
John J. Givnan.....	"	314 East 52d street.....	" 35
Alfred J. Mayer.....	"	3 West 135th street.....	" 35
Montraville M. Smith.....	"	227 East 128th street.....	" 35
Zephaniah C. Smith.....	"	8 West 134th street.....	" 30
Isaac B. Maslin.....	"	227 East 128th street.....	" 35
John Canavan.....	"	392 East 10th street.....	" 35
John O'Connell.....	Engineman.....	334 East 117th street.....	Per hour, \$0 35
William T. Hall.....	"	301 West 147th street.....	" 35
George F. Lange.....	"	226 East 112th street.....	" 35
James Hennessey.....	"	965 Park avenue.....	" 35
John R. Grant, Jr.....	"	451 West 44th street.....	" 35
Thomas J. Joyce.....	"	306 West 27th street.....	" 35
Tronson Kerr.....	"	2 East 113th street.....	" 30
Thomas H. Spooner.....	Inspector of Dredging.....	2229 Second avenue.....	Per mo., 100 00
George A. Dearborn.....	"	889 St. Nicholas avenue.....	" 100 00
Mortimer W. Casper.....	Inspector of Pier Building.....	56 Suffolk street.....	Per hour, 50
Edward E. McCamey.....	"	1414 Fourth avenue.....	" 50
William White.....	"	4 Charlton street.....	" 50
George Ryan.....	"	729 East Ninth street.....	" 50
John H. Rogers.....	"	4 West 13th street.....	" 50
James Allen.....	Machinist.....	473 Ninth avenue.....	" 35
Charles Bamberger, Jr.....	"	333 East 10th street.....	" 35
John Everding.....	"	347 East 92d street.....	" 35
Thomas C. Carroll.....	Cleaner.....	158 East 48th street.....	Per mo., 75 00
Mary Dowling.....	"	58 Gansevoort street.....	" 45 00
Catharine Lyons.....	"	40 Cliff street.....	" 45 00
Jacob Bauer.....	Janitor.....	160 East Broadway.....	" 83 33

Dock Builders, 30 Cents per Hour.

Frederick Akerstrom, Edward Akerstrom, Danforth L. Allen.
Dunning Brown, Patrick Brady, George Bloomer, Joseph Byrnes, John E. Burns, Charles A. Bond, John Brawley, Peter J. Byrne, Patrick J. Barrett, Thomas Burkitt.
Michael Connelly, Terence Cumiskey, William Carlson, Thomas Clark, Thomas F. Coar, Frank Coughlan, Stephen Chisom, George Chisom, Robert T. Cass, Maurice Christal, Peter Corcoran, Patrick Canty.
John Daniels, William Dally, Joseph Doyle, No. 1, Henry Doyle, No. 1, Joseph De Temple, Joseph De Temple, Jr., Peter J. De Temple, John De Temple, Daniel Darby, Jr., Thomas Dunne, William Deitz.
Gilbert Earl.
John Fitzpatrick, William Fitzgerald No. 1, William Peter French, Edward Fitzpatrick, James H. Flood, Louis Fabur, William Fitzgerald, No. 2, Arthur W. Forsyth, Bernard F. Farley, Jr.
John Grinnon, James E. Grinnon, Ronald Gillies.
James Harney, Michael Hennessey, Alfred Hines, Andrew Heaney, Joseph Hagan.
William Jordan, Peter Johnson.
Thomas Kenny, Hugh Kelly, Nicholas Kaufmann, James P. Keegan, Thomas J. Kelly, Martin Kehoe, Edward Kely.
John Love, Herman Landwehr, Andrew W. Laine, George Lewis, John H. Link, Thomas Lahey.
Neil McLeod, John McInenly, Henry McShane, John J. McGuire, James McInenly, James McDonald, No. 1, Matthew McDonald, Thomas R. McCabe, John McShane, Joseph G. McManus, John McDonald, Daniel McLeod, James Mulgrew, John Murray, Michael Monahan, William F. Munson, Patrick Monahan, Otto Miller, Edward Madison, Martin Mannix, Andrew Mahon, Thomas Molloy, Thomas Mitchell.
John Norbeck, Michael Nicholson, George Nelson, Isaac Norman.
Morris O'Connell.
John P. Person, Thomas Purdy.
Thomas Redman, Joseph Ryan, John Ryder, Thomas Rutledge, Patrick Rigney, Frederick W. Roth, John Reeves, John Rode.

DESCRIPTION OF CONTRACTS MADE BY THE BOARD DURING THE YEAR ENDING APRIL 30, 1897.

No.	DESCRIPTION OF CONTRACT.	CONTRACTOR.	CONTRACT PRICE.	DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT PAID TO APRIL 30, 1897.
532	Dredging at Sherman's Creek, H. R.....	Morris & Cumings Dredging Co.....	21 1/2 cents per cubic yard.....	May 5, 1896	May 8, 1896	Oct. 1, 1896	\$49,333 86
533	Building a crib bulkhead at Sherman's Creek, H. R.....	James D. Leary.....	\$34,900 00	May 19, 1896	June 5, 1896	Dec. 31, 1896	34,900 00
534	Dredging at foot of West One Hundred and Fifty-eighth street, N. R., landing pier at North Brother Island and at Randall's Island.....	W. H. Beard Dredging Co.....	Class I.: 22 cents per cubic yard; Class II.: 34 cents per cubic yard; Class III.: 48 cents per cubic yard.....	May 7, 1896	May 12, 1896	June 10, 1896	1,962 36
535	Dredging on the North river between Battery and West Thirty-fourth street.....	H. E. Du Bois, Jr.....	12 1/2 cents per cubic yard.....	May 5, 1896	May 9, 1896	July 1, 1897	11,304 09
536	Dredging north of West Thirty-fourth street, N. R.....	Steers & Bensei.....	13 1/2 cents per cubic yard.....	May 12, 1896	June 1, 1896	July 1, 1897	7,375 01
537	Dredging sundry places on North river.....	Hy. Du Bois Sons.....	9 cents per cubic yard.....	May 7, 1896	May 11, 1896	Sept. 15, 1896	21,349 11
538	Dredging in vicinity of East One Hundred and Sixteenth street, H. R.....	Morris & Cumings Dredging Co.....	14 1/2 cents per cubic yard.....	June 2, 1896	June 10, 1896	Feb. 2, 1897	2,226 66
539	Class I.—Furnishing and placing small cobble-stones.....	O'Brien Bros.....	89 cents per cubic yard.....	June 2, 1896	June 13, 1896	Oct. 1, 1896	2,785 70
539	Class II.—Furnishing and placing small rip-rap stones.....	Bids rejected by Board June 4, 1896.					
539	Class III.—Furnishing and placing broken stone.....	Murray & Co.....	64 1/2 cents per cubic yard.....	June 2, 1896	June 25, 1896	Dec. 5, 1896	769 88
539	Class IV.—Furnishing and delivering broken stone.....	New York Trap-rock Co.....	\$1.55 1/2 per cubic yard.....	June 9, 1896	June 18, 1896	July 26, 1896	2,677 71
540	Paving the newly made land in the vicinity of Pier, new 23, N. R.....	Cornelius O'Grady.....	\$2,979 47	June 9, 1896	June 18, 1896	July 26, 1896	2,929 47
541	Preparing for and building a new pier on the westerly side of Randall's Island.....	John W. Flaherty.....	\$5,897 00	Sept. 1, 1896	Sept. 1, 1896	Oct. 1, 1896	5,897 00
542	Furnishing and delivering stationery, etc.....	M. B. Brown Co.....	\$2,232 00	Sept. 1, 1896	Sept. 1, 1896	May 1, 1897	2,232 00
543	Removal of Piers at Bethune and West Eleventh street, N. R.....	Gildersleeve & Rolf.....	\$2,533 00	Sept. 1, 1896	Sept. 18, 1896	Dec. 5, 1896	2,533 00
544	Furnishing and placing rip-rap stones.....	J. Frank Quinn.....	35 cents per cubic yard.....	Sept. 1, 1896	Sept. 9, 1896	Dec. 1, 1896	2,803 85
545	Paving and repaving the newly-made land in the vicinity of Piers, new 53, 54 and 55, N. R.....	Terence A. Smith.....	\$18,100 00	Sept. 8, 1896	Sept. 30, 1896	May 1, 1897	.....
546	Removing buildings from premises between Bank and Bethune streets and West street and Thirtieth avenue.....	With drawn.					
547	Furnishing sawed spruce timber.....	George R. Hebbard.....	\$19.70 per M.....	Sept. 1, 1896	Sept. 17, 1896	Apr. 15, 1897	2,954 20
548	Furnishing and delivering coal.....	William D. Bruns.....	\$4.50 per ton.....	Sept. 10, 1896	Oct. 2, 1896	Dec. 31, 1896	3,138 48
549	Repairing and extending Pier at One Hundred and Thirty-first street, N. R.....	Gildersleeve & Rolf.....	\$8,237 25	Oct. 13, 1896	Nov. 4, 1896	Jan. 27, 1897	8,237 25
550	Repairing crib at East Fourth street, E. R.....	Henry D. Steers.....	\$2,530 00	Oct. 20, 1896	Nov. 4, 1896	Feb. 1, 1897	2,530 00
551	Removal of Piers at foot of Jane and Bethune streets, N. R.....	R. G. & J. S. Packard.....	\$1,137 00	Nov. 2, 1896	Nov. 11, 1896	Mar. 19, 1897	1,137 00
552	Removal of Pier at West Twelfth street, N. R.....	P. Sandford Ross.....	\$775 00	Oct. 30, 1896	Nov. 5, 1896	.....	.....
553	Dredging at Sherman's Creek, H. R.....	Morris & Cumings Dredging Co.....	19 1/2 cents per cubic yard.....	Nov. 10, 1896	Nov. 25, 1896	Feb. 15, 1897	17,668 13
554	Building crib in Sherman's Creek.....	P. Sandford Ross.....	\$35,000 00	Nov. 24, 1896	Dec. 31, 1896	Apr. 1, 1897	.....
555	Furnishing and delivering cement.....	E. Hall & Co.....	\$2.45 per barrel.....	Dec. 29, 1896	Dec. 31, 1896	Apr. 1, 1897	.....
556	Furnishing and delivering granite.....	John Hinchcliffe.....	Class I.: 96 cents per cubic foot; Class II.: \$1.10 per cubic foot.....	Dec. 16, 1896	Dec. 19, 1896	July 1, 1897	.....
557	Preparing for and repairing the Pier on the westerly shore of Eastchester Bay.....	With drawn.					
558	Building Pier at foot of East One Hundred and Sixteenth street, H. R.....	John W. Flaherty.....	\$8,867 00	Jan. 12, 1897	Jan. 20, 1897	Apr. 3, 1897	8,867 00
559	Building new Pier at Hart's Island.....	Hugh Hart.....	\$5,800 00	Jan. 12, 1897	Jan. 22, 1897	Apr. 15, 1897	5,800 00
560	Filling behind cribwork at Sherman's Creek, H. R.....	International Contracting Co.....	\$8,700 00	Jan. 12, 1897	Jan. 14, 1897	Apr. 15, 1897	8,846 60
561	Removing the awning-shed from pier and building foundation for Recreation Building at foot of Third street, E. R.....	Gildersleeve & Rolf.....	\$5,734 00	Jan. 22, 1897	Feb. 8, 1897	Apr. 9, 1897	5,734 00
562	Dredging on the East and Harlem rivers.....	Atlantic Dredging Co.....	17 1/2 cents per cubic yard.....	Jan. 22, 1897	Jan. 20, 1897	Jan. 1, 1898	1,003 54
563	Furnishing and delivering coal.....	William C. Moquin.....	\$4.24 per ton.....	Dec. 29, 1896	Jan. 19, 1897	June 1, 1897	1,470 63
564	Furnishing sawed yellow pine.....	John Anderson.....	\$19 per thousand.....	Jan. 22, 1897	Feb. 4, 1897	May 15, 1897	2,547 13
565	Dredging between West Eleventh and Bank streets, N. R.....	Morris & Cumings Dredging Co.....	\$83,790 00	Feb. 2, 1897	Feb. 24, 1897	July 6, 1897	25,850 75
566	Repairing Pier foot of East Fifth street, E. R.....	William H. Jenks.....	\$8,242 00	Feb. 2, 1897	Feb. 8, 1897	Apr. 23, 1897	8,242 00
567	Removing Pier, old 35, E. R.....	Ronald Gillies.....	\$1,240 00	Feb. 2, 1897	Feb. 11, 1897	Mar. 27, 1897	1,200 00
568	Dredging at Unionport and Westchester creek.....	James McSpirt.....	35 cents per cubic yard.....	Mar. 2, 1897	Mar. 6, 1897	Apr. 10, 1897	1,321 00

James Smith, No. 2, James Smith, No. 3, Charles Swanson, Timothy F. Shine, James J. Sullivan, John M. Sponza, Michael Stapleton.
John Trenly, Michael Tracy, James Tormey.
John Voysey.
Patrick Whalen, No. 1, William H. Ward, John Wilson, No. 2, James Waters, William Welden, William Wilson.

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

Thomas Ahearn, \$75 per month; John Allen, Paul Alf.
William Barrett, John Bowen, John Bartlett, Peter Burke, William J. Burke, Joseph Brooks, William S. Brown, \$17.30 per week; Thomas Blaney, John Boland, John Bergin, Patrick Bohan, Joseph Bennett, Edward Breen, Thomas Brown, Robert Butler, Louis Bauer, Jacob Berman, John A. Burke, Herman Browning, John Bennett, William Brander, Edward M. Boden, John Bradley, Ralph H. Benedict, John Barr, John Braunbach, George A. Baderschneider, John Butch.
Dennis Canniff, Patrick Cunningham, Bernard Cummings, Peter Canty, David Cagney, Martin Clancy, Thomas F. Cregan, John Costello, Jeremiah Crowley, Timothy Carroll, Ogden Chapin, Peter Clarkin, Michael Clark, John Cuff, Matthew Coughlin, Patrick Cash, James F. Cleary, Phillip Coffey, Michael Cunningham, Thomas Cooney, John Colleton, \$75 per month; William Carey, Joseph Connors, John Collins.
Frank Devine, Patrick Davin, George Dougherty, Daniel Dougherty, James Doonan, Robert Dolan, Charles J. Daly, John Deegan, John Deutsch, Nicholas Doyle, Thomas Dermody, Patrick Doyle, Max Drucker, \$75 per month; John Desmond.
Louis Eberlein.

James Farley, No. 1, George Farley, Michael Fitzgibbons, James P. Fallon, Conrad Ferber, William J. Fay, \$75 per month; Jacob Fuchs, Martin Griffin, John Gilmore, James Griffin, No. 1, Bernard P. Gibney, \$75 per month; William Gunn, James Garvin, John Gillen, No. 1, Louis Gairing, Patrick Griffen, Julius Gerson, Adolph Glickman, William Goldthwaite, James M. Gaffney, Edward Greenen, John Gillen, No. 2, Patrick Geraghty, Martin Gerraty.
William Hennessey, James Hartney, Henry A. Howland, John Herwig, Adolph Harbert, George Horstman, Patrick Heagney, John Hanifin, James Haggerty, John Haggerty, \$17.30 per week; Freeman F. Huntington, \$17.30 per week; Thomas J. Hughes, John Hauck.

John Jones.
James Kennedy, No. 1, Owen Kettle, Patrick Kelly, William Kelleghan, Frank Kennedy, John Kiernan, William Kiesler, Christian Kaefer, Joseph Keating, John J. Keefe, \$18 per week; John H. Kuntz, Charles G. G. King, \$75 per month; Thomas King, Edward A. Kennedy, Thomas Kearney, Charles H. Kelly, Thomas F. Kelleher, John Kennedy, Laurenz Kurz, Nicholas Kelch.
William Lowrie, Gottlieb Lang, Daniel Lynch, Thomas J. Larkin, Simon Lauer, Joseph Loughlin, John Lannon.

John McGrath (and Diver's Tender), Edward McDonald, Hugh McGuire, Thomas McElroy, \$15 per week; Thomas McCullough, Thomas McLaughlin, Martin McLean, John McBride, James McCann, James McDonald, Patrick McNulty, John McKenna, Robert McVey, James McCabe, John Moroney, Daniel Mahoney, Wright Morton, Michael Murray, James Monaghan, James Mitchell, Frank Moss, Daniel Maguire, George Murphy, Patrick Mahoney, James R. Misk, Thomas C. Mulcaro, Frederick C. Milligan, \$17.30 per week; Jacob Marks, Peter Mahoney, Daniel Morrison, James Mackin, Michael Mahon, John J. Molloy, James Murtaugh, Michael Mead, James F. Murray, Richard Murray, John P. Monaghan.
Michael Noonan, Patrick Nulty.

Barth O'Connor, John O'Brien, No. 1, \$75 per month; Michael O'Flynn, James O'Grady, Michael O'Keefe, John J. O'Neill, John J. O'Connor, James O'Rourke, Patrick O'Dwyer, Edward O'Brien, Daniel O'Neil, John O'Neil, Jeremiah O'Neil, John O'Brien, James E. O'Brien, James Oliver.

Michael Petit, Merwin J. Page, Philip Packenham, George Pfanner.

William Quinn.

George Rafferty, James Reilly, No. 1, Patrick Reynolds, John Ritchie, William Ryan, James Reid, Joseph Rubsam, Henry Rengstorff, Jacob Reisert, Arnold Rogers, Bernard Rafferty, James Reilly, No. 2, Francis Russo, James Reynolds.

Frederick Schneidrum, Peter Shaw, Dennis Sullivan, Michael Sheehan, Michael Shea, George W. Shaffer, Adolph Severyn, George Scheffler, Henry Shafer, George Springer, Solomon Schiff, Daniel Sullivan, Hyman Schlick, Christopher Schrouff, Alexander Stoeckel, James Smith, Simon Seligman, Henry Smith.

Henry Thomas, Joseph Trainer, George Tremper, Chester P. Traver, George Tuohy, Elisha Tracy, Frederick Terhune, James L. Thompson, James Talbot, Henry Track.

Pierce Walsh, Charles H. Wolf, James A. White, Louis Wolters, Emanuel Wallach, Willis M. Wilbur, \$17.50 per week; Frederick Woelfel, Jeremiah Wholey.

Total number of Laborers..... 246

Total number of Dock Builders..... 124

Total number of employees, exclusive of Laborers and Dock Builders..... 236

Total..... 606

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

SECOND—A STATEMENT OF THE ACTION OF THE BOARD FOR THE PAST YEAR.
REVENUES AND EXPENDITURES.

The total gross revenue of the Department from leased wharves and wharfage for the year ending April 30, 1897, amounted to \$2,066,839.02, not including the sum of \$359,873.08, collected by the Finance Department for the rent of ferries, etc., which amount properly constitutes a portion of the revenue derived by the City for the use of its water-front. The total annual expenditures during the same period were \$1,739,762.24. Of this amount \$634,148.53 was expended for the work of construction and \$839,952.74 was paid for wharf property; the sum of \$194,631.77 was spent in repairs, while the general expenses of the Department amounted to \$71,029.20.

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.

569	Building temporary piers between Piers, old 56 and 57, and between Piers, old 58 and 59, North river.....	Gildersleeve & Rolf.....	Class I.: \$8,000; Class II.: \$3,473.....	Mar. 5, 1897	Mar. 19, 1897	July 3, 1897	\$9,524 16
570	Dredging on the Harlem river.....	Charles Du Bois.....	19 1/2 cents per cubic yard.....	Mar. 12, 1897	Mar. 26, 1897	Dec. 31, 1897	.....
571	Dredging between West Twelfth and Gansevoort streets, N. R.....	R. G. Packard.....	\$79,000 00.....	Mar. 2, 1897	Mar. 12, 1897	{ 125 days from notification	.....
572	Repairing and extending Pier at One Hundred and Thirty-second street, N. R.....	Steers & Bensele.....	Class I.: \$15,769; Class II.: 39 cents per cubic yard.....	Mar. 23, 1897	Apr. 10, 1897	{ 135 days from notification	.....
573	Dredging on the North river, between the Battery and West Thirty-fourth street.....	R. G. Packard.....	17 1/4 cents per cubic yard.....	Mar. 10, 1897	Mar. 20, 1897	Dec. 31, 1897	3,481 48
574	Repairing and extending Pier, old 59, N. R.....	Spearin & Preston.....	\$2,975 00.....	Mar. 23, 1897	Mar. 27, 1897	July 3, 1897	.....
575	Building a recreation structure on Pier at foot of East Third street, E. R.....	Richard H. Hood.....	\$52,970 00.....	Mar. 23, 1897	Mar. 26, 1897	Aug. 7, 1897	19,663 43
576	Repairing Pier at foot of West Thirty-fifth street, N. R.....	Bernard Rolf.....	\$5,717 00.....	Apr. 9, 1897	Apr. 14, 1897	June 24, 1897	.....
577	Furnishing sawed spruce timber.....	Bell Bros.....	\$21 per thousand.....	Apr. 13, 1897	Apr. 19, 1897	Sept. 15, 1897	.....
578	Repairing Pier foot of East Twenty-eighth street, E. R.....	Bernard Rolf.....	\$2,137 00.....	Apr. 9, 1897	Apr. 14, 1897	June 4, 1897	.....
579	Class I.—Furnishing and placing small cobble stones.....	Thomas F. O'Brien.....	69 cents per cubic yard.....	Apr. 9, 1897	Apr. 30, 1897	Oct. 1, 1897	.....
579	Class II.—Furnishing and placing rip-rap stones.....	Thomas F. O'Brien.....	42 cents per cubic yard.....	Apr. 9, 1897	Apr. 30, 1897	Oct. 1, 1897	.....

STATEMENT OF REVENUES AND DISBURSEMENTS.

Account with the Mayor, Aldermen and Commonalty, and Balance Sheet for April 30, 1897.

STATEMENT OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND DURING THE YEAR ENDING APRIL 30, 1897.

DOCK AND SLIP RENT.

I.—REVENUE:			
1. Amount of accrued rents uncollected April 30, 1896, as per report for year ending that date.....	\$960 65		
Amount of rents accruing and wharfage collected during the year ending April 30, 1897, to wit:			
2. To lessees of corporation wharf property, and occupants of land under water, the property of the Corporation, covered by wharf improvements erected by permission of the Department.....	\$1,945,628 60		
3. Amount of wharfage collected within the year from unleased corporation wharf property.....	121,210 42		
		2,066,839 02	
II.—DISTRIBUTION:			
Cash—			
Amount of moneys deposited with the Chamberlain prior to May 1, 1896, being in payment, in advance, of rents accruing during the present year.....	\$22,692 50		
Amount of moneys deposited during the year with the Chamberlain to the credit of the Commissioners of the Sinking Fund for the Redemption of the City Debt.....	2,076,475 54		
		\$2,099,168 44	
Deduct these amounts included in the said moneys, but not applicable to rents payable during the year, to wit:			
Sums received at public sale of leases of corporation wharf property, being deposits made by purchasers as security for the execution on their part of their leases respectively, which leases are to date from May 1, 1897, and which deposits are to be applied as rent first accruing under such leases as shall be duly completed, or in default to become forfeited.....	\$15,828 75		
Collections received from Counsel to the Corporation in settlement of claims placed in his hands prior to May 1, 1896.....	120 00		
Proceeds of sale of old material.....	20,721 45		
Interest and costs.....	60 78		
		36,730 98	
Leaving this amount deposited during the year as rents and wharfage from corporation wharf property (except from premises in use under ferry leases made with the Comptroller).....		\$2,062,437 46	
Claims for unpaid rents placed in the hands of the Counsel to the Corporation for collection during the year.....		1,860 11	
Sundry unpaid rents.....		3,502 10	
		2,067,799 67	

DOCK BONDS.

Total amount of "Dock Bonds of the City of New York," directed to be issued by the Commissioners of the Sinking Fund, for the uses and purposes of the Department of Docks, from the date of its organization in May, 1870, to April 30, 1897.....

DOCK FUND.

I.—RECEIPTS:			
1. Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on May 1, 1896, for the uses and purposes of this Department, as per Annual Report for the year ending April 30, 1896.....	\$955,280 12		
2. Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund.....	1,000,000 00		
3. Amount of premium on Dock Bonds.....	87,990 00		
4. Amount of moneys received in and during the year, and deposited with the Chamberlain for the uses and purposes of the Department; being reimbursements for the costs of repairs to wharf properties made for lessees, private owners and others, and for the use of the Department appliances and dumping grounds, furnishing maps, tracings, etc.....	18,757 89		
		2,062,028 01	
II.—EXPENDITURES:			
Amount of bills and claims audited in and during the year ending April 30, 1897, and transmitted to the Finance Department for payment, being for materials and supplies furnished, and for services rendered to this Department, to wit:			
1. For Construction—			
For bills and claims audited as per Schedule B.....	\$309,344 16		
As per Schedule C:			
Salaries of the Commissioners.....	15,000 00		
Salaries of the Construction force.....	96,914 74		
Weekly pay-rolls of Captains, Engineers, Crews and Watchmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters and Masons, etc., on Construction force.....	212,889 63		
		\$634,148 53	
2. For General Repairs—			
For bills and claims audited as per Schedule D.....	\$115,964 63		
As per Schedule E:			
Pay-rolls of Dock Builders, Watchmen, Carpenters, Inspectors and Engineers on General Repairs Force.....	78,667 14		
		194,631 77	
III.—EXPENDITURES:			
For Annual Expense—			
For bills and claims audited as per Schedule F.....	\$11,653 88		
As per Schedule G:			
Salaries of officers and appointees.....	59,375 32		
		71,029 20	
As per Schedule H:			
4. For Acquired Property—			
For property acquired.....	839,952 74		
		1,739,762 24	

III.—BALANCE: Amount of proceeds of Dock Bonds in the hands of the Comptroller on April 30, 1897, for use of this Department.....

NEW YORK, April 30, 1897.

Respectfully submitted to the Board,

JOHN M. PHELAN, Chief Clerk.

The Mayor, Aldermen and Commonalty of the City of New York, in Account with the Board of Dr. of the Department of Docks, for and during the Year ending April 30, 1897.

To deposits of money made prior to May 1, 1896, being for payments in advance of rents accruing after that date and credited in this account.....	\$22,692 50		
To deposits of money with the Chamberlain.....	2,095,233 83		
To bills and claims audited for materials and supplies furnished and for services rendered, to wit:			
On Construction Account.....	634,148 53		
On General Repairs Account.....	194,631 77		
On Annual Expense Account.....	71,029 20		
To depreciation in value of floating plant.....	36,475 00		
Balance carried forward.....	5,345,129 84		
		\$8,399,340 67	

Dr.	Balance Sheet, April 30, 1897.	Cr.
Acquired real property.....	\$4,521,741 52	
Floating plant (as per Schedule I).....	282,875 00	
Dock Fund.....	322,265 77	
Contingent Fund.....	1,000 00	
Judgments (as per Schedule J).....	121,457 46	
Sundry claims for unpaid rents in hands of Counsel to the Corporation for collection (as per Schedule K).....	92,287 99	
Sundry unpaid rents.....	3,502 10	
	\$5,345,129 84	

SCHEDULE A.

LEDGER BALANCES, APRIL 30, 1897.

Dr.	Folio.	Cr.	Dr.	Folio.	Cr.
Acquired property.....	43		Fines and penalties.....		\$545 17
Annual expense.....	45		Judgments recovered.....		.....
Construction.....	47		Rent advances.....		15,828 75
General repairs.....	49		Cement tests.....		130 00
Dock Fund.....	41 67		Brooks, William, Son Co.....		.....
Dock and slip rent.....		\$2,066,839 02	Brown and Fleming.....		.....
The Mayor, Aldermen and Commonalty of the City of New York.....		6,199,207 39	Cornell, J. B. & J. M. Clifford, E. C. & Co. Consolidated Ice Co. Manhattan State Hospital.....		.....
Anson G. McCook, City Chamberlain.....			Greenpoint Ferry Co. Knickerbocker Ice Co.....		.....
Contingent Fund.....			Unpaid rents in hands of Counsel to the Corporation for collection.....		.....
Interest.....		28 09			
Costs.....		32 69			
Floating plant.....					
Sale of filling-in privileges.....		7,216 18			
Repairs for private owners.....		10,727 04			
Sale of maps.....		139 50			
Sale of old material.....		20,721 45			

SCHEDULE B.

BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

Advertising.		W. B. Ferguson & Son.		\$120 00
Arkell Weekly Company.....	\$5 00	Gutta-percha and Rubber Manufacturing Company.....	26 25	
"Commercial Advertiser".....	349 20	Heipshausen Bros.....	45 00	
"Evening Post".....	267 90	Hodgman Rubber Company.....	204 00	
Mail and Express Publishing Company.....	728 10	R. Hoe & Co.....	24 50	
New York Press Company.....	637 60	Hull, Grippen & Co..	96 25	
"New York Staats Zeitung".....	172 50	Jenkins Bros.....	17 00	
"New York Times".....	304 00	Jersey City Dry Docks Company.....	61 00	
"Sun".....	305 60	H. W. John's Manufacturing Company....	28 00	
Tribune Association...	357 80	L. Ketzenstein & Co..	90 00	
"World".....	81 00	E. H. Kendall.....	2,119 10	
		Lawyer's Title Insurance Company.....	12 50	
Coal.		Manning, Maxwell & Moore.....	1,477 66	
Bruns, W. D.....	\$3,138 48	Montgomery & Co....	454 92	
Ehrenrich Bros.....	222 50	T. N. Motley & Co....	1,599 39	
Goodstein's Son, Isaac.....	245 00	John T. Muller.....	97 00	
Herbert & Co., H. L.....	1,014 93	Eugene Munsell.....	21 71	
Moquin, W. C.....	3,378 29	James J. McKenna & Bro.....	15 36	
Moquin, Offerman & Heissenbuttel.....	493 75	McMann & Taylor....	115 75	
Winant & Son, G. W.....	78 40	Neostyle Company....	9 90	
		New York Telephone and Telegraph Company.....	2,633 08	
Building Piers, Bulkheads, etc.		Frederick Pearce....	21 22	
Flaherty, John W.....	\$14,764 00	Alexander Pollock....	901 56	
Gildersleeve & Rolf....	17,791 16	James Reilly, Repair and Supply Company.....	471 50	
Gillies, Ronald.....	1,240 00	W. H. Rodman.....	50 00	
Hart, Hugh.....	5,800 00	Roebbling's Sons Company.....	135 76	
Hood, R. H.....	19,663 43	H. A. Rogers.....	201 54	
International Contracting Company.....	3,846 60	Schrader's Son.....	6 00	
Leary, James D.....	34,900 00	A. T. G. Sellow.....	52 00	
Packard, R. G. & J. S..	1,137 00	Sooysmith & Co.....	40 00	
		Seth Thomas Clock Company.....	39 00	
Drawing Material, Surveyor's Instruments, etc.		P. W. Vallery.....	20 00	
Keuffel & Esser.....	\$77 64	John F. Walsh, Jr....	44 00	
Kolesch & Co.....	211 91	Peter Woolley.....	1,368 50	
Stackpole & Brother...	146 00	Wyckoff, Seamans & Benedict.....	250 55	
		Yale & Towne Manufacturing Company..	126 00	
				\$29,486 18
Dredging.		Cement, Sand, Broken Stone, Rip-rap and Cobble.		
Beard Dredging Company, W. H.....	\$1,962 36	Atlas Cement Company.....	\$5,765 44	
Morris & Cumings Dredging Company.....	85,023 93	H. Baetjer.....	1,938 43	
Ross, P. Sanford.....	7,313 20	A. A. Bouker.....	4,271 40	
		Brown & Fleming....	2,765 93	
General Expenses, including Workmen's Tools and Maintenance of Floating Property and Department Yards.		Murray & Co.....	769 88	
Annis & Co.....	\$127 00	John D. McLaughlin..	816 73	
Armstrong Cork Company.....	31 25	New York Trap Rock Company.....	2,677 71	
Babcock & Wilcox Company.....	8,000 00	O'Brien Bros.....	3,851 26	
Bladgen & Stillman.....	3,081 25	J. F. Quinn.....	3,126 29	
Blake Pump Company.....	42 16			25,983 07
Bloomingdale Brothers.....	606 43	Iron, Steel, Spikes, Bolts, Washers and Mooring-Posts.		
Brown, A. & F.....	19 00	Borden & Lovell.....	\$19 80	
Brown, James.....	60 00	Davis Brothers.....	260 00	
Brown & Miller.....	700 82	Greenlie, Wyatt & Co.	283 99	
Carey, James J.....	89 55	Hull, Grippen & Co..	28 00	
Clifford, E. C. & Co..	26 55	John Lloyd.....	152 41	
Colton, G. W. & Co..	25 00	Milliken Brothers.....	35 20	
Commonwealth Ice Company.....	22 78	Motley & Co., T. N..	336 94	
Consolidated Gas Company.....	94 75	McMann & Taylor....	7 88	
Consolidated Ice Company.....	13 25	A. Pollock.....	141 14	
Crane Brothers.....	414 64	P. Timmis' Son.....	581 00	
Dayton, H. C. & Co....	194 58			1,846 36
Dayton & Dayton....	7 00	Lumber and Piles.		
De Graw, Aymar & Co.	20 68	John Anderson.....	\$2,547 13	
Donegan & Swift....	19 50	Dannat & Pell.....	16 10	
Douglas, W. and B. & Co.....	20 00	East River Mill and Lumber Company.....	532 18	
Draper Manufacturing Company.....	18 00	Eppinger & Russell Co.	14,848 18	
J. P. Duffy & Co.....	53 78	George R. Hebbard..	2,954 20	
Edwin Einstein (Employee's car fare, etc.).....	2,719 71	A. J. Murray.....	3,204 08	
P. Eley.....	82 50	J. C. Orr & Co.....	362 00	

Pitch Pine Lumber Company.....	\$626 03
J. A. Rennolds & Bros.	8,309 26
W. H. Sidway.....	319 14
Thomas H. Simonson & Son.....	146 88
E. R. Wilcox.....	85 87
Yellow Pine Company.....	1,537 18
Paving.	\$35,488 23
Cornelius O'Grady.....	\$2,929 47
James Quinn.....	407 76
Paints, Oils, Etc.	3,337 23
F. W. Devoe and C. T. Reynolds.....	\$275 05
Thomas C. Dunham.....	504 66
Fiske Bros. Refining Company.....	25 13

SCHEDULE "C."

SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

Commissioners.	
Edward C. O'Brien.....	\$5,000 00
Edwin Einstein.....	5,000 00
John Monks.....	5,000 00
Construction.	\$15,000 00
G. S. Greene, Jr.....	\$6,000 00
Andrew McC. Parker.....	4,000 00
S. W. Hoag, Jr.....	2,700 00
David F. McCarthy.....	2,666 64
Godfrey P. Farley.....	2,600 00
Charles W. Staniford.....	2,524 98
Edward Gottschall.....	2,400 00
Allen N. Spooner.....	2,120 00
Henry C. Freeman.....	2,000 00
William S. White.....	1,950 00
John M. Stewart.....	1,800 00
John J. Herrick.....	1,700 00
Harvey Farrington.....	1,033 30
Joseph Canning.....	1,600 00
Chandler Davis.....	1,550 00
John T. Hilton.....	1,500 00
J. Frank Johnson.....	1,500 00
George A. Butten.....	1,500 00
Hiram C. Calkins.....	1,500 00
Robert M. Kid.....	1,500 00
Lucius C. Higgins.....	1,500 00
Berthold Sommer.....	1,500 00
Frederick Lange.....	1,500 00
J. Garnet Basinger.....	1,375 00
Effingham V. Smith.....	1,275 00
Charles J. Collins.....	1,275 00
J. W. Balet.....	1,250 00
James J. White.....	1,250 00
Eugene Lentilhon.....	1,250 00
John A. Duntze.....	1,250 00
John W. Ingalls.....	1,205 00
John T. L. Doughty.....	1,200 00
William G. Johnson.....	1,200 00
Nicholas J. Vander Wyde.....	1,200 00
Robert M. Sterritt.....	1,200 00
David H. Lane.....	1,200 00
Patrick H. Bird.....	1,200 00
Thomas P. T. Nash.....	1,200 00
John J. Boyle.....	1,200 00
Benjamin S. Weaver.....	1,172 18
Harry C. DeLano.....	1,160 00
Alexander M. Goge.....	1,100 00

SCHEDULE D.

BILLS AND CLAIMS AUDITED ON REPAIRS ACCOUNT.

Advertising.	
"Commercial Advertiser".....	\$144 00
"Evening Post".....	57 00
Mail and Express Publishing Company.....	126 00
New York Press Company.....	204 00
New York Staats Zeitung.....	57 00
New York Times.....	56 00
"Sun".....	96 00
Tribune Association.....	129 20
"World".....	42 00
Contracts for Repairs and Dredging.	\$911 20
Atlantic Dredging Company.....	\$1,003 54
Beard Dredging Company.....	13,582 70
Henry Du Bois Sons.....	19,856 25
Henry Du Bois, Jr.....	11,304 09
Gildersleeve & Rolf.....	11,330 75
William H. Jenks.....	8,242 00
Morris & Cummings Dredging Company.....	14,171 59
Maher & Flockhart.....	188 42
R. G. Packard.....	3,481 48
P. S. Ross.....	5,081 30
H. D. Steers.....	2,530 00
Steers & Bensen.....	7,375 01
Lumber and Piles.	98,147 13
Bell Bros.....	\$1,356 26
Eppinger & Russell Company.....	125 00
A. J. Murray.....	597 00
W. H. Sidway.....	61 35
Yellow Pine Company.....	3,000 01
Stationery.	5,139 62
Martin B. Brown Company.....	\$1,104 75
W. H. Clark.....	10 50

SCHEDULE E.

PAY-ROLLS AUDITED ON GENERAL REPAIRS ACCOUNT.

Weekly pay-rolls from May 1, 1896, to April 30, 1897, of Dock Builders, Laborers, Watchmen, Carpenters, Inspectors and Enginemen of General Repairs Force....	\$78,667 14
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SCHEDULE F.

BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

Advertising.	
"Commercial Advertiser".....	\$20 00
"Evening Post".....	15 00
Mail and Express Publishing Company.....	113 70

J. H. Haggerty.....	\$499 77
Miller & McLean.....	221 26
Printing, Stationery, Etc.	\$1,525 87
Martin B. Brown Company.....	\$4,009 86
Rope.	
De Grauw, Aymar & Co.....	287 70
Travus Bros. Co.....	899 19
Towing.	1,186 89
Moran Towing Company.....	\$751 69
Vierows Towing Company.....	161 50
Miscellaneous.	913 19
Total	\$309,344 16

"Morning Advertiser".....	\$24 00
New York Press Company.....	80 00
"New York Times".....	24 00
"Sun".....	20 00
Tribune Association.....	33 00
Miscellaneous.	\$329 70
Andrews Manufacturing Company.....	\$182 00
Banks Bros.....	54 50
Bloomington Bros.....	167 45
Martin B. Brown & Co.....	9,420 36

W. H. Campbell.....	\$250 00
Commonwealth Ice Company.....	60 20
Thomas J. Cummins.....	75 00
Edwin Einstein (employees' car fare, etc.).....	1,048 85
T. P. Sullivan.....	50 00
Zimdar & Hunt.....	15 82
Total	\$11,324 18
Total	\$11,653 88

SCHEDULE G.

SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

George S. Terry.....	\$4,200 00
John M. Phelan.....	2,700 00
Edward S. Atwood.....	2,500 00
James Weir.....	2,400 00
Thomas Brady.....	2,391 67
Charles F. Friedman.....	2,266 64
Charles J. Farley.....	2,200 00
Adna G. Bowen.....	2,200 00
Louis S. Kellogg.....	1,700 00
Edwin A. Gregory, Jr.....	1,700 00
Robert Gere.....	1,525 00
Edward Abeel.....	1,500 00
James J. Fleming.....	1,500 00
W. J. Matthews.....	1,500 00
Thomas E. Booth.....	1,500 00
L. Hitch Harrison.....	1,500 00
De Witt C. Wheeler.....	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 Mauer.....	1,500 00
Rufus Darrow, Jr.....	1,500 00
Total	\$59,375 32

SCHEDULE "H."

BILLS AND CLAIMS AUDITED ON ACQUIRED PROPERTY ACCOUNT.

Franklin Bien.....	\$1,740 00
A. B. Boardman.....	418 00
Clarence Bonyng.....	585 65
Martin B. Brown Company.....	13 63
A. B. Chandler, W. H. Baker and E. C. Platt.....	1,625 00
George C. Clarke.....	1,824 00
N. L. Coe.....	187 00
Edmund Coffin and Rebecca S. Mills.....	73,656 00
A. R. Cooper.....	728 60
Emily G. Coster, executrix of J. H. Coster.....	496 80
K. V. Curry.....	1,792 15
C. C. Cuyler.....	60 00
W. J. Fawcett.....	999 96
W. W. Fogg.....	350 00
Louisa M. Gerry.....	535,925 04
L. Godkin.....	18 00
Charles L. Guy.....	759 00
John A. Henneberry.....	3,691 50
Hugh Hughes.....	9,365 28
Grosvenor S. Hubbard.....	144 90
John H. Judge.....	1,180 00
Gilbert D. Lamb.....	6 00
Charles N. and E. F. Lane.....	10,350 00
Wilbur Larremore.....	928 00
Lawyers' Title Insurance Company.....	291 00
Edward V. Loew.....	759 00
Total	\$839,952 74

SCHEDULE I.

STATEMENT OF VALUATION OF FLOATING PLANT, APRIL 30, 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
" 2.....	900 00
" 3.....	900 00
" 4.....	6,000 00
" 5.....	5,000 00
" 6.....	900 00
" 7.....	1,000 00
" 8.....	1,000 00
" 9.....	3,500 00
" 10.....	3,600 00
" 11.....	3,600 00
" 12.....	5,500 00
" 13.....	8,500 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
Deck scow "F".....	\$100 00
" "H".....	4,000 00
" "I".....	4,000 00
" "K".....	4,000 00
" "L".....	4,000 00
" "M".....	4,000 00
" "N".....	4,000 00
" "O".....	4,000 00
" "P".....	4,000 00
" "R".....	75 00
" "S".....	1,400 00
" "U".....	3,400 00
Boring machine "Woodcock".....	1,200 00
Diver's scow "A".....	500 00
" "G".....	250 00
" "N".....	500 00
" "S".....	500 00
" "T".....	900 00
Naphtha-engine launch, No. 1.....	400 00
Naphtha-engine launch, No. 2.....	750 00
Small boats (28 yawl boats, 2 skiffs, 6 sounding-boats, 2 bateaux and 1 rowboat).....	1,200 00
Total value of floating plant.	\$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 57	14,213 96
".....	Mar. 9, 1881	4,003 67	\$17,687 42
".....	Apr. 25, 1883		780 00
".....	Mar. 20, 1891		1,395 00
".....	Aug. 30, 1893		400 00
".....	Mar. 10, 1881	2,436 34	15,112 42
".....	Mar. 15, 1881	377 18	10,430 46
".....	Apr. 26, 1881	637 85	1,839 68
".....	July 29, 1881	1,366 67	3,105 56
".....	June 4, 1880	99 60	0,240 53
".....	Mar. 30, 1881	871 53	540 35
".....	Oct. 6, 1881	611 10	4,721 53
Thomas Gaynor.....	Apr. 9, 1881	439 22	2,604 43
Thomas C. Burke.....	Jan. 15, 1881	2,389 60	2,531 72
".....	Oct. 20, 1881	739 05	13,139 60
James Savage.....	Mar. 16, 1881	16 70	6,114 05
Herman Hastorf.....	May 17, 1880	439 63	141 70
".....	Apr. 30, 1881	1,806 36	2,214 63
John E. Hoagland.....	Nov. 26, 1881	292 13	7,426 36
Jesse Ryder.....	Nov. 26, 1881	193 86	942 13
Empire City Ice Company.....	Jan. 27, 1882	43 15	658 86
William H. Brown.....	Feb. 16, 1882	636 31	193 45
John Burns.....	Apr. 29, 1882	7 35	2,011 31
Total			57 35

John Brennan and others, composing West India Fruit Dealers' Association.....	July 6, 1882	\$2,495 55	\$11,780 55
Daniel Bailey.....	Sept. 14, 1882	3 05	140 55
Frederick Schaeffer.....	Oct. 13, 1882	1 45	138 95
Collateral judgment against estate of Thomas Tone, surety for David Tracy.....	Oct. 23, 1882	40 47	883 97
Adolph L. Kerker.....	Oct. 9, 1882		231 67
			2,100 00
			\$121,457 46

SCHEDULE K.

Claims placed with the Counsel to the Corporation for Collection, and for which no return was made prior to May 1, 1897.

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

Against 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.....	3,813 75
Booth & Edgar.....	Dec. 5, 1883.....	250 00
Alexander Mason.....	Mar. 5, 1884.....	1,750 00
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
A. T. Decker & Co.....	To Dec. 4, 1894.....	6,565 77
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 May 1, 1897.....	1,103 90
Fulton Market Fishmongers' Association.....	To June 1, 1897.....	193 94
		\$32,287 97

STATEMENT

Of Revenues and Expenditures of the Department of Docks from the Organization of the Department in May, 1870, to April 30, 1897.

FOR YEARS ENDING APRIL 30.	TOTAL GROSS REVENUE FROM LEASED WHARVES AND WHARFAGE.	TOTAL ANNUAL EXPENDITURES AUDITED.	SALARIES OF COMMISSIONERS.	SALARIES OF SECRETARY, CLERKS, DOCK MASTERS, ETC.	STATIONERY AND INCIDENTALS OF COMMISSIONERS' OFFICE.	SALARIES OF ENGINEER-IN-CHIEF AND SUBORDINATES.	BILLS AND CLAIMS AUDITED ON CONSTRUCTION, INCLUDING LABOR PAY-ROLLS.	BILLS AND CLAIMS AUDITED ON GENERAL REPAIRS, INCLUDING LABOR PAY-ROLLS.	ACQUIRED PROPERTY.
For year ending—									
1871.....	\$315,524 54	\$486,449 12	\$50,000 00	\$48,182 56	\$34,258 68	\$40,215 20	\$313,992 68		
1872.....	412,859 93	1,075,605 61	48,252 65	59,544 40	20,702 69	60,473 94	877,631 93		
1873.....	447,328 01	622,878 03	50,000 00	54,787 41	28,754 09	66,791 45	428,545 08		
1874.....	479,361 51	932,710 32	14,574 73	49,738 55	20,013 32	32,382 62	816,100 10		
1875.....	589,351 05	1,536,204 33	12,443 52	52,738 12	24,020 20	37,674 30	1,400,260 19		
1876.....	650,781 88	692,603 96	12,500 00	31,973 61	15,844 34	28,560 33	653,725 68		
1877.....	706,607 78	433,059 90	12,500 00	24,664 40	10,999 82	21,965 95	354,950 60		
1878.....	853,816 92	486,934 69	11,850 81	21,847 40	9,957 41	31,595 72	388,234 93		
1879.....	702,122 37	373,428 63	6,000 00	19,706 94	13,021 17	28,449 84	249,068 36		
1880.....	860,465 41	599,778 63	7,169 35	20,263 22	9,957 41	31,595 72	284,808 89		
1881.....	865,071 89	606,481 57	7,169 35	22,593 41	13,391 48	30,735 50	515,044 45		
1882.....	1,062,162 54	1,180,097 44	9,000 00	25,999 07	13,756 80	33,084 00	829,050 27		
1883.....	1,162,803 99	953,007 85	9,000 00	30,225 31	13,213 81	37,600 85	715,611 01		
1884.....	1,216,858 19	766,106 80	9,000 00	31,416 67	11,379 73	45,703 41	575,080 87		
1885.....	1,187,217 14	1,020,207 51	9,000 00	43,192 19	13,140 00	41,159 25	416,151 29		
1886.....	1,228,151 80	376,789 72	9,000 00	46,693 71	6,472 12	44,960 89	199,258 44		
1887.....	1,260,036 58	389,169 82	9,000 00	61,312 87	6,315 92	53,070 07	162,621 52		
1888.....	1,323,684 81	1,069,538 62	9,000 00	39,247 76	8,064 44	58,758 73	653,434 14		
1889.....	1,418,440 62	1,218,483 76	8,614 52	37,804 69	1,454 44	67,727 67	941,878 01		
1890.....	1,487,930 71	1,316,370 65	9,000 00	43,824 24	6,105 71	78,337 98	850,422 54		
1891.....	1,508,554 93	1,071,844 84	10,999 98	51,926 82	11,140 63	86,793 78	1,265,698 26		
1892.....	1,662,437 70	1,882,823 63	15,000 00	51,926 82	11,140 63	86,793 78	1,507,537 59		
1893.....	1,765,783 63	2,762,560 00	15,000 00	55,979 26	5,996 07	89,991 71	1,317,751 55		
1894.....	1,839,638 78	2,798,455 73	15,000 00	60,837 36	8,700 38	85,328 08	1,685,908 22		
1895.....	1,940,070 05	1,645,076 02	15,000 00	70,367 25	6,697 24	89,865 80	747,675 81		
1896.....	2,021,698 47	760,050 14	15,000 00	65,461 22	5,847 15	83,111 95	312,202 39		
1897.....	2,066,839 02	1,739,762 24	15,000 00	59,375 32	11,653 88	96,914 74	522,233 79		
Total.....	\$31,072,729 25	\$29,724,502 61	\$418,186 74	\$1,129,650 51	\$343,373 70	\$1,443,484 67	\$18,943,926 59	\$2,624,138 88	\$4,521,741 52

RENT ROLL, showing the Occupancy on May 1, 1897, of all Corporation Wharf Property under Leases and Permits of the Department of Docks, including all Leases sold within the Year by Public Sale.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<i>North River.</i>					
Berth at Battery Landing.....	American Committee Statute of Liberty.....	At pleasure of the Board.....	\$150 per ann.	By resolutions May 9, 1890, Feb. 21, 1895.....	\$150 00
Berth at Battery Landing.....	N. Y. & Long Branch Steamboat Co.....	Summer season of 1896.....	1,100 "	By resolution, Apr. 30, 1896.....	1,100 00
Berth at Battery Landing.....	N. Y. & Long Branch Steamboat Co.....	Summer season of 1897.....	1,100 "	By resolution, Mar. 4, 1897.....	200 00
Berth at Battery Landing for steamboat "Aurora".....	Excelsior Steamboat Co.....	Summer season of 1896.....	200 "	By resolution, May 28, 1896.....	200 00
Berth at Battery Landing for steamboat "Aurora".....	Excelsior Steamboat Co.....	Summer season of 1897.....	200 "	By resolution, Feb. 18, 1897.....	200 00
Berth at Battery Landing.....	New York & Monmouth Park Steamboat Co.....	Summer season of 1897.....	550 "	By resolution, Mar. 25, 1897.....	908 33
Berth for bath at Battery Wall, season 1896.....	William A. Hall.....	At pleasure of the Board.....	250 per mo.	By resolution, Apr. 23, 1896.....	
Berth for bath at Battery Wall, season 1897.....	William A. Hall.....	At pleasure of the Board.....	225 "	By resolutions, Apr. 23 and 29, 1897.....	
Pier, new 1.....	Iron Steamboat Co.....	May 1, 1891, to May 1, 1901.....	35,100 per ann.	By public sale, Mar. 22, 1881.....	35,100 00
Bulkhead between Pier, new 1, and Pier, old 1.....	William J. Murray.....	At pleasure of the Board.....	1,000 "	By resolution, Apr. 16, 1896.....	1,000 00
Reclaimed land south of Pier, old 1, 11,356 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	2,859 "	By resolutions, Oct. 17 and 24, 1895.....	2,859 00
Land under water for platform between Piers, old 1 and 2, 8,800 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	2,200 "	By resolutions, June 27 and Nov. 21, 1895.....	2,200 00
Land under water for extension to Pier, old 2, 75 square feet.....	Lehigh Valley R. R. Co.....	At pleasure of the Board.....	18.75 "	By resolution, Nov. 28, 1894.....	18 75
Land under water for platform between Piers, old 2 and 3, 15,560 square feet.....	Lehigh Valley R. R. Co.....	At pleasure of the Board.....	3,850 "	By resolutions, Aug. 25, 1886, and July 11 and Oct. 25 and 31, 1895.....	3,850 00
Land under water for platform between Piers, old 3 and 4, 13,363 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	3,340.86 "	By resolution, Apr. 26, 1894.....	3,340 88
Land under water for extension to bulkhead between Piers 3 and 6 and widening Piers 4 and 5, 97,789 square feet.....	Pennsylvania R. R. Co.....	May 1, 1893, to May 1, 1903.....	20,000 "	By resolution, Apr. 25, 1893.....	20,000 00
Land under water for platforms at bulkheads between Piers 6 and 8, 7,901 square feet.....	N. Y. & Baltimore Transportation Line.....	At pleasure of the Board.....	1,975.25 "	(By resolutions, Apr. 30, 1884, and Sept. 26, 1895.....	1,975 24
Land under water for platform south side Pier 8, 4,059 square feet.....	Central R. R. Co. of New Jersey.....	At pleasure of the Board.....	1,500 "	By resolution, Jan. 5, 1881.....	1,500 00
Land under water for extension to platform between Piers 8 and 9, 8,535 square feet.....	Cromwell Steamship Co.....	At pleasure of the Board.....	2,133.75 "	By resolution, Oct. 3, 1895.....	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, Apr. 30, 1884, and Oct. 10 and 17, 1895.....	1,113 76
Land under water for further extension to Pier 9, 2,274 square feet.....	Cromwell Steamship Co.....	At pleasure of the Board.....	568.50 "	By resolution, Oct. 5, 1896.....	259 00
Land under water for platform between Piers, old 9 and 10, 5,300 square feet.....	Cromwell Steamship Co.....	At pleasure of the Board.....	1,325 "	By resolutions, Aug. 1 and Oct. 25, 1895.....	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 Co.....	At pleasure of the Board.....	1,028 "	(By resolutions, July 26, 1882, and Oct. 17 and 24, 1895.....	1,028 00
Land under water for extension to Pier, old 11, 3,314 square feet.....	Metropolitan Steamship Co.....	At pleasure of the Board.....	828.50 "	By resolutions, Feb. 13, 1890, and Oct. 10 and 17, 1895.....	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 R. R. Co. of N. J.....	May 1, 1895, to May 1, 1905.....	53,850 "	By public sale, Apr. 15, 1895.....	53,850 00
Land under water for old platform south of Pier, old 16, 4,162 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	1,040.50 "	By resolution, Nov. 27, 1895.....	1,040 52
Land under water for extension to platform south of Pier, old 16, and also for extension to outer end of pier, 7,655 square feet.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	1,913.75 "	By resolution, Apr. 30, 1884, and minutes Sept. 12, 1895.....	1,913 76
Twenty-three feet of bulkhead south of former site of Pier, old 18, and 7,243 square feet of land under water.....	Pennsylvania R. R. Co.....	At pleasure of the Board.....	300 per mo.	By resolution, Feb. 28, 1895.....	2,600 00
Bulkhead, when completed, extending from a point 20 feet south of the northerly line of Cortlandt street southerly 23 feet.....	Pennsylvania R. R. Co.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	1,380 1st term 1,518 2d term 1,669.80 3d term	(By resolutions, Dec. 14, 1893, and Jan. 3, 1895.....	
Bulkhead from the northerly line of Cortlandt street southerly 20 feet.....	John H. Starin.....	Jan. 13, 1897, to Jan. 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, Dec. 14, 1893, Mar. 22, 1894, and Feb. 11, 1897.....	362 47
Bulkhead extending from a point 140 feet south of Pier, new 14, southerly a distance of 78 17 feet.....	John H. Starin.....	Nov. 1, 1894, to Jan. 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 Mar. 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 Co.....	Nov. 1, 1894, to Jan. 1, 1904, with privilege of renewal of ten years.....	\$1,800 1st term, and \$1,080 for renewal term.	By resolution, June 26, 1894.....	1,800 00
Washington Pier (new 14).....	International Navigation Co.....	Jan. 1, 1894, to Jan. 1, 1904, with privilege of renewal of ten years.....	\$56,831.08 1st term, and \$62,515.18 for renewal term.	By resolutions, Jan. 28 and Mar. 31, 1892, and May 10, 1894.....	56,832 00
Bulkhead, from a point 75 feet south of Washington Pier, to a point 87 1/2 feet north of said pier.....	International Navigation Co.....	Jan. 1, 1894, to Jan. 1, 1904, with privilege of renewal of ten years.....	\$4,500 1st term, and \$4,950 for renewal term.	By resolution, Feb. 16, 1893.....	4,500 00
Pier, new 15, excepting space for bell-tower, and bulkhead southerly.....	International Navigation Co.....	May 1, 1895, to May 1, 1905, with privilege of renewal term of ten years.....	\$25,000 1st term, and \$27,500 for renewal term.	By resolutions, Mar. 9, 1893, and Nov. 22, 1894.....	25,000 00
Space for bell tower at outer end of Pier, new 15.....	Hoboken Ferry Co.....	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 car-tracks.....	Metropolitan Street Railway Co.....	At pleasure of the Board.....		By resolutions, Oct. 8 and 22, 1896.....	75 00
Land under water for extension to Pier, old 25, and Pier, old 27, 13,741 square feet.....	N. Y. Central & Hudson R. R. Co.....	At pleasure of the Board.....	3,435.25 "	(By resolutions, July 30, 1891, and Sept. 26, 1895.....	3,435 28
Land under water for platforms between Piers, old 25 and 26, and 26 and 27, 31,568 square feet.....	N. Y. Central & Hudson R. R. Co.....	Aug. 1, 1876, at pleasure of the Board.....	7,892 "	(By resolutions, May 10, 1876, and Sept. 26, 1895.....	7,892 00
Land under water for platform between Piers, old 27 and old 28, 8,598 square feet.....	N. Y. Central & Hudson R. R. Co.....	Jan. 1, 1888, at pleasure of the Board.....	2,149.50 "	By resolution, Jan. 5, 1888.....	2,149 50
Land under water for platform on southerly side of Pier, old 28, 504 square feet.....	Old Colony Steamboat Co.....	Oct. 27, 1887, at pleasure of the Board.....	126 "	By resolution, Feb. 17, 1888.....	126 00
Land under water for extension of Pier, old 28, 16,275 square feet.....	Old Colony Steamboat Co.....	At pleasure of the Board.....	4,058.75 "	By resolution, June 9, 1892.....	4,058 76
Land under water for platforms, north of Pier, old 28, 7,990 square feet.....	Old Colony Steamboat Co.....	At pleasure of the Board.....	1,997.50 "	By resolutions, Oct. 27, 1887, and Dec. 3, 1896.....	2,531 13

Bulkhead between Piers, old 28 and new 19, 193 feet (133 feet completed).....	Old Colony Steamboat Co.....	Nov. 1, 1895, to Nov. 1, 1906, with privilege of two renewals of ten years each.....	\$7,500 1st term 7,875 2d term 8,258.75 3d term	By resolutions, June 29, 1893, and July 30, Aug. 6, and Dec. 3, 1896.....	\$1,457 66
Pier, new 19.....	Old Colony Steamboat Co.....	Dec. 1, 1894, to Dec. 1, 1904, with privilege of renewal of ten years.....	27,500 1st term 30,250 2d term	By resolutions, Nov. 3, 1892, and Nov. 23, 1894.....	27,500 00
Land under water for ferry-racks at northerly side of Pier, new 19, 5,603 square feet.....	N. Y., Lake Erie & Western R. R. Co.....	Feb. 5, 1894, at pleasure of the Board.....	4,000 per ann.	By resolution, July 28, 1892, (See minutes, Aug. 18, 1892)	4,000 00
Piers, new 20 and new 21, and 550 feet bulkhead northerly from the north side of Pier, new 19.....	N. Y., Lake Erie & Western R. R. Co.....	Aug. 1, 1891, to Aug. 1, 1901, with privilege of renewal of ten years.....	\$100,000 for present term. Renewal at appraised rental.....	By resolutions, July 14, 1875, and Aug. 12, 1881.....	100,000 00
Bulkhead northerly of Pier, new 21, 82½ feet (reservation for public bath).....	Charles Mulford.....	May 1, 1895, to May 1, 1908	1,500 per ann.	By resolution, Dec. 13, 1894.....	1,500 00
Pier, new 22, and bulkheads north and south of same.....	Baltimore and Ohio R. R. Co.....	Jan. 1, 1894, to Jan. 1, 1904, with privilege of renewal of ten years.....	\$47,000 1st term. \$50,700 for renewal term.....	By resolutions, Mar. 1 and May 11, 1893, and minutes, Jan. 11, 1894.....	47,000 00
Pier, new 23, and bulkheads north and south of same.....	West Shore R. R. Co.....	Oct. 1, 1891, to Oct. 1, 1901, with privilege of three renewals of ten years each.....	\$43,000 1st term 45,000 2d term 50,000 3d term 52,000 4th term	By resolution, Sept. 17, 1891.....	42,000 00
Bulkhead south of Pier, new 24, 80 feet.....	West Shore R. R. Co. sublet to Homer Ramsdell Transportation Co. and John G. Peene.....	May 1, 1890, to Feb. 1, 1899, with privilege of renewal of ten years.....	3,200 per ann.	By resolution Apr. 2, 1896.....	3,200 00
Pier, new 24.....	Homer Ramsdell.....	Feb. 1, 1889, to Feb. 1, 1899, with privilege of renewal of ten years.....	28,866.19 1st term 29,186.19 2d term	By resolutions, Nov. 27, 1878, Feb. 7, 1889, Apr. 14, May 12 and Sept. 29, 1892.....	28,686 20
Pier, new 25.....	Morgan's Louisiana & Texas R. R. & Steamship Co.....	Feb. 1, 1889, to Feb. 1, 1899, with privilege of renewal of ten years.....	33,388.11 1st term 33,955.87 2d term	By resolutions, Nov. 27, 1878, Jan. 11, 1883, and Oct. 23, 1890.....	33,388 12
Bulkhead northerly of Pier, new 25, 32 feet.....	Southern Pacific Co.....	May 1, 1894, to May 1, 1899	1,000 per ann.	Public sale, Apr. 27, 1894.....	1,000 00
Pier, new 26.....	Old Dominion Steamship Co.....	May 1, 1891, to May 1, 1901	34,039.07 "	By resolutions, Aug. 14, 1878, and Jan. 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 Co.....	May 1, 1891, to May 1, 1901	10,100 "	By resolution, Jan. 13, 1888.....	10,100 00
Piers, new 27 and new 28, and bulkhead between, 145 feet.....	Pennsylvania R. R. Co.....	Sept. 1, 1894, to Sept. 1, 1904	56,000 "	By resolution, May 25, 1889.....	56,000 00
Bulkhead northerly of Pier, new 28, 71 feet.....	Pennsylvania R. R. Co.....	Sept. 1, 1894, to Sept. 1, 1904	5,000 "	By resolutions, Feb. 27 and Apr. 25, 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 R. R. Co.....	Mar. 1, 1891, to Mar. 1, 1901, with privilege of renewal of ten years.....	7,000 1st term 7,700 2d term	By resolutions, Feb. 27 and Apr. 25, 1894.....	6,863 45
Pier, new 29.....	Pennsylvania R. R. Co. and others, assignees.....	Mar. 1, 1891, to Mar. 1, 1901, with privilege of renewal of ten years.....	30,000 1st term 30,500 2d term	By resolution, Nov. 27, 1878, (See minutes, Jan. 15 and Apr. 23, 1891).....	30,000 00
Land under water for platform south of Pier, old 40, 6,556 square feet.....	New Jersey R. R. and Transportation Co.....	At pleasure of the Board.....	1,639 per ann.	By resolutions, (Nov. 2, 1871, and Oct. 17, 1895).....	1,639 00
Pier, old 40.....	Norwich and New York Transportation Co.....	May 1, 1895, to May 1, 1899	38,000 "	By public sale, Apr. 15, 1895.....	38,000 00
Extension to outer end of Pier, old 41.....	N. J. Steamboat Co.....	At pleasure of the Board.....	1,000 "	By resolution, May 14, 1897.....	1,000 00
Dumping-board on southerly side of Pier, old 42.....	Brown & Fleming.....	At pleasure of the Board.....	2,800 "	By resolution of May 10, 1895.....	2,550 74
110 feet northerly inner end of Pier, old 42, and 27 feet of bulkhead northerly.....	Hunt & Donaldson.....	At pleasure of the Board.....	100 per mo.	By resolution, Feb. 13, 1897.....	100 00
100 feet wharfage room on north side of Pier, old 42, westerly of foregoing.....	E. W. Youmans.....	At pleasure of the Board.....	550 per ann.	By resolution, Feb. 25, 1897.....	982 51
Pier, new 34, and 75 feet bulkhead each side.....	Pacific Mail Steamship Co. sublet to Ocean Steamship Co. of Savannah and Southern Pacific Co.....	Sept. 1, 1889, to Sept. 1, 1899, with privilege of renewal of ten years.....	60,422.94 1st term Rental for extension of pier for renewal term to be hereafter determined.....	By resolutions, Apr. 2 and Sept. 8, 1889, Nov. 12, 1891, June 2, 1892, and Jan. 23, 1896.....	60,422 96
Bulkhead southerly of Pier, new 35, 75 feet.....	Ocean Steamship Co. of Savannah, Ga.....	At pleasure of the Board.....	\$600 per ann.	By resolution, May 3, 1895.....	900 00
Pier, new 35.....	Ocean Steamship Co. of Savannah, Ga.....	May 1, 1893, to May 1, 1903	40,650.04 "	By resolution, June 22, 1893.....	40,650 04
Bulkhead northerly of Pier, new 35, 81 feet.....	Ocean Steamship Co. of Savannah, Ga.....	At pleasure of the Board.....	\$75 per mo.	By resolution, Apr. 25, 1895.....	900 00
Pier, new 36.....	Providence and Stonington Steamship Co.....	Jan. 1, 1894, to June 1, 1901	34,910.50 per ann.	By resolution, Mar. 23, 1893.....	34,910 60
Bulkhead north and south of same.....	Providence and Stonington Steamship Co.....	To June 1, 1901.....	4,500 "	By resolution, Mar. 23, 1893.....	4,500 00
Pier, new 37.....	Southern Pacific Co.....	May 1, 1893, to May 1, 1903, with privilege of renewal of ten years.....	50,000 1st term 55,000 2d term	By resolution, Feb. 16, 1893.....	50,000 00
Bulkhead north and south of Pier, new 37.....	Southern Pacific Co.....	May 1, 1893, to May 1, 1903, with privilege of renewal of ten years.....	5,000 1st term 5,500 2d term	By resolution, Feb. 16, 1893.....	5,000 00
Pier, new 38, and bulkhead north and south of same.....	Oceanic Steam Navigation Co.....	Apr. 1, 1893, to Apr. 1, 1903, with privilege of renewal of ten years.....	44,250 1st term 48,675 2d term	By resolution, Mar. 9, 1893.....	44,250 00
Site for shed on bulkheads adjoining Pier, new 38.....	Oceanic Steam Navigation Co.....	From date of completion to Apr. 1, 1903, with privilege of renewal of ten years.....	4,000 per ann.	By resolution, Feb. 13, 1896.....	3,000 00
Bulkhead south of Pier, new 39, 95 feet.....	L. E. Muller.....	May 1, 1896, to May 1, 1897	1,650 "	By public sale, Apr. 14, 1896.....	1,337 50
Bulkhead south of Pier, new 39, 95 feet.....	L. E. Muller.....	May 1, 1897, to May 1, 1898	1,650 "	By public sale, Apr. 14, 1897.....	412 50
Pier, new 39.....	National Steamship Co. (Limited).....	May 1, 1891, to May 1, 1901, with privilege of renewal of ten years.....	33,400 1st term 39,072 2d term	By resolution, Apr. 23, 1891.....	33,400 00
Pier, new 40, including water rights at northerly side of said pier.....	Cunard Steamship Co. (Limited).....	May 1, 1893, to May 1, 1903, with privilege of renewal of ten years.....	36,500 1st term 40,150 2d term	By resolutions, July 27 and Dec. 14, 1893.....	36,500 00
Bulkhead north of Pier, new 40, with privilege of shedding.....	Cunard Steamship Co. (Limited).....	Feb. 1, 1896, to Feb. 1, 1898	3,250 per ann.	By resolution, Jan. 23, 1896.....	3,250 00
Pier, new 41.....	Delaware, Lackawanna and Western R. R. Co., assignees.....	Sept. 1, 1891, to Sept. 1, 1901	30,500 "	Renewal lease. (See minutes, Sept. 10, 1891).....	30,500 00
Bulkhead about 94 feet each side of Pier, new 41.....	Delaware, Lackawanna and Western R. R. Co.....	Sept. 1, 1891, to Sept. 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, Mar. 26, 1896.....	1,500 00
Reclaimed land south of Pier, new 42.....	Hudson Tunnel Railway Co.....	Nov. 1, 1887, at pleasure of the Board.....	2,000 "	By resolutions, Dec. 8, 1887, and July 25, 1895.....	2,000 00
Pier, new 42.....	Compagnie Generale Transatlantique.....	Nov. 1, 1891, to Nov. 1, 1901, with privilege of renewal of ten years.....	46,500 1st term 48,825 2d term	By resolution, Dec. 23, 1890.....	46,500 00
Two-thirds of Pier, new 43, except the northerly side.....	Catskill and New York Steamboat Co.....	At pleasure of the Board.....	6,666.66% per annum.....	By resolution, Apr. 2, 1896.....	6,666 68
One-third of Pier, new 43, except the northerly side.....	Saugerties and New York Steamboat Co.....	At pleasure of the Board.....	3,333.33% per annum.....	By resolution, Apr. 2, 1896.....	3,333 36
Use of reclaimed land near foot of Christopher street for car-tracks.....	Metropolitan Street Railway Co.....	At pleasure of the Board.....	\$100 per ann.	By resolutions, Mar. 21, 1895, and Mar. 25, 1897.....	25 00
Piers, new 44 and 45, including extensions and bulkhead between and one-half bulkhead north of Pier, new 45.....	Oceanic Steam Navigation Co.....	July 1, 1889, to July 1, 1899, with privilege of renewal of ten years.....	64,903.76 1st term 66,148.95 2d term	By resolutions, Feb. 14, 1889, Aug. 1, 1890, and Aug. 27, 1891.....	64,903 76
Bulkhead southerly of Pier, new 46, 78½ feet.....	Joseph Cornell.....	At pleasure of the Board.....	600 per ann.	By resolution, Apr. 16, 1896.....	600 00
Pier, new 46.....	Citizens' Steamboat Co. of Troy.....	May 1, 1889, to May 1, 1899, with privilege of renewal of ten years.....	33,517.40 1st term 36,507.40 2d term	By resolutions, Jan. 11, 1889, and Oct. 9, 1890.....	33,517 40
Pier, new 47, and bulkhead between Pier, new 46, and Pier, new 47.....	Quebec Steamship Co.....	May 1, 1891, to May 1, 1901	20,000 per ann.	By resolution, Oct. 2, 1890.....	20,000 00
Bulkhead along easterly side of approach to Pier, new 46, and Pier, new 47, 371½ feet from outer end.....	Quebec Steamship Co.....	At pleasure of the Board.....	945 "	By resolutions, Mar. 11 and Apr. 1, 1897.....	1,178 75
Berth for oyster boat at south side of Pier, old 54.....	Matthew Foster.....	At pleasure of the Board.....	33.33 per mo.	By resolution, July 30, 1896.....	266 64
Northerly half and outer end of Pier at West Twelfth street, with privilege of maintaining a dump.....	John A. Bouker.....	May 1, 1895, to May 1, 1898	2,300 per ann.	By public sale, Apr. 1, 1895.....	2,300 00
Pier, old 56.....	Lehigh Valley R. R. Co.....	May 1, 1895, to May 1, 1905	4,000 "	By public sale, Apr. 15, 1895.....	4,000 00
Bulkhead north of Pier, old 56.....	Lehigh Valley R. R. Co.....	At pleasure of the Board.....	1,200 "	By resolution, Oct. 12, 1896.....	900 00
Pier, old 56½.....	Lehigh Valley R. R. Co.....	At pleasure of the Board.....	3,200 "	By resolutions, Apr. 29 and May 20, 1897.....	.....
Permit for platform scales, etc., southerly of Pier at Little West Twelfth street.....	Cedar Hill Ice Co.....	At pleasure of the Board.....	3,000 "	By resolution, May 3, 1895.....	2,564 52
Pier at Little West Twelfth street.....	John L. Eccles.....	May 1, 1892, to May 1, 1897	1,400 "	By public sale, Apr. 5, 1892.....	1,400 00
Berth for three steamers at south side and end of Pier, old 59.....	New York & Long Branch Steamboat Co.....	At pleasure of the Board.....	2,000 "	By resolution, Apr. 23, 1897.....	.....
Berth for steamer at north side of Pier, old 59.....	Regua & Duell.....	At pleasure of the Board.....	1,000 "	By resolution, Apr. 23, 1897.....	.....
North side outer end and surface of Pier at West Thirteenth street.....	Consolidated Ice Co.....	Jan. 1, 1897, to Jan. 1, 1907	2,500 "	By public sale, Dec. 8, 1896.....	625 00
Land under water for platform, between Fourteenth and Fifteenth streets.....	Glisco Ice Co.....	At pleasure of the Board.....	261.50 "	By resolutions, Jan. 9 and Apr. 30, 1895.....	272 42
Pier at West Fifteenth street.....	Central R. R. Co. of New Jersey.....	Jan. 1, 1894, to Jan. 1, 1904	11,000 "	By public sale, Sept. 20, 1893.....	11,000 00
Land under water for transfer bridge at southerly half of block between Fifteenth and Sixteenth streets, about 6,250 square feet.....	Central R. R. Co. of New Jersey.....	Aug. 1, 1896, to Aug. 1, 1906	1,500 "	By public sale, July 16, 1896.....	1,250 00
Pier at West Sixteenth street.....	Bernard Campbell.....	May 1, 1895, to May 1, 1898	1,600 "	By public sale, Apr. 1, 1895.....	1,600 00
Office on Pier at West Sixteenth street.....	Baltimore & Ohio R. R. Co.....	At pleasure of the Board.....	50 "	By resolution, Oct. 8, 1895.....	25 00
Pier at West Seventeenth street.....	Baltimore & Ohio R. R. Co.....	At pleasure of the Board.....	4,500 "	By resolution, Apr. 16, 1895.....	4,500 00
Pier at West Eighteenth street.....	Robert S. Briggs.....	Sept. 1, 1892, to May 1, 1897	2,200 "	By public sale, Apr. 5, 1892.....	2,016 67
Pier at West Eighteenth street.....	Thomas Cunningham, assignee.....	May 1, 1897, to May 1, 1902	3,390 "	By resolution, May 4, 1897 and resolution, May 4, 1897.....	847 50
Land under water for platforms, between Nineteenth and Twentieth streets, 3,533 square feet.....	Knickerbocker Ice Co.....	At pleasure of the Board.....	883.25 "	By resolutions, Oct. 3 and November 7, 1895.....	883 32
Land under water for platforms, between Twentieth and Twenty-first streets, 2,850 square feet.....	Knickerbocker Ice Co.....	At pleasure of the Board.....	707.50 "	By resolutions, Oct. 3 and Nov. 7, 1895.....	.....
Pier at West Twenty-first street.....	H. & A. Allen.....	Feb. 1, 1892, to Feb. 1, 1902, with privilege of renewal of ten years.....	\$25,000 per ann. 27,500 per ann. for renewal term.....	By resolution, May 28, 1891.....	25,000 00
Pier at West Twenty-second street.....	A. Van Santvoord.....	May 1, 1896, to May 1, 1902	16,666.66% per ann.....	By resolution, Jan. 2, 1896.....	16,666 67
Land under water for platform and ferry racks, between West Twenty-second and West Twenty-third streets, 6,846 square feet.....	N. Y., Lake Erie & Western R. R. Co.....	Mar. 18, 1887, at pleasure of the Board.....	1,711.50 per ann.	By resolutions Oct. 20, 1886, and Jan. 7, 1887.....	1,711 50
Use of reclaimed land between Twenty-third and Twenty-fourth streets, in front of ferry premises for car tracks.....	Metropolitan Street Railway Co.....	At pleasure of the Board.....	\$180 per ann.	By resolution Mar. 19, 1897.....	45 00
Pier, new 54.....	Sanderson & Son, assignees, south side, sublet to Pennsylvania R. R. Co.....	Jan. 1, 1892, to Jan. 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	1,500 "	By resolution Mar. 14, 1895.....	1,600 00
Pier, new 55.....	Atlas Steamship (Co. Limited).....	May 1, 1893, to May 1, 1902	25,000 "	Renewal lease, minutes Mar. 3, 1892.....	25,000 00
Bulkhead between Piers, new 55 and 56.....	I. T. Williams & Sons, sublet to Baltimore & Ohio R. R. Co.....	July 1, 1894, to July 1, 1904, with privilege of renewal of ten years.....	2,250 1st term 2,475 2d term	By resolutions, Nov. 3, 1892, and Mar. 11, 1897.....	2,250 00
Pier, new 56.....	Simpson, Spence & Young, agents, south half sublet to Baltimore & Ohio R. R. Co.; north half sublet to Chas. Hill & Son.....	July 1, 1892, to July 1, 1902	30,000 per ann.	Renewal lease, minutes Mar. 24, 1892.....	30,000 00

Bulkhead between Piers, new 56 and 57	J. B. & J. M. Cornell	Oct. 1, 1896, to Oct. 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, 1896 (See minutes, Aug. 27, 1894)	\$2,500 00
New-made land between Twenty-fifth and Twenty-seventh streets, west of Thirteenth avenue	J. B. & J. M. Cornell	At pleasure of the Board	2,778.21 per ann.	By resolutions, Oct. 10 and 17, 1895, and Apr. 2, 1896, and Apr. 29, 1897	3,569 17
Pier, new 57	Terminal Warehouse Co., sublet to Panama R. R. Co.	Feb. 15, 1891, to Feb. 15, 1901, with privilege of renewal of ten years	25,000 1st term 27,500 2d term 150 per mo.	By public sale, Jan. 30, 1891, and resolution Nov. 7, 1895	25,000 00
Bulkhead between Piers, new 57 and 58	Terminal Warehouse Co.	At pleasure of the Board	150 per mo.	By resolution Oct. 17, 1895	1,800 00
Pier, new 58	John H. Starin, sublet to Delaware, Lackawanna & Western R. R. Co.	May 1, 1892, to May 1, 1902, with privilege of renewal of ten years	12,500 1st term 13,750 2d term 1,500 per ann.	By resolutions Apr. 14, 1892, and Nov. 9 and Dec. 23, 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 Apr. 23, 1897	.....
Pier, new 59	Jefferson Hogan, sublet to the Occident Dock Co.	Nov. 1, 1892, to Nov. 1, 1902, with privilege of renewal of ten years	12,500 1st term 13,750 2d term 166.66 per mo.	By resolution May 5, 1892 (See minutes, Sept. 29, 1892, and Feb. 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	1,999 92
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	N. Y. Central & Hudson R.R. R. Co.	May 1, 1891, to May 1, 1901, with privilege of renewal of ten years	56,000 1st term 61,100 2d term	By resolutions Jan. 28, 1887, and Nov. 13 and 20, 1890	56,000 00
Filled in land for structure, Thirty-fourth street, west of Twelfth avenue, 3,360 square feet	Scott & Co.	At pleasure of the Board	672 per ann.	By resolution, Nov. 27, 1895	672 00
Pier at West Thirty-sixth street	N. Y. Central and Hudson R. R. Co.	Oct. 8, 1894, to Oct. 8, 1904	20,000 "	By resolutions, Oct. 8, 1884, and July 3, 1894	20,000 00
Pier at West Thirty-seventh street	Pennsylvania R. R. Co.	July 1, 1891, to July 1, 1901, with privilege of two renewals of ten years each	10,000 1st term 11,000 2d term 12,000 3d term	By resolution, Jan. 30, 1891	10,000 00
Pier at West Thirty-eighth street	Pennsylvania R. R. Co.	Feb. 15, 1891, to Feb. 15, 1901, with privilege of two renewals of ten years each	10,000 1st term 11,000 2d term 12,000 3d term	By resolution, Jan. 30, 1891	10,000 00
Land under water for platform between Thirty-eighth and Thirty-ninth streets, 2,290 square feet	G. F. & E. C. Swift	At pleasure of the Board	572.50 per ann.	By resolution, Oct. 2, 1895	.....
Land under water for platform southerly about 66 feet from West Fortieth street, 924 square feet	John R. McPierson	May 15, 1887, at pleasure of the Board	231 "	By resolution, Feb. 4, 1887	231 00
Pier and temporary approach at West Fortieth street	Western Stock Yard Co.; lease assigned to Union Stock Yard and Market Co. of New York and Western Stock Yard and Market Association of New Jersey	May 1, 1892, to May 1, 1897	7,700 "	By public sale, Apr. 5, 1892	7,700 00
Bulkhead at West Forty-first street	Edwin M. Brown	May 1, 1897, to May 1, 1898	300 "	By public sale, Apr. 14, 1897	75 00
Land under water for widening and extension to Pier at West Forty-third street, 19,120 square feet	Consolidated Gas Co.	May 1, 1896, to May 1, 1897	300 "	By public sale, Apr. 14, 1896	225 00
Northerly 150 feet of bulkhead between Forty-third and Forty-fourth streets, with privilege of dumping-board	Knickerbocker Ice Co.	At pleasure of the Board	100 "	By resolutions, Sept. 25 and Nov. 21, 1873	100 00
Dumping-board on bulkhead between West Forty-third and West Forty-fourth streets	Albert H. Hastorf	May 1, 1896, to May 1, 1897	1,500 "	By public sale, Apr. 14, 1896	1,125 00
Pier at West Forty-fifth street	Albert H. Hastorf	At pleasure of the Board	1,800 "	By resolution, Apr. 15, 1897	.....
Pier at West Forty-sixth street, with privilege of dumping-board	New York Horse Manure Co.	May 1, 1892, to May 1, 1897	3,500 "	By resolution, Dec. 3, 1891	3,500 00
Dumping-board on north side of approach to Pier at West Forty-sixth street	New York Horse Manure Co.	May 1, 1897, to May 1, 1902	4,000 "	By public sale, Apr. 14, 1897	1,000 00
Space for ice-platform on north side of Pier at West Forty-seventh street	John A. Bouker	May 1, 1896, to May 1, 1897	3,500 "	By resolution, May 2, 1895, and public sale, Apr. 14, 1896	3,268 34
Pier and approach at West Forty-ninth street	John A. Bouker	At pleasure of the Board	75 per mo.	By resolution, Apr. 20, 1897	.....
Portable platform and derrick on Pier at West Forty-ninth street	Doherty & Hale	At pleasure of the Board	1,250 per ann.	By resolution, Mar. 25, 1897	312 50
Bulkhead south of West Fiftieth street about 83 feet	James Parks	Aug. 1, 1893, to Aug. 1, 1898	5,000 "	By resolution, July 13, 1893	5,000 00
Berth at pier foot of West Fiftieth street for yacht "Valiant"	N. Y. Lake Erie and Western R. R. Co.	Nov. 1, 1891, to Nov. 1, 1901	10,000 "	By resolution, Oct. 29, 1891	10,000 00
Bulkhead between West Fiftieth and West Fifty-first streets, 200 feet	N. Y. Lake Erie and Western R. R. Co.	Nov. 1, 1891, to Nov. 1, 1911	12,000 "	By resolution, Jan. 18, 1897	.....
Pier at West Fifty-fourth street and 230 feet of bulkhead southerly	William Brooks' Son Co.	At pleasure of the Board	10 "	By public sale, Apr. 15, 1895	500 00
Bulkhead between Fifty-fourth and Fifty-fifth streets	Henry Morrison	May 1, 1895, to May 1, 1898	500 "	By resolutions, Oct. 8, and Nov. 5, 1896	1,079 17
Dumping board at south side, inner end of Pier at West Fifty-fifth street	Central Ice Co.	Apr. 1, 1895, to Apr. 1, 1898	1,600 per ann.	By resolution, Mar. 14, 1895	1,600 00
Bulkhead northerly of West Fifty-fifth street, 110 feet	Consolidated Canal and Lake Co.	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, Apr. 1, 1897	.....
Pier at foot of West Fifty-eighth street, northerly side, end and surface of same	H. S. & A. H. Mott, assigned to Ruth A. Wallace	Apr. 1, 1895, to Apr. 1, 1905, with privilege of two renewals of ten years each	2,750 1st term 3,025 2d term 3,400 3d term	By resolution, Sept. 18, and Oct. 23, 1891, and Mar. 14, 1895	2,750 00
Beef and coal conveyors on bulkhead between Fifty-eighth and Fifty-ninth streets	Brown & Fleming	At pleasure of the Board	1,250 per ann.	By resolutions, June 14, Sept. 5, and Nov. 14, 1895	1,250 04
Land under water for site for Pier at West Fifty-ninth street, 26,700 square feet	E. C. Clifford & Co.	At pleasure of the Board	1,600 "	By resolutions, Mar. 14 and May 3, 1895	1,466 74
Extension of railroad track along bulkhead between Fifty-ninth and Sixtieth streets	Union Stock Yard and Market Co.	May 1, 1895, to May 1, 1901	3,300 "	By public sale, Apr. 14, 1896	2,475 00
Southerly half of bulkhead at West Sixtieth street, 30 feet	Eastmans Co.	At pleasure of the Board	100 per annum for each conveyor	By resolution, Aug. 1, 1895	200 00
Land under water between West Sixtieth and West Sixty-fifth streets, for erection of two piers, 373,663 square feet	N. Y. Central and Hudson River R. R. Co.	Nov. 1, 1892, to Nov. 1, 1902	2,800 per ann.	By resolution, May 23, 1890	2,800 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	Eastmans Co.	At pleasure of the Board	150 "	By resolution, Oct. 31, 1895	210 00
Dumping-board at Pier foot of West Seventy-ninth street	N. Y. Central and Hudson River R. R. Co.	May 1, 1895, to May 1, 1898	150 "	By public sale, Apr. 30, 1895	150 00
Permit to use and fence in 50 by 75 feet of upland in vicinity of Seventy-ninth street, N. Y.	N. Y. Central and Hudson River R. R. Co.	Aug. 1, 1894, to Aug. 1, 1904	7,000 "	By resolution, Apr. 23, 1884, and minutes, Jan. 11, 1894	7,000 00
Use of upland between West Seventy-ninth and West Eightieth streets, 50 by 75 feet	N. Y. Central and Hudson River R. R. Co.	Aug. 1, 1904, to Aug. 1, 1914	8,000 "	By resolution, Apr. 28, 1880	21,000 00
Bulkhead at foot of West Ninety-seventh street, about 60 feet	N. Y. Central and Hudson River R. R. Co.	May 1, 1890, to May 1, 1900	21,000 "	By resolution, May 2, 1895	975 00
Land under water for pipes, etc., foot of West Ninety-seventh street	John A. Bouker	May 1, 1900, to May 1, 1910	24,500 "	By resolution, Nov. 12, 1896	275 00
Land under water for pipe south of West Ninety-ninth street	James Thedford	At pleasure of the Board	600 "	By resolution, June 11, 1896	699 99
Land under water for platform north of West One Hundred and Eighth street	Thomas Ward	At pleasure of the Board	600 "	By resolution, Feb. 25, 1897	120 00
Pier at West One Hundred and Twenty-ninth street, except southerly side, used for dump of Street Cleaning Department	Metropolitan Street Railway Co.	At pleasure of the Board	60 per mo.	By resolution, Apr. 30, 1896	416 70
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets	William Brooks' Son Co.	At pleasure of the Board	500 per ann.	By resolution, Nov. 21, 1888, and Oct. 1, 1891	100 00
Bulkhead between Piers at West One Hundred and Thirty-first and West One Hundred and Thirty-second streets	National Transit Co.	At pleasure of the Board	100 "	By resolutions, Nov. 27 and Dec. 11, 1895	100 00
Bulkhead between West 131st and West 132d streets	Bernheimer & Schmid	June 10, 1888, at pleasure of the Board	601.50 "	By resolution, May 4, 1888	651 62
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets	McDermott & Co.	May 1, 1892, to May 1, 1897	700 "	By public sale, Apr. 5, 1892, and minutes, Sept. 18, 1893	700 00
Reclaimed lands between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets	McDermott & Co.	May 1, 1894, to May 1, 1899	625 "	By public sale, Apr. 27, 1894	625 00
Pier at West One Hundred and Thirty-third street	George Grossman	May 1, 1896, to May 1, 1897	1,000 "	By public sale, Apr. 14, 1896	708 33
Permit to land steamers at Pier at West One Hundred and Thirty-third street	George Grossman	May 1, 1897, to May 1, 1898	1,100 "	By public sale, Apr. 14, 1897	275 00
Pier at West One Hundred and Thirty-fourth street	William A. Wells	May 1, 1894, to May 1, 1899	300 "	By public sale, Apr. 27, 1894	300 00
Bulkhead and return at south half of West One Hundred and Thirty-fifth street	James Rogers	At pleasure of the Board	1,000 "	By resolution, Oct. 17, 1895	.....
Bulkhead at foot of West One Hundred and Forty-third street, with privilege to lay tracks across said street	Ramsdell Transportation Co.	May 1, 1892, to May 1, 1897	1,200 "	By public sale, Apr. 5, 1892	1,200 00
Berth for bath foot of West One Hundred and Fifty-first street	Ramsdell Transportation Co.	At pleasure of the Board	50 per mo.	By resolution, May 6, 1897	.....
Berth for bath houses at West One Hundred and Fifty-fifth street	M. M. McDermott	May 1, 1895, to May 1, 1898	300 per ann.	By public sale, Apr. 30, 1895	300 00
Berth for private bath house north of West One Hundred and Fifty-fifth street	G. C. Murphy	At pleasure of the Board	10 per mo.	By resolution, July 16, 1896	100 00
Berth for bath houses south of Pier at West One Hundred and Fifty-eighth street	N. Y. Central and Hudson R. R. Co.	At pleasure of the Board	100 per ann.	By resolution, Jan. 9, 1896	100 00
East River.	W. H. Jones	At pleasure of the Board	40 per mo.	By resolution, Sept. 5, 1895	480 00
Easterly half of Pier 4	Mrs. Ann E. Snook	At pleasure of the Board	150 per ann.	By resolution, Nov. 5, 1896	150 00
Easterly half of Pier 4	W. A. Skinkle & Wm. T. Drew	At pleasure of the Board	10 "	By resolution, July 2, 1896	10 00
Bulkhead and platform between Piers 4 and 5	Jacob Solomon	At pleasure of the Board	350 "	By resolutions, Dec. 5, 1895, and Apr. 23 and Sept. 24, 1896	350 00
Bulkhead between Piers 4 and 5	N. Y. Central and Hudson R. R. Co.	May 1, 1896, to May 1, 1897	4,840 per ann.	By public sale, Apr. 14, 1896	3,630 00
Bulkhead between Piers 5 and 6	N. Y. Central and Hudson R. R. Co.	May 1, 1897, to May 1, 1898	4,840 "	By public sale, Apr. 14, 1897	1,210 00
Pier 5	N. Y. Central and Hudson R. R. Co.	May 1, 1896, to May 1, 1897	1,225 "	By public sale, Apr. 14, 1896	918 75
Bulkhead between Piers 5 and 6	N. Y. Central and Hudson R. R. Co.	May 1, 1897, to May 1, 1898	1,225 "	By public sale, Apr. 14, 1897	300 25
Pier 5	N. Y. Central and Hudson R. R. Co.	May 1, 1896, to May 1, 1897	18,150 "	By public sale, Apr. 14, 1896	13,612 50
Bulkhead between Piers 5 and 6	N. Y. Central and Hudson R. R. Co.	May 1, 1897, to May 1, 1898	18,150 "	By public sale, Apr. 14, 1897	4,537 50
Pier, old 6	N. Y. Central and Hudson R. R. Co.	May 1, 1896, to May 1, 1897	1,225 "	By public sale, Apr. 14, 1896	918 75
Bulkhead between Piers, new 6 and 7, 97 feet	N. Y. Central and Hudson R. R. Co.	May 1, 1897, to May 1, 1898	1,225 "	By public sale, Apr. 14, 1897	306 25
West half of Pier, new 7	N. Y. Central and Hudson R. R. Co.	May 1, 1896, to May 1, 1897	9,000 "	By public sale, Apr. 14, 1896	6,750 00
Land under water for widening Pier new, 7	N. Y. Central and Hudson R. R. Co.	May 1, 1897, to May 1, 1898	9,000 "	By public sale, Apr. 14, 1897	2,250 00
Land under water to widen Pier 10, 2,000 square feet	N. Y. Lake Erie and Western R. R. Co.	At pleasure of the Board	400 "	By resolution, Apr. 26, 1895	209 96
Land under water for platform between Pier 16 and Pier 17, 7,097 square feet	N. Y. Lake Erie and Western R. R. Co.	May 1, 1888, to May 1, 1898	10,000 "	By public sale, Apr. 11, 1888	10,000 00
Berth at easterly half of Pier 18 to land the steamer "Chelsea"	N. Y. Lake Erie and Western R. R. Co.	Aug. 1, 1890, to May 1, 1898	1,500 "	By resolution, Mar. 7, 1889	1,500 00
Berth for loading cellar dirt at Pier 19 or bulkhead adjoining	J. M. Ceballos	Dec. 1, 1891, at pleasure of the Board	500 "	By resolution, May 14, 1891, and minutes, Dec. 7, 1891	500 00
Land under water for platform south of Pier 20, 660 square feet	N. Y. and Cuba Mail Steamship Co.	At pleasure of the Board	1,774.25 "	By resolution, Apr. 23, 1891	1,774 32
Easterly half of Pier 20, westerly half of Pier 21, with whole of surface in front of same	N. Y. and Cuba Mail Steamship Co.	May 1, 1892, to May 1, 1897	9,500 "	By public sale, Apr. 5, 1892	9,500 00
Land under water for platform between Piers 23 and 24	Norwich and N. Y. Propeller Co.	From January 29, 1897, at pleasure of the Board	350 per mo.	By resolution, May 13, 1897	.....
East half of Pier 24 and half the bulkhead adjoining	Bouker Contracting Co.	At pleasure of the Board	125 "	By resolution, Feb. 4, 1897	162 10
Pier 25 and 60 feet of bulkhead westerly, west half Pier 26 and bulkhead between Piers 25 and 26	N. Y. and Texas Steamship Co.	At pleasure of the Board	200 per ann.	By resolution, Mar. 27, 1878	200 00
Land under water for extension to platform between Piers 26 and 27, 1,784 square feet	N. Y. and Texas Steamship Co.	May 1, 1896, to May 1, 1901	17,380 "	By public sale, Apr. 14, 1896	13,035 00
Land under water for platforms easterly and westerly of Pier 27, 4,300 square feet	Fulton Market Fishmongers' Association	At pleasure of the Board	387.25 "	By resolutions, Dec. 5, 1895, and Feb. 6, 1896	193 64
Land under water for platform between Piers 32 and 33, etc., 10,489 square feet	Hartford and N. Y. Transportation Co.	May 1, 1896, to May 1, 1901	7,250 "	By public sale, Apr. 14, 1896	5,437 50
	New Haven Steamboat Co.	May 1, 1896, to May 1, 1901	13,200 "	By public sale, Apr. 14, 1896	9,900 00
	Baltimore and Ohio R. R. Co.	At pleasure of the Board	446 "	By resolutions, Mar. 25 and Apr. 15, 1897	.....
	Baltimore and Ohio R. R. Co.	Nov. 1, 1886, at pleasure of the Board	1,075 "	By resolution, Sept. 15, 1886	1,075 03
	Long Island R. R. Co.	At pleasure of the Board	2,622.25 "	By resolutions, Dec. 24, 1884, and Sept. 5, 1895	2,622 25

East half of Pier 33, west half of Pier 34, and bulkhead platform between	B. F. Clyde, sublet to Clyde Steamship Co.....	May 1, 1892, to May 1, 1897	\$8,000 per ann.	By public sale, Apr. 5, 1892, and Oct. 8, 1894, and resolution, Apr. 4, 1895.....	\$8,000 00
East half of Pier 33, west half of Pier 34 and bulkhead and platforms between..	B. F. Clyde, sublet to Clyde Steamship Co	May 1, 1897, to May 1, 1907.	9,000 "	By public sale, Oct. 8, 1894, and resolution Apr. 4, 1895	600 00
Land under water for platform westerly side of Pier 36, about 2,520 square feet.	Central Vermont Railroad Co.....	At pleasure of the Board...	600 "	By resolution, Dec. 13, 1894.....	3,000 00
Land under water for widening east side and extension to Pier 36, 15,885 square feet	George H. Penniman.....	May 1, 1889, to May 1, 1899	3,000 "	By public sale, Mar. 20, 1889.....	368 52
Land under water for temporary platform adjoining westerly side of Pier 38, 1,594 square feet.....	Maine Steamship Co.....	Aug. 1, 1888, at pleasure of the Board	338.50 "	By resolution, Nov. 10, 1887.....	12,000 00
Pier, old 38 and half of bulkhead westerly.....	Maine Steamship Co.....	June 1, 1892, to June 1, 1897	12,000 "	By public sale, May 9, 1892.....	13,000 00
Pier, old 38 and half of bulkhead westerly, etc.....	Maine Steamship Co.....	June 1, 1897, to June 1, 1907	13,000 "	By resolutions, May 14 and Aug. 6, 1896.....	587 13
Extension to Pier, old 38, 2,733 square feet.....	Maine Steamship Co.....	At pleasure of the Board...	683.25 "	By resolutions, Nov. 22, 1894, and Apr. 25, 1895.....	698 50
Land under water for platform north of Pier 38, 3,048 square feet.....	Maine Steamship Co.....	At pleasure of the Board...	762 "	By resolution, June 16, 1875, and Sept. 12, 1895.....	587 52
Land under water for platform south of Pier 39, 2,350 square feet.....	Peter Charles.....	At pleasure of the Board...	587.50 "	By resolution, Mar. 7, 1895.....	451 92
Land under water for platform easterly of Pier 39, 1,808 square feet.....	Bridgeport Steamboat Co.....	At pleasure of the Board...	452 "	By resolution of Aug. 30, 1894	444 75
Land under water for platform westerly of Pier 40, 1,779 square feet.....	Old Colony Steamboat Co.....	At pleasure of the Board...	444.75 "	By resolution of Aug. 2, 1894.....	12,500 00
Pier 40.....	Old Colony Steamboat Co.....	From Aug. 1, 1894, until removal for new pier	100 "	By resolution, July 16, 1896.....	250 00
Freight shed on Pier, new 32.....	North and East River Steamboat Co	At pleasure of the Board...	250 "	By resolution, Dec. 8, 1892.....	195 60
Undivided ninth part Pier, old 42.....	N. Y. Dry Dock & Repair Co.....	June 1, 1890, to June 1, 1900, with privilege of two renewals of ten years each.....	714 1st term 742.56 2d term 771.12 3d term	By resolution, Aug. 10, 1888, and minutes, Mar. 9, 1893.....	1,602 72
Land under water for platform between Piers 42 and 43, 782 square feet.....	N. Y., New Haven and Hartford R. R. Co., 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, Nov. 9, 1888, and minutes, Mar. 9, 1893.....	15,000 00
Land under water for widening Pier, old 45, 2,856 square feet.....	N. Y., New Haven and Hartford R. R. Co., assignee.....	Dec. 31, 1888, to Dec. 31, 1898, with privilege of renewal of ten years.....	15,000 per ann. 17,000 "	By resolution, May 12, 1892, and minutes July 21, 1892.....	159 24
Land under water for extension, Pier 49, 637 square feet.....	N. Y., New Haven and Hartford R. R. Co.....	At pleasure of the Board...	159.25 "	By resolutions, Nov. 22, 1880, July 21, 1886, and Sept. 12, 1895.....	4,770 00
Land under water for platform north of Pier 49, 4,220 square feet.....	N. Y., New Haven and Hartford R. R. Co., assignee.....	Jan. 1, 1881, at pleasure of the Board	1,055 "	By resolution, May 26, 1880.....	2,681 28
Land under water for platform at bulkhead south of Pier 50, 19,080 square feet.	N. Y., New Haven and Hartford R. R. Co	At pleasure of the Board...	4,770 "	By resolution, May 7, 1874, and Nov. 6, 1879.....	8,000 00
Land under water for platform between Piers 50 and 51, 10,725 square feet.....	Harlem River and Port Chester R. R. Co.....	At pleasure of the Board...	2,681.25 "	By public sale, Sept. 20, 1877.....	2,194 52
East half of Pier 51, west half of Pier 52, and bulkhead, etc., between.....	N. Y., New Haven and Hartford R. R. Co.....	May 1, 1888, to May 1, 1898	8,000 "	By resolution, Sept. 11, 1890, and minutes, Aug. 4, 1892.....	1,856 52
Land under water for platform between Piers 51 and 52, including shed, 8,378 square feet.....	N. Y., New Haven and Hartford R. R. Co.....	Dec. 30, 1890, to May 1, 1898	2,194.50 "	By resolutions, Feb. 7 and Apr. 25, 1895.....	125 00
Land under water for platform west of Pier, old 53, 7,426 square feet.....	Duryea Bros	At pleasure of the Board...	1,856.50 "	By public sale, Apr. 14, 1896.....	150 00
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 public sale, Apr. 14, 1896.....	37 50
Easterly half of Pier 53.....	John W. Sullivan.....	May 1, 1896, to May 1, 1897	200 "	By public sale, July 16, 1896.....	75 00
Easterly half of Pier 53.....	John W. Sullivan.....	May 1, 1897, to May 1, 1901	200 "	By public sale, Apr. 14, 1897.....	23 00
Westerly half of Pier 54 and bulkhead between Piers 52 and 54.....	John W. Sullivan.....	Aug. 1, 1896, to May 1, 1901	30 "	By public sale, Apr. 14, 1897.....	100 00
Bulkhead foot of Corleais street, 60 feet	John W. Sullivan.....	May 1, 1896, to May 1, 1897	100 "	By public sale, Apr. 14, 1897.....	150 00
Bulkhead foot of Corleais street, 60 feet	John A. McCarthy.....	May 1, 1897, to May 1, 1898	100 "	By resolution, Apr. 16, 1896.....	1,273 77
Bulkhead foot of Cherry street, 50 feet	Lawrence Son & Gerrish.....	May 1, 1896, to May 1, 1897	100 "	By public sale, Apr. 5, 1892.....	450 00
Bulkhead foot of Cherry street, 50 feet	Lawrence Son & Gerrish.....	May 1, 1897, to May 1, 1898	100 "	By resolutions, Sept. 17 and Oct. 29, 1896.....	675 00
North half of Pier, old 56, south half of Pier, old 57 and bulkhead between.....	Hecker-Jones-Jewell Milling Co.....	At pleasure of the Board...	1,500 "	By public sale, Apr. 14, 1897.....	225 00
Northerly half of Pier, old 58 and bulkhead northerly.....	Joseph K. Smith.....	May 1, 1895, to May 1, 1898	2,100 "	By resolution, Apr. 15, 1897.....	25 00
Pier 60 and bulkhead northerly, 200 feet.....	John A. McCarthy.....	May 1, 1892, to May 1, 1897	1,500 "	By public sale, Apr. 14, 1897.....	150 00
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 resolutions, Sept. 17 and Oct. 29, 1896.....	150 00
Use of new made land between Piers 60 and 61.....	Murtagh & McCarthy.....	At pleasure of the Board...	300 "	By public sale, Apr. 14, 1897.....	225 00
Northerly half and outer end of Pier, old 61.....	Eitel & Son.....	May 1, 1896 to May 1, 1897	900 "	By resolution, Apr. 15, 1897.....	25 00
Northerly half and outer end of Pier, old 61.....	Eitel & Son.....	May 1, 1897, to May 1, 1898	900 "	By resolutions, Dec. 6, 1894, and May 2, 1895.....	1,500 00
Use of new made land between Piers 61 and 62.....	James Shewan & Sons	At pleasure of the Board...	100 "	By resolutions, Dec. 6, 1894, and May 3, 1895.....	700 00
South half of Pier 62 and bulkhead southerly, about 200 feet.....	James Shewan & Sons.....	At pleasure of the Board...	3,500 "	By resolutions, Apr. 30, 1896.....	935 72
One hundred and fifteen feet of the northerly side, inner end, of Pier 62, and sixty feet of bulkhead on Stanton street	H. A. Peck & Co.....	At pleasure of the Board...	1,500 "	By resolutions, Aug. 30, 1893, and Sept. 13 and Nov. 28, 1894, and May 3, 1895.....	750 00
One hundred and thirty feet of bulkhead (adjoining H. A. Peck & Co.) on the northerly side of Pier 62.....	John T. Welch.....	At pleasure of the Board...	1,500 "	By resolutions, Aug. 30, 1893, and Sept. 13 and Nov. 28, 1894, and May 3, 1895.....	2,250 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, Mar. 8, 1892, and May 3, 1895.....	1,500 00
Ice bridge, etc., on Pier at Fifth street.....	Hazelwood Ice Co.....	At pleasure of the Board...	1,200 "	By resolution, Apr. 27, 1892.....	583 07
Northerly half of Pier at Eighth street.....	Emeline Roach.....	At pleasure of the Board...	62.50 per mo.	By resolution, Jan. 23 and Apr. 9, 1896.....	240 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 public sale, Apr. 5, 1892.....	2,750 00
Northerly half of Pier at foot of Tenth street and southerly half of Pier at foot of Eleventh street.....	Estate of George Law.....	At pleasure of the Board...	1,500 per ann.	By resolution, Apr. 23, 1897.....	1,400 00
Bulkhead at East Fourteenth street, 110 feet	Murray & Co.....	May 1, 1892, to May 1, 1897	525 "	By resolution, May 2, 1895.....	1,375 00
Bulkhead at East Fourteenth street, 110 feet	Murray & Co.....	At pleasure of the Board...	525 "	By resolution, June 11, 1896.....	300 00
Bulkhead at East Fifteenth street, 65 feet	Consolidated Gas Co.....	May 1, 1894, to May 1, 1899	300 "	By resolution, May 14, 1890.....	4,000 00
Bulkhead between East Seventeenth and East Eighteenth streets.....	Murray & Co.....	At pleasure of the Board...	125 "	By public sale, Jan. 30, 1891.....	3,075 00
Pier at East Eighteenth street, with reservation for public bath.....	Carroll Box and Lumber Co.....	May 1, 1895, to May 1, 1900, with privilege of renewal of 5 years	4,000 1st term Renewal at appraised rental	By resolution, Oct. 25, 1894.....	130 00
Bulkhead foot of East Twenty-second street	Brooklyn and New York Ferry Co.....	Feb. 15, 1891, to Feb. 15, 1901, with privilege of renewal of ten years	\$150 1st term 185 2d term	By public sale, Mar. 22, 1881.....	4,500 00
Bulkhead south of East Twenty-fourth street, north of ferry premises.....	Greenpoint Ferry Co.....	June 1, 1881, to June 1, 1891, (holding over).....	4,100 per ann.	By resolution, Oct. 27, 1892.....	583 07
Bulkhead between East Twenty-fifth and East Twenty-sixth streets.....	Candee & Smith.....	Nov. 1, 1894, to Nov. 1, 1904, with privilege of renewal of ten years	4,500 1st term 5,000 2d term	By resolution, Jan. 23 and Apr. 9, 1896.....	240 00
Berth at Pier foot of East Twenty-eighth street, for steamer "Wanderer".....	Manhattan State Hospital.....	At pleasure of the Board...	75 per mo.	By public sale, Apr. 5, 1892.....	2,750 00
Bulkhead at East Thirtieth street, 60 feet	William Hastorf.....	May 1, 1894, to May 1, 1899	250 per ann.	By resolution, Apr. 23, 1897.....	1,400 00
Dumping-board at foot of East Thirtieth street	William Hastorf.....	At pleasure of the Board...	20 per mo.	By resolution, May 2, 1895.....	1,375 00
Pier at foot of East Thirty-first street	Joseph V. Brown.....	May 1, 1892, to May 1, 1897	2,750 per ann.	By resolution, June 11, 1896.....	300 00
Northerly side of Pier at East Thirty-first street	Al. Foster Steamboat Co.....	At pleasure of the Board...	100 per mo. May to Sept., 75 per mo. Oct. to Apr.	By public sale, Apr. 14, 1896.....	825 00
Pier at foot of East Thirty-second street	J. H. Starin.....	May 1, 1892, to May 1, 1897	1,400 per ann.	By resolution, Apr. 16, 1896.....	125 04
Southerly side of Pier at East Thirty-third street.....	Knickerbocker Ice Co.....	At pleasure of the Board...	125 per mo.	By public sale, Apr. 14, 1897.....	375 00
Northerly side of Pier at East Thirty-third street.....	William Turner.....	At pleasure of the Board...	25 "	By resolution, Dec. 10, 1896.....	109 87
Bulkhead foot of East Thirty-sixth street, 60 feet	Popham & Co.....	May 1, 1895, to May 1, 1898	300 per ann.	By resolutions, Apr. 30, 1891, and May 2, 1895.....	2,000 00
Pier at East Thirty-seventh street (with reservation for public bath).....	Baltimore & Ohio R. R. Co.....	May 1, 1896, to May 1, 1897	1,100 "	By public sale, Apr. 1, 1895.....	150 00
Ice bridge, etc., at Pier foot of East Thirty-seventh street	J. N. Briggs.....	At pleasure of the Board...	125 "	By resolution July 23, 1896.....	198 48
Pier at East Thirty-seventh street (with privilege of maintaining ice bridge).....	Baltimore & Ohio R. R. Co.....	May 1, 1897, to May 1, 1898	1,500 "	By public sale, Apr. 1, 1895.....	325 00
Southerly half of bulkhead between East Thirty-eighth and East Thirty-ninth streets.....	Henry A. Peck & Co.....	At pleasure of the Board...	200 per ann.	By public sale, Apr. 1, 1895.....	50 00
Bulkhead and dump at East Thirty-ninth street.....	Long Island Land Fertilizing Co.....	May 1, 1891, at pleasure of the Board	2,000 "	By resolution, Oct. 24, 1895.....	150 00
Bulkhead at foot of East Fortieth street, 60 feet.....	Equitable Gas-light Co.....	May 1, 1895, to May 1, 1898	150 "	By resolution, Apr. 16, 1896.....	550 00
Bulkhead at foot of East Forty-first street, 60 feet.....	Equitable Gas-light Co.....	May 1, 1895, to May 1, 1898	110 "	By resolution, Oct. 24, 1895.....	150 00
Bulkhead at foot of East Forty-second street, 60 feet.....	John Gallagher.....	At pleasure of the Board...	250 "	By public sale, Apr. 5, 1892.....	525 00
Bulkhead at foot of East Forty-third street, 60 feet.....	Lehigh Valley R. R. Co.....	May 1, 1895, to May 1, 1898	325 "	By public sale, June 7, 1893.....	150 00
Bulkhead at foot of East Forty-fourth street, 65 feet.....	Lehigh Valley R. R. Co.....	May 1, 1895, to May 1, 1898	50 "	By resolution, Sept. 1, 1887.....	250 00
Bulkhead at East Forty-fifth street.....	Owens & Co.....	At pleasure of the Board...	550 "	By resolution, Apr. 30, 1884.....	200 00
Bulkhead at East Forty-sixth street, 60 feet.....	Charles A. Stadler.....	At pleasure of the Board...	150 "	By resolution, Apr. 30, 1884.....	200 00
Bulkhead at East Forty-seventh street, 60 feet.....	Brown & Fleming.....	May 1, 1892, to May 1, 1897	525 "	By public sale, Apr. 5, 1892.....	525 00
Land and land under water in front of southerly half of block between East Fifty-fourth and East Fifty-fifth streets, 6,701 square feet.....	Consumers' Brewing Co.....	July 1, 1893, to July 1, 1898	150 "	By public sale, Apr. 5, 1892.....	525 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 Co.....	Privilege of renewal 5 years	150 "	By public sale, Apr. 5, 1892.....	525 00
Land under water for coal-hoist near the bulkhead on northerly side of East Fifty-sixth street, 859 square feet.....	G. D. Curtis.....	July 1, 1893, to July 1, 1898	150 "	By public sale, Apr. 5, 1892.....	525 00
Site for bulkhead between East Fifty-sixth and East Fifty-seventh streets.....	Schmidt & Koehne.....	Privilege of renewal 5 years	150 "	By public sale, Apr. 5, 1892.....	525 00
Land under water between East Fifty-ninth and East Sixtieth streets, about 11,548 square feet.....	New York Steam Co.....	At pleasure of the Board...	250 "	By resolution, Sept. 1, 1887.....	250 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.....	Aug. 1, 1896, to Aug. 1, 1906, with privilege of two renewals of 10 years each.....	1,000 per ann. 1st term..... 1,100 per ann. 2d term..... 1,210 per ann. 3d term.....	By resolution, Apr. 30, 1884.....	750 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 Bros.....	At pleasure of the Board...	600 per ann.	By resolution, May 17, 1895.....	600 00
Bulkhead at foot of East Sixty-third street, 65 feet	Neidlinger & Sons.....	May 1, 1895, to May 1, 1898	500 "	By resolution, May 9, 1895.....	600 00
Bulkhead between East Sixty-third and East Sixty-fourth streets, 235 feet.....	Adam Neidlinger, assignee.....	June 1, 1892, to June 1, 1902	700 "	By public sale, Apr. 1, 1895.....	500 00
Land under water for bulkhead northerly of East Seventy-fourth street, 2,354 square feet.....	Thomas Patten.....	At pleasure of the Board...	429.12 "	By public sale, May 9, 1892, and minutes, Feb. 23, 1893.....	700 00
Bulkhead platform between East Seventy-eighth and East Seventy-ninth streets, 190 feet.....	William N. Bavie.....	May 1, 1896, to May 1, 1897	1,800 "	By resolutions, Nov. 21, 1877, and Oct. 17 and Nov. 14, 1895.....	429 12
Bulkhead platform, between East Seventy-eighth and East Seventy-ninth streets, about 190 feet, with ice bridge privilege.....	Consolidated Ice Co.....	May 1, 1897, to May 1, 1903	2,000 "	By public sale, Apr. 14, 1896, and resolution, Apr. 16, 1896.....	1,350 00
Bulkhead platform, etc., between East Seventy-ninth and East Eightieth streets	Nathaniel Wise.....	At pleasure of the Board...	500 "	By public sale, Apr. 14, 1897.....	500 00
Land under water for bulkhead between East Eighty-second and East Eighty-third streets.....	G. Knoche.....	At pleasure of the Board...	1,500 per ann.	By resolution, Apr. 29, 1897.....	1,125 00
Bulkhead at East Ninety-third street, 75 feet.....	Knickerbocker Ice Co.....	May 1, 1896, to May 1, 1897	1,500 "	By public sale, Apr. 14, 1896.....	375 00
Bulkhead at East Ninety-third street, with privilege of maintaining ice bridge.....	Consolidated Ice Co.....	May 1, 1897, to May 1, 1898	\$2,250 per ann. to May 1, 1898, and \$2,500 per ann. to May 1, 1903.....	By resolution, Apr. 13, 1893.....	2,250 00

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

At Warren Street Section, "from north side of Pier, old 28, N. R., to north side of Pier, old 20, N. R.," under resolution of May 25, 1893.....	\$12 64	\$73,630 65
At Lighthouse Section, "from a point 95 feet north of the north side of Pier, new 20, N. R., to the north side of Vestry street," under resolution of July 12, 1895.....	34 32	.....
At Perry Street Section, "from the middle of Pier, old 54, N. R., foot of Perry street, to the south side of West Eleventh street," under resolution of February 17, 1895.....	37,266 79	43,015 53
At Gansevoort Section, "from the northerly side of Pier, new 46, N. R., near the foot of Charles street, to and including Gansevoort street," under resolution of July 12, 1895.....	45,771 01	45,839 69
At West Twenty-third Street Section (south end), "from the north line of West Twenty-third street, extended, to a point about 150 feet north of the north line of West Twenty-seventh street, extended,".....	2,136 61	.....

For construction of the bulkhead-wall and improvements rear of it, etc., viz:

At West Thirty-fourth Street Section, "from the northerly end of the West Thirty-third Street Section, as now built, to the north line of West Thirty-fourth street, N. R.," under resolution of March 11, 1897.	\$2,762 81	\$2,762 81
At West Fifty-second Street Section, "from a point 83 feet and 10 inches south of West Fifty-third street to the north side of West Fifty-fifth street," under resolution of June 20, 1895.	40,542 42	485,287 86
At Stanton Street Section, "from the south side of Rivington street to the north side of Stanton street, E. R."	255 16	113,923 79
At Bellevue Section, "from the north side of East Twenty-sixth street to the north side of East Twenty-eighth street, E. R."	38 22	148,432 97
At East Ninety-first Street Section, "from the south side of East Ninety-first street to the north side of East Ninety-second street, E. R.," under resolution of June 20, 1895.	24,034 54	96,169 02
At East Ninety-fourth Street Section, "from the south side of East Ninety-fourth street to the north side of East Ninety-fifth street, E. R."	87 87	113,053 12
At East Ninety-sixth Street Section, "from the south side of East Ninety-sixth street to the middle of the block between East Ninety-sixth and East Ninety-seventh streets, E. R."	34 88	57,522 21
At East Ninety-ninth Street Section, "from the south side of East Ninety-ninth street, E. R., to the north side of East One Hundredth street, H. R.," under resolution of June 20, 1895.	24,096 41	79,400 30
At East One Hundred and Second Street Section, "from the south side of East One Hundred and First street to the north side of East One Hundred and Fourth street, H. R."	3 00	240,575 33
At East One Hundred and Sixteenth Street Section, "from the south side to the north side of East One Hundred and Sixteenth street, H. R.," under resolution of May 20, 1896.	36,279 06	36,826 03
For construction of crib-bulkhead, etc., in Sherman's creek, H. R.	103,286 70	105,878 58
For examination of the river bottom from East Eighteenth to East Twenty-second streets, E. R.	175 02	236 65
For paving the Marginal street along the North river.	5,288 67	496,427 63
For paving the Marginal street along the Harlem river.	772 65	772 65
For construction of piers:	515 53	515 53
At West Thirty-fourth street, N. R.	16 30	16 30
Removal of the pier and appurtenances near foot of Catharine Slip, known as Pier 35, E. R., preparatory to construction of new pier.	1,473 80	1,473 80
At East One Hundred and Twelfth street, Harlem river.	67 21	67 21
At East One Hundred and Sixteenth street, Harlem river.	13,171 88	13,171 88
Total.	\$338,811 46	

ON CONSTRUCTION ACCOUNT—NEW PLAN—TEMPORARY WORK.

	1896-7.	TO DATE.
Pier, old 56½, N. R., between Gansevoort and Bogart streets.	\$5,364 96	\$5,364 96
Pier, old 58½, N. R., between Bloomfield and Little West Twelfth streets.	4,965 69	4,965 69
Extension of Pier, old 59, N. R., foot of Little West Twelfth street, to pier-head line of 1890.	197 39	197 39
Total.	\$10,528 04	

ON CONSTRUCTION ACCOUNT—NOT NEW PLAN.

	1896-97.	TO DATE.
Extension of Pier at West One Hundred and Twenty-ninth street, N. R.	\$203 86	\$203 86
Extension of Pier at West One Hundred and Thirty-first street, N. R.	11,780 03	11,780 03
Extension of Pier at West One Hundred and Thirty-second street, N. R.	737 48	737 48
Crib-bulkhead, from about the centre of West One Hundred and Thirty-fifth street to centre of block between West One Hundred and Thirty-sixth and West One Hundred and Thirty-seventh streets, N. R.	467 61	467 61
Rebuilding of Pier 44, E. R., foot of Rutgers Slip.	57 50	57 50
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, H. R.	43 91	127,469 83
For Health Department.		
For Departments of Charities and of Correction.		
Pier at westerly side of Hart's Island (Contract No. 559).	6,454 69	6,454 69
Coal Pier at Randall's Island (Contract No. 541, etc.).	7,428 21	7,463 26
For Department of Street Cleaning.		
Foundations for storage and dumping bins at East Seventeenth street (Contract No. 529).	4,271 57	4,332 92
Recreation Buildings.		
On the Pier at the foot of East Third street, E. R.	28,666 19	28,666 19
Total.	\$60,360 30	

ON REPAIRS AND MAINTENANCE ACCOUNT.

	REPAIRS, ETC.	DREDGING.	TOTALS.
Platform at Battery Wall, near Barge Office.	\$533 12		\$533 12
Boat landing and bulkhead east of Pier "A."	737 58		737 58
Pier "A," near foot of Battery place, N. R.	1,761 38		1,761 38
Building on Pier "A," N. R.	10,520 12		10,520 12
Bulkhead wall between Pier "A" and Pier, new 1, N. R.	63 08		63 08
Pier, new 15, between Vesey and Barclay streets, N. R.	160 26	\$412 50	572 76
Bulkhead-wall, between Piers, new 21 and new 22, foot of Jay street, N. R.		71 74	71 74
Temporary Pier at Canal street, N. R.	2,261 03		2,261 03
Pier, new 38, foot of King street, N. R.	3,339 74		3,339 74
Pier, new 39, foot of West Houston street, N. R.	840 04		840 04
Pier, new 40, foot of Clarkson street, N. R.	4,931 71		4,931 71
Bulkhead-wall between Piers, new 41 and new 42, N. R.	18 84		18 84
Pier, new 42, foot of Morton street, N. R.	4,681 76		4,681 76
Bulkhead-wall, between Piers, new 42 and new 43, N. R.	19 54		19 54
Pier, new 43, foot of Barrow street, N. R.	3,732 44		3,732 44
Pier, new 44, foot of Christopher street, N. R.	1,769 33		1,769 33
Pier, new 45, foot of West Tenth street, N. R.	2,871 68		2,871 68
Pier, new 46, near foot of Charles street, N. R.	3,771 70		3,771 70
Approach to Piers, new 46 and new 47, N. R.	140 68		140 68
Pier, new 47, between Charles and Perry streets, N. R.	1,278 24		1,278 24
Bulkhead between West Tenth and Charles streets, N. R.	11 55		11 55
Bulkhead between Charles and Perry streets (oyster-basin), N. R.	140 37		140 37
Pier, old 54, foot of Perry street, N. R.	849 14		849 14
Temporary care of and insurance on buildings and property, being acquired under condemnation proceedings, between West Eleventh and Gansevoort streets, N. R.	6,611 97		6,611 97
* Pier at West Eleventh street, N. R.	83 43		83 43
* Bulkhead foot of Bank street, N. R.	58 12		58 12
* Bulkhead between Bank and Bethune streets, N. R.	63 42		63 42
* Pier at Bethune street, N. R.	17 60		17 60
* Pier at West Twelfth street, N. R.	216 50		216 50
* Pier at Horatio street, N. R.	203 26		203 26
Pier, old 57, north of Bogart street, N. R.	235 25		235 25
Bulkhead between Piers, old 57 and old 58, N. R.	343 90		343 90
Pier, old 58, north of Bloomfield street, N. R.	303 87		303 87
Bulkhead between Piers, old 58 and old 59, N. R.	115 54		115 54
Pier, old 59, foot of Little West Twelfth street, N. R.	21 65		21 65
Pier at foot of West Thirtieth street, N. R.	1,608 48		1,608 48
Pier at foot of West Sixteenth street, N. R.	365 03		365 03
Pier at foot of West Nineteenth street, N. R.	220 44		220 44
Pier at foot of West Twentieth street, N. R.	95 99		95 99
Bulkhead-wall between West Twenty-third and West Twenty-fourth streets (float), N. R.	214 59		214 59
Pier, new 56, north of West Twenty-sixth street, N. R.	31 96		31 96
Pier, new 57, north of West Twenty-seventh street, N. R.	1,304 84		1,304 84
Pier, new 58, north of West Twenty-eighth street, N. R.	2,497 32		2,497 32
Pier, new 59, north of West Twenty-ninth street, N. R.	6,080 74		6,080 74
Pier, new 60, at foot of West Thirtieth street, N. R.	1,460 02		1,460 02
Temporary care of and insurance on property, acquired under condemnation proceedings, between West Thirty-third and West Thirty-fourth streets, N. R.	394 26		394 26
Pier at foot of West Thirty-fourth street, N. R.	3 10		3 10
Pier at foot of West Thirty-fifth street, N. R.	182 49		182 49
Water-front at foot of West Thirty-ninth street, N. R.	1,909 16		1,909 16
Pier at foot of West Fortieth street, N. R.	110 69		110 69
Bulkhead between West Forty-second and West Forty-third streets (float), N. R.	244 52		244 52
Pier at foot of West Forty-third street, N. R.	2 24		2 24
Bulkhead between West Forty-third and West Forty-fourth streets, N. R.	325 86		325 86
Pier at foot of West Forty-fourth street, N. R.	2,013 12		2,013 12
Pier at foot of West Forty-fifth street, N. R.	2,083 29		2,083 29
Pier at foot of West Forty-sixth street, N. R.	20 80		20 80
Pier at foot of West Forty-seventh street, N. R.	1,366 91		1,366 91
Small Pier north of West Forty-eighth street, N. R.	30 57		30 57
Pier at foot of West Fiftieth street, N. R.	825 96		825 96
Pier at foot of West Fifty-first street, N. R.	142 12		142 12
Pier at foot of West Fifty-second street, N. R.	189 90		189 90
Pier at foot of West Fifty-fourth street, N. R.	512 60		512 60
Pier at foot of West Fifty-fifth street, N. R.	100 65		100 65
Pier at foot of West Fifty-sixth street, N. R.	1,213 48		1,213 48
Bulkhead-wall between West Fifty-sixth and West Fifty-seventh streets, N. R.	215 22		215 22

* Removed to make way for improvements.

Pier at foot of West Fifty-seventh street, N. R.	\$137 89	\$3,010 30	\$3,148 19
Bulkhead-wall between West Fifty-seventh and West Fifty-eighth streets, N. R.		415 91	415 91
Bulkhead at foot of West Seventy-seventh street, N. R.		112 13	112 13
Bulkhead between West Seventy-seventh and West Seventy-eighth streets, N. R.	116 54	840 60	957 14
Bulkhead at foot of West Seventy-eighth street, N. R.		341 74	341 74
Bulkhead between West Seventy-eighth and West Seventy-ninth streets, N. R.		589 38	589 38
Pier at foot of West Seventy-ninth street, N. R.	110 11	471 44	581 55
Bulkhead between West Seventy-ninth and West Eightieth streets, N. R.	208 20		208 20
Bulkhead at foot of West Eightieth street, N. R.	37 05		37 05
Bulkhead at foot of West Ninety-sixth street, N. R.	110 59	116 71	227 30
Pier at West One Hundred and Twenty-ninth street, N. R.	92 93	98 83	191 76
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets, N. R.		168 17	168 17
Platform at foot and north of West One Hundred and Thirtieth street, N. R.	132 62	160 10	292 72
Pier at West One Hundred and Thirty-first street, N. R.	149 64	91 20	240 84
Bulkhead between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets, N. R.	149 54	66 30	215 84
Pier at West One Hundred and Thirty-second street, N. R.	299 10	300 40	599 50
Bulkhead between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets, N. R.	102 70	86 13	188 83
Pier at West One Hundred and Thirty-eighth street, N. R.	122 86		122 86
Pier at West One Hundred and Fifty-second street, N. R.	143 47		143 47
Pier at West One Hundred and Fifty-fifth street, N. R.	191 05		191 05
Pier at West One Hundred and Fifty-eighth street, N. R.	28 46	845 87	874 33
Pier, old 4, near foot of Broad street, E. R.		697 75	697 75
Bulkhead between Piers, old 4 and old 5, E. R.		101 99	101 99
Pier, old 5, near foot of Broad street, E. R.		1,744 98	1,744 98
Bulkhead between Piers, old 5 and old 6, E. R.		272 92	272 92
Pier, old 6, at lower side of Coenties Slip, E. R.		3,095 04	3,095 04
Bulkhead between Piers, old 6 and new 6, E. R.		65 09	65 09
Pier, new 6, at upper side of Coenties Slip, E. R.	1,651 03	1,926 38	3,577 41
Bulkhead between Piers 11 and 12, at Old Slip, E. R.	50 59		50 59
Pier 12, lower half, near foot of Old Slip, E. R.	944 27		944 27
Pier 18, upper half, near foot of Maiden Lane, E. R.		206 66	206 66
Pier 19, lower half, near foot of Fletcher street, E. R.	494 64	18 66	513 30
Pier 20, at lower side of Burling Slip, E. R.		1,069 20	1,069 20
Bulkhead between Piers 20 and 21, at foot of Burling Slip, E. R.		230 71	230 71
Pier 21, at upper side of Burling Slip, E. R.		1,232 47	1,232 47
Pier 35, at upper side of Catherine Slip, E. R.	1,269 47		1,269 47
Bulkhead between Piers 35 and 36, E. R.	85 97		85 97
Pier, new 29, at lower side of Market Slip, E. R.	1,123 59		1,123 59
Pier, new 32, at upper side of Pike Slip, E. R.	575 70		575 70
Pier 43, at the lower side of Rutgers Slip, E. R.	388 69		388 69
Pier 44, at upper side of Rutgers Slip, E. R.	236 40		236 40
Pier 48, at foot of Clinton street, E. R.	832 56	1,049 98	1,882 54
Bulkhead at foot of Cherry street, E. R.		123 34	123 34
Pier 55, near foot of Grand street, E. R.	594 58		594 58
Pier 61, between Rivington and Stanton streets, E. R.	366 26		366 26
Pier at foot of Stanton street, E. R.	89 20		89 20
Pier at foot of East Third street, E. R.	381 09		381 09
Crib-bulkhead at foot of East Fourth street, E. R.	3,436 96		3,436 96
Pier at foot of Fifth street, E. R.	9,259 00		9,259 00
Bulkhead between East Seventeenth and East Eighteenth streets, E. R.		54 18	54 18
Bulkhead foot East Twentieth street, E. R.		150 52	150 52
Pier at East Twenty-fourth street, E. R.	445 53		445 53
Bulkhead-wall between East Twenty-fourth and East Twenty-fifth streets, E. R.		738 64	738 64
Bulkhead-wall between East Twenty-fifth and East Twenty-sixth streets, E. R.		483 64	483 64
Pier at East Twenty-eighth street, E. R.	737 60		737 60
Pier at foot of East Twenty-ninth street, E. R.	332 43		332 43
Bulkhead at foot of East Thirtieth street, E. R.		62 47	62 47
Pier at foot of East Thirty-third street, E. R.	178 24		178 24
Pier at upper half of East Thirty-fifth street, E. R.	14 60		14 60
Pier at foot of East Thirty-seventh street, E. R.	22 00		22 00
Pier at foot of East Thirty-eighth street, E. R.	588 26		588 26
Pier at foot of East Forty-sixth street, E. R.	155 86		155 86
Bulkhead at foot of East Forty-seventh street, E. R.	7 71		7 71
Bulkhead at foot of East Forty-eighth street, E. R.	3 00		3 00
Crib-bulkhead at foot of East Fifty-fourth street, E. R.	331 00	13 33	344 33
Platform between East Sixtieth and East Sixty-first streets, E. R.	328 27		328 27
Pier at foot of East Sixty-first street, E. R.	208 43		208 43
Platform between East Sixty-first and East Sixty-second streets, E. R.	57 69	20 63	78 32
Pier at foot of East Sixty-second street, E. R.	189 01		189 01
Platform between East Sixty-second and East Sixty-third streets, E. R.	204 07	33 23	237 30
Platform at foot of East Seventy-fifth street, E. R.	140 31		140 31
Bulkhead at foot of East Seventy-sixth street, E. R.	327 13		327 13
Pier at foot of East Seventy-ninth street, E. R.	331 76		331 76
Water-front between East Eightieth and East Eighty-fourth streets, E. R.	1,588 67		1,588 67
Lower Pier at foot of East Eighty-sixth street, E. R.	146 55		146 55
Bulkhead between the Piers at East Eighty-sixth street, E. R.	97 02		97 02
Upper Pier at foot of East Eighty-sixth street, E. R.	247 98		247 98
Bulkhead north of upper Pier at East Eighty-sixth street, E. R.	56 11		56 11
Pier at foot of East Ninety-first street, E. R.	268 21		268 21
Pier at foot of East Ninety-fourth street, E. R.	447 37		447 37
Bulkhead between East Ninety-fourth and East Ninety-fifth streets, E. R.	150 75		150 75
Pier at foot of East Ninety-fifth street, E. R.	644 00		644 00
Pier at foot of East Ninety-sixth street, E. R.	16 99		16 99
Bulkhead between East Ninety-sixth and East Ninety-seventh streets, E. R.	78 50		78 50
Pier at foot of East One Hundredth street, H. R.	227 95		227 95
Bulkhead at foot of East One Hundred and Third street, H. R.		54 86	54 86
Bulkhead between East One Hundred and Third and East One Hundred and Fourth streets, H. R.		154 82	154 82
Bulkhead foot East One Hundred and Fourth street, H. R.		92 04	92 04
Bulkhead foot East One Hundred and Fifth street, H. R.	205 18	164 40	369 58
Bulkhead foot East One Hundred and Sixth street, H. R.	164 19		164 19
Bulkhead foot East One Hundred and Seventh street, H. R.	14 50		14 50
Pier at East One Hundred and Tenth street, H. R.	621 98		621 98
Bulkhead between East One Hundred and Fourteenth and East One Hundred and Fifteenth streets, H. R.	152 65		152 65
Pier at East One Hundred and Seventeenth street, H. R.	161 56	120 63	282 19
Pier at East One Hundred and Nineteenth street, H. R.		723 63	723 63
Platform at East One Hundred and Twentieth street, H. R.	72 57		72 57
Bulkhead foot East One Hundred and Twenty-fifth street, H. R.	88 05		88 05
Bulkhead foot East One Hundred and Twenty-ninth street and Second avenue, H. R.	152 54		152 54
Bulkhead foot East One Hundred and Thirty-eighth street, H. R.	240 33		240 33
Bulkhead foot East One Hundred and Thirty-ninth street, H. R.	83 75		83 75
Bulkhead foot East One Hundred and Fortieth street, H. R.	138 06		138 06
Pier at East One Hundred and Fortieth street, H. R.	19 04		19 04
Water-front between Fifth and Seventh avenues, H. R.	603 50		603 50
Platform at Depot place, H. R.	823 67		823 67
Wharf structure at foot of East One Hundred and Thirty-eighth street, Port Morris.	168 98		168 98
Platform, formerly known as the "Town Dock," at foot of Seventh street, Unionport, Westchester creek.	1,271 58	160 53	1,432 11
Bulkhead foot of Main street, West Chester, Westchester creek.	1,037 34	209 62	1,246 96
Pier at foot of Third avenue, Eastchester creek.	610 88		610 88
Platform at foot of Willow avenue, Bronx Kills (removal of).	162 39		162 39
Pier at foot of Willow lane, between Eastchester Bay and Throggs Neck.	347 54		347 54
Pier at Fordham avenue, City Island.	1,018 68		1,018 68
Marginal street along North river. Pavement repaired.	8,025 62		8,025 62
Marginal street along Harlem River. Pavement repaired.	164 76		164 76
Cleaning the wharves, piers and bulkheads, heads of slips and portions of streets and places by law committed to the custody and control of the Department of Docks, as provided by section 7, chapter 269, Laws of 1892.			
Removing dirt and rubbish (53 weeks)	39,022 86		
Removing snow and ice.	5,141 30		44,884 40
Sprinkling Marginal street along North river.	720 24		
For Charities and Correction Departments.			
Pier at foot of East Twenty-sixth street, E. R.	641 25		
Berth for steamboat "Fidelity," East Twenty-sixth street, E. R.	24 15		
Landing between East Fifty-first and East Fifty-second streets, E. R.	409 50		
Landing at East Seventieth street, E. R.	81 96		
Landing at East One Hundred and Twentieth street, H. R.	94 85		
Piers, etc., at Blackwell's Island	469 03		
Piers, etc., at Randall's Island	206 82		
For Fire Department.			1,927 62
Berths for fire-boats at Battery Wall and at Fifth street, E. R.	\$456 85		456 85
For Health Department.			
Landing at East One Hundred and Thirty-eighth street, Port Morris.	339 39		
Pier, etc., at North Brother Island.	718 19	337 69	1,386 27
For Police Department.			
Mooring piles for float between Pier "A" and Pier, new 1, N. R.	100 33		
Crane foundation between Pier "A" and Pier, new 1, N. R.	602 71		
For Public Works Department.			703 04
Berths for and approaches to public baths.	\$602 68		602 68
For Street Cleaning Department.			
Dumping-board at Canal street, N. R.		134 25	
Dumping-board at West Twelfth street, N. R.		306 82	
Dumping-board at West Nineteenth street, N. R.		401 05	
Dumping-board at West Thirtieth street, N. R.		394 42	
Dumping-board at West Forty-seventh street, N. R.		496 80	
Dumping-board at West One Hundred and Twenty-ninth street, N. R.		738 37	

Dumping-board at Pier 44, Rutgers Slip, E. R.	\$409 14	
Dumping-board at East Seventeenth street, E. R.	25 78	
Dumping-board at East Thirty-eighth street, E. R.	597 11	
Dumping-board at East Forty-sixth street, E. R.	104 45	
Dumping-board at East Eightieth street, E. R.	268 69	
Dumping-board at East One Hundred and Tenth street, H. R.	175 04	
Dumping-board at Lincoln avenue, H. R.	15 54	
Recreation Buildings.		
On Pier at West Thirty-fourth street, R. N.	\$65 00	
On Pier at West Fifty-second street, N. R.	65 00	
		130 00
Total	\$138,014 38	\$76,597 61

ON ACQUIRED WHARF PROPERTY ACCOUNT.

For bulkhead, 100 feet in length, next northerly of Beach street (from Theodore Timpson and others).	\$108,190 10	
For property between Watts and Canal streets.	1,401 18	
For bulkhead, 23 feet in length, between Perry and West Eleventh streets (from Charles N. and Emory F. Lane).	10,434 95	
For property between West Eleventh and Bank streets.	1,685 10	
For block between Bank and Bethune streets, south half.	7,247 56	
For block between Bank and Bethune streets, north half (from Louisa M. Gerry and Thomas G. Patterson).	584,544 02	
For block between Bethune and West Twelfth streets.	1,648 27	
For block between West Twelfth and Jane streets.	868 85	
For block between Jane and Horatio streets.	1,177 66	
For block between Horatio and Gansevoort streets.	1,485 20	
For block between West Thirty-third and West Thirty-fourth streets, north half (from Edmund Coffin, Rebecca S. Mills and Carrie E. B. Tripp).	115,877 66	
For block between West Thirty-fourth and West Thirty-fifth streets.	127 00	
For property between West Forty-first and West Forty-second streets.	108 55	
For property between West Forty-second and West Forty-third streets.	280 04	
For property opposite Riverside Park.	3,665 38	
For property at Pike and Rutgers streets.	94 60	
For property between East One Hundred and Fourth and East One Hundred and Fifth streets.	1,116 62	
Total		\$839,952 74

ON GENERAL EXPENSE ACCOUNT.

Salaries of the Commissioners.		\$15,000 00
Office of the Engineer-in-Chief.		
<i>Salaries.</i>		
Engineer-in-Chief and Assistants.	\$27,511 64	
Clerks.	3,875 00	
Copyist.	1,200 00	
Draftsmen.	7,797 98	
Temporary Stenographers and Typewriters.	1,387 50	
Searcher of Water Grants.	2,400 00	
Stationery Custodian.	1,500 00	
Laborers.	1,805 00	
		\$47,477 12
<i>Stationery and Printing.</i>		
Blank books, miscellaneous stationery and typewriter supplies.	\$1,251 42	
Renewals of typewriters.	127 25	
		1,378 67
<i>Office Furniture.</i>		
Repairs to furniture, solar printing machine, etc.	\$123 35	
New document case, chairs, etc.	157 82	
		281 17
<i>Sundries.</i>		
Drawing materials, maps, charts, etc., for Draughtsmen.	\$373 89	
Postage stamps.	150 00	
Car-fares—Messengers.	54 99	
		578 88
Office of the Board of Consulting Engineers.		49,715 84
<i>Resolutions November 11 and 14, 1895.</i>		
Salaries of Engineers.	\$1,525 00	
Expenses of Engineers.	175 30	
Salary of Stenographer.	1,066 67	
Tug at service of Engineers.	21 38	
Telegrams, etc.	2 07	
		2,790 42
Work Yards and Offices.		
Chambers Street Office.	\$9,299 39	
West Eleventh Street Office.	405 32	
West Fifty-seventh Street Yard.	\$12,293 10	
West Fifty-seventh Street Yard (Resolution June 20, 1895).	340 45	
		12,633 55
East Twenty-fourth Street Yard.	\$13,714 50	
East Twenty-fourth Street Yard (Secretary's Order No. 13903).	421 78	
		14,136 28
Dock Masters' Offices.		36,534 54
Repairs, supplies, gas, etc.	\$309 77	
Watching.	11,883 83	
		12,283 60
Floating Property.		
General care of.	\$8,123 99	
Salaries—Superintendent of Machinery and Foreman Ship Carpenter.	\$3,300 00	
Police Department charges for testing boilers.	48 00	
Car-fares.	77 29	
Maintenance and supplies—Machine Shop.	925 52	
Office.	2,029 06	
		6,379 87
Tug "Manhattan"—Repairs, supplies and crew's wages.	\$7,271 59	
Tug "Pier"—Repairs, supplies and crew's wages.	8,452 82	
Tug "Pier"—Repairs under resolution May 29, 1896.	10,376 81	
		26,101 22
Derrick "City of New York"	\$8,923 45	
Twelve-ton derricks, Nos. 1, 2 and 3.	1,335 31	
Ten-ton derrick.	211 03	
		10,469 79
Pile-drivers (16).	\$1,051 92	
Deck scows.	953 40	
Fitting up scow "H" with sleeping and living accommodations (Secretary's Order No. 16556).		2,005 32
Diver's scows and apparatus.	87 51	
Borer "Woodcock".	683 96	
Steam and naphtha launches.	3,312 45	
Skiffs, yawls and bateaux.	731 10	
Insurance—Tug "Manhattan".	\$318 13	
" "Tug "Pier".	468 75	
" "Derrick "City of New York".	450 00	
" "Twelve-ton Derrick No. 1.	67 50	
" " " "No. 2.	92 00	
" " " "No. 3.	92 00	
" "Ten-ton derrick.	18 00	
		1,506 38
New Plant—Land-boring machine.	\$247 70	
" "Pile-driver ways—30 feet.	228 09	
" "Two yawls (Secretary's Order No. 16745).	118 01	
" "Expenses connected with proposed purchase of a tug.	13 84	
		617 64
Sundries.		66,260 12
"Obtaining and preparing and maintaining an accurate record of the depth of water in all slips and basins and at all piers and bulkheads within the jurisdiction of the Department," in accordance with resolution of September 19, 1883.	\$5,554 93	
Examination and inspection of work done, or to be done, by the lessees, owners and others, under order of or permit from the Board.	4,348 94	
Survey of water-front of territory annexed under chapter 934, Laws of 1895 (Secretary's Order No. 16636).	11,406 06	
Sundry surveys on North, East and Harlem rivers.	12,765 13	
Preparing and placing deck-scows in position for use of sailors and soldiers attending the dedication of the Grant Monument on April 27, 1897, under Secretary's Order No. 17115.	\$436 96	
Erecting reviewing-stand on Riverside Drive, and removing same after dedication, under Secretary's Order No. 17167.	284 88	
		721 84
Stenographic report of proceedings before the Harbor Line Board, in the matter of extending pierhead line on North river.	15 00	
Rafting, lotting and advertising old materials for auction sale.	204 94	
Tests of specimens of granite from New York State quarries.	50 30	
Tests of sample of concrete from the wall at East One Hundred and Sixteenth street.	8 05	
Automatic tide-gauges.	1,468 36	
Car-fares of President and employees to Albany.	707 55	
Expenses of Assistant Engineers.	84 42	
Roundsmen—Wages, \$1,008.59; car-fares, \$333.09.	2,242 58	
Roundsmen—rents and services.	2,633 08	
Telephone rents and services.	33 25	
Tug at service of City Paymaster.	1,986 97	
Truck pound.	29 94	
Placing floats in position for use of sailors and soldiers on Decoration Day.		44,261 34
Total		\$226,845 86

ON ANNUAL EXPENSE ACCOUNT.

Office of the Board.		
<i>Salaries.</i>		
Secretary's Room—Secretary.	\$4,200 00	
" Assistant Secretary.	2,200 00	
" Clerks.	8,975 00	
" Stenographers and Typewriters.	2,737 50	
" Laborers.	3,800 71	
		\$21,913 21
Treasurer's Room—Clerks.	\$3,966 64	
" Collector.	1,825 00	
		5,791 64
Dock Superintendent.	\$2,500 00	
Dock Masters.	25,641 67	
Executive and Confidential Clerk.	2,200 00	
Laborer (in hall).	900 00	
		31,241 67
Office Furniture.		\$58,946 52
New furniture.	\$193 25	
Repairs to.	4 88	
		198 13
Stationery and Printing.		
Blank books, miscellaneous stationery and typewriter supplies.	\$5,799 81	
Printing "Minutes of the Board" and "Index".	2,354 60	
Printing and binding "Annual Report," 1895.	819 16	
Printing and binding "Annual Report," 1896.	772 36	
		9,745 93
Sundries.		
Advertising sale of leases.	\$268 50	
Car-fares.	279 01	
Filing maps in Register's office.	1 00	
Ice.	60 20	
Law books and Legislative documents.	195 50	
Newspapers.	168 08	
Postage stamps.	555 15	
Road maps.	2 00	
Telegrams.	3 98	
Toilet articles.	102 27	
		1,635 69
Total		\$70,526 27

ON MISCELLANEOUS ACCOUNT.

Pavement on the Marginal street along the North river opened to permit repairs of water and gas pipes, etc., at cost and expense of lessees, owners and others, viz.:		
For Borden & Lovell.	Sec. Order 16512..	\$165 95
For H. C. Calkin, Jr.	" 16796..	11 94
For Central Crossestown Railroad Company.	" 16386..	7 62
For Consolidated Gas Company.	" 15898..	3 00
" "	" 15935..	75
" "	" 15942..	75
" "	" 16166..	41 27
" "	" 16166..	39 79
" "	" 16337..	9 06
" "	" 16891..	10 14
" "	" 16938..	11 50
For R. T. Foster (total, \$70.64).	" 16054..	3 75
For Thomas T. Kelly.	" 16210..	12 70
" "	" 17041..	4 21
For Gustav Muller.	" 16854..	16 02
For L. E. Muller.	" 16166..	22 27
For New York, Lake Erie and Western Railroad Company.	" 16324..	72 35
For Old Colony Steamboat Company.	" 14687..	4 96
For O'Brien and Ryder.	" 16680..	36 38
For William Simonson.	" 16694..	8 78
" "	" 16901..	3 81
For Southern Pacific Company.	" 16448..	1,490 24
For R. P. and J. H. Staats.	" 16381..	1,043 81
For West Shore Railroad Company.	" 16464..	204 61
Repairs and alterations to piers, bulkheads, pavements, etc., at cost and expense of lessees, owners and others, viz.:		
For Baltimore and Ohio Railroad Company—Repairs to Pier foot West Seventeenth street.	Sec. Order 16196..	12 70
For Baltimore and Ohio Railroad Company—Repairs to Pier foot West Seventeenth street.	" 16472..	478 78
For Eliza G. Board—Repairs to bulkhead easterly of Jackson street.	" 16540..	38 64
For Catskill and New York Steamboat Company—Alterations on Pier, new 43, N. R.	" 16233..	105 20
For Commercial Cable Company—Alterations at Pier "A."	" 16763..	122 85
For Conron Brothers—Repairs at foot Little West Twelfth street.	" 16360..	31 75
For Cornell Towing Line—Repairs to Pier at Bogart street.	" 16309..	15 61
For Farmers Loan and Trust Company—Dredging at bulkhead south of Pier, old 54, N. R. (total, \$492.80).	" 15384..	119 57
For Gardner Estate—Repairs to bulkhead easterly of Jackson street.	" 16340..	85 34
For owners of Steamship "Ghazee"—Repairs to Pier 29, E. R.	" 16283..	50 05
For M. Goodwin—Repairs to Pier at East Twenty-eighth street.	" 16493..	1 80
For Benjamin Griggs—Alterations on Pier at West Thirtieth street.	" 16205..	23 58
For P. Holland—Repairs to Pier at West Thirtieth street.	" 16795..	192 83
For Lessees—Repairs to Pier, new 43, N. R. (total, \$848.94).	" 16083..	149 14
For Lessees—Repairs to Pier at West One Hundred and Thirty-fourth street.	" 15507..	195 26
For Lessees—Repairs to Pier at West Forty-seventh street (total, \$210.61).	" 16184..	205 61
For George Morton—Alterations on Pier, old 54, N. R.	" 17039..	45 33
For Morris & Cumings Dredging Co.—Repairs to Pier, old 54, N. R.	" 17098..	31 66
For James D. McEntee—Pavement at West Ninety-seventh street relaid.	" 16221..	2 19
For owner of schooner "James McLaughlin"—Repairs to engine-house on Pier at East Twenty-fifth street (total, \$7.45).	" 16062..	6 00
For Manhattan State Hospital—Alterations on Pier at East Twenty-eighth street.	" 16409..	201 10
For I. P. Meserau and others—Alterations on Pier, old 54, N. R.	" 16408..	114 25
For I. P. Meserau and others—Alterations on Pier, old 54, N. R.	" 16797..	13 96
For New York Steam Company—Placing steam hoist on scow.	" 16891..	29 48
For New York, Lake Erie and Western Railroad Company—Repairs to Pier at West Thirty-fourth street.	" 17049..	3 22
For New York Central and Hudson River Railroad Company—Repairs to bulkhead between Piers, new 57 and new 58, N. R.	" 16942..	24 51
For New York and East River Ferry Company—Removing rock from river bottom between East Ninety-second and East Ninety-third streets (see Minutes, July 23, 1896).		1,000 00
For Old Colony Steamboat Company—Improvements at Murray street.		77 13
For the "Palmer Dock," of Brooklyn—Repairs to Pier at East Third street.	Sec. Order 16278..	9 78
For Pennsylvania Railroad Company—Repairs to temporary pier at Canal street.	" 16256..	847 49
For Portchester Transportation Company—Alterations on Pier, new 32, E. R.	" 16203..	48 28
For owners of barge "Powhatan" and tug "Henry D. McCoy"—Repairs to bulkhead along centre line extended of East Seventeenth street.	" 16222..	62 29
For John H. Starin—Improvements at Dey street, resolution February 21, 1894 (total, \$37,295.12).		223 30
For Thomas White—Repairs to bulkhead foot West One Hundred and Fifty-seventh street, H. R.	Sec. Order 16454..	66 08
Testing cement for owners.		28 80
Total		\$7,892 12

SUMMARY.

New materials, supplies, tools and fabricated concrete blocks on hand and accounts in suspense at close of year 1896.	\$127,441 87
Requisitions made upon the Comptroller for year 1897, viz.:	
For bills and claims for materials furnished, for work done and for wharf property acquired.	\$1,280,382 38
For wages on 53 weekly pay-rolls.	\$291,556 77
For salaries on 12 monthly pay-rolls.	167,823 09
	459,379 86
Charges for use of Department's floating plant (resolution February 21, 1894).	\$192 53
Charges for reused materials and supplies (Engineer's Order No. 17781).	1 65
	194 18
Total to be accounted for	\$1,867,398 29

Expenditures for Construction—New Plan—North river.....	\$145,047 57	
" " East river.....	50,968 55	
" " Harlem river.....	153,323 38	
" Not New Plan—North river.....	\$13,188 98	\$349,339 50
" " East river.....	28,723 69	
" " Harlem river.....	43 91	
" " Other Departments.....	18,403 72	
Expenditures for Repairs and Maintenance Account—North river.....	\$106,684 31	60,360 30
" " East river.....	43,517 16	
" " Harlem river.....	5,503 64	
Expenditures for Repairs and Maintenance Account—Annexed Territory (chapter 934, Laws 1898).....	4,818 56	
Expenditures for Repairs and Maintenance Account—Cleaning and Sprinkling.....	44,884 40	
" " Other Departments.....	9,203 92	
Expenditures for Acquired Wharf Property.....		214,611 90
Expenditures for General Expense Account.....		\$39,952 74
Expenditures for Annual Expense Account.....		226,845 86
Expenditures for Miscellaneous Account.....		70,528 27
		7,592 12
		\$1,769,528 78
New materials, supplies, tools and fabricated concrete blocks on hand and accounts in suspense at close of year.....		97,869 51
Total accounted for.....		\$1,867,398 29

RECORD OF WHARF PROPERTY ACQUIRED BY DEPARTMENT SINCE ITS ORGANIZATION TO APRIL 30, 1897, SHOWING FROM WHOM AND HOW ACQUIRED, THE AMOUNT PAID THEREFOR AND THE DATE WHEN PAID FOR.

	FOR PROPERTY.	FOR INTER- EST, COSTS, LAW CHARGES, ETC.	FOR FEES AND EXPENSES OF COMMISS- SIONS.	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, 150 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, 150 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, 100 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	15,532 08	.....	365,532 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, \$550.....	32,500 00	50 10	.....	32,550 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 LeRoy Brower and Abraham T. H. Brower. Price per foot, \$600.....	30,000 00	325 25	.....	30,325 25
<i>Between Hubert and Laight Streets.</i>				
Bulkhead, 53 feet in length, taken by Department in 1883 for improvement. Payment therefor made December 24, 1890, 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, <i>Between Spring and Charlton Streets.</i>	.....	.....	2,434 83	2,434 83
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 1876 for improvement. Payment therefor made January 23, 1894, to Thomas Lenane and John Mooney, 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, 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 Imman.....	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
<i>Between King and West Houston Streets.</i>				
*Bulkhead, 25 feet and $\frac{1}{2}$ inch in length, taken by Department in 1876 for improvement. Payment therefor made August 11, 1892, to Matthew Wilks 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 $\frac{1}{2}$ 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 $\frac{3}{4}$ 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 the 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	11,492 19	.....	23,742 19

* Known as the Langdon suits.

Between West Houston and Clarkson Streets.			
*Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1877 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 65
*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, \$600.	30,025 00	27,264 70	57,289 70
*Bulkhead, 25 feet and 1/4 inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Louise D. Kane, in accordance with judgment of Supreme Court. Price per foot, \$600.	15,012 54	14,544 90	29,557 44
Between Clarkson and Leroy Streets.			
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. Northbeck, in accordance with judgment of Supreme Court. Price per foot, \$600.	45,037 50	44,854 29	89,891 79
Between Leroy and Morton Streets.			
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 20	57,760 20
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	25,167 98	60,872 14
Between Morton and Barrow Streets.			
Bulkhead, 75 feet and 3/4 inch in length, taken by Department in 1876 for improvement. Payment made therefor 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 3/4 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
Between Charles and Perry Streets.			
Bulkhead, 100 feet in length, now being acquired from the Farmers' Loan and Trust Company, Trustees, etc.	.....	\$101 25	101 25
Between Perry and West Eleventh Streets.			
Bulkhead, 80 feet and 6 inches in length, acquired January 3, 1895, 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, 1895, 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, \$430.	19,462 50	354 13	19,816 63
Between West Eleventh and Bank Streets.			
Block between West Eleventh and Bank streets and West street and Thirteenth avenue, now being acquired under condemnation proceedings.	.....	1,685 10	1,685 10
Between Bank and Bethune Streets.			
South half of block, now being acquired under condemnation proceedings.	.....	9,266 55	9,266 55
North half of block between Bank and Bethune streets, and West street and Thirteenth avenue, acquired June 2, 1895, 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.	.....	\$100,714 58	.....
Land, buildings, fixtures, etc.	479,103 80	.....	.....
Between Bethune and West Twelfth Streets.			
Block between Bethune and West Twelfth streets and West street and Thirteenth avenue, now being acquired under condemnation proceedings.	.....	1,648 27	1,648 27
Between West Twelfth and Jane Streets.			
Property now being acquired under condemnation proceedings.	.....	868 85	868 85
Between Jane and Horatio Streets.			
Property now being acquired under condemnation proceedings.	.....	1,177 66	1,177 66
Between Horatio and Gansevoort Streets.			
Property now being acquired under condemnation proceedings.	.....	1,485 20	1,485 20
Between West Twenty-third and West Twenty-fourth Streets.			
Bulkhead, 202 feet and 6 inches in length, acquired December 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
Between West Twenty-fourth and West Twenty-fifth Streets.			
Bulkhead, etc., 202 57 feet in length, taken by Department in 1881 for improvement. Payment therefor made December 11, 1893, to William M. Kingsland and others, in settlement of judgment of Supreme Court.	130,000 00	49,856 68	179,856 68
Between West Twenty-fifth and West Twenty-sixth Streets.			
Bulkhead, etc., 101 28 feet in length, taken by Department 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
Bulkhead, etc., 101.28 feet in length, taken by Department in 1881 for improvement. Acquired January 12, 1893, by agreement, from Edward A. Smith.	65,000 00	20,792 31	85,792 31
Between West Twenty-sixth and West Twenty-seventh Streets.			
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
Between West Twenty-eighth and West Twenty-ninth Streets.			
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.	43,056 66	2,898 09	45,954 75
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.	21,533 33	1,649 57	23,182 90
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	1,648 52	23,181 85
Between West Twenty-ninth and West Thirtieth Streets.			
Bulkhead, 60 feet and 1/2 inch in length, taken by Department 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

* Known as the Langdon suits.

<i>Between West Thirty-third and West Thirty-fourth Streets.</i>				
Bulkhead, 101 feet in length, acquired June 17, 1890, by agreement, from William K. and Cornelius Vanderbilt.....	\$70,000 00	.....	.....	\$70,000 00
Bulkhead, etc., about 101 feet and 4½ 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
<i>Between West Thirty-fourth and West Thirty-fifth Streets.</i>				
Bulkhead, etc., 197 feet 6 inches in length.—Condemnation proceedings suspended.....	.....	.....	127 00	127 00
<i>Between West Forty-first and West Forty-second Streets.</i>				
Bulkhead, etc., 197 feet 6 inches in length.—Condemnation proceedings suspended.....	.....	.....	339 75	339 75
<i>Between West Forty-second and West Forty-third Streets.</i>				
Bulkhead, etc., 200 feet 10 inches in length, being acquired under condemnation proceedings.....	.....	.....	874 08	874 08
<i>Between West Fifty-first and West Fifty-second Streets.</i>				
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
<i>Between West Fifty-third and West Fifty-fourth Streets.</i>				
Bulkhead, etc., 250 feet 10 inches in length, acquired September 7, 1893, in accordance with judgment of United States Circuit Court, from Mary J. Van Aukon, in settlement of alleged rights.....	2,500 00	30 00	.....	2,530 00
<i>Between West Fifty-fourth and West Fifty-fifth 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
<i>At West Seventy-ninth and West Ninety-sixth Streets.</i>				
Property opposite Riverside Park, being acquired by condemnation proceedings, under the provisions of chapter 152, Laws of 1894.....	.....	.....	3,665 38	3,665 38
ON EAST RIVER.				
<i>Between Catharine Slip and Market Street.</i>				
Bulkhead, 63 feet in length, acquired April 27, 1889, by agreement, from William F. Bridge and others.....	6,300 00	180 85	.....	6,480 85
<i>Between Pike and Rutgers Streets.</i>				
Bulkhead, etc., 443 feet 6 inches in length.—Condemnation proceedings suspended.....	.....	.....	94 60	94 60
<i>Between Rivington and Stanton Streets.</i>				
Bulkhead, 141 feet in length, including one half of Pier 62, acquired December 22, 1892, by agreement, from James W. Smith and Equitable Life Assurance Society of New York.....	70,000 00	59 68	.....	70,059 68
<i>Between East Twenty-fifth and East Twenty-sixth Streets.</i>				
Bulkhead, 197 feet 6 inches in length, acquired February 6, 1893, by agreement, from Julius A. Candee, John M. Canda and George Moore Smith.....	70,000 00	324 45	.....	70,324 45
ON HARLEM RIVER.				
<i>Bulkhead, between East One Hundred and Fourth and East One Hundred and Fifth streets, being acquired under condemnation proceedings.....</i>				
Premises at foot of north half of East One Hundred and Fourteenth street, east of high-water mark, acquired June 19, 1895, by agreement, from Oliver Bryan.....	1,500 00	99 00	.....	1,599 00
Total (including \$24.36 for surveys).....	.....	.....	.....	\$4,521,765 88

JAMES WEIR, Apportionment Clerk.

REPORT OF THE ENGINEER-IN-CHIEF.

OFFICE OF THE ENGINEER-IN-CHIEF, NEW YORK, May 1, 1897. To the Board of Docks:
GENTLEMEN—I have the honor to submit the following report of the work under my charge and supervision during the year ending April 30, 1897:

WORK OF CONSTRUCTION UNDER NEW PLAN.

NORTH RIVER.

Battery Section—Embracing the boat-landing, Pier "A," Pier, new 1, North river, and about 80 feet of bulkhead north of Pier, new 1.

A float for the landing of small boats has been maintained during the summer season and a break-water to protect the small boats from seas is soon to be built under contract.

Dey Street Section Extended—Extending 20 feet southerly of the southerly end of the Dey Street Section.

Under resolution of the Board of June 20, 1895, a section of the bulkhead or river wall, 20 feet in length, immediately south of the Dey Street Section, was built last year and has been leased to Mr. John H. Starin.

Dey Street Section—Extending from the south end of West Washington Market Section at the middle of Dey street about 240 feet southerly.

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

All the filling-in behind these sections of the bulkhead or river wall has been completed and the area is soon to be paved with granite blocks under contract.

West Washington Market Section—Extending from about the middle of Pier, old 24, between Vesey and Barclay streets, on the North river, to about the middle of the foot of Dey street, North river, a distance of about 578.17 feet.

This section was completed in 1895.

Barclay Street Section—The Hoboken Land and Improvement Company, owners of the old bulkhead on the westerly side of West street, at the foot of Barclay street, are building the bulkhead or river wall in front of their property, and rebuilding their ferry-racks and ferry-house to accord with the New Plan. This work is being done under the provisions of chapter 397 of the Laws of 1893, and under a permit and an agreement made with the Department of Docks on January 25, 1894, and approved by the Commissioners of the Sinking Fund on February 6, 1894.

The bulkhead or river wall is completed, and also the new ferry-house, racks and other appurtenances. The newly-made land is shortly to be paved under contract.

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 about 253 feet.

Length of piling for the year..... 00.00 feet; to date, 237.00 feet.

" base blocks for the year..... 00.00 " " 237.08 "

" "E" course of granite for the year..... 00.00 " " 219.33 "

Approximate equivalent length of completed wall for the year..... 00.00 " " 233.00 "

But little work of construction has been done upon this section during the past year, on account of delay in legal agreements with owners of property to the southward.

Laight Street Section—The northerly end of the wall on this section has been completed under resolution of the Board of July 12, 1895, to the full length of the section, 600 feet.

Desbrosses Street Section—The Pennsylvania Railroad Company, owners of the old bulkhead on the westerly side of West street, between Vestry and Watts streets, have begun building the bulkhead or river wall in the 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. At present about 80 feet northerly of the Laight Street Section has been completed, and a shed built upon a part of it.

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.	EQUIVALENT LENGTH OF COMPLETED WALL.
Warren street.....	219.45	233.00
Cuamoc's street.....	651.80	651.80
Jay st. ext.....	216.67	216.67
Franklin street.....	415.95	415.95
North Moore street.....	34.00	34.00
Beacon street.....	196.00	196.00
Laight street.....	600.00	600.00
Desbrosses street (work done by private parties).....	85.13	.....
Total.....	2,725.00	2,653.42

The Warren Street, Chambers Street, Jay Street, Franklin Street, North Moore Street, Beach Street, Laight Street and Desbrosses Street Sections, upon which sections the wall is completed, make a continuous length of the bulkhead or river wall of 2,725 feet.

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

Brick Pavement—The experimental areas of brick pavement described in the last Annual Report, which were laid on the newly-made land near Piers, new 24 and 25, were taken up, the trial and experiment having shown that the brick pavement, though of very superior quality, was altogether too soft and wore away too rapidly to be used instead of granite.

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.	EQUIVALENT LENGTH OF COMPLETED WALL.
Canal street extended.....	113.74	140.00
Canal street.....	333.74	333.74
Spring street.....	139.92	139.92
Charlton street.....	406.74	406.74
Old King street.....	149.41	148.41
New King street.....	174.49	174.49
Lower Clarkson street.....	152.91	152.91
Houston street.....	109.89	109.89
Upper Clarkson street.....	162.51	162.51
Leroy street.....	561.46	561.46
Morton street.....	151.33	151.33
Christopher street.....	1,095.22	1,111.51
Total.....	3,430.36	3,472.91

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

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

Under unanimous resolution of the Board of February 17, 1896, work was begun last year upon this section and about 100 feet of wall has been built and put in use.

Gansevoort Section—Extending from the southerly side of West Eleventh street to and along and across Gansevoort street, a distance of about 1,970 feet.

The improvement upon this section has been begun in general accordance with the plan and proposition submitted in the Annual Report of 1880, but modified in accordance with the needs and requests of lessees. It is necessary here to take down the buildings westerly of West street and to excavate the crib-work and filled-in or made land in order to build the bulkhead or river wall, and proper piers for large ocean steamships. The property had to be acquired by condemnation proceedings, and nearly all of it has become vested in the City. As fast as the parcels became City property, the buildings have been removed, the pavement taken up and the dredging out of the crib-work and made land has been commenced under Contracts Nos. 535, 565, 571 and 573. Agreements to lease the new piers and bulkheads have been made by the Board, with various steamship companies, and the work of constructing the bulkhead or river wall, and the piers, is to be begun as soon as the dredging has sufficiently proceeded. These piers and the slips between them will be larger than any others that have been built in this city.

The piers at West Eleventh street, at Bethune street, at Jane street and at Horatio street have been removed in proceeding with this work, and the small pier at West Twelfth street will be removed as soon as some adjacent property is acquired.

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.	EQUIVALENT LENGTH OF COMPLETED WALL.
West Twenty-third street, south end.....	1,229.64	1,729.64
West Twenty-third street, north end.....	613.42	603.90
West Thirty-first street.....	257.50	257.50
West Thirty-second street.....	515.00	515.00
West Thirty-third street.....	77.63	89.77
Total.....	2,693.19	2,695.81

These sections have been completed and are in use, except the northerly end of the West Thirty-third Street Section. They include Piers, new 53, 54, 55, 56, 57, 58, 59, 60, 61, 62 and 63. The total continuous length of the bulkhead or river wall is 2,690.19 feet.

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

Pier, new 53, and the bulkhead between Piers, new 53 and new 54, having been leased to the Pennsylvania Railroad Company, and that company having obtained from lessee of Pier, new 54 right to use its southerly side, and having also bought from Commissioners of Sinking Fund franchise to operate a ferry between Jersey City and this part of New York City, have completed a very handsome and a very fully equipped ferry-house and ferry racks, and the ferry is to be put in operation immediately. The area of filled-in land westerly of Thirteenth avenue in front of this ferry, and northerly to Pier, new 55, has been 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.

An application having been made to the Board by a trans-Atlantic steamship line for a pier at the foot of West Thirty-fourth street of greater length than 500 feet, which was the maximum length of piers allowed under the pierhead-line of 1890, the Board of Docks applied to the Secretary of War to modify the pierhead-line of 1890 in this vicinity, so that piers 700 feet long, sufficient to accommodate long steamships, could be built (this modification was made by the Secretary of War, and is more fully described hereinafter).

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 southerly half of the block between West Thirty-third and Thirty-fourth streets and at the foot of West Thirty-fourth street, and sufficient of the Pier at West Thirty-fourth street has been removed to begin the work, and the dredging is well under way.

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

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

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

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

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

West Fifty-second Street Section (south end)—Extending from 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.

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

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

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

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

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

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

" rock bottom cleaned for the year..... 46.83 " " 1,043.30 "

" concrete, in bags, for the year..... 83.96 " " 1,043.30 "

" concrete, in mass, for the year..... 115.96 " " 1,043.30 "

" "E" course of granite for the year..... 263.98 " " 1,043.30 "

" base blocks for the year..... 180.18 " " 1,043.30 "

Equivalent length of completed wall for the year..... 214.65 " " 1,043.30 "

The wall and the filling behind it upon this section has been completed. The method of its construction has been described in previous reports.

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 feet, all of which has been completed and is in use.

EAST RIVER.

Pier 35, East River—The Department having acquired the ownership of the easterly side of this pier, it has been removed preparatory to building a new pier.

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

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

Third Street, East River—Under chapter 298 of the Laws of 1892, the Board designated and set aside the Pier at the foot of Third street, East river, for the use of the inhabitants of the city as a recreation pier. The necessary and proper foundations for a Recreation Building to be built upon the pier have been made and put in under Contract No. 561. Edward H. Kendall, Esq., was appointed Consulting Architect to the Department under the provisions of the above-mentioned statute, and prepared plans and specifications for a building of steel 300 feet long and 50 feet wide, the floor of which is to be 19 feet above the deck of the pier, and is to be used as a place for healthful recreation by the inhabitants of the City. The building has been begun under Contract No. 575, of which Mr. R. H. Hood, Civil Engineer, is contractor, and remarkably rapid progress made in its construction.

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

The wall and filling behind it upon this section, were finished and the Department Yard removed to this section in 1894.

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

Length of completed wall to date..... 276.24 feet.
This work is built upon the East One Hundred and Second street plan and 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.

Length of completed wall to date..... 543.81 feet.
This section was substantially completed in 1892 and is in use by the Department of Public Charities in connection with Bellevue Hospital.

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

Length of dredging for the year.....	0.00 feet; to date, 260.54 feet.
“ rock bottom cleaned for the year.....	0.00 “ “ 97.24 “
“ concrete in bags for the year.....	0.00 “ “ 97.24 “
“ concrete in mass for the year.....	0.00 “ “ 97.24 “
“ base blocks for the year.....	0.00 “ “ 260.54 “
“ “E” course of granite for the year.....	117.43 “ “ 260.54 “
Equivalent length of completed wall for the year.....	51.14 “ “ 260.54 “

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

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

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

The wall is now built to the southerly of the Astoria ferry at East Ninety-second street, and the filling behind it 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 have been in commercial use.

Rhineland's Reef—A contract (No. 528) was let last year for increasing the depth of water on Rhineland's Reef, off East Ninety-second street, to a depth of 10 feet at mean low water, and the work has been completed by Mr. P. Sanford Ross, contractor.

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

Length of dredging for the year.....	0.00 feet; to date 300.00 feet
“ piling for the year.....	145.00 “ “ 281.00 “
“ “E” course of granite for the year.....	125.03 “ “ 246.06 “
Equivalent length of completed wall for the year.....	102.00 “ “ 258.00 “

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 in 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 practicable.

Arrangements having been made with the New York and College Point Ferry Company to move their ferry racks, etc., work was begun last year at the southerly end of this section, under resolution of the Board of June 20, 1895, and about 246 feet of the wall has been completed and filling put in behind it. The work will be completed as soon as the ferry company moves its structures out of the way.

The pierhead-line of 1890 was modified by the Secretary of War on November 18, 1895, by extending it further outshore from East Ninety-fourth to East One Hundred and Fourth street, giving greater lengths to the piers on that section of the water-front. The greatest additional length is at East Ninety-ninth street, where it is 131 feet.

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.

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

The section has been in commercial use.

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; north end 703.95 feet in length.

The section is described under the preceding heading. It has been in commercial use since 1894.

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.
“ coping to date.....	698.00 “
Equivalent length of completed wall to date.....	750.85 “

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

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

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

Pier at the foot of East One Hundred and Sixteenth Street—A pier about 50 feet wide by 196 feet long has been built under Contract No. 558. This pier and bulkhead are intended for the use of the Manhattan State Hospital, which has agreed to lease the same.

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.

Length of “E” course of granite to date.....	362.70 feet.
“ coping to date.....	362.70 “

This section was substantially completed in 1893 (except final pavement), and has been in commercial use since that time.

SHERMAN'S CREEK.

On the westerly or Manhattan Island 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, has been built under Contract No. 533, and filling has been placed behind it, under Contract No. 560, by pumping the sand from the bottom of Sherman's creek and depositing it behind the cribwork. This work is very nearly completed.

Under Contract No. 553, dredging has been done for an additional 767 feet in length of cribwork bulkhead on the northeasterly side of the creek, and, as soon as arrangements can be made, the cribwork bulkhead will be built under Contract No. 554.

WORK OF CONSTRUCTION NOT UNDER NEW PLAN.

NORTH RIVER.

New West Washington Market—Immediately in front of the New West Washington Market, between Gansevoort and Bloomfield streets, two small piers, designated as Pier, old 56½, and Pier, old 58½, North river, are being built under Contract No. 569, in order to afford accommodation for small boats in that vicinity, and Pier, old 59, is to be extended about 51 feet, under Contract No. 574, for the same purpose.

Pier at West One Hundred and Thirty-first Street—This pier has been widened, lengthened and repaired under Contract No. 549, in order to afford accommodation for the new style of dumping-boards for the removal of the city refuse by the Department of Street Cleaning.

Pier at West One Hundred and Thirty-second Street—This pier is to be lengthened about 200 feet under Contract No. 572, and the work has been begun.

EAST RIVER.

Fifty-ninth to Sixtieth Street—A crib-bulkhead has been constructed from East Fifty-ninth to East Sixtieth street by the New York Steam Company, lessee of the property, which belongs to the city.

East Sixty-fourth Street—The work on the bridge foundation and on the piers on Blackwell's Island, for the New York and Long Island Bridge, has been suspended.

Hart's Island—A new “T” shaped pier for the use of the Department of Public Charities, about 90 feet long and from 30 to 150 feet wide, has been built by the Department of Docks on the westerly side of Hart's Island, under Contract No. 559.

HARLEM RIVER.

Ward's Island—A new pier has been built by the Manhattan State Hospital on the westerly side of Ward's Island, nearly opposite East One Hundred and Tenth street.

Randall's Island—An old pier on the westerly side of Randall's Island, used for the landing of coal, has been removed and a new “T” shaped pier, about 190 feet long and from 25 to 125 feet wide, has been built by the Department in place of the old pier, under Contract No. 541. It is for the use of the Department of Public Charities.

Two Hundred and Sixteenth to Two Hundred and Eighteenth Street—A lease has been made to the Third Avenue Railroad Company of certain lands under water situated between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, and they are building a cribwork bulkhead upon it, under permit from the Board of Docks.

Depot Place—Depot place, on the Harlem river, having become the property of the City, the bulkhead at the foot of it has been repaired and put in order.

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

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

BRONX KILLS.

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

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

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

GENERAL REPAIRS.

The repairs to piers, bulkheads, etc., have cost somewhat less during the last year than in 1896. A detailed statement of them is given in the appendix.

FLOATING PROPERTY.

The floating property of the Department has been decreased by the sale of the tugboat “Manhattan” and steam launch “Inspector.”

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

SURVEYING FORCE.

An accurate and extensive survey of all the water-front of the City in the recently annexed portion easterly of the Bronx river is being made. 35 miles of line have been run along the water-front and up the larger creeks and their positions carefully noted. The area embraced in the surveys already done is about 5,333 acres, or about 8½ square miles.

In connection with this survey 10,000 soundings and 7,000 levels have been taken.

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

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

Automatic tide-gauges have been established for determining the local mean high water and mean low water.

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

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

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

Surveys and examinations have been made over 914,600 linear feet of water-front. The surveys have been plotted and put on file in this office and tracings have been prepared therefrom.

8,528 rod soundings, to ascertain the depth of soft mud, have been taken, of which 6,127 were on the North river and 2,401 on the East and Harlem rivers. 136,726 disk soundings, to ascertain the depth of water, have been taken on the North, East and Harlem rivers, in 827 slips, of which 68,728, in 324 slips, were on the North river and 68,498, in 503 slips, were on the East and Harlem rivers.

Of the above, 36,053 disk soundings and 4,794 rod soundings were for construction and 109,673 disk soundings and 3,734 rod soundings were for general repairs and examinations, etc., taken before and after dredging, all of which have been reduced, plotted and placed on file in this office.

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

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

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

DEPARTMENT YARDS.

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

3,000 barrels of Portland cement have been received at this yard for the work of the Department; 41 base blocks for the bulkhead or river-wall, containing nearly 1,350 cubic yards of concrete, have been built at this yard.

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

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

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

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

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

2,996 barrels of Portland cement were received and stored for Department use.

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

I submit herewith an appendix containing:

A summary of the work of construction under “New Plan.”

A summary of the work of construction not under “New Plan.”

A summary of the work of “General Repairs.”

A schedule of “Floating Property.”

A summary of the work at the Department Yards.

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

A statement of granite on hand, received and issued.

A summary of work done for other Departments.

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

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

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

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

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

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

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

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

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

NEW BULKHEAD AND PIERHEAD LINES.

By Act of Congress of August 11, 1888 (section 12), the Secretary of War is authorized to cause bulkhead and pierhead lines to be established in harbors of the United States. Under this law, a Board of United States Engineers, consisting of General Henry L. 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 around Hunt's Point to the mouth of the Bronx river at a point about opposite the prolongation of Lane avenue.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 Thirtieth 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 street 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 Secretary of War, Hon. Russel A. Alger, for a further modification of the pierhead line of 1890, from West Thirtieth street, southerly to the Battery, but the result of this application is not known at this date.

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

PIERHEAD LINES OF 1890.

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

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

The audited expenditures for Construction Account during the past year have been... \$634,148 53
And those for General Repairs have been... 194,631 77

The distribution of these amounts between wages and salaries of the pay-rolls, and bills and claims, including cost of material and payments for contract work, is as follows:

	PAY-ROLLS.	BILLS AND CLAIMS.	TOTAL.
Construction	\$323,104 07	\$311,044 46	\$634,148 53
Repairs	78,667 14	115,964 63	194,631 77
	\$401,771 21	\$427,009 09	\$828,780 30

The equivalent length completed of the City's bulkhead or river wall on the North river for the year is 333.70 feet, and on the East river 51.14 feet, Harlem river 211.72, making a total of 596.56 feet.

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

On the North river	13,015 feet.
On the East river	2,706 "
On the Harlem river	2,072 "

Total

Of this amount, 677.58 feet have been built by private parties. Three new piers have been built on the East and Harlem rivers, and one pier has been extended on the North river.

The total new wharfage-room made during the year is 2,795 linear feet.

Very respectfully, your obedient servant,

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

APPENDIX.

Summary of the Journal of the Work for the Year ending April 30, 1897.

WORK OF CONSTRUCTION UNDER THE NEW PLAN.

NORTH RIVER WATER-FRONT.

DEY STREET SECTION, EXTENDED.

Resolution of the Board, June 20, 1895.

General Charges.

December 29 to 31, 1896.—Removing Old Work—Platform and crib-work in front of Pier, new 13, and deck of approach to pier, were removed to make way for earth-filling.

May 23, 1896, to January 13, 1897.—Earth-filling—Dry wall was built and 12 by 12 timber placed to retain earth-filling.

Secretary's Order No. 16387.—307 loads of ashes were placed in rear of the bulkhead-wall by the New York Steam Company.

DEY STREET SECTION.

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

General Charges.

December 29, 1896, to January 9, 1897.—Removing Old Work, Secretary's Order No. 17391—Old crib-bulkhead along the westerly side of West street was removed by the force of the Department for John H. Starin, to make way for earth-filling.

October 1, 1896, to January 30, 1897.—Earth-filling—6,630 loads of earth-filling were received and placed in rear of wall by John H. Starin.

February 1 to 3, 1897.—42 loads of ashes were placed in rear of wall, to bring filling to proper grade, by the New York Steam Company for John H. Starin.

BARCLAY STREET SECTION.

October 16, 1894, to April 30, 1897.—Secretary's Order No. 13551—Ashes were placed in rear of wall by the Hoboken Ferry Company to bring filling to proper grade before area is paved with granite blocks.

LAIGHT STREET SECTION.

Resolution of the Board, July 12, 1895.

General Charges.

May 9 to June 13, 1896.—Earth Filling—Secretary's Order No. 16185—98 loads of ashes were placed in rear of wall, to bring filling to proper grade, by the New York Steam Company.

WARREN STREET SECTION.

Resolution of the Board, May 25, 1893.

Bulkhead-wall Proper.

Recapitulation of Work Done and to be Done on Bulkhead-wall in Linear Feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1896-1897.	Total to Date.	
Dredging	253	..
Stone filling—Cobble	229	24
" Rip-rap	225	28
Piling and woodwork—Vertical piles	237	16
" Bracing piles	237	16
" Binding frames	237	16
" Sawing piles	237	16
" Longitudinal capping	235	18
" Transverse capping	235	18
" Cap decking	219	34
Masonry—Base blocks	237.08	15.92
" Chain-holes	237.08	15.92
" "A" course granite	228	25
" "C" course granite	227	26
" "D" course granite	223	30
" "E" course granite	219.33	33.67
" Concrete backing	227	26
" Coping	215	38
" Backing-logs	208	45
" Pointing	224	29
Work actually completed	208	45
Equivalent length of wall	233	20

PERRY STREET SECTION.

Resolution of the Board, February 17, 1896.

Bulkhead-wall Proper.

STONE-FILLING.

May 1 to October 12, 1896.—Cobble—Cobble was deposited on wall foundation by A. A. Bouker, under Contract No. 525, and by O'Brien Bros., under Contract No. 539.

May 5 to November 27, 1896.—Rip-rap—Rip-rap was deposited on wall foundation and leveled off to proper grade by O'Brien Bros., under Contract No. 525.

PILING AND WOODWORK.

May 4, 1896, January 8, 1897.—Vertical Piles—Vertical piles were driven, regulated and stay-lathed and foundation piles located. Pile butts were loaded on scow and removed to West Seventy-fifth street.

May 28 to August 24, 1896.—Bracing Piles—Bracing piles were driven, regulated and stay-lathed.

May 8 to December 11, 1896.—Binding Frames—Binding frames were made and sunk in place.

May 20 to September 22, 1896.—Sawing Off Piles—Vertical and bracing piles were sawed off to grade and the butts collected and rafted for removal.

July 17 to September 22, 1896.—Longitudinal Capping—Longitudinal caps were framed, placed and fastened in position.

August 3 to October 6, 1896.—Transverse Capping—Transverse caps were framed, placed and fastened in position.

October 3 to November 12, 1896.—Cap Decking—Cap decking was laid and fastened in rear of granite.

MASONRY.

July 1 to September 22, 1896.—Concrete Blocks—11 concrete blocks were placed in position on wall foundation.

July 6 to September 22, 1896.—Chain Holes—Chain holes in concrete blocks were filled with concrete.

September 24 to October 26, 1896.—Granite—Granite was cut and 103 pieces placed on wall. September 30 to October 31, 1896.—Concrete Backing—279½ batches of concrete backing were made and placed in rear of granite.

October 29 to November 6, 1896.—Coping—Coping stones were loaded on scow and bedded and 11 pieces set on the "E" course of granite.

November 10 to 18, 1896.—Backing-logs and Drilling Bolt Holes—Bolt holes were drilled in the coping and backing-logs placed and fastened.

November 6 to 13, 1896.—Pointing—625 linear feet of joints in granite of wall were cleaned out and pointed.

Recapitulation of Work Done and to be Done on the Bulkhead-wall. Perry Street Section. In Linear Feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1896-1897.	Total.	
Dredging .....	.....	210	.....
Stone Filling—Cobble	50	150	60
" Rip-rap .....	.....	150	60
Piling and woodwork—Vertical piles	148	148	62
" Bracing piles	140.5	140.5	69.5
" Binding frames	143.5	143.5	66.5

Piling and woodwork—Sawing piles.....	143	143	67
“ Longitudinal capping.....	142.5	142.5	67.5
“ Transverse capping.....	135	135	75
“ Cap decking.....	96.56	96.56	113.44
Masonry—Concrete blocks.....	132.6	132.6	77.4
“ Chain holes.....	132.6	132.6	77.4
“ “A” course granite.....	96.56	96.56	113.44
“ “C” course granite.....	96.56	96.56	113.44
“ “D” course granite.....	96.56	96.56	113.44
“ “E” course granite.....	96.56	96.56	113.44
“ Concrete backing.....	96.56	96.56	113.44
“ Coping.....	80	80	130
“ Backing logs.....	80	80	130
“ Pointing.....	96.56	96.56	113.44
Work actually completed.....	96.56	96.56	113.44
Equivalent length of wall.....	131.07	139	71

General Charges.

February 4 to 13, 1897.—Removing Old Work—Old crib-bulkhead in rear of section was removed. Fender piles on north and south sides of pier were removed, rafted and towed to West Seventy-fifth street for storage.

Earth Filling—Dry rubble wall was built at both ends of section to retain earth-filling. Old bulkhead along West street was removed to make way for earth-filling.

December 3, 1896, to January 23, 1897.—Secretary's Order No. 17306—2,650 loads of earth-filling were deposited in rear of wall by Brown and Fleming.

May 5 to November 27, 1896.—Rebuilding Inner End Pier, old 54—Inner end, southerly half of pier, where removed to make way for the bulkhead-wall, was rebuilt.

June 23, 1896.—Repairs were made to the fence between West Eleventh and Perry streets.

May 13, 1896.—Stairs were built on north side of pier for approach to boat landing.

January 16 to 23, 1897.—Temporary plank driveway was built in rear of the wall over the earth-filling.

GANSEVOORT SECTION.

Resolution of the Board, October 15, 1896.

Bulkhead-wall Proper.

March 12 to April 30, 1897.—Dredging—Contract No. 565—Morris & Cumings Dredging Company, dredging the area between West Eleventh and Bank streets, west of West street.

April 10 to April 30, 1897.—Contract No. 571—R. G. & J. S. Packard, contractors, dredging area between West Twelfth and Gansevoort streets, west of West street.

General Charge.

August 25 to October 1, 1896.—Removing Old Work—Order No. 17038—T. G. Patterson, contractor, removed buildings on north half of block between Bank and Bethune streets, West street and Thirteenth avenue, with the exception of box factory at southwest corner of Bethune and West streets, which was allowed to remain, under resolution of the Board.

August 25 to September 10, 1896.—Secretary's Order No. 16511—Grain elevator on the bulkhead at south side of West Eleventh street was removed.

September 22, 1896.—Secretary's Order No. 16596—Material from old elevator was removed from scow and placed on the bulkhead.

January 9 to March 2, 1897.—Secretary's Order No. 16877—F. C. Southard, contractor, removed buildings on block bounded by West Eleventh and Bank streets, and West Twelfth and Jane streets, West street and Thirteenth avenue, sold January 6, 1897.

January 9 to February 16, 1897.—Secretary's Order No. 16877—Charles Hart, contractor, removed buildings on blocks bounded by Jane and Horatio and Horatio and Gansevoort streets, West street and Thirteenth avenue, sold January 6, 1897.

March 30 to April 30, 1897.—Secretary's Order No. 17074—C. H. Southard, contractor, removing buildings on blocks bounded by Horatio and Gansevoort streets, along West street.

April 17, 1897.—Engineer's Order No. 17837—Building on southwest corner of Bethune and West streets was vacated by T. G. Patterson.

February 23 to 26, 1897.—Engineer's Order—Charles Hart, contractor, removed paving-blocks, flag and curb stones on West Eleventh street, between West street and Thirteenth avenue, and on Thirteenth avenue, from south side of Bank street to bulkhead at West Eleventh street.

March 2 to 11, 1897.—Secretary's Order No. 16963—Owen McCarthy, contractor, removed the paving-blocks, flag and curb stones on Horatio street, from West street to Thirteenth avenue.

February 24 to March 3, 1897.—Secretary's Order No. 16964—Dennis Norton, contractor, removed the paving-blocks, flag and curb-stones on Jane street, from West street to the bulkhead.

February 26 to March 4, 1897.—Secretary's Order No. 16965—Charles Hart, contractor, removed the paving-blocks, flag and curb-stones on Thirteenth avenue, from south side of Gansevoort street to north side of West Twelfth street.

September 28 to December 4, 1896.—Contract No. 543—Gildersleeve & Rolf, contractors, removed the piers at West Eleventh and Bethune streets.

November 19 to 30, 1896.—Contract No. 551—R. G. & J. S. Packard, contractors, removed the pier at foot of Horatio street.

March 1 to 18, 1897.—Contract No. 551—R. G. & J. S. Packard, contractors, removed the pier at foot of Jane street.

February 26 to March 4, 1897.—The old deck plank on Thirteenth avenue, between West Eleventh and Bank streets, was removed to be used for stay-lathing.

March 4 to April 15, 1897.—Fire hydrants were removed from property between West Eleventh and Gansevoort streets.

January 15 to April 30, 1897.—Protection of Property—Secretary's Order No. 16875 and Engineer's Order No. 17525—Fences were built on property between West Eleventh and Gansevoort streets.

March 15, 1897.—Examination was made of the foundations of buildings on property for the Counsel to the Corporation.

December 19, 1896, to March 19, 1897.—Secretary's Order No. 16839—Property between West Eleventh and Gansevoort streets was kept clear of snow and ice.

January 13 to April 14, 1897.—Secretary's Order No. 16883—Storage yard of the Department of Street Cleaning was removed from northeast corner of Thirteenth avenue and West Twelfth street.

April 1 to April 30, 1897.—Engineer's Order—“Danger” signs were made and placed on property between West Eleventh and Gansevoort streets.

January 23, 1897, to April 30, 1897.—Tool-house at West Fifth-seventh street was cleaned and painted for use at section. Office at section was located between West Eleventh and Bank streets along westerly side of West street.

January 10, 1896, to April 30, 1897.—Care and Maintenance—Secretary's Order, Nos. 16317, 16638, 16639, and Engineer's Orders.—Property between West Eleventh and Gansevoort streets was cared for and watchmen placed to protect same.

WEST TWENTY-THIRD STREET SECTION.

SOUTH END.

Resolution of Board November 5, 1880.

General Charge.

May 1 to June 13, 1896.—Earth-filling—Secretary's Order No. 13098—846 loads of earth-filling were received and placed in rear of wall by Thomas E. Crimmins.

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

Wall to be completed..... 8.56 “

Equivalent length of wall—

Completed..... 1,229.64 “

To be completed..... 8.56 “

PAVING AT PIERS, NEW 53, 54 AND 55, N. R.

October 16 to April 30, 1895.—Piers, new 53, 54, 55—Contract No. 545—Terence A. Smith, contractor, preparing for, paving and repaving area in vicinity of piers.

WEST TWENTY-THIRD STREET SECTION.

NORTH END.

Resolution of the Board June 28, 1882.

Wall substantially completed and in use..... 615.42 feet.

Equivalent length of wall—

Completed..... 603.90 “

To be completed..... 11.52 “

Resolution of the Board, April 8, 1897.

Bulkhead-wall Proper.

MASONRY.

March 20 to April 30, 1897.—Concrete Backing—67 batches of concrete were made and placed on wall to raise grade of same under Pier, new 54. Earth filling was removed to make way for concrete and replaced.

General Charges.

April 15 to 30, 1897.—Raising Inner End Pier, new 54—Inner end of pier was raised to meet the new grade of bulkhead wall and temporary plank approach was laid to entrance of pier.

WEST THIRTY-FOURTH STREET SECTION.

Resolution of the Board, March 11, 1897.

Bulkhead-wall Proper.

Dredging—Contract No. 535—Henry E. Du Bois, Jr., contractor, dredging over area to be covered by bulkhead-wall in front and south of West Thirty-fourth street.

April 17 to 22, 1897.—Contract No. 536—Steers & Bensel, contractors, dredging over area to be covered by bulkhead-wall north of West Thirty-fourth street.

General Charges.

April 13 to 30, 1897.—Removing Old Work—Secretary's Order No. 17075—Henry Lotz, contractor, removing elevator building at foot of West Thirty-fourth street.

March 12 to April 30, 1897.—Removing Inner End of Pier—Inner end southerly half of pier at foot of West Thirty-fourth street, and approach to same, was removed to make way for the bulkhead-wall.

March 22, 1897.—Examination of the pile heads was made preparatory to extending and widening Pier at West Thirty-fourth street.

April 15, 1897.—Examination was made of crib timbers under pier at West Thirty-fourth street.

April 13 to 23, 1897.—Fence was erected east of elevator building to protect property and platform was built at inner end of pier for use of the Surveyors.

March 29 to April 19, 1897.—Tool-houses were removed from East Twenty-fourth street and West Twenty-eighth street to the bulkhead between West Thirty-third and West Thirty-fourth streets, repaired, cleaned and painted.

WEST FORTY-THIRD STREET SECTION.

Resolution of the Board, September 3, 1891.

Wall substantially completed and in use..... 230.87 feet.

Wall to be completed..... 29.96 “

Equivalent length of wall—

Completed..... 243.62 “

To be completed..... 17.21 “

WEST FIFTY-SECOND STREET SECTION, NORTH END.

Resolution of the Board, June 20, 1895.

Bulkhead-wall Proper.

STONE-FILLING.

Rip rap—Rip-raz was placed in rear of wall by contractor's force.

MASONRY.

May 4 to June 20, 1896.—Pumping Mud—Mud was pumped from wall-foundation preparatory to setting concrete-blocks.

May 1 to June 20, 1896.—Tubbing—Stone was tubbed from area of wall-foundation.

May 14 to August 15, 1896.—Concrete in Bags—28 batches of concrete were made and deposited in bags on rock-bottom.

May 23 to August 17, 1896.—Concrete in Mass—13 batches of concrete were made and deposited in mass on top of concrete in bags to level off same.

May 11 to September 8, 1896.—Base-blocks and Mattresses—14 concrete-blocks were set in position on wall-foundation.

May 13 to September 8, 1896.—Chain-holes—22 batches of concrete were made and placed in chain-holes.

June 23 to September 19, 1896.—Granite—288 pieces of granite were cut and placed on wall-foundation.

June 30 to September 21, 1896.—Concrete-backing—134 batches of concrete were made and placed in rear of granite.

August 1 to October 27, 1896.—Coping—Coping-stones were bedded, and 21 pieces set on top of the “E” course of granite.

October 7 to November 24, 1896.—Backing-logs and Drilling Bolt-holes—Bolt-holes were drilled in coping, and backing-logs framed, placed and fastened.

July 28 to October 30, 1896.—Pointing—Joints in granite set on wall were cleaned out and pointed.

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

In Linear Feet.

WORK.	COMPLETED WORK.		WORK TO BE COMPLETED.
	1896-1897.	Total to Date.	
Dredging.....	.....	1,043.30	.....
Stone-filling—Rip-raz.....	275.83	1,043.30	.....
Masonry—Cleaning rock—			
1. pumping.....	46.83	1,043.30	.....
2. tubbing.....	83.06	1,043.30	.....
“ Concrete in bags.....	115.96	1,043.30	.....
“ Concrete in mass.....	180.13	1,043.30	.....
“ Base-blocks.....	130.18	1,043.30	.....
“ Chain holes.....	263.08	1,043.30	.....
“ “A” course granite.....	263.08	1,043.30	.....
“ “C” course granite.....	263.08	1,043.30	.....
“ “D” course granite.....	263.08	1,043.30	.....
“ “E” course granite.....	263.08	1,043.30	.....
“ Concrete backing.....	263.08	1,043.30	.....
“ Coping.....	263.08	1,043.30	.....
“ Backing-logs and drilling bolt-hole.....	263.08	1,043.30	.....
“ Pointing.....	263.08	1,043.30	.....
Wall actually completed.....	263.08	1,043.30	.....
Equivalent length of wall.....	214.65	1,043.30	.....

General Charges.

June 22 to November 4, 1896.—Removing Old Work—Earth was cleaned from top of crib foot of West Fifty-first street, and old crib and fence at foot of Fifty-first street, and between Fifty-first and Fifty-second streets, were removed.

November 16 to December 9, 1896.—Temporary approach to Pier at West Fifty-second street was removed and material taken to Fifty-seventh and Seventy-fifth streets for storage.

January 13 to 14, 1897.—Removing Tool-house—Tool-house at West Fiftieth street was placed on scow and taken to Fifty-seventh street yard.

July 29 to November 20, 1896.—Rebuilding Inner End of Pier at West Fifty-second Street—Inner end of pier, where removed to make way for the bulkhead-wall, was rebuilt.

January 11 to 22, 1897.—Building Temporary Approach—Temporary approach was laid to Pier at West Fifty-second street over earth-filling.

November 27, 1896.—Repairing Temporary Pavement—Belgian block pavement on bulkhead was relaid to meet grade of approach.

October 12 to November 25, 1896.—Earth Filling—Engineer's Order—2,262 loads of earth filling were received and placed in rear wall by Thomas Smith.

October 21 to December 17, 1896.—Secretary's Order No. 16712—7,912 loads of earth-filling were received and placed in rear of wall by Thomas E. Crimmins.

MARGINAL STREET ALONG NORTH RIVER.

Laying Permanent Pavement.

June 25 to July 27, 1896.—Pier, new 13—Contract No. 540—Cornelius O'Grady prepared for and laid 890 square yards of Staten Island syenite block pavement in vicinity of pier.

EAST RIVER.

STANTON STREET SECTION.

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

Recapitulation of Work Done and to be Done on the Stanton Street Section in Linear Feet of Wall—Plan of East One Hundred and Second Street.

Section Length, 557.21 Feet.

Wall substantially completed and in use..... 476.97 feet.

Wall to be completed..... 80.24 “

Equivalent length of wall—

Completed..... 476.97 “

To be completed..... 80.24 “

N. B.—The southerly 80.24 feet of this wall will not be built until some future date, owing to the preserved condition of the existing bulkhead at the foot of Rivington street, East river.

General Charges.

TEMPORARY APPROACH.

May 19 to 23, 1896.—Under Secretary's Order No. 16245—The temporary approach leading to the Pier foot of Stanton street was repaired.

June 10 to 13, 1896.—Under Secretary's Order No. 16297—An additional backing-log was placed on the temporary crib approach.

July 1, 1896.—A hole at the entrance to the approach to Pier foot of Stanton street was filled-in with two (2) loads of steam ashes.

February 17 and March 16 and 17, 1897.—Under Secretary's Order No. 16884—The temporary plank approach leading to Pier foot of Stanton street was repaired.

EAST NINETY-FIRST STREET SECTION “1876 TYPE.”

Unanimous Resolution of Board, June 20, 1895.

Bulkhead-wall Proper.

STONE-FILLING.

May 7 to 10, 1896.—Cobble-stone—300 cubic yards of cobble-stone were delivered and deposited on wall foundation, between the piling, by Andrew A. Bouker, under Contract No. 525.

May 2 to 14, 1896.—Rip-raz Stone—385 cubic yards of rip-raz stone were delivered and deposited on wall foundation in rear of the piling, by O'Brien Brothers, under Contract No. 525.

May 27 to July 16, 1896.—136 loads of rip-raz stone were delivered and deposited in rear of the bulkhead-wall by John D. and Thomas E. Crimmins, free of charge.

PILING AND WOODWORK.

May 5 to 8, 1896.—Transverse Capping—Bored for and drove 24 3-inch treenails.

May 24 and June 2 to 17, 1896.—Decking—About 3,046 square feet of 4-inch planking were placed on the transverse caps in rear of the masonry work of the bulkhead-wall.

MASONRY.

May 1 to 25, 1896.—100 pieces of facing granite were placed and transferred on scows from the East Twenty-fourth street yard, loading and setting with 10-ton derrick.

May 11 to May 26, 1896.—Concrete Backing—272 batches of concrete backing were made and placed.

May 8 to 30, 1896.—Coping—21 pieces of coping were placed and transferred on scows, from the East Twenty-fourth street yard, loading and setting with 10-ton derrick.

June 1 to 2, 23 to 27, July 30 and August 1 to 7, 1896.—Backing-logs and Drilling Bolt-holes—Holes were drilled in the coping and backing log fitted and secured with Ahlstrom bolts.

May 6 to June 4, 1896.—Pointing—Facing joints in the granite were pointed.

"WEST FIFTY-SECOND STREET TYPE."

Bulkhead-wall Proper.

STONE-FILLING.

June 3 to 10, 1896.—Rip-rap Stone—68 loads of rip-rap stone were delivered and deposited in rear of the bulkhead-wall, free of charge, by John D. and Thomas E. Crimmins.

MASONRY.

May 23 to 26, 1896.—Granite—22 pieces of granite were set in the wall with the ten-ton derrick.

May 23 to 27, 1896.—Concrete Backing—26 batches of concrete backing were made and placed.

May 29, 1896.—Coping—3 pieces of coping were set.

June 2 and August 7, 1896.—Backing-logs and Drilling Bolt-holes—Holes were drilled in the coping and backing log fitted and secured with Ahlstrom bolts.

June 4 and 5, 1896.—Pointing—Facing joints in the granite were pointed.

"EAST NINETY-FIRST STREET SECTION."

Under Unanimous Resolution of Board, May 25, 1893. Amended June 20, 1895.

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

Section Length, 375.88.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1896-1897.	Total to Date.	
Dredging.....	Feet.	Feet.	Feet.
Stone filling—cobble.....	63.20	260.54	115.34
" rip-rap.....	34.54	169.20	.....
Masonry—Cleaning rock bottom.....	.....	260.54	.....
Concrete in bags.....	.....	97.24	.....
Piling and woodwork—Piles driven.....	.....	169.24	.....
" Bracing piles.....	.....	169.24	.....
" Binding frames.....	.....	169.24	.....
" Sawing piles.....	.....	169.24	.....
" Longitudinal capping.....	.....	169.24	.....
" Transverse capping.....	.....	169.24	.....
" Cap decking.....	169.24	169.24	.....
Masonry—Base blocks.....	.....	260.54	115.34
" Chain holes.....	.....	260.54	115.34
" "A" "B" course granite.....	102.99	260.54	115.34
" "C" course granite.....	102.99	260.54	115.34
" "D" course granite.....	102.99	260.54	115.34
" "E" course granite.....	102.99	260.54	115.34
" Coping.....	117.43	260.54	115.34
" Concrete backing.....	125.87	260.54	115.34
" Backing-log and bolt-holes.....	136.75	260.54	115.34
" Pointing face joints.....	187.54	260.54	115.34
" Sub-base blocks.....	.....	18.14	.....
" Sub-blocks.....	.....	91.14	.....
" Earth-filling.....	215.54	260.54	115.34
Wall actually completed, "E" course.....	117.43	260.54	115.34
Equivalent length wall completed, "E" course.....	51.14	260.54	115.34

N. B.—The southerly end of bulkhead-wall, extending from 6.38 feet north of south line of East Ninety-first street to 9.21 feet north of the north line of East Ninety-first street, is constructed on plan of West Fifty-second street. The portion extending from 9.21 feet north of north line of East Ninety-first street to 178.45 feet north of same point is constructed on a modification of plan of 1876. The remaining 18 feet of northern end of wall is on plan of West Fifty-second street. This portion, 260.54 feet of wall, commenced (dredging) October, 1893, and wall proper (backing-log) completed August, 1896. The conditions are such at this place that there is no immediate prospect of extending the wall to the full length of section.

General Charges.

May 6 to 8, 1896.—Filling in rear of Wall—A close row of piles to retain filling was driven at the northerly end of the section and secured to the transverse caps with wire rope.

June 15 to December 4, 1896.—Under Secretary's Order No. 16288—4,914 loads of earth filling were received and placed in rear of the bulkhead-wall and graded by Department's force. Old structures were removed to make way for the filling and serviceable material sent to the East Twenty-fourth Street Yard; also dry wall was built with rip-rap stone at northerly end of section to retain the filling.

September 15 and 16, 1896.—Temporary Fence—The temporary fence placed at southerly end of Ninety-first street section for protection was repaired.

October 29 to December 2, 1896.—Extending Sewer—Excavation made and sheathed and a 16-inch C. I. sewer-pipe laid connecting old terminus with the river through the bulkhead-wall. Sheathing removed and hole filled in.

EAST NINETY-FOURTH STREET SECTION.

Under Unanimous Resolution of Board, April 25, 1889.

In Lineal Feet of Wall. Wall of 1876.

Section Length, 373.07 feet.

Wall substantially completed and in use, "E" course or Coping..... 361.19 feet.

Wall to be completed, "E" course or Coping..... 11.88 "

Equivalent length of wall:

Completed..... 372.58 feet.

To be completed..... .49 "

N. B.—The southerly 77.52 feet of this section was built on special plan, similar in principle to that of the plan of West Fifty-second street. The northerly end of the section is plan of 1876.

General Charges.

DRAIN-BOX.

October 2 to 10, 1896.—Under Secretary's Order No. 16631—A temporary drain-box was placed in the newly-made land at the foot of East Ninety-fifth street to drain off the surface water.

October 12 to 14, 1896.—Under Secretary's Order No. 16628—A temporary drain-box was placed in the newly-made land at the foot of East Ninety-fourth street to drain off the surface water.

EAST NINETY-SIXTH STREET SECTION.

Under Unanimous Resolution of Board, October 31, 1889.

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

Section Length, 200.92 feet.

Wall substantially completed and in use, "E" course or Coping..... 200.57 feet.

Wall to be completed..... .35 "

Equivalent length of wall:

Completed..... 200.57 "

To be completed..... .35 "

General Charges.

DRAIN-BOX.

October 8 to 10, 1896.—Under Secretary's Order No. 16629—A temporary drain-box was placed in the newly-made land at the foot of East Ninety-sixth street to drain off the surface water.

EAST NINETY-NINTH STREET SECTION.

Unanimous Resolution of Board, June 20, 1895.

Bulkhead-wall Proper.

STONE-FILLING.

July 6 and 7, 27 to 31, August 22 to 29, September 9 to 11, and October 1 to 3, 1896.—Cobble-stone—1,735 cubic yards of cobble-stone were delivered and deposited on wall foundation by O'Brien Bros., under Contracts Nos. 525 and 539, and Treasurer's Orders Nos. 18683 and 18697. Prior to the filling being put in at the north end of the section the close row of piles was sheathed to hold the filling.

September 1 to October 6, 1896.—Rip-rap Stone—1,849 cubic yards of rip-rap stone were delivered and deposited in rear of the piling, by Brown & Fleming, under Treasurer's Order No. 18640, and by J. Frank Quinn, under Contract No. 544.

PILING AND WOODWORK.

May 1 to July 16, 1896.—Vertical Piling—256 vertical piles were driven, regulated and stay-lashed, and two (2) broken in driving.

August 22, 1896.—Three extra piles were driven (one second-hand) at north end of section from which to shore end shutters to build up a vertical joint in the bulkhead-wall; also piles were located by Divers by means of wire screens.

June 12 to 18 and July 22, 1896.—Bracing Piling—49 bracing piles were driven and regulated.

May 16 to August 26, 1896.—Binding Frames—5 binding frames were made, connected and put in place, fastened and choked with aid of Divers.

June 11, 18 and 19 and July 24, 1896.—Sawing Off Piles—98 foundation and 166 platform piles were sawed off with the pile-cutting machine, and the butts placed on the bulkhead between East Ninety-eighth and East Ninety-ninth streets for future disposal.

May 16 to July 24 and August 1 to 10, 1896.—Longitudinal Capping—399 lineal feet of longitudinal capping were placed, also bored for and drove 55 two-inch treenails.

May 26 to July 31 and August 1 to 24, 1896.—Transverse Capping—Piles were regulated for

and 46 transverse caps placed; also bored for and drove 280 two-inch and 137 three-inch treenails; placed key pieces on the caps and sawed off ends of caps to receive the granite.

November 12, 1896, January 4 to 30 and February 4, 1897.—Decking—Deck planks were placed and fastened on the transverse caps in rear of the bulkhead-wall.

MASONRY.

June 25 to 28, 1896.—Base Blocks and Mattresses—6 concrete base blocks were loaded on scows and transferred from the East Twenty-fourth street yard with the derrick "City of New York." Mattresses were prepared and placed on piles and 6 base blocks set with the aid of Divers.

June 29, 1896.—Chain Holes—The chain holes between the blocks were filled with concrete in bags, assisted by divers.

May 7, 1896.—Granite—Granite was handled on Pier foot of East Twenty-fifth street for use at this section.

July 9 and 10, 1896.—Levels were taken on the base blocks by the Surveying Party, assisted by Divers, preparatory to getting up granite bond.

November 25, 1896, to January 18, 1897.—149 pieces of granite (facing stones) were set in the wall with the 10-ton derrick.

September 2 to 4, 1896.—Concrete Backing—Mould boards were cleaned and repaired, and the close row of piles at northerly end of section was trimmed to receive the boards for a vertical joint in the wall.

November 27, 1896, to January 18, 1897.—420 batches of concrete backing were made and placed in rear of granite facing. Total batches of backing used on the southerly end of section 753.

January 6 to 8, and 12, and March 25 to April 3, 1897.—Pointing—728 lineal feet of joints in the granite facing were pointed.

EAST NINETY-NINTH STREET SECTION.

Under Unanimous Resolution of Board, June 20, 1895.

Recapitulation of Work Done on the Southerly End of East Ninety-ninth Street Section. In Lineal Feet of Wall. Plan of 1876.

Section Length, 364.42 Feet.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1896-1897.	Total to Date.	
Dredging.....	.....	300.	75.
Stone-filling—Cobble.....	122.	258.	83.
" Rip-rap.....	130.	270.	94.
Piling and woodwork—Vertical piles.....	145.	281.	83.
" Bracing piles.....	145.	269.	95.
" Binding frames.....	145.	269.	95.
" Sawing piles.....	145.	281.	83.
" Longitudinal capping.....	145.	269.	95.
" Transverse capping.....	145.	269.	95.
" Cap decking.....	145.	269.	95.
Masonry—Base blocks.....	145.26	275.49	85.93
" Chain holes.....	145.16	275.49	85.93
" "A" "B" course granite.....	137.71	258.74	105.68
" "C" course granite.....	132.74	253.77	110.65
" "D" course granite.....	128.87	249.89	114.53
" "E" course granite.....	125.03	246.06	118.30
" Concrete backing.....	135.15	252.40	112.02
" Coping.....	.....	63.38	.....
" Backing-log and bolt-holes.....	.....	63.38	.....
" Pointing.....	135.15	252.40	112.02
Earth-filling.....	10.	80.	248.42
Wall actually completed.....	125.03	246.06	118.30
Equivalent length of completed wall.....	102.	258.	106.42

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 Charges.

May 5, 1896.—Removing Old Sunken Piles—Old sunken pile butts were removed from the wall area by divers.

June 20 and 29, 1896.—Section Office—The Section Office was transferred from the East Ninety-first Street Section to the East Ninety-ninth Street Section and placed on the bulkhead for use of Assistant Engineer.

June 22, 1896.—Pile Butts—Pile butts were transferred to East One Hundred and Second Street Section and placed on the bulkhead for auction sale.

May 20 and 22 and July 6 and 10, 1896.—Inspecting Piles—Piles delivered on the work under Treasurer's Orders Nos. 18379 and 18587 were inspected and rafted.

August 26 to 28, 1896.—Rafting Material—Surplus timber and piles left over from the work were rafted and transferred to the East Twenty-fourth Street Yard.

August 28 to 31, 1896.—Tool-house—The tool-house was placed on a scow and transferred to and placed on the outer end of Pier foot of East Twenty-fourth street, and the tools placed in the storehouse.

Sept. 9 to 15, 1896, and April 20, 1897.—Temporary Fence—Temporary fence on the southerly side of East One Hundredth street and crossing the Marginal street, to protect pedestrians and vehicles, was repaired.

September 15 to 24, 1896.—Drain-box—A temporary drain-box was placed at the foot of East One Hundredth street, to drain off the surface water.

April 17 to May 1, 1897.—A temporary sewer-box was placed in the newly-made land, to connect with the terminus of permanent brick sewer.

Filling in Rear of Wall.

September 8, 1896.—Under Secretary's Order No. 13700—A washout in the embankment adjacent to the crosswalk and paving on the southerly side of East One Hundredth street was filled in.

January 29 to March 6, 1897.—Rip-rap stone (received free of charge) was laid up along the southerly side of East One Hundredth street, west of the Marginal street along the Harlem river for protection to permanent paving. (Done by the Department of Public Works.)

March 29 to April 22, 1897.—656 loads of earth-filling were received and graded in rear of the bulkhead-wall, from William F. Cunningham. Total loads received to date under this order, 10,580.

March 2 and April 13 to May 1, 1897.—Under Engineer's Order No. 17605—219 loads of earth-filling were received and placed in rear of the bulkhead-wall, from Daniel J. Gleason.

EAST ONE HUNDRED AND TENTH STREET SECTION.

Under Unanimous Resolution of Board, April 25, 1889.

Wall of 1876. In Lineal Feet of Wall.

Section Length, 855.82 Feet.

Wall substantially completed and in use..... 750.85 feet.

To be completed..... 104.97 "

Equivalent length of wall:

Completed..... 750.85 "

To be completed..... 104.97 "

EAST ONE HUNDRED AND SIXTEENTH STREET SECTION.

Unanimous Resolution of Board, May 29, 1896.

Bulkhead-wall Proper.

DREDGING.

June 17 to 21, 1896.—8,259 cubic yards of mud were excavated and removed from site of bulkhead-wall by the Morris & Cummings Dredging Company, under Contract No. 538.

Construction of Cofferdam.

PRELIMINARY WORK.

June 27 to July 13, 1896.—A 1—Rip-rap boulders, mud and sand were removed to make way to float pile-driver to drive pile tops on which to build a platform.

DAM PROPER.

July 10 to August 4, 1896.—B 1—The sheet piling was prepared by nailing on strips for tongue and groove; also sharpening one end wedge shape and butt ends to receive bands.

July 14 to October 9, 1896.—B 2—Sheet piles were driven for the coffer-dam.

November 2 to 9, 1896.—Clay puddle from the work was placed and rammed about the coffer-dam to stop leaks.

November 20 to December 2, 1896.—Seams in the sheet piling were caulked to stop leaks.

February 1, 1897.—Tools and tool-house were placed on a scow and transferred to the East Twenty-fourth street yard.

February 8, 1897.—Old worthless timber that came from the section work was placed on the bulkhead at the foot of East One Hundred and Second street, to be taken away by the people in the neighborhood.

August 26 to September 6, 1896.—B 3—The coffer-dam was shored from time to time as required during the progress of the work.

2. Excavating and Removing River Bottom Within Cofferdam.

July 17 to October 1, 1896.—A—Piles were driven and capped and a platform constructed thereon for a foundation for the derricks. The derricks were placed in position for handling the excavated material and engines were shifted from time to time as required.

August 25 to December 22, 1896.—B—Mud and water were pumped out to clear the coffer-dam. Boiler No. 5218 was tested October 15, 1896.

August 25 to November 30, 1896.—C—Excavated river bottom within coffer-dam placed outside the dam. Rip-rap stone was placed offshore from the coffer-dam to retain the excavated material.

January 20 to February 2, 1897.—D—6685 cubic yards of excavated material and retaining

bank of rip-rap placed outside of the coffer-dam were dredged and removed by the Morris & Cummings Dredging Company, under Contract No. 538.

MASONRY.

August 29 to October 26, 1896.—A—Platform on piles was constructed upon which a concrete mixing machine was placed, with necessary steam and water fittings and connections; also stiff-legged derrick, tracks and cars and tubs arranged to handle concrete and materials.

January 7 to 21, 1897.—The platform and plant removed after wall was completed, and materials, plant and piles sent to West Fifty-seventh Street Yard, and old platform material to outer end of Twenty-fourth Street Pier.

October 16, 1896, to January 14, 1897.—B 1—Water and earthy sediment were pumped from coffer-dam to admit the placing of foundation concrete. On completion of wall above high water the pulsometer and connections were removed and transferred to the West Fifty-seventh Street Yard.

November 1, 1896, to January 12, 1897.—B 2—The coffer-dam shoring was shifted from time to time to make way for concrete foundation. As the foundation masonry progressed toward high water the shoring was removed and sent to the East Twenty-fourth Street Pier.

November 10, 1896, to January 5, 1897.—B 3—Mould boards were made and placed to receive the concrete for the foundation and for backing up the granite.

October 16 to December 22, 1896.—B 4—1,101 batches of concrete were made in the concrete mixer and lowered in tubs by derricks into the coffer-dam, to build up foundation to receive the granite. Total batches placed, 1,124, and 4 batches of mortar to float off surface.

December 16, 1896, to January 6, 1897.—216 batches of concrete were made and placed to back up the granite set.

December 14, 1896, to January 6, 1897.—C—136 pieces of granite were set in the wall with the stiff-legged derricks.

January 19 to 30, 1897.—D—8 pieces of coping loaded and transferred on scows from Twenty-fourth Street Yard, 3 pieces of which were cut to dimension for closures.

March 15 to 18, 1897.—8 pieces of coping-stone were set.

March 18 to 21, 1897.—E—60 lineal feet of backing-log were placed and fastened to the bulkhead-wall with Ahlstrom bolts.

January 6 to 12 and March 19 and 23 to April 3, 1897.—F—653 lineal feet of the granite facing were pointed.

November 19 and 25 and December 4, 1896, and January 6 to 12, 1897.—4. Back Filling—44 loads of cobble were received, free of charge, and 403 cubic yards of rip-rap stone delivered and deposited in rear of the bulkhead-wall by J. Frank Quinn, under Contract No. 544.

EAST ONE HUNDRED AND SIXTEENTH STREET SECTION.

Under Unanimous Resolution of Board, of May 29, 1896.

Recapitulation of Work Done and to be Done on the East One Hundred and Sixteenth Street Section. In Lineal Feet of Wall. Special Plan. (Coffer-dam used.)

Section Length, 110.73 Feet.

WORK.	COMPLETED WALL.		WORK TO BE COMPLETED.
	1896-1897.	TOTAL TO DATE.	
	Feet.	Feet.	Feet.
Dredging foundation.....	110.73	110.73	....
Construction of coffer-dam, about.....	112.00	112.00	....
Excavating and removing river bottom within coffer-dam.....	110.73	110.73	....
Masonry—Foundation proper:			
Concrete in mass, including pumping.....	108.88	108.88	1.85
Shoring and placing moulds.....	108.88	108.88	1.85
Masonry—"C" course granite.....	108.88	108.88	1.85
"D" course granite.....	108.88	108.88	1.85
"E" course granite.....	108.88	108.88	1.85
"F" course granite.....	108.88	108.88	1.85
Back-filling.....	108.88	108.88	1.85
Wall actually completed.....	108.88	108.88	1.85
Equivalent length of wall, completed.....	108.88	108.88	1.85

NOTE.—This wall is substantially completed and in use. The sheathing forming sides of coffer-dam have been removed and timber stored.

General Charges.

August 15, 1896.—2. Old piling at south end of the section was removed. 3. Deflecting the Department of Public Works sewer.

July 17, August 1, September 3 to 19, October 28 to November 1, 1896.—A—Sections of the old temporary sewer-box were removed and replaced with new sections from time to time as it was necessary.

March 16, 1897.—The temporary sewer-box was removed.

August 1 to September 18, 1896.—B—Excavations were made and permanent manholes built, the brickwork having been done by James Brown under Treasurer's Order No. 18656.

September 2 to 5 and October 15 and 16, 1896.—C—Excavated for and placed pipes to connect with the sewer from manholes.

March 16 and 17, 1897.—Excavated for and made connection of sewer between the easterly manhole and the bulkhead-wall.

May 16 to 24, 1896.—Removal of Obstructions—Old piles were pulled up and platform removed.

June 23 and 24, 1896.—An old sunken craft was removed from the beach at the foot of East One Hundred and Sixteenth street, Harlem river, and placed on the outer end of the Pier foot of East Twenty-fourth street by the derrick "City of New York."

June 23 to July 1, 1896.—Temporary Fence—A temporary fence was put up and painted to prevent people from trespassing on the premises.

October 13 and 14, 1896.—A small gateway was placed in the temporary fence.

April 16, 1897.—The fence was extended to cover place previously occupied by office.

July 1, 1896.—Section Office—The Dock Master's office was removed from East One Hundred and Ninth street to East One Hundred and Sixteenth street for use of Assistant Engineer on the section, under Secretary's Order No. 16357.

July 30, 1896.—A telephone was placed in the office by the Metropolitan Telephone and Telegraph Company, under Secretary's Order No. 16436.

October 16, 1896.—A stove was placed in office of Assistant Engineer.

April 16, 1897.—The Section Office was transferred from the bulkhead to the East Twenty-fourth Street Yard.

August 3 to October 19, 1896.—Stiff-legged Derricks—Three stiff-legged derricks were made, painted and set up—one of which was broken—repaired and painted.

September 16 to 23, 1896.—Protecting Boilers and Engines—A shed was built about the engines and boilers for protection from weather.

September 19 to October 17, 1896.—Examination of Cofferdam—An examination of the coffer-dam was made by Diver to ascertain where it leaked.

September 16 to 19, 1896.—Closet—A closet was put up for use of employees on the work.

October 13 to 16, 1896.—Tool-house—A tool-rack was made and placed in the tool-house and a stove placed therein for use of employees.

FILLING-IN REAR OF WALL.

October 23 to Nov. 18, 1896.—Under Secretary's Order No. 16701—303 loads of earth-filling were received and placed on the westerly side of the coffer-dam, from H. J. Reilly.

February 16 to 27 and March 17 to 25, 1897.—Under Engineer's Order No. 17469—About 350 cubic yards of earth-filling were received and placed in rear of the bulkhead-wall, from William J. Tucker.

February 24 to 27, 1897.—Sample of Concrete—A sample of concrete was cut from the East One Hundred and Sixteenth street section-wall, from which tests were made to ascertain the character and virtue of machine-mixed concrete.

April 5 to 9, 1897.—Temporary Approach—A temporary plank approach was constructed to connect the new pier with the street paving at the foot of East One Hundred and Sixteenth street. BUILDING NEW PIER AT FOOT OF EAST ONE HUNDRED AND SIXTEENTH STREET, HARLEM RIVER.

Under Contract No. 558.—A new pier was built at the foot of East One Hundred and Sixteenth street, Harlem river, by John W. Flaherty. The total length outside of the established bulkhead line was about 193 feet 1 inch on the northerly side, and about 197 feet 6 inches on the southerly side of the pier, and 50 feet in width, covering an area of about 9,762½ square feet of land under water.

EAST ONE HUNDRED AND TWENTY-FIFTH STREET SECTION.

Under Unanimous Resolution of Board, March 28, 1889.

Recapitulation of Work Done and to be Done on the East One Hundred and Twenty-fifth Street Section. Plan—Special Construction.

Section Length, 367.27 Feet.

Wall substantially completed and in use.....	362.70 feet.
Wall to be completed.....	4.57 "
Equivalent length of wall:	
Completed.....	362.70 "
To be completed.....	4.57 "

SHERMAN'S CREEK, HARLEM RIVER.

The construction of a cribwork bulkhead, under Contract No. 533, was begun on August 3, 1896, and finished December 30, 1896. Work under Contract No. 560, for filling-in behind the cribwork, was begun on January 26, 1897, and is in progress.

MARGINAL STREET ALONG EAST RIVER AND HARLEM RIVER.

Between Tompkins Street and Pier 61, E. R.

LAYING TEMPORARY PAVEMENT.

March 9 to 16, 1897.—Under Secretary's Order No. 16987—Wooden curbing and posts were

placed to lines and grades on the boundary line for a roadway between Tompkins street and Pier 61, East river, as preliminary to paving, by James Quinn, under Treasurer's Order No. 18872.

April 21 to 29, 1897.—Under Treasurer's Order No. 18872—James Quinn paved an area of 400 square yards for a roadway between Tompkins street and Pier 61, East river, in accordance with this order (No. 16987).

November 1 to December 23, 1896.—Paving blocks were transferred from North river to Ninety-first street and unloaded on the bulkhead. Wooden curbing was placed on curb lines of East Ninety-first street across the marginal street, wharf or place, and the inclusive area of 511 square yards was paved by James Quinn, under Treasurer's Order No. 18782.

Between East Ninety-first and Ninety-second Streets.

March 31 to April 24, 1897.—Wooden curbing was placed parallel to and 25 feet westerly of line of coping between Ninety-first and Ninety-second streets, and the intermediate area of 350 square yards graded and paved by James Quinn, under Treasurer's Orders Nos. 18892-18904.

East One Hundredth Street, H. R.

December 9, 1896, to January 10, 1897.—Paving blocks were transferred from a scow to the bulkhead. Wooden curbing was placed on the curb-lines of East One Hundredth street, across the marginal street, wharf or place to pave up to, and the inclusive area of 416 square yards on the newly-made land was paved by James Quinn, under Treasurer's Order No. 18800.

February 6 to 9, 1897.—Second-hand paving-blocks left over from laying temporary pavement across the marginal street, wharf or place at the foot of East One Hundredth street, were placed on a scow and transferred to the bulkhead between East Ninety-first and Ninety-second streets.

TEMPORARY CONSTRUCTION UNDER "NEW PLAN."

New Pier between Piers, old 56 and 57, N. R.

March 30 to April 30, 1897.—Contract No. 569—Temporary pier between Piers, old 56 and 57; Gildersleeve and Rolf, contractors, preparing for and building temporary pier.

New Pier between Piers, old 58 and 59, N. R.

March 23 to April 30, 1897.—Contract No. 569—Temporary pier between Piers, old 58 and 59; Gildersleeve and Rolf, contractors, preparing for and building temporary pier.

WORK OF CONSTRUCTION NOT UNDER "NEW PLAN."

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

The work of repairing and extending a portion of pier was done by Gildersleeve and Rolf, under Contract No. 549. Begun November 9 and finished January 26.

West One Hundred and Forty-second to West One Hundred and Forty-fourth Street, N. R.

An addition was built to the existing bulkhead at above premises by New York Central and Hudson River Railroad Company, under permit of the Board. Begun February 16, 1896, and finished April 15, 1897.

West One Hundred and Forty-third Street, N. R.

Filling-in was placed at above premises and railroad tracks laid thereat by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 25, 1896, and finished April 15, 1897.

Pier, old 35, E. R.

Under Contract No. 567—The old pier and appurtenances near the foot of Catharine street, known as Pier, old 35, East river, were removed by Ronald Gillies. Begun February 20 and finished March 26, 1897.

The Watchman's house was transferred from Pier, old 36, to the East Twenty-fourth street yard. April 14, 1897.

East Sixty-fourth Street, E. R.

Foundations are being constructed for pier for the proposed Long Island Bridge by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894, and temporarily suspended.

Blackwell's Island, E. R.

Foundations are being constructed for the proposed Long Island Bridge, by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894, and temporarily suspended.

One Hundred and Thirty-eighth Street, H. R.

Filling is being placed west of Gerard avenue, on easterly side of Harlem river by Jordan L. Mott, under permit of the Board. Begun June 16, 1896 and in progress.

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

A dry wall or retaining embankment is being erected at above premises by John Cromwell, under permit of the Board. Begun August 16, 1895, and in progress.

Morris Heights, H. R.

Filling is being placed at the foot of Powell place, at above premises, by Gas Engine and Power Company, under permit of the Board. Begun June 1, 1896, and in progress.

Platforms, docks, etc., are being constructed at above premises by Gas Engine and Power Company, under permit of the Board. Begun October 1, 1896, and finished April 15, 1897.

Foundations are being erected at above premises and buildings placed thereon by Gas Engine and Power Company, under permit of the Board. Begun December 11, 1896, and in progress.

Piles were driven at above premises by Gas Engine and Power Company, under permit of the Board. Begun November 28, 1896, and finished December 1, 1896.

The boiler-house, smith shop and the building known as No. 4 were extended by Gas Engine and Power Company, under permit of the Board. Begun November 1, 1896, and finished April 15, 1897.

A platform was erected and a shed placed thereon at above premises, by New York Yacht and Engine Company, under permit of the Board. Begun November 21, 1896, and finished January 31, 1897.

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

A crib-bulkhead is being erected at above premises by Third Avenue Railroad Company, under permit of the Board. Begun January 15, 1897; in progress.

Willow Avenue, Bronx Kills.

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

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

Willow and Walnut Avenues, Bronx Kills.

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

Oak Point, Bronx River.

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

Pier foot of Third street, E. R.

Under Contract No. 561—The awning shed was removed from the Pier foot of East Third street and foundations for a recreation building constructed by Gildersleeve & Rolf. Begun February 10 and finished April 9, 1897.

BUILDING RECREATION STRUCTURE.

Under Contract No. 575—The recreation building at East Third Street Pier is being erected by R. H. Hood, contractor. Begun April 1, 1897; in progress.

STATEMENT OF REPAIRS, OTHER THAN DREDGING, FOR THE YEAR ENDING APRIL 30, 1897, EXCLUSIVE OF REPAIRS DONE FOR OTHER DEPARTMENTS.

NORTH RIVER.

Battery Wall.

Secretary's Order No. 16333.—Granite of the bulkhead-wall around the Battery boat-landing was pointed and repaired. June 26 to July 9, 1896.

Pier "A," N. R.

Secretary's Order No. 16075.—Necessary repairs to boat landing were made during the season. Begun June 2; Landing removed to West Fifty-seventh Street Yard December 15, 1896.

Secretary's Order No. 17124.—The boat-landing was placed and properly secured. Begun April 22, 1897; in progress.

Secretary's Order No. 16284.—The asphalt pavement on walk in front of pier was repaired. May 25 to June 16, 1896.

Secretary's Order No. 16334.—Signs forbidding the landing of boats, etc., were placed on outer end and south side of pier. Begun July 1 and finished July 31, 1896.

Secretary's Order No. 16478.—1 new oak fender-pile was driven and others refastened. This was damage done by fire-boat "New Yorker." Begun August 1 and finished August 3, 1896.

Secretary's Order No. 16669.—Under the above order furnished labor, fittings, steam-traps and necessary pipe and steam connections to rooms at Pier "A," North river, for use of Harbor Police; known as the sitting room of officers and carpenter shop.

Secretary's Order No. 16684.—Under the above order, placed a metal shield on the floor under gas-range in the restaurant on Pier A, North river, and placed gas stove upon an iron stand.

Secretary's Order No. 16917.—A fender-pile was driven and fastened on outer end of piers, chocks renewed and others refastened. Begun February 6 and finished February 10, 1897.

Secretary's Order No. 17160.—One oak spring pile was driven near outer end of pier; chocks repaired. Begun April 24 and finished April 26, 1897.

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

Engineer's Order.—The floating fender over front of bulkhead was put in place and properly fastened; used 75 pounds of chain. Begun and finished May 8, 1896.

Engineer's Order.—The floating fender was refastened; used 30 pounds of chain. Begun December 21 and finished December 26, 1896.

Between Pier "A" and West Eleventh Streets, N. R.

Secretary's Order No. 16036.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. March 23 to May 7, 1896.

Under Secretary's Order No. 16232.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. May 26 to June 24, 1896.

Under Secretary's Order No. 16344.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. June 25 to July 20, 1896.

Secretary's Order No. 16441.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. July 2 to September 1, 1896.

Under Secretary's Order No. 16501.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. September 2 to 29, 1896.

Under Secretary's Order No. 16640.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. September 29, 1896 to January 20, 1897.

Under Secretary's Order No. 16919.—Granite pavement was taken up and repaired and relaid to grade, where required from time to time. February 6 to April 20, 1897.

Under Secretary's Order No. 17092.—Granite pavement was taken up and repaired and relaid to grade, where required, from time to time. April 21, 1897, suspended.

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

Secretary's Order No. 15621.—Belgian block pavement was taken up and relaid to grade. November 12, 1896.

Secretary's Order No. 16353.—Granite pavement between piers was taken up and relaid to grade. August 4 to 5, 1896.

Secretary's Order No. 16718.—Belgian block pavement was taken up and relaid to grade where it had settled. October 28 to December 15, 1896.

Pier, new 20, N. R.

Secretary's Order No. 16584.—Granite pavement south of pier was taken up and relaid to repair water pipe to Chambers street office. October 10, 1896.

Pier, new 21, N. R.

Secretary's Order No. 16882.—Granite pavement north of pier was taken up and relaid to grade. October 14 to 22, 1896.

Pier, new 24, N. R.

Secretary's Order No. 16576.—Vitrified brick pavement in front of pier was taken up and granite pavement laid. September 18 to October 1, 1896.

Pier, new 25, N. R.

Secretary's Order No. 16653.—Vitrified brick pavement in front of pier was taken up and granite pavement laid. October 3 to 13, 1896.

Pier, old 42, N. R.

Secretary's Order No. 16015.—Sheathing on deck of pier was repaired. March 30 to October 26, 1896.

Secretary's Order No. 16550.—Connection was made with Croton water main on West street and pipe carried to outer end of pier and hydrants placed to supply tug-boats. September 4 to November 12, 1896.

Secretary's Order No. 16753.—Sheathing on deck of pier was repaired. November 28, 1896; suspended.

Secretary's Order No. 16812.—Granite pavement in front of pier taken up and relaid to grade. January 19 to February 18, 1897.

Secretary's Order No. 16882.—Repairs were made to water pipe and hydrants on pier. January 15 to February 1, 1897.

Engineer's Order.—Repairs were made to water pipe and hydrants on pier. April 13 to 14, 1897.

Pier, new 34, N. R.

Secretary's Order No. 16732.—Pavement and crosswalks in front of pier were taken up and relaid to grade. November 14 to 30, 1896.

Secretary's Order No. 16810.—Pavement adjoining westerly side of West street was taken up and relaid to grade. January 23 to February 23, 1897.

Secretary's Order No. 16811.—Pavement on bulkhead south of pier was taken up and relaid to grade. December 29, 1896, to January 4, 1897.

Piers, new 41 and 42, N. R.

Secretary's Order No. 16115.—Belgian block pavement in vicinity of tunnel was taken up and relaid to grade. April 13, 1896; March 2, 1897.

Pier, new 43, N. R.

Secretary's Order No. 16693.—Pavement and crosswalks in front of pier were taken up and relaid to grade. October 31, 1896, to March 2, 1897.

Secretary's Order No. 16754.—Islands on crosswalks north of pier were renewed and repaired. December 1, 1896, to February 13, 1897.

Pier, new 44, N. R.

Secretary's Order No. 16691.—Pavement and crosswalks in front of pier were taken up and relaid to grade. October 19 to 25, 1896.

Pier, new 46, N. R.

Secretary's Order No. 16690.—Pavement and crosswalks in front of pier were taken up and relaid to grade. October 22 to 31, 1896.

Pier, new 47, N. R.

Secretary's Order No. 17024.—100 feet of the southerly backing-log on north side of approach to pier was removed. March 19 to 20, 1897.

Secretary's Order No. 17090.—Sheathing on deck of approach to pier was repaired. April 7, 1897; suspended.

Secretary's Order No. 17123.—Southerly backing-log on north side of approach to pier was entirely removed. April 21, 1897.

West Tenth Street and Charles Lane, N. R.

Secretary's Order No. 16005.—Belgian block pavement in front of oyster-boats was taken up and relaid to grade, May 14, 1896, to April 8, 1897.

Pier, old 54, N. R.

Secretary's Order No. 16135.—Sheathing on the deck of platform south of pier was repaired. April 21 to May 6, 1896.

Secretary's Order No. 16776.—Sheathing on deck of pier was repaired. December 10, 1896, to March 16, 1897.

Secretary's Order No. 16985.—Sheathing on deck of pier was repaired. May 1 to 4, 1896.

Secretary's Order No. 17022.—Sheathing on deck of pier was repaired. March 20, 1897; suspended.

Pier foot of Eleventh Street, N. R.

Secretary's Order No. 16404.—The pier was fenced off from public use with second-hand material. Begun August 4 and finished August 5, 1896.

Bulkhead South of Bethune Street, N. R.

Secretary's Order No. 16165.—Mooring-posts were set and backing-log repaired. Begun and finished September 14, 1896.

Bulkhead between West Twelfth and Bloomfield Streets, N. R.

Secretary's Order No. 16700.—The pavement on bulkhead was graded and repaired. Begun October 21 and finished October 23, 1896.

Pier foot of Horatio Street, N. R.

Secretary's Order No. 16259.—The pavement at entrance to pier was graded and repaired; used 150 feet, board measure, of yellow pine. Begun May 22 and finished May 26, 1896.

Secretary's Order No. 16405.—The pier was fenced off from public use with second hand material. Begun July 25 and finished July 27, 1896.

Pier, old 57, Bogart Street, N. R.

Secretary's Order No. 15962.—Sheathing on dock and temporary pavement in front of pier was repaired. March 3 to May 2, 1896.

Pier, old 57, N. R.

Secretary's Order No. 16348.—Spring piles were refastened, vertical and horizontal chocks put on, sheathing patched and pavement at entrance to pier repaired. Used 180 feet, B. M., of yellow pine. Begun July 1 and finished July 6, 1896.

Secretary's Order No. 16697.—The pavement at entrance to pier was graded and repaired. Begun October 19 and finished October 20, 1896.

Secretary's Order No. 16757.—Spring piles were refastened, chocks put on, backing-log repaired and sheathing patched. Begun December 4 and finished December 7, 1896.

Secretary's Order No. 16860.—The gangway and chocks were repaired. Used 66 feet, B. M., of 3-inch spruce. Begun and finished January 11, 1897.

Secretary's Order No. 16959.—Plank in gangway was renewed. Begun and finished March 1, 1897.

Secretary's Order No. 17114.—Chocks and sheathing on pier were repaired, in conjunction with work on Pier, old 58. Used 1,307 feet, B. M., of 3-inch spruce. Begun April 23 and finished April 29, 1897.

Bulkhead between Piers, old 57 and 58, N. R.

Secretary's Order No. 16399.—Three piles were driven for protection of oyster scows, and repaired backing-log. Begun July 13 and finished July 14, 1896.

Secretary's Order No. 16490.—Oyster-boat protecting piles were pulled, backing-log and cleats renewed. Begun August 7 and finished August 12, 1896.

Secretary's Order No. 16546.—The surface of bulkhead was patched with 1,010 feet, B. M., of 3-inch yellow pine. Begun September 5 and finished September 8, 1896.

Secretary's Order No. 16648.—The sheathing on bulkhead was patched with second-hand material. Begun and finished October 2, 1896.

Secretary's Order No. 16704.—Two cleats were placed and fastened on bulkhead backing-log. Begun October 22 and finished October 23, 1896.

Secretary's Order No. 17170.—The sheathing on platform was patched. Used 530 feet, B. M., of 3-inch spruce. Begun April 29 and finished April 29, 1897.

Pier, old 58, near the foot of Bloomfield Street, N. R.

Secretary's Order No. 16679.—Chocks on sides of pier were repaired and refastened. Begun and finished October 15, 1896.

Secretary's Order No. 16758.—The sheathing on pier was patched with 2,135 feet, B. M., of 3-inch spruce. Begun December 4 and finished December 8, 1896.

Secretary's Order No. 17114.—The fenders and sheathing on Pier, old 58, were repaired in conjunction with work on Pier, old 57. Begun April 23 and finished April 29, 1897.

Bulkhead south of Little West Twelfth Street, N. R.

Secretary's Order No. 16817.—The backing-log was moved and repaired and fastened in proper place. Begun and finished December 9, 1896.

Pier, old 59, N. R.

Secretary's Order No. 16902.—An old sunken pile on southerly side of pier was removed; also wreck of old canal boat. Begun January 19 and finished January 20, 1897.

Secretary's Order No. 16945.—Half-round fenders were placed on bulkhead and fastened and pavement thereat repaired. Begun February 11 and finished February 16, 1897.

Pier foot of Thirteenth Street, N. R.

Secretary's Order No. 16509.—The sheathing on pier was patched with 9,449 feet B. M., of 3-inch yellow pine. Begun August 13 and finished September 1, 1896.

Secretary's Order No. 16643.—Bearing piles were driven, caps, rangers and chocks placed and fastened, and the sheathing repaired; used 12,836 feet B. M. of yellow pine. Begun October 2 and finished October 16, 1897.

Pier Foot of Nineteenth Street, N. R.

Secretary's Order No. 16518.—The sheathing on pier was patched with 988 feet B. M. of 3-inch yellow pine; pavement at entrance was also repaired. Begun August 27 and finished September 15, 1896.

Secretary's Order No. 16878.—Guards and protectors were placed around hydrants at the outer end of pier. January 16 to 20, 1897.

Secretary's Order No. 17064.—Sheathing on deck of pier was repaired, and the pavement at inner end of pier was taken up and relaid where filling had washed away. March 31, 1897; March 29 to April 1, 1897.

Pier foot of Twentieth Street, N. R.

Secretary's Order No. 16632.—Chocks on sides of pier were repaired and refastened. Begun and finished October 16, 1896.

Secretary's Order No. 16822.—The sheathing on pier was patched with 334 feet, B. M., of 3-inch spruce. Begun and finished December 19, 1896.

Secretary's Order No. 16861.—The sheathing on pier was patched and chocks repaired and refastened. Used 66 feet, B. M., of 3-inch spruce. Begun and finished January 11, 1897.

Pier, new 53, N. R.

Material was removed from pier to make way for ferry structure, placed on scow and taken to Perry street. November 12 to 16, 1896.

Secretary's Order 16885.—Fence erected in front of pier to protect sewer was extended 4 feet easterly to protect pavement being laid, under Contract No. 545. January 16 to 19, 1897.

Secretary's Order No. 16304.—The boat landing at Twenty-fourth street, North river, was towed to West Fifty-seventh Street Yard, broken up and the old material removed. Begun June 6 and finished June 19.

Between Piers, new 55 and 56, N. R.

Secretary's Order No. 17030.—Belgian block pavement, curb and bridge stones on new-made land between piers were taken up and stored, to allow area to be filled to grade of Thirteenth avenue, by J. B. & J. M. Cornell. March 30 to April 7, 1897.

Pier, new 56, N. R.

Secretary's Order No. 16722.—Spring-piles and bearing-piles were pulled to place and refastened. Begun January 12 and finished January 14, 1897.

Secretary's Order No. 16868.—Temporary plank approach was laid leading from pavement on Thirteenth avenue to old approach to pier. January 9, 1897; suspended.

Pier, new 57, N. R.

Secretary's Order No. 15715.—Temporary box-drain was placed under pavement on approach to pier. December 3, 1895, to June 17, 1896.

Secretary's Order No. 16321.—Belgian block pavement on approach to pier was taken up and relaid to grade. June 16 to 19, 1896.

Secretary's Order No. 16390.—Belgian block pavement in front of pier was taken up and relaid to grade. July 10 to 13, 1896.

Secretary's Order No. 16871.—Belgian block pavement on approach to pier was taken up and relaid. March 9 to 18, 1897.

Secretary's Order No. 16910.—Belgian block pavement on approach to pier was taken up and relaid to grade. March 6 to 18, 1897.

Piers, new 58, 59 and 60, N. R.

Secretary's Order No. 16686.—Belgian block pavement between pier was taken up and relaid to grade. December 18, 1896, to March 16, 1897.

Pier, new 60, N. R.

Secretary's Order No. 16421.—Corner spring-piles were refastened, chocks renewed where necessary, sheathing patched. Used 395 feet, B. M., of yellow pine, 1,500 feet, B. M., of 3-inch spruce and 50 pounds of chain. Begun July 16 and finished July 21, 1896.

Secretary's Order No. 16442.—The sewer under pier was repaired. Used 900 feet, B. M., of creosoted staves. Begun September 2 and finished September 5, 1896.

Secretary's Order No. 16563.—The sewer under pier was repaired. Used 1,600 feet, B. M., of creosoted staves. Begun September 12 and finished September 15, 1896.

Secretary's Order No. 16727.—The sheathing on pier was patched with 5,002 feet, B. M., of 3-inch spruce. Begun November 4 and finished November 9, 1896.

Secretary's Order No. 17021.—New oak spring-piles were driven, fenders and chocks repaired and renewed where necessary, mooring-posts set and the sheathing repaired. Used 308 feet, B. M., of yellow pine and 6,038 feet, B. M., of 3-inch spruce. Begun March 17 and finished March 26, 1897.

Secretary's Order No. 17139.—Three oak spring-piles were driven, chocks and fenders renewed and armature plate refastened. Used 1,112 feet, B. M., of yellow pine. Begun April 17 and finished April 21, 1897.

Pier foot of Thirty-fourth Street, N. R.

Secretary's Order No. 16452.—The sign on outer end of pier, notifying that none but excursion boats allowed to land, was repaired and refastened. Begun and finished July 25, 1896.

Secretary's Order No. 16562.—Awning shed at outer end of pier was painted, under Treasurer's order, by James Leacock. September 2 to 24, 1896.

Pier foot of Forty-third Street, N. R.

Secretary's Order No. 16272.—Danger signs were placed and fastened on pier. Begun May 23 and finished May 25, 1896.

Pier and Approach at Forty-fourth Street, N. R.

Secretary's Order No. 16394.—The approach was raised to proper grade and replanked and sheathing on pier patched. Used 3,655 feet, B. M., of 3-inch and 4-inch yellow pine. Begun September 2 and finished September 12, 1896.

Secretary's Order No. 16852.—The crib approach was repaired, close piling in front, braces and ties renewed, filling in and grading with stone and earth. Begun January 2 and finished January 9, 1897.

Secretary's Order No. 16980.—The sheathing on pier was patched with 4,503 feet, B. M., of 3-inch and 4-inch spruce. Begun February 27 and finished March 4, 1897.

Pier foot of Forty-seventh Street, N. R.

Secretary's Order No. 16273.—The sheathing on pier was patched. Used 6,512 feet, B. M., of 3-inch spruce. Begun June 5 and finished June 9.

Secretary's Order No. 16395.—Fender-piles were pulled, spliced and redriven, vertical chocks put on, backing-log repaired and sheathing on pier and approach patched. Used 20,007 feet, B. M., of 3-inch spruce. Begun July 10 and finished July 28, 1896.

Secretary's Order No. 16661.—The sheathing on pier was patched. Used 7,555 feet, B. M., of 3-inch spruce. Half-round fenders were put on. Used 499 feet, B. M., of yellow pine. Begun October 7 and finished October 28, 1896.

Secretary's Order No. 16903.—The sheathing on pier was patched. Used 4,246 feet, B. M., of 3-inch spruce. Begun January 22 and finished February 26, 1897.

Pier North of Forty-eighth Street, N. R.

Secretary's Order No. 16881.—The pier was fenced off from public use. Begun January 15 and finished January 16, 1897.

Pier foot of Fiftieth Street, N. R.

Secretary's Order No. 16721.—The sheathing on pier was patched. Used 6,243 feet, B. M., of 3-inch and 4-inch spruce. Begun November 10 and finished November 13, 1896.

Secretary's Order No. 17047.—Spring piles were driven, backing-log, chocks and fenders repaired and renewed where necessary; and the sheathing on pier was patched. Used 14,400 feet, B. M., of yellow pine. Begun April 13 and finished April 23, 1897.

Pier foot of Fifty-first Street, N. R.

Secretary's Order No. 16451.—Two new oak fender piles were driven near outer end of pier, and other loose ones were refastened. Begun July 22 and finished July 24, 1896.

Pier foot of Fifty-second Street, N. R.

Secretary's Order No. 16347.—Spring piles on outer corners of pier were pulled, spliced and redriven and properly refastened. Used 468 feet, B. M., of yellow pine. Begun June 25 and finished June 30, 1896.

Secretary's Order No. 16561.—Awning shed at outer end of pier was painted by James Leacock, under Treasurer's Order. September 24 to October 1, 1896.

Secretary's Order No. 16739.—Repairs were made to the backing-logs and chocks of pier. November 4 to 6, 1896.

West Fifty-fourth Street.

Secretary's Order No. 16299.—Belgian block pavement on approach to pier was taken up and relaid to grade. June 13 to 15, 1896.

Secretary's Order No. 17703.—Spring piles on outer end of pier refastened and sheathing on pier was patched. Used 9,191 feet, B. M., of 3-inch and 4-inch spruce. Begun December 17 and finished December 31, 1896.

Pier foot of Fifty-fifth Street, N. R.

Secretary's Order No. 17704.—Sheathing on surface of pier and horizontal sheathing on outer end of pier were repaired. Used 705 feet, B. M., of 3-inch and 4-inch spruce. Begun December 15 and finished December 18, 1896.

Pier foot of Fifty-sixth Street, N. R.

Secretary's Order No. 16043.—The sheathing on pier was patched. Used 12,499 feet, B. M., of 3-inch spruce. Begun May 25 and finished June 4, 1896.

West Fifty-sixth Street.

Secretary's Order No. 16243.—Belgian block pavement on approach to pier was taken up and relaid to grade. May 26 to June 23, 1896.

Secretary's Order No. 16905.—The sheathing on pier was patched. Used 19,633 feet, B. M., of 3-inch spruce. Begun March 9 and finished March 27, 1897.

Bulkhead between Seventy-seventh and Seventy-eighth Streets, N. R.

Secretary's Order No. 16244.—Half round fenders were placed along front of bulkhead. Begun July 18 and finished July 22, 1896.

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

Secretary's Order No. 15987.—The horizontal sheathing on outer end of pier was refastened. Begun July 23 and finished July 24, 1896.

Secretary's Order No. 16220.—Half-round fenders were made and placed on southerly side of pier. Begun July 23 and finished July 24, 1896.

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

Secretary's Order No. 16252.—Half-round fenders were placed and fastened along the front of bulkhead. Begun June 25 and finished July 17, 1896.

Secretary's Order No. 17058.—A mooring-post was renewed on the bulkhead and properly fastened. Begun and finished March 30, 1897.

Foot of Ninety-sixth Street, N. R.

Secretary's Order No. 16393.—The pavement at foot of street was graded and repaired. Begun July 13 and finished July 20, 1896.

Secretary's Order No. 17066.—The pavement at foot of street was graded and repaired. Begun April 24, 1897; in progress.

Bulkhead between Ninety-eighth and Ninety-ninth Streets, N. R.

Secretary's Order No. 16876.—The bulkhead was cleaned and earth thereat graded. Begun January 22 and finished February 11, 1897.

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

Secretary's Order No. 17147.—New sheathing was laid on surface of pier. Used 10,245 feet, B. M., of 3-inch and 4-inch spruce. Begun April 24, 1897; in progress.

Bulkhead foot One Hundred and Thirtieth Street, N. R.

Secretary's Order No. 16130.—The pavement in rear of bulkhead was graded and repaired. Begun September 10 and finished October 8, 1896.

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

Secretary's Order No. 16477.—The piling was refastened and projecting spikes driven in. Begun August 4 and finished August 6, 1896.

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

Secretary's Order No. 16165.—The pavement along the bulkhead was graded and repaired. Begun May 27 and finished July 2, 1896.

Secretary's Order No. 16792.—The pavement on bulkhead was graded and repaired. Begun November 24 and finished November 28, 1896.

Bulkhead foot One Hundred and Thirty-second Street, N. R.

Secretary's Order No. 16792.—The pavement thereat was graded and repaired. Begun November 24 and finished November 28, 1896.

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

Contract No. 572, Steers & Bensel, contractors.—Repairing and extending Pier foot of One Hundred and Thirty-second street, North river. Begun April 6, 1897; in progress.

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

Secretary's Order No. 16177.—The bulkhead pavement was graded and repaired. Finished May 9, 1896.

Pier Foot One Hundred and Thirty-eighth Street, N. R.

Secretary's Order No. 16551.—Fender piles were driven and fastened; chocks were renewed where necessary. Begun September 15 and finished September 17, 1896.

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

Secretary's Order No. 16997.—Repairing the sheathing on pier. Begun April 30, 1897; in progress.

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

Secretary's Order No. 16349.—This cribwork pier was cleaned and leveled off. Begun July 7 and finished July 11, 1896.

EAST RIVER.

Pier New 6, E. R.

Secretary's Order No. 16345.—The sheathing on pier was patched. Used 20,031 feet, B. M., of 3-inch spruce. Begun June 27 and finished July 7, 1896.

Secretary's Order No. 16519.—The pavement at entrance to pier was graded and repaired. Begun September 8 and finished September 9, 1896.

Secretary's Order No. 16728.—Loose spring piles, fenders and chocks were put in place and refastened; the sheathing on pier also was patched. Used 75 pounds of chain and 1,128 feet, B. M., of 3-inch spruce. Begun December 3, 1896, and finished January 15, 1897.

Secretary's Order No. 16756.—A 4-inch wrought iron water pipe was placed at Pier, new 6, East river, for supplying tug boats with water. The water was turned on January 13, 1897.

October 30, 1896, to January 15, 1897.

Engineer's Order.—The drips in Croton water pipe under the pier were plugged. (The drips were placed in the pipe to prevent the water from freezing during the winter months.) April 12 to 14, 1897.

Secretary's Order No. 17111.—Repairs were made to the pavement which was taken up in frosty weather in front of Pier, new 6, East river, to lay water pipe for use of towboats. Begun April 21 and finished April 23, 1897.

Bulkhead between Piers 11 and 12, E. R.

Secretary's Order No. 16351.—The pavement on bulkhead was graded and repaired. Begun June 20 and finished June 22, 1896.

Pier 12, E. R.

Engineer's Order.—Dangerous holes in deck of west half of pier were repaired with second-hand material. Begun and finished May 27, 1896.

The sheathing on deck of wharf of pier was patched. Used 31,558 feet, B. M., of 3 inches and 4 inches spruce. Begun June 15 and finished June 26, 1896.

Bulkhead west of Pier 19, E. R.

Secretary's Order No. 16354.—The pavement thereat was graded and repaired. Begun and finished June 23, 1896.

Pier 19, E. R.

Secretary's Order No. 16515.—Piles were driven, mooring-posts, backing-log, chocks and braces renewed, and sheathing patched. Used 4,003 feet, B. M., of yellow pine. Begun August 14 and finished September 3, 1896.

Pier, new 29, E. R.

Secretary's Order No. 16220.—Pavement at entrance to pier repaired, chocks on pier were renewed where necessary and sheathing patched. Used 690 feet, B. M., of yellow pine and 11,942 feet, B. M., of 3-inch yellow pine. Begun May 8 and finished June 22, 1896.

Secretary's Order No. 16300.—The pavement at entrance to pier was graded and repaired. Begun June 3 and finished June 4, 1896.

Secretary's Order No. 16503.—2 new oak spring piles were driven, chocks put on where necessary. Used 107 feet, B. M., of yellow pine. Begun August 29 and finished August 31, 1896.

Secretary's Order No. 16571.—The tool-box on this pier was repaired. Begun and finished September 12, 1896.

Secretary's Order No. 17072.—The pavement at entrance to pier was graded and repaired, and sheathing on pier patched. Used 2,564 feet, B. M., of 3-inch yellow pine. Begun April 1 and finished April 16, 1897.

Bulkhead between Piers 35 and 36, E. R.

Secretary's Order No. 16475.—The premises were fenced off from public use with second-hand material. Begun July 31 and finished August 1, 1896.

Pier, new 32, E. R.

Secretary's Order No. 16227.—The sheathing on pier was patched with 7,525 feet, B. M., of 3-inch yellow pine, and used 251 feet, B. M., of yellow pine for chocks. Begun May 8 and finished May 18, 1896.

Secretary's Order No. 16580.—Backing-log, fenders and chocks were renewed and sheathing patched. Used 678 feet, B. M., of yellow pine and 2,028 feet, B. M., of 3-inch spruce. Begun September 28 and finished September 30, 1896.

Pier 43, E. R.

Secretary's Order No. 16346.—The sheathing on pier was patched with 7,055 feet, B. M., of 3-inch spruce. Begun July 10 and finished July 14, 1896.

Secretary's Order No. 16783.—A new gangway was cut. Old gangway closed and sheathing on pier patched. Used 1,223 feet, B. M., of 3-inch spruce. Begun December 17, 1896, and finished January 4, 1897.

Pier 44, E. R.

Secretary's Order No. 16574.—7 new oak fender piles were driven and necessary chocks put on. Used 835 feet, B. M., of yellow pine. Begun September 18 and finished September 23, 1896.

Pier 48, E. R.

Secretary's Order No. 16162.—Bearing piles were driven, mooring posts set, backing-log and chocks repaired. Used 1,515 feet, B. M., of yellow pine. Begun April 29 and finished May 6, 1897.

Secretary's Order No. 16352.—The pavement at entrance to pier was graded and repaired. Begun and finished June 24, 1896.

Secretary's Order No. 16581.—The sheathing on pier was patched with 4,988 feet, B. M., of 3-inch yellow pine. Begun September 22 and finished September 26, 1896.

Secretary's Order No. 16725.—Chocks and half round fenders were renewed, spring-piles refastened and sheathing patched. Used 2,035 feet, B. M., of 3-inch spruce. Begun December 16, 1896, and finished January 2, 1897.

Pier 55, E. R.

Secretary's Order No. 16419.—The sheathing on pier was patched with 7,013 feet, B. M., of 3-inch spruce. Begun July 29 and finished August 4, 1896.

Secretary's Order No. 17038.—The backing-log was repaired, chocks renewed and repaired, where necessary, and sheathing on pier patched. Used 743 feet, B. M., of yellow pine and 2,828½ feet, B. M., of 4-inch spruce. Begun March 27 and finished April 2, 1897.

Pier 61, E. R.

Secretary's Order No. 16397.—The sheathing on pier was patched with 4,125 feet, B. M., of 3-inch spruce. Begun July 27 and finished July 30, 1896.

Secretary's Order No. 16525.—Fender-chocks on the south side of the pier were repaired. Begun and finished August 26, 1896.

Secretary's Order No. 16726.—The sheathing on the southerly side of the pier and the plank approach leading to it were repaired. Begun November 9 and finished November 16, 1896.

Secretary's Order No. 16998.—Projecting bolts and spikes were driven in and fenders repaired and refastened. Begun March 17 and finished March 18, 1897.

Pier, old 62, at Stanton Street, E. R.

Secretary's Order No. 16450.—A loosened fender-pile at the northeast corner was refastened. Begun and finished July 25, 1896.

Secretary's Order No. 16523.—Fender-chocks and sheathing were repaired. Begun August 24 and finished August 26, 1896.

Secretary's Order No. 16761.—Four additional oak fenders were placed on the inner northerly side of the pier. Begun November 13 and finished November 16, 1896.

Secretary's Order No. 16886.—Fender-piles and fender-chocks about the pier were refastened to place. Begun and finished January 26, 1897.

Pier at Third Street, E. R.

Secretary's Order No. 16201.—The sheathing on pier was patched with 8,043 feet, B. M., of 4-inch spruce. Used 98 feet, B. M., of yellow pine for chocks. Begun June 9 and finished June 15, 1896.

Secretary's Order No. 16603.—Vertical and horizontal fender-chocks were replaced; vertical fender-chocks and 2 bearing-piles were repaired. Begun September 22 and finished September 26, 1896.

Foot of East Fourth Street.

Contract No. 550.—The crib-bulkhead at the foot of East Fourth street was repaired by Henry D. Steers. Begun January 1 and finished January 27, 1897.

An examination for obstructions was made by Diver after completion of repairs in area adjacent to the crib-bulkhead. Several old crib-timbers were found and removed by Department's force. January 28 to February 2, 1897.

Pier at Fifth Street, E. R.

Secretary's Order No. 16401.—The sheathing on pier was patched with 3,275 feet, B. M., of 3-inch yellow pine and 1,295 feet, B. M., of 3-inch spruce. Begun August 11 and finished August 17, 1896.

Secretary's Order No. 16627.—The sheathing on pier was patched with 1,054 feet, B. M., of 3-inch spruce. Begun November 14 and finished November 16, 1896.

Pier foot of East Fifth Street.

Contract No. 566.—The Pier at the foot of East Fifth street was repaired by William H. Jenks, contractor. Begun February 16 and finished April 17, 1897.

After completion of repairs to the above pier an examination for obstructions was made by Department Diver over an area of 30 feet in width adjacent to the outermost and northerly side of the pier; 2 old sunken piles were removed. April 19 to April 21, 1897.

Pier foot of East Twenty-fourth Street.

Secretary's Order, No. 16520.—The sheathing on the inner end of the pier was repaired. Begun September 3 and finished September 10, 1896.

Secretary's Order No. 16943.—The sheathing on the inner end of the pier was repaired. Begun February 10 and finished March 30, 1897.

Automatic Tide-gauge at East Twenty-fifth Street, E. R.

A new tin roof was put on the tide gauge-house located on Pier foot of East Twenty-fifth street, by Hull, Grippen & Co., under Treasurer's Order, No. 18887, and the interior of house was painted by Department labor. The tide-gauge, having been broken, was repaired. Also a tide gauge-house was placed on the new Pier foot of East One Hundred and Sixteenth street, Harlem river.

Pier foot East Twenty-sixth Street.

Secretary's Order No. 16240.—Three 8-inch by 8-inch chocks on the southerly side of the pier, having been displaced, were refastened. Begun May 19 and finished May 21, 1896.

Secretary's Order No. 16524.—Fender-chocks on the northerly side of the pier were repaired. Begun and finished August 24, 1896.

Secretary's Order No. 16887.—The sheathing on the inner end of the pier was repaired. Begun March 6 and finished March 9, 1897.

Secretary's Order No. 17076.—Replaced, fastened and chocked one broken oak spring fender-pile on the northerly side of the pier, and replaced two other damaged fender-pile chocks. Begun April 12 and finished April 13, 1897.

Pier foot of East Twenty-eighth Street.

Secretary's Order 15719.—The sheathing on the pier was repaired. April 3, May 13, July 20 to 24, August 18, September 16 to 24 and October 23 to 25, 1896. This order still open for repairs.

Secretary's Order No. 16418.—The backing-log was repaired and replaced; the side chocking repaired in several places and two fender-piles were driven, chocked and fastened to place. Begun July 20 and finished July 27, 1896.

Secretary's Order No. 16493.—Damage done to the pier by scow "M. Goodwin" was repaired and cost of same reported for collection. Begun and finished August 7, 1896.

Secretary's Order No. 16527.—Side chocks about the pier were repaired. Begun and finished August 24, 1896.

Secretary's Order No. 17705.—The gate valve on the bulkhead was repaired. Begun November 30 and finished December 3, 1896.

Secretary's Order No. 16890.—The vertical and horizontal fender chocking on the northerly side of the pier were renewed, repaired and refastened where necessary. Begun January 21 and finished January 25, 1897.

Pier at Twenty-ninth Street, E. R.

Secretary's Order No. 16805.—The sheathing on surface of pier was patched with 5,102 feet, B. M., of 3-inch and 4-inch spruce. Begun December 10 and finished December 17, 1896.

Pier foot of East Thirty-third Street.

Secretary's Order No. 16692.—The sheathing on the pier was repaired. Begun October 26 and finished November 9, 1896.

Pier foot of East Thirty-fifth Street.

Secretary's Order No. 16688.—Horizontal and vertical chocks were refastened to place where loose about the pier. Begun October 21 and finished October 22, 1896.

Pier at Thirty-eighth Street, E. R.

Secretary's Order No. 16542.—Fender piles and chocks were renewed and sheathing patched. Used 5,785 feet, B. M., of 3-inch yellow pine. Begun September 1 and finished September 5, 1896.

Secretary's Order No. 16709.—The sheathing on pier was patched and pavement at entrance repaired. Used 5,020 feet, B. M., of 3-inch spruce. Begun November 17 and finished November 27, 1896.

Engineer's Order.—Loose and projecting spikes were properly redriven. Begun and finished December 29, 1896.

Pier foot of East Twenty-ninth Street.

Secretary's Order No. 16535.—Side chocks about the pier were repaired. Begun September 1 and finished September 3, 1896.

Pier at Forty-sixth Street, E. R.

Secretary's Order No. 16372.—Two spring-piles were driven and fastened and sheathing patched. Used 75 pounds of chain and 520 feet, B. M., of 3-inch spruce. Begun July 3 and finished July 7, 1896.

Bulkhead at Fifty-fourth Street, E. R.

Secretary's Order No. 16510.—The sheathing on approach was patched with 3,150 feet, B. M., of 3-inch yellow pine. Begun August 18 and finished August 21, 1896.

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

Secretary's Order No. 16504.—The sheathing on bulkhead was patched with 2,500 feet, B. M., of 3-inch yellow pine. Begun August 21 and finished August 25, 1896.

Secretary's Order No. 17007.—The sheathing on bulkhead was patched. Used 2,585 feet, B. M., of 3-inch yellow pine. Begun and finished April 6, 1897.

Pier at Sixty-first Street, E. R.

Secretary's Order No. 16508.—The pavement at entrance was repaired and sheathing on pier patched with 1,096 feet, B. M., of 3-inch yellow pine. Begun August 22 and finished August 31, 1896.

Secretary's Order No. 16889.—Horizontal chocks replaced and vertical chocks refastened; also refastened chocks about fender piles on the northeast corner of the pier. Begun and finished January 25, 1897.

Secretary's Order No. 17001.—Surface of pier and approach was repaired. Used 1,756 feet, B. M., of 3-inch yellow pine and 983 feet, B. M., of 4-inch spruce. Begun April 2 and finished April 5, 1897.

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

Secretary's Order No. 17006.—Sheathing on platform was patched with 627 feet, B. M., of 3-inch yellow pine. Begun April 1 and finished April 2, 1897.

Pier at Sixty-second Street, E. R.

Secretary's Order No. 17005.—The sheathing on pier was patched. Used 1,477 feet, B. M., of 4-inch spruce. Begun March 29 and finished April 1, 1897.

Foot of Seventy-fifth Street, E. R.

Secretary's Order No. 16335.—The rip-rap wall at foot of street was relaid and properly repaired. Begun July 21 and finished July 23, 1896.

Secretary's Order No. 16420.—One new oak fender pile was driven and backing-log on pier repaired. Begun July 25 and finished July 27, 1896.

Secretary's Order No. 16788.—The sheathing on platform was repaired with second-hand material. Begun and finished December 21, 1896.

Pier foot Seventy-sixth Street, E. R.

Secretary's Order No. 16416.—The sheathing on pier was patched with 2,223 feet, B. M., of 3-inch spruce. Begun August 6 and finished August 10, 1896.

Secretary's Order No. 16787.—The sheathing on pier roadway was patched with 1,040 feet, B. M., of 3-inch spruce. Begun and finished December 19, 1896.

Bulkhead foot of Seventy-sixth Street, E. R.

Secretary's Order No. 16936.—Two oak spring-piles were driven and sheathing on surface of bulkhead patched with 850 feet, B. M., of 3-inch spruce. Begun March 8 and finished March 9, 1897.

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

Secretary's Order No. 16417.—Loose chocks near outer end of pier were refastened and sheathing patched. Used 1,000 feet, B. M., of 3-inch spruce. Begun July 29 and finished July 30, 1896.

Secretary's Order No. 16491.—The box sewer under pier was repaired. Used 1,040 feet, B. M., of 3-inch spruce, and 1,021 feet, B. M., of yellow pine. Begun August 6 and finished August 8, 1896.

Secretary's Order No. 16789.—The sheathing on pier was patched with 1,000 feet, B. M., of 3-inch spruce. Begun and finished December 18, 1896.

Secretary's Order No. 17151.—The sheathing was patched and box sewer is being repaired. Used 3,025 feet, B. M., of 3-inch spruce. Begun April 28, 1897; in progress.

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

Secretary's Order No. 17138.—The fence on these premises was repaired. Begun April 20 and finished April 21, 1897.

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

Secretary's Order No. 16937.—Backing-log, fenders and chocks were repaired. Used 602 feet, B. M., of 3-inch spruce. Begun March 10 and finished March 17, 1897.

Between Lower and Upper Pier, East Eighty-sixth Street, E. R., Inshore.

Secretary's Order No. 16933.—Mooring-posts and cleats were renewed, backing-log and chocks repaired. Begun March 10 and finished March 17, 1897.

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

Secretary's Order No. 15580.—Repairs were made to the pier, where damaged in construction of sewer, by Department of Public Works. Begun November 13 and finished November 28, 1896.

Secretary's Order No. 16781.—Repairs were made at outer end of pier. Begun and finished November 30, 1896.

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

Secretary's Order No. 16458.—A dangerous hole, north of approach to pier, was filled in with stone and earth and properly graded. Begun July 24 and finished July 28, 1896.

Secretary's Order No. 16457.—The pavement on bulkhead north of pier was graded and repaired. Begun July 29 and finished August 7, 1896.

Secretary's Order No. 16777.—The pavement inshore was repaired. Begun and finished November 23, 1896.

Secretary's Order No. 16778.—The sewer under the Pier at the foot of East Eighty-sixth street was terminated about 18 inches easterly of the pile row next to the outermost end of the pier. Begun November 20, and finished November 23, 1896.

Secretary's Order No. 16842.—The sheathing on pier was patched with 880 feet, B. M., of 3-inch spruce. Begun and finished January 6, 1897.

Pier foot of East Ninety-first Street, E. R.

Secretary's Order No. 16564.—The sheathing on the pier was repaired. Begun September 11 and finished September 14, 1896.

Secretary's Order No. 16870.—The sheathing on the pier was repaired. Begun January 15 and finished January 20, 1897.

Secretary's Order No. 16904.—A broken side bearing pile was pulled and replaced with a new one on the northerly side of the pier; also replaced a new horizontal brace and oak-fender and refastened fender chocks about the pier. Begun January 26 and finished February 13, 1897.

Pier at Ninety-fourth Street, E. R., Southerly Side.

Secretary's Order No. 16843.—The sheathing on pier was patched with 3,000 feet, B. M., of 4-inch spruce. Begun January 4 and finished January 6, 1897.

Pier at Ninety-fifth Street, E. R.

Secretary's Order No. 16181.—The sheathing on pier was patched with 7,048 feet, B. M., of 3-inch yellow pine. Begun May 1 and finished May 6, 1896.

Secretary's Order No. 16502.—The sheathing on pier was patched with 2,184 feet, B. M., of yellow pine. Begun August 25 and finished August 26, 1896.

Secretary's Order No. 16681.—Oak fender-piles were fastened at the northeast corner of the pier. Begun and finished October 20, 1896.

Secretary's Order No. 16869.—The sheathing on pier was patched with 1,047 feet, B. M., of 3-inch spruce. Begun and finished January 7, 1897.

Secretary's Order No. 16986.—The sheathing on pier was patched with 2,520 feet, B. M., of 3-inch spruce. Begun March 5 and finished March 8, 1897.

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

Secretary's Order No. 16125.—Two horizontal side chocks were placed on the pier. Begun and finished May 1, 1896.

Secretary's Order No. 16443.—Side chocks were refastened on the south side of the pier. Begun and finished July 30, 1896.

HARLEM RIVER.*Pier foot of East One Hundredth Street, H. R.*

Secretary's Order No. 16585.—The sheathing on the pier was repaired. Begun September 19 and finished September 23, 1896.

Secretary's Order No. 16888.—The sheathing on the pier was repaired. Begun February 18 and finished February 27, 1897.

Pier foot of East One Hundred and Second Street, H. R.

Secretary's Order No. 16350.—A hole in the pavement, where settlement had taken place, was repaired. Begun and finished July 1, 1896.

Pier at One Hundred and Fifth Street, H. R.

Secretary's Order No. 16238.—A mooring-post was set and fastened, chocks renewed and refastened where necessary. Begun May 18 and finished May 20, 1896.

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

Secretary's Order No. 16356.—A hole in the pavement, where settlement had taken place, was repaired. Begun June 30 and finished July 1, 1896.

Bulkhead Platform One Hundred and Fifth Street, H. R.

Secretary's Order No. 16660.—The sheathing on platform was patched with 2,759 feet, B. M., of 3-inch spruce. Begun October 29 and finished October 30, 1896.

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

Secretary's Order No. 16717.—The sheathing on platform was patched with 518 feet, B. M., of 3-inch spruce. Begun and finished October 31, 1896.

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

Secretary's Order No. 16685.—The pavement on bulkhead was graded and repaired. Begun October 16 and finished November 9, 1896.

Secretary's Order No. 16862.—A mooring-post was placed and properly fastened on bulkhead. Begun January 2 and finished January 4, 1897.

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

Secretary's Order No. 16239.—The sheathing on pier was patched with 6,465 feet, B. M., of 3-inch yellow pine. Begun May 20 and finished May 29, 1896.

Secretary's Order No. 16724.—The pavement in rear of bulkhead was graded and repaired. Begun November 9 and finished November 17, 1896.

Secretary's Order No. 16946.—Replaced 8 horizontal chocks, 5 on the south side and 3 on the north side of the pier. Also refastened 12 horizontal chocks. Refastened 1 pile on the northeast corner and one on the southeast corner of the pier, and repaired sheathing. Begun February 10 and finished February 16, 1897.

Secretary's Order No. 17046.—The pavement at entrance to pier was repaired and sheathing on pier patched. Used 2,277 feet, B. M., of 3-inch yellow pine. Fenders and chocks were also renewed. Begun April 6 and finished April 13, 1897.

Bulkhead between One Hundred and Fourteenth and One Hundred and Fifteenth Streets, H. R.

Secretary's Order No. 16939.—The backing-log on bulkhead was repaired. Used 1,881 feet, B. M., of yellow pine. Begun February 9 and finished February 11, 1897.

Pier at One Hundred and Sixteenth Street, H. R.

Secretary's Order No. 17102.—Twelve new oak spring-piles (633 linear feet), were driven and fastened. Used 130 pounds chain; chock and cleats were renewed where necessary. Begun April 22, 1897; in progress.

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

Secretary's Order No. 16689.—The backing-log was renewed and sheathing on pier patched. Used 1,316 feet, B. M., of 3-inch spruce. Begun December 19, 1896, and finished January 2, 1897.

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

Secretary's Order No. 16762.—Spring-piles were put in place and refastened. Used 40 pounds of chain. Begun and finished February 19, 1897.

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

Secretary's Order No. 16505.—The pavement at foot of street was graded and repaired. Begun August 17 and finished August 25, 1896.

Secretary's Order No. 17023.—The pavement on bulkhead was graded and repaired. Begun April 3 and finished April 22, 1897.

Bulkhead Platform foot of One Hundred and Twenty-ninth Street, H. R.

Secretary's Order No. 17045.—Spring and bearing piles were driven and fastened in place; backing-log and mooring-posts also repaired. Begun April 2 and finished April 7, 1897.

Bulkhead at One Hundred and Thirty-eighth Street, H. R.

Secretary's Order No. 16159.—The pavement along bulkhead was graded and repaired. Begun May 11 and finished May 26, 1896.

Secretary's Order No. 16494.—The pavement around scales was raised to proper grade and repaired. Begun August 8 and finished August 14, 1896.

Pier and Bulkhead One Hundred and Thirty-eighth to One Hundred and Fortieth Street, H. R.

Secretary's Order No. 16567.—Twelve mooring-posts were set and properly fastened and pavement around post repaired. Begun September 15 and finished September 24, 1896.

Bulkhead One Hundred and Thirty-eighth to One Hundred and Fortieth Street, H. R.

Secretary's Order No. 16807.—The pavement on bulkhead was repaired. Begun December 7, 1896, and finished March 13, 1897.

Bronx Kills foot of Willow Avenue, H. R.

Secretary's Order No. 16696.—The platform erected by R. McLaughlin was removed. Begun December 23 and finished December 28, 1896.

Bulkhead at Depot Place (One Hundred and Sixty-seventh Street), H. R.

Secretary's Order No. 16573.—Piles were driven, placing of necessary braces, girders, backing-log, mooring-post and chocks; planked deck. Used 16,071 feet, B. M., of 3-inch and 4-inch spruce; 2,000 feet, B. M., of yellow pine. Begun January 15 and finished January 27, 1897.

Wharf foot of Third Avenue, Eastchester Creek.

Secretary's Order No. 16553.—Close piling and placing of backing-log, mooring-posts and chocks. Used 1,350 feet, B. M., of yellow pine. Begun October 17 and finished November 10, 1896.

West Shore of Eastchester Bay.

Engineer's Order—Ten guard-piles were driven. Begun December 11 and finished December 12, 1896.

Pier foot of Main Street, Westchester Creek.

Secretary's Order No. 16554.—Spring and bearing-piles were driven, excavating, placing of braces, ties and mooring-posts and planking deck. Used 5,558 feet, B. M., of yellow pine. Begun October 17 and finished November 29, 1896.

Pier foot of Seventh Street, Unionport, Westchester Creek.

Secretary's Order No. 16555.—Bearing and fender-piles were driven, braces, chocks and backing-log placed and properly fastened. Used 6,173 feet, B. M., of yellow pine. Begun October 17 and finished November 30, 1896.

Dock at City Island, Long Island Sound.

Secretary's Order No. 16406.—Dock was fenced off from public use with second-hand material. Begun and finished July 11, 1896.

Pier at City Island, Long Island Sound.

Secretary's Order No. 16557.—Bearing and spring piles were driven, pier backed, backing-log, braces and chocks renewed; new deck laid. Used 9,495 feet, B. M., of yellow pine and 720 feet, B. M., of 3-inch spruce. Begun October 15 and finished November 2, 1896.

WATER FRONT IN ANNEXED DISTRICT.

Secretary's Order No. 16550.—Under the above order, fitted up deck scow "H" with living and sleeping accommodations for the gang of dock builders to be engaged in making repairs to wharf property under the control of this Department in the recently-annexed district of Westchester and Eastchester Creek. Begun September 10 and finished October 22, 1896.

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 10 1/2	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	4 6	9 10
Pile-driver No. 1.....	1871	41 2	19 4	3 7	2 5
" No. 2.....	1871	41 4	19 5	3 7	2 6
" No. 3.....	1871	42 7	16 3	3 7	2 9
" 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 7 1/2	3 7 1/2
" No. 11.....	1881	50 4	26	5 7 1/2	3 7 1/2
" No. 12.....	1890	45	22	5	2 9
" No. 13.....	1892	46	23	5 6	2 10
" No. 14.....	1893	46	24	5 6	2 10
" No. 15.....	1893	45	23	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
" "E".....	1874	34 4	16 3	4 5	3 5
" "F".....	1887	70	30	7 6	6
" "G".....	1887-88	70	30	7 6	6
" "H".....	1888	70	30	7 6	6
" "I".....	1889	70	30	7 6	6
" "J".....	1892	70	30	7 6	6
" "K".....	1891	70	30	7 6	6
" "L".....	1891	70	30	7 6	6
" "M".....	1893	70	30	7 6	6
" "N".....	1891	42 4	20 6	3 8	2 6
" "O".....	1892	50 4	25	5 7	1 11
" "P".....	1894	70	30	7 6	6
Divers' Scow "A".....	1888	34	17	3 6	18 1/2
" "B".....	1883	34	17	3	14
" "C".....	1889	34	17	3 6	15
" "D".....	1891	34	17	3 6	15
" "E".....	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

28 yawl boats, 1 bateaux, 1 rowboat and 5 sounding boats; 3 skiffs; 3 sets of land-ways, two 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 the floating property kept in good order and condition.

DEPARTMENT YARDS.*West Fifty-seventh Street Yard, N. R.***WORK DONE AT THE YARD.**

Machine Shop.—Made and repaired tools for use in shop; put in drawers, lockers, etc.; painted interior, repaired roof and put skylights and windows and other miscellaneous work.

Engine-room.—Put new tubes in boiler; cut hand-hole plates in boiler; repaired boiler smoke-stack, steam pipes, steam whistle, roof of building, machinery, etc.; cleaned boiler and machinery and kept in repair; attended boiler, engine, circular saw machinery, etc.

September 14, 1896.—The Police Department tested Boiler No. 5952 of Engine-room.

Granite Yard.—Repaired steam-pipes, boiler, rigging machinery, etc.; cleaned boiler, blocks, rigging, machinery, etc.; removed broken mast and made a new mast to replace broken one; painted engine-house, boom rigging, etc., of derrick in Granite Yard.

February 2, 1897.—The Police Department tested Boiler No. 4875 in Granite Yard.

Testing-room.—Cleaned and repaired testing machines, repaired steam-pipes, and tested iron for use on work under contracts, stock for general issue, etc.

Coal Pockets.—Repaired coal pockets, engine, derrick falls, etc., cleaned engine and weighed and received egg coal furnished under contracts as follows:

	Tons of Egg Coal Received During the Year.
Contract No. 527.....	455 ¹¹ / ₁₆
Contract No. 548.....	597 ¹¹ / ₁₆
Contract No. 563.....	462 ¹¹ / ₁₆
Total.....	1515 ¹¹ / ₁₆

Sand and Stone Bin.—Repaired pipe railing on bins; cleaned and repaired engine, derrick, etc., used for hoisting sand and broken stone.

Store-house.—Repaired roof of store-house, shed, etc., used by floating property.

Offices.—Repaired doors, windows, etc., of office.

Blacksmith's Shop.—Made and repaired ironwork, sharpened tools and did other miscellaneous work for the North and East River Sections; timber basin, West Fifty-seventh Street Yard, floating property, general repairs, surveying party, etc.

Sawed timber, cut bolts, made profile, bolts, etc., for West Fifty-second Street Section; sawed timber for the work on the North and East River Sections; general repairs, yards, floating property, etc.; made ash-pan, repaired oil cups, fitted up steam pumps, engines, boilers, etc., for East One Hundred and Sixteenth Street Section.

Cut and threaded bolts for use of general repairs.

Made iron brackets for Engineer's Office, at Pier "A," North river.

Put handles in paving hammers for use in paving from Pier "A," North river, to West Eleventh street.

Put glass in windows of buildings at yard.

Repaired sweeping rods, made measuring rods and sweeping rods, tide gauge staffs, sounding rods, discs, stakes, tools, etc., for use of surveying party.

Made tide gauge staffs for use on the work; made ironwork and woodwork for blue print stand for use at Pier "A," North river.

Made, repaired and fitted up ironwork for traveling crane at East Twenty-fourth Street Yard.

Made ironwork and pike poles; cut and threaded machine bolts and repaired tools for work at Perry Street Section.

Made wooden rollers for use at East One Hundred and Sixteenth Street Section; also moulds, wedges, tools, etc.; repaired steam pipes, pump; fitted up axles for car wheels, and did other miscellaneous work for East One Hundred and Sixteenth Street Section.

Cleaned and painted Diver's screens; made ladders and pattern of manholes of silt basins.

Made frames for holding notices of time of opening and closing of drawbridges on the Harlem river, for use of tugs and launches.

Repaired small house for Watchmen at East Ninety-first Street Section.

Cut and threaded pipe for work at Canal street, North river.

Made patterns, brasswork, ironwork, boxes, small houses, fittings, etc., for automatic tide gauges for use at the newly-annexed district.

Repaired gangway to float boat landing at yard for small boats and launches.

Made pattern and repaired throttle valve for East Twenty-fourth Street Yard.

Repaired steam-pipes, radiator, traps, water-pipes, etc., at yard.

Shifted floating property at West Fifty-seventh street to make room for dredges at work in slips in December, 1896.

Sawed stakes for use at Sherman's creek and new annexed district.

Turned brass wheels for use on blue prints. Made hanging fenders, ladders, pike-poles, windlass heavers, tools, etc.; filed cross-cut and circular saws; repaired metal hand pumps, tools, etc.; made and repaired patterns, cut and treaded nipples, tapped nuts; made drawing utensils for use of floating property; turned fair leaders for pile drivers; put glass in windows of shops, and attended to all the floating property laid up at yard.

Fitted up engines removed from Pile Drivers Nos. 6 and 8 on concrete block platform at West Fifty-seventh Street Yard for use in hoisting concrete and turning concrete mixer.

Foreman Laborer, Ship Carpenter and Laborers were engaged from May 1, 1896, to August 25, 1896, stripping and setting up moulds and cores for the fabrication of concrete blocks. The following concrete blocks were made:

22 special Z blocks, containing 791.33 cubic yards; 4 special S blocks, containing 57.20 cubic yards; and 15 standard A blocks, containing 499.95 cubic yards.

The force was also engaged in loading scows with concrete material, account bulkhead-wall, West Fifty-second Street Section, N. R., resolution of Board June 20, 1895; unloading sand and broken-stone under Contract No. 539, Class III. and IV.; receiving, tiering and sampling Portland cement under Contract No. 555 and Treasurer's Orders Nos. 18529, 18569 and 18604; making 2 flat cars for handling material at East One Hundred and Sixteenth Street Section, and 1 platform truck for handling crosswalk stone, account repairing pavement between Pier A and West Eleventh street, North river, under Secretary's Order No. 16640; receiving and delivering material, stowing away moulds and cores, repairing sand and stone cars, cleaning yards, shops, storehouses, cement shed, etc., repairing hoppers on sand and stone bins, putting up closet in office, removing obstructions from drain-pipe in yard, loading sand and gravel on scows, for repairs to pavement, under Secretary's Order No. 16640; making new parapet for standard A moulds, cleaning concrete material from scows O and R, account Perry Street Section, N. R.; making sample boxes for borings from the river's bottom, receiving and housing material from East One Hundred and Sixteenth Street Section, receiving and hoisting into bins 599 cubic yards sand, under Contract No. 539, Class III., and 629 cubic yards broken-stone, under Contract No. 539, Class IV.

There have been received 3,000 barrels Portland cement, under Treasurer's Orders Nos. 18529, 18569, 18604 and Contract No. 555, the cement sampled, tested and the results recorded.

Sample from 3,000 barrels of cement received at East Twenty-fourth Street Yard, under Treasurer's Orders Nos. 18569, 18727 and 18793 and Contract No. 555, was received, tested and the results recorded.

The Department force, acting as watchmen, has taken care of its property at the West Fifty-seventh Street Yard, North river, Timber Basin at Seventy-fifth street, North river, Sherman's creek, Harlem river, and between One Hundred and Thirty-fifth and One Hundred and Thirty-seventh street, North river.

Tests were made from the following sample barrels of Portland cement, under Secretary's orders, and the results recorded and reported:

Secretary's Order No. 16496, "Clover Brand." Secretary's Order No. 16487, "Toltec Brand." Secretary's Order No. 16507, "Kaltstadt Brand." Secretary's Order No. 16613, "Stettiner Brand." Secretary's Order No. 16613, "Lobster Brand." Secretary's Order No. 16613, "Rooster Brand." Secretary's Order No. 16655, "Bell Brand." Secretary's Order No. 16743, "Brutenberg Brand." Secretary's Order No. 16749, "Oland Brand." Secretary's Order No. 16749, "Alsenton Brand." Secretary's Order No. 16749, "S. S. Atlas Brand." Secretary's Order No. 16855, "Vulture Brand." Secretary's Order No. 17701, "Rosendale Brand."

Borings on Harlem, North and East Rivers.

The Department's force, with Borer Woodcock, were engaged, from May 1, 1896, to April 20, 1897, taking borings to ascertain the nature of the bottom of the river for and on account of preparing plans and specifications at the foot of One Hundred and Sixteenth street and Harlem river, under Secretary's Order No. 16068; between Eighteenth and Twenty-second streets, East river, under Secretary's Order No. 16069; Oyster Basin, at Eleventh street, North river, under Secretary's Order No. 15606; between Eleventh and Gansevoort streets, North river, under Secretary's Order No. 16266; Sherman's creek, Harlem river, under Secretary's Order No. 17003, and between One Hundred and Thirty-fourth and One Hundred and Thirty-seventh streets, North river, under Secretary's Order No. 17012. Work under Secretary's Order No. 17012 has been temporarily suspended.

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

The Department's force of Dock-builders was engaged, from May 1, 1896, to April 30, 1897, handling piles, under Treasurer's Order No. 18603, receiving, inspecting and rafting yellow pine timber, under Contract No. 564, getting out and rafting timber for the following work, under resolution of Board, Secretary's Orders and Contracts: Construction of a pier at Perry street, North river, under resolution of the Board, February 17, 1896; construction of a pier at the foot of One Hundred and Sixteenth street, East River, under Contract No. 558; construction of Ninety-first Street Section, East river, under resolution of Board, June 20, 1895; construction of Ninety-ninth Street Section, East river, under resolution of Board, June 20, 1895; rebuilding inner end of pier at Fifty-second street, North river, under resolution of Board, June 20, 1895.

Secretary's Order No. 16491.—Repairs to sewer-box at Seventy-fifth street, North river.

Secretary's Order No. 16501.—Repairs to Pier at Fifth street, East river.

Secretary's Order No. 16509.—Repairs to Pier at Thirtieth street, North river.

Secretary's Order No. 16225.—Repairs to Pier, new 29, East river.

Secretary's Order No. 16152.—Repairs to Pier, new 39, North river.

Secretary's Order No. 16420.—Repairs to Pier at Seventy-fifth street, East river.

Secretary's Order No. 16472.—Repairs to Pier at Seventeenth street, North river.

Secretary's Order No. 16515.—Repairs to Pier at Nineteenth street, East river.

Secretary's Order No. 15719.—Repairs to Pier at Twenty-eighth street, East river.

Secretary's Order No. 16520.—Repairs to Pier at Twenty-fourth street, East river.

Secretary's Order No. 16518.—Repairs to Pier at Nineteenth street, North river.

Secretary's Order No. 16502.—Repairs to Pier at Ninety-fifth street, East river.

Secretary's Order No. 16542.—Repairs to Pier at Thirty-eighth street, East river.

Secretary's Order No. 16394.—Repairs to Pier at Forty-fourth street, North river.

Secretary's Order No. 16574.—Repairs to Pier at Forty-fourth street, East river.

Secretary's Order No. 16643.—Repairs to Pier at Thirtieth street, North river.

Secretary's Order No. 16540.—Repairs to Pier at Jackson street.

Secretary's Order No. 16581.—Repairs to Pier 48, East river.

Secretary's Order No. 16753.—Repairs to Pier at Canal street, North river.

Secretary's Order No. 16557.—Repairs to Pier at City Island.

Contract No. 559.—Repairs to Pier at One Hundred and Thirty-first street, North river.

Secretary's Order No. 16555.—Repairs to Pier at Unionport.

Secretary's Order No. 16943.—Repairs to Pier at Twenty-fourth street, East river.

Secretary's Order No. 17005.—Repairs to Pier at Sixty-second street, East river.

Secretary's Order No. 17047.—Repairs to Pier at Fiftieth street, North river.

Secretary's Order No. 16642.—Repairs to culvert at One Hundred and Twentieth street, Harlem river.

Secretary's Order No. 16587.—Repairs to dock at North Brother Island.

Secretary's Order No. 16510.—Repairs to bulkhead at Fifty-fourth street, North river.

Secretary's Order No. 16504.—Repairs to bulkhead between Sixtieth and Sixty-first streets, East river.

Contract No. 550.—Repairs to bulkhead at East Fourth street.

Secretary's Order No. 16573.—Repairs to Pier at Depot place and One Hundred and Sixty-seventh street, North river.

Secretary's Order No. 16776.—Repairs to Pier, old 54, North river.

Secretary's Order No. 16756.—Repairs to Pier at Sixth street, East river.

Secretary's Order No. 16939.—Repairs to bulkhead between One Hundred and Fourteenth and One Hundred and Fifteenth streets, Harlem river.

Secretary's Order No. 16987.—Repairs to Pier 61, East river.

Secretary's Order No. 17021.—Repairs to Pier, new 60, North river.

Secretary's Order No. 17189.—Repairs to Pier, new 60, North river.

Resolution of Board, April 8, 1897.—Repairs to Pier, new 54, North river.

Repairs to pile drivers Nos. 9 and 12, and derrick "City of New York," on account of floating property.

Rafting old pile butts and lumber for auction sales and on general care and maintenance of timber in basin.

East Twenty-fourth Street Yard.

WORK DONE AT YARD.

May 1, 1896, to April 30, 1897.—Cement, sand, broken stone, coal, facing granite and coping were loaded and transferred on scows for use on the East Ninety-first and Ninety-ninth and the One Hundred and Sixteenth Street Sections. Concrete base blocks were loaded and transferred on scows at the East Twenty-fourth Street Yard for use at the East Ninety-first Street and the East Ninety-ninth Street Sections. Also cement, sand and broken stone were loaded and transferred to East Seventeenth street for use in constructing the concrete piers for substructure of pocket dump for the Department of Street Cleaning. Cement, sand, broken stone and granite were loaded and transferred on scows for use on the Perry Street and the West Fifty-second Street Sections on North river. Dowels were made for coping stones at the East Ninety-first, East Ninety-ninth and East One Hundred and Sixteenth Street Sections. Iron fittings were made and repaired by the blacksmith for construction work on the East river for general repairs and for maintenance of yard. 3,596 barrels of cement were received, sampled, stacked and stored for Department use, excepting 600 barrels rejected and returned. Samples of lots were sent to the West Fifty-seventh Street Yard to be tested and recorded. Broken stone and sand received under Contracts Nos. 525 and 539 were hoisted and placed in storage bins. Coal received under Contract No. 548 was hoisted and placed in the storage bins. Granite profile for East Ninety-ninth street and centre for sewer at the East One Hundred and Sixteenth Street Sections bulkhead-walls were made. Lumber, tools, cement, sand and broken stone returned from the East Ninety-ninth Street and the East One Hundred and Sixteenth Street Sections were removed from scows and stored. Cement sample boxes were made. The yard boiler was tested by the Police Department, September 23, 1896.

Secretary's Order No. 13903.—The traveling crane was used in loading facing granite on scows for West Fifty-second Street Section, North river, July 17, 1896. Received granite facing stones at the East Twenty-fourth and West Fifty-seventh Street Yards, under Contract 556, on April 29 and 30, 1897.

MAINTENANCE OF YARD.

May 1, 1896, to April 30, 1897.—An iron man-hole was placed to drain surface water from about the office building. A concrete base block mould was placed on a scow and transferred to the West Fifty-seventh Street Yard. Refuse granite clippings were collected from about storage pier for granite, placed on a scow and transferred to the East Ninety-first Street Section and deposited in the rear of the bulkhead-wall. Also granite clippings suitable for concrete stone were collected and broken. Floor of the sand and stone-bins was repaired. New pulley falls were placed on chutes connected with the sand and stone bins, and upon the cement hoist. The yard derrick, engine and boiler were overhauled, cleaned and repaired. The mast and boom of derrick were painted. Gutters about the cement shed, chutes and hoppers connected with the storage bins, tubs used for hoisting material to storage bins, smokestack on boiler-house and steam pipes about the yard were painted. Worthless wheelbarrows and empty cement barrels were broken up and used as firewood. A landing float stage and gangway were made and placed at inshore end of Pier foot of East Twenty-fifth street, adjacent to the bulkhead wall. New bellows put up in the blacksmith shop. Gangway leading to the landing float stage, tackle blocks on traveling crane and angle irons on tramway were painted. The concrete blocks platform was smeared with black oil. Electric bells were placed in and about the shops and office buildings. Fender piles at the northeast corner of Pier foot of East Twenty-fifth street were refastened. 12 inches by 12 inches timber in the tramway on which the traveling crane is operated was smeared with black oil. The "Z" shaped steel guards about the electrical conductors were readjusted, the electrical connections repaired and the crane trusses bolstered and tightened. Graduations were marked on the storage-bins to determine their capacity. Wooden chutes were made to transfer concrete material to scows from storage bins. Horizontal chocking on the northerly side of the Pier foot of East Twenty-fifth street was refastened. Vertical chocks on the southerly side of Pier foot of East Twenty-fourth street were repaired. Water-main supplying water to the yard and guard rail about the storage-bins were repaired. Granite (facing and coping stones) was shifted and classified on Pier foot of East Twenty-fifth street, to make more deck room. New bearing wheels were placed on the traveling crane. Sliding guards were placed on chute gangways under the storage-bins for protection. The new wooden chute previously made was lined with sheet-iron by Hull, Grippen & Co., to reduce friction. Tools and equipments that came from the East One Hundred and Sixteenth Street Section were removed from scow and placed in the storehouse. Timber, consisting of mixing platform and coffer-dam sheet-piling were removed from scow and placed on the outer end of Pier foot of East Twenty-fourth street. Ceiling boards in the boiler-house were repaired. Bellows and windows in the blacksmith shop were cleaned and repaired. A tool-house was placed on the bulkhead in front of the cement shed. A counter weight was placed on switchboard lever of electrical crane, and an additional window placed in the motor-house. A rack was made to hold roll wrapping-paper, and also a case for plans. The condensing pump in the engine-house was overhauled and repaired. Timber sent to East One Hundred and Sixteenth street, to place the office on a scow, was returned and removed from scow. The Yard was cleaned and the rubbish removed to dump by cart. Grass was mown from about the office building from time to time during the season. Snow was removed.

MAKING PAVING-BLOCKS.

Secretary's Order No. 16960.—Standard paving-blocks were made from granite remnants at the East Twenty-fourth Street Yard by stonecutters. 3,558 blocks made to date. Begun February 15, 1897.

SALE OF OLD MATERIAL AT PUBLIC AUCTION.

The following old material was sold at public action on May 25, 1896, and was removed by the purchasers:

At West Fifty-seventh Street Yard.

- Lot 1. About 20,150 pounds of old wrought-iron.
- Lot 2. About 14,400 pounds of old cast-iron.
- Lot 3. About 1,485 pounds of old manila rope.
- Lot 4. About 14 old galvanized-iron pumps.
- Lot 5. About 5 pairs of old rubber boots.
- Lot 6. About 800 old steel files.
- Lot 7. About 25 old steel shovels.
- Lot 8. About 28 old canal barrows.
- Lot 9. About 18 old oil barrels.

At East Twenty-fourth Street Yard.

- Lot 10. About 2,260 pounds of old wrought-iron.
- Lot 11. About 473 pounds of old steel.
- Lot 12. About 6 pairs of old rubber boots.
- Lot 13. About 2 diver's dresses.
- Lot 14. About 30 old steel shovels.
- Lot 15. About 54 old steel files.
- Lot 16. About 300 pounds old manila rope.

Pier at Twenty-sixth Street, E. R.

Secretary's Order No. 16949.—Piles were driven and fastened, gangways properly repaired, vertical and horizontal chocks put on, backing-log repaired and sheathing on approach patched. Used 200 pounds of chain and 1,667 feet, B. M., of yellow pine. Begun February 11 and finished February 23, 1897.

Secretary's Order No. 16310.—Removed boiler and apparatus belonging to this Department from Pier at Twenty-sixth street, East River, to West Fifty-seventh Street Yard, in accordance with request of Department of Public Charities. Begun June 30 and finished July 1, 1896.

Bulkhead between East Twenty-sixth and Twenty-seventh Streets.

Secretary's Order No. 16672.—Cut gangway in backing-log, removed and replaced cleats, made and placed two additional wooden cleats, at the bulkhead for berthing and mooring the steamboat "Fidelity" (request of the Department of Public Charities). Begun October 15 and finished October 20, 1896.

Between Fifty-first and Fifty-second Streets, E. R.

Secretary's Order No. 16160.—Cluster piles were driven and fastened; gangways and necessary repairs were made. Used 175 pounds of chain and 1,888 feet, B. M., of 3-inch yellow pine. Begun May 6 and finished May 9, 1896.

Dock foot of Fifty-second Street, E. R.

Secretary's Order No. 16242.—The boat landing thereat was repaired. Used 2,792 feet, B. M., of 3-inch yellow pine for sheathing. Begun May 29 and finished June 3, 1896.

Dock Boat Landing at Fifty-second Street, E. R.

Secretary's Order No. 16950.—Cluster piles pulled and redriven; blocking inner end of dock and placing of cleats. Begun February 11 and finished February 24, 1897.

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

Secretary's Order No. 16671.—Two spring piles were driven and fastened and backing-log on bulkhead repaired. Begun December 19 and finished December 21, 1896.

Storehouse Dock, Blackwell's Island, E. R.

Secretary's Order No. 16944.—Spring-piles were pulled and redriven, backing log, chocks, braces and planking repaired where necessary. Begun February 11 and finished March 4, 1897.

Charity Hospital Dock, Blackwell's Island, E. R.

Secretary's Order No. 16948.—Spring-piles were pulled and redriven, backing-log and chocks repaired. Used 480 feet, B. M., of yellow pine. Begun February 11 and finished March 1, 1897.

Contract No. 541.—Preparing for and building new coal pier on westerly side of Randall's Island. Begun August 4 and finished October 10, 1896.

Pier at Randall's Island, H. R.

Secretary's Order No. 16633.—The footpaths along sides of pier were replanked. Used 4,908 feet, B. M., of 3-inch spruce. Begun December 21 and finished December 22, 1896.

*WORK DONE FOR DEPARTMENT OF PUBLIC WORKS.**Bulkhead between Piers, New 21 and 22, N. R.*

Secretary's Order No. 16113.—Necessary repairs were made for reception of bath; bath removed and gangway closed. Begun June 30 and finished October 17, 1896.

Pier foot of Horatio Street, N. R.

Secretary's Order No. 16112.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 10 and finished October 17, 1896.

Pier foot of Twentieth Street, N. R.

Secretary's Order No. 16111.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 20 and finished October 17, 1896.

Pier foot of Fifth Street, N. R.

Secretary's Order No. 16110.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 29 and finished October 19, 1896.

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

Secretary's Order No. 16109.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 23 and finished October 19, 1896.

Pier, New 29, E. R.

Secretary's Order No. 16108.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 19 and finished October 17, 1896.

Pier 55, E. R.

Secretary's Order No. 16107.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 11 and finished October 17, 1896.

Pier foot of Fifth Street, E. R.

Secretary's Order No. 16105.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 11 and finished October 19, 1896.

Pier foot of Eighteenth Street, E. R.

Secretary's Order No. 16104.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 8 and finished October 19, 1896.

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

Secretary's Order No. 16105.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 1 and finished October 20, 1896.

Foot of Fifty-first Street, E. R.

Secretary's Order No. 16103.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 4 and finished October 19, 1896.

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

Secretary's Order No. 16102.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 30 and finished October 20, 1896.

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

Secretary's Order No. 16101.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun July 9 and finished October 20, 1896.

Between One Hundred and Thirty-eighth and One Hundred and Thirty-ninth Streets, Port Morris.

Secretary's Order No. 16119.—Necessary repairs made for reception of bath; bath removed and gangway closed. Begun June 26 and finished October 21, 1896.

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

Secretary's Order No. 16642.—The trunks to convey water from gutter to river were enlarged. Used 550 feet, B. M., of yellow pine. Begun October 1 and finished October 3, 1896.

*WORK DONE FOR HEALTH DEPARTMENT.**Foot of One Hundred and Thirty-eighth Street, Port Morris, Long Island Sound.*

Secretary's Order No. 16583.—The boat landing was repaired, a pile was driven and braces placed and fastened. Used 715 feet, B. M., of yellow pine. Begun September 30 and finished October 1, 1896.

Dock at North Brother Island, Long Island Sound.

Secretary's Order No. 16587.—Bearing piles were driven, backing-log braces, chocks and cleats renewed. Used 1,697 feet, B. M., of yellow pine. Begun September 24 and finished September 30, 1896.

*WORK DONE FOR FIRE DEPARTMENT.**Castle Garden Wharf.*

Secretary's Order No. 16816.—Cluster piles were driven and properly braced, capped and chocked in front of wall, for mooring fire-boat "New Yorker." Used 225 pounds of chain and 17 oak piles (778 lin. ft.). Begun January 28 and finished February 6, 1897.

Pier, old 58, N. R.

Secretary's Order No. 16495.—Five piles were pulled, redriven, fastened and chocked, and sheathing on pier patched with 1,041 feet, B. M., of 3-inch spruce. Begun August 8 and finished August 11, 1896.

Pier at Fifth Street, E. R.

Secretary's Order No. 16302.—A berth for fire-boat "Havemeyer" was prepared on south side of pier. Begun and finished June 11, 1896.

*WORK DONE FOR POLICE DEPARTMENT.**Between Piers "A" and new 1, N. R.*

Secretary's Order No. 16586.—Trench was excavated and foundation built for crane for the Police Department. Begun October 29 to December 23, 1896.

Secretary's Order No. 16624.—Three new oak piles were driven as protecting piles to Police Department boat-dock stage. Begun October 12 and finished October 14, 1896.

*WORK DONE FOR DEPARTMENT OF CORRECTION.**HART'S ISLAND, LONG ISLAND SOUND.**Contract No. 559.*

A new pier was built on the westerly side of the island by Hugh Hart, under the above contract. Begun January 29 and finished April 15, 1897.

*BLACKWELL'S ISLAND.**Penitentiary Coal Dock, Blackwell's Island, E. R.*

Secretary's Order No. 16985.—The sheathing on dock was repaired. Used 3,936 feet, B. M., of 3-inch spruce. Begun March 10 and finished March 11, 1897.

Quarry Dock, Blackwell's Island, E. R.

Secretary's Order No. 16944.—One oak pile was driven, chocks renewed and refastened. Begun February 11 and finished March 5, 1897.

Storehouse Dock, Blackwell's Island, E. R.

Secretary's Order No. 16944.—Spring piles were pulled and redriven, backing-log, chocks, braces and planking repaired where necessary; work done in conjunction with work done for Department of Charities. Begun February 11 and finished March 4, 1897.

*WORK DONE FOR DEPARTMENT OF STREET CLEANING.**Foot of East Seventeenth Street.*

Building Foundations, Substructures, etc., under Contract No. 529.—Structural steel foundations were built by Gildersleeve & Rolf for storage and dumping bins at the foot of East Seventeenth street, East river. The Department of Docks built the concrete piers on which the structural steel foundations rested; 79 batches of concrete used. Begun April 27 and finished June 23, 1896.

RECAPITULATION OF DREDGING DONE FOR STREET CLEANING DEPARTMENT.

LOCALITY.	AMOUNT, CUBIC YARDS.	AUTHORIZATION.	BEGUN.	FINISHED.
Canal Street, N. R., Dumping Board	552 mud.	Contract No. 535	Nov. 15, 1896	Nov. 15, 1896
West Twelfth Street, N. R., Dumping Board	782 "	Contract No. 535	Oct. 5, 1896	Oct. 5, 1896
	879 "	Contract No. 535	Jan. 3, 1897	Jan. 3, 1897
West Nineteenth Street, N. R., Dumping Board	922 "	Contract No. 535	Oct. 4, 1896	Oct. 7, 1896
West Nineteenth Street, N. R., Dumping Board	607 "	Contract No. 535	Feb. 21, 1897	Feb. 24, 1897
West Thirtieth Street, N. R., Dumping Board	2,525 "	Contract No. 535	Jan. 10, 1897	Jan. 11, 1897
West Forty-seventh Street, N. R., Dumping Board	2,133 "	Contract No. 536	Nov. 15, 1896	Nov. 17, 1896
West One Hundred and Twenty-ninth Street, N. R., Dumping Board	3,139 "	Contract No. 536	Aug. 5, 1896	Aug. 12, 1896
Pier 44, E. R., Dumping Board	581 "	Contract No. 513	Nov. 2, 1896	Nov. 2, 1896
	719 "	Contract No. 562	Mar. 11, 1897	Mar. 11, 1897
East Thirty-eighth Street, E. R., Dumping Board	798 "	Contract No. 513	Sept. 20, 1896	Sept. 20, 1896
East Thirty-eighth Street, E. R., Dumping Board	751 "	Contract No. 513	Jan. 7, 1897	Jan. 7, 1897
East Thirty-eighth Street, E. R., Dumping Board	691 "	Contract No. 562	Mar. 12, 1897	Mar. 12, 1897
East Forty-sixth Street, E. R., Dumping Board	568 "	Contract No. 513	Nov. 2, 1896	Nov. 2, 1896
East Eightieth Street, E. R., Dumping Board	223 "	Contract No. 513	May 28, 1896	May 28, 1896
East Eightieth Street, E. R., Dumping Board	304 "	Contract No. 513	Nov. 21, 1896	Nov. 21, 1896
East Eightieth Street, E. R., Dumping Board	432 "	Contract No. 562	Apr. 22, 1897	Apr. 22, 1897
East One Hundred and Tenth Street, H. R., Dumping Board	873 "	Contract No. 562	Mar. 24, 1897	Mar. 25, 1897
Lincoln Avenue, H. R., Dumping Board	649 "	Contract No. 570	Apr. 30, 1897	Apr. 30, 1897

WORK DONE FOR OWNERS, LESSEES, ETC.

WORK DONE, INCLUDING DREDGING 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.

Pier "A," N. R.

Secretary's Order No. 16763.—Fenders and clamps were removed and replaced around cable under pier to enable the Commercial Cable Company to make repairs. November 14 to December 18, 1896.

Pier, new 13, N. R.

Secretary's Order No. 17391.—Old crib-bulkhead along westerly side of West street in front of pier was removed for John H. Starin. December 29, 1896, January 9, 1897.

Pier, new 19, N. R.

Secretary's Order No. 14687.—Granite pavement in front of pier was taken up and relaid to enable Old Colony Steamboat Company to make gas connection with pier. June 11 to 12, 1896.

Secretary's Order No. 16512.—Pavements and crosswalks in front of pier were taken up and relaid to enable Old Colony Steamboat Company to make water and gas connections. September 3 to October 7, 1896.

West Street, from Chambers Street, Northward.

Secretary's Order No. 16893.—Pavement taken up, to enable Brush Electric Illuminating Company to replace poles adjacent to the westerly side of West street, was replaced. January 19, 1897; suspended.

Pier, new 20, N. R.

Secretary's Order No. 16824.—Pavement taken up, to enable Erie Railroad Company to erect office building on bulkhead, was replaced. December 21, 1896, January 18, 1897.

Pier, new 21, N. R.

Secretary's Order No. 16537.—Pavement taken up and relaid to enable Consolidated Gas Company to repair pipes. August 28 to September 23, 1896.

Pier, new 22, N. R.

Secretary's Order No. 16315.—Granite pavement and floor of shed in front of pier was taken up and relaid to enable Consolidated Gas Company to repair pipes. June 10 to 13, 1896.

Pier, new 24, N. R.

Secretary's Order No. 16464.—Pavement taken up and relaid to enable the West Shore Railroad Company to lay foundation for shed south of pier. September 2 to December 17, 1896.

Pier, old 42, N. R.

Secretary's Order No. 16256.—The damage done to outer end of pier by ferry-boat "Hudson City" was repaired; used 4,562 feet, B. M., of yellow pine, 1,162 feet, B. M., of 3-inch spruce and three yellow pine piles; cost to be collected from Pennsylvania Railroad Company. Begun May 23 and finished June 13, 1896.

Pier, new 37, N. R.

Secretary's Order No. 16446.—Granite pavement under bulkhead shed in front of pier was raised to grade for the Southern Pacific Company. August 5 to September 19, 1896.

Piers, new 37 and 38, N. R.

Secretary's Order No. 16680.—Pavement taken up and relaid to enable O'Brien & Ryder to repair sewer leading to No. 328 West street. October 13 to 28, 1896.

Pier, new 38, N. R.

Secretary's Order No. 16381.—Granite pavement was taken up and relaid to allow R. P. & J. H. Staats to erect shed for the Oceanic Steam Navigation Company on bulkhead north and south of pier. July 9 to September 1, 1896.

Pier, new 39, N. R.

Secretary's Order No. 16166.—Crosswalks and pavement in front of pier were taken up and relaid to enable Consolidated Gas Company to repair pipes. April 23 to May 1, 1896.

Secretary's Order No. 16169.—Pavement on the bulkhead south of pier was taken up and relaid to enable L. E. Muller to place scales. April 23 to May 2, 1896.

Pier, new 43, N. R.

Secretary's Order No. 16038.—Gangway was cut and spring-piles were driven on the south side of pier for the Catskill and New York and the Saugerties and New York Steamboat Companies. April 6 to May 9, 1896.

Secretary's Order No. 16233.—An additional gangway was cut on south side of pier for the Catskill and New York Steamboat Company. May 9 to June 11, 1896.

Charles Street, N. R.

Secretary's Order No. 16694.—Trench refilled and pavement replaced where taken up by William Simonson to repair supply pipe. October 15 to 16, 1896.

Secretary's Order No. 16901.—Pavement taken up and relaid to enable William Simonson to repair pipes leading to oyster-boats. January 23, 1897.

Christopher Street, N. R.

Secretary's Order No. 16072.—Railroad tracks were placed across new-made land to ferry-house and pavement taken up and relaid by the Metropolitan Street Railway Company. Blocks not used were removed and taken to West Seventy-fifth street. April 1 to May 1, 1896.

Secretary's Order No. 16386.—Pavement taken up by the Central Cross Town Railroad Company was relaid. July 14, 1896.

Secretary's Order No. 16796.—Pavement taken up and relaid to enable H. C. Calkins, Jr., repairing pipes leading to ferry premises. November 24 to 28, 1896.

Pier, old 54, N. R.

Secretary's Order No. 16480.—Piles were driven on north side of pier for Messrs. Mersereau & Frazer to moor oyster-boats. July 3 to August 1, 1896.

Secretary's Order No. 16797.—Piles were driven along the bulkhead-wall north of pier to moor oyster-boats for Mersereau & Frazer. November 28 to 30, 1896.

Secretary's Order No. 17039.—Gangway was cut on south side of pier for the Peekskill and New York Day Line. March 27 to April 21, 1897.

Secretary's Order No. 17041.—Pavement was taken up and relaid and boxes made to enable Peekskill and New York Day Line to lay water-supply pipe. March 25 to 27, 1897.

Secretary's Order No. 17098.—Backing-log and fenders on north side pier, where damaged by the tug "Greenville," were repaired at cost of Morris & Cummings Dredging Company. April 15 to 16, 1897.

West Eleventh Street, N. R.

Secretary's Order No. 16210.—Pavement in front of pier was taken up and relaid to enable R. J. Kelly to plug supply pipe. May 4, 1896.

Pier, old 57, N. R.—Foot of Bogart Street.

Secretary's Order No. 16309.—Damage done to backing-log and chocks was repaired. Used 192 feet, B. M., of yellow pine. Cost to be collected from Cornell Towing Line. Begun and finished June 12, 1896.

Pier at Horatio Street, N. R.

Secretary's Order No. 16182.—Side caps and half-round fenders were placed and fastened, backing-log repaired and mooring-post set. Used 1,200 feet, B. M., of yellow pine. Cost to be collected from late lessee. Begun May 1 and finished May 5, 1896.

Little West Twelfth Street, N. R.

Secretary's Order No. 16360.—Pavement taken up by Conron Bros. to replace pipe was relaid. July 1 to 3, 1896.

Pier at Thirteenth Street, N. R.

Secretary's Order No. 16205.—Three gangways were cut and premises made safe and spring-piles refastened. Used 25 pounds of chain. Cost to be collected from Benjamin Griggs. Begun and finished May 6, 1896.

Secretary's Order No. 16795.—Necessary repairs were made to pier and sheathing on pier patched. Used 3,753 feet, B. M., of 3-inch and 4-inch spruce. Cost to be collected from P. Holland. Begun November 27 and finished December 3, 1896.

West Seventeenth Street, N. R.

Secretary's Order No. 16196.—Pavement in front of pier was taken up and relaid to grade for the Baltimore and Ohio Railroad Company. May 1, 1896.

Secretary's Order No. 16472.—Inner end of pier was raised to new grade of pavement on Thirteenth avenue and repaired for the Baltimore and Ohio Railroad Company. July 30 to August 17, 1896.

Piers, new 57 and 58, N. R.

Secretary's Order No. 16942.—Backing-log on bulkhead wall damaged by the lighter "Albany" was repaired at cost of New York Central Lighterage Company. February 8 to 10, 1897.

Pier, new 58, N. R.

Secretary's Order No. 16854.—Pavement was taken up and relaid to make repairs to water pipe for Gustav Miller. December 29, 1896, January 6, 1897.

West Twenty-eighth Street, N. R.

Secretary's Order No. 16958.—Pavement was taken up and relaid to enable the Consolidated Gas Company to make repairs to pipes. February 11 to March 3, 1897.

West Thirtieth Street, N. R.

Secretary's Order No. 16770.—Pavement was taken up and relaid to enable the Consolidated Gas Company to make repairs to pipes. November 24, 1896, January 7, 1897.

West Thirty-fourth Street, N. R.

Secretary's Order No. 17049.—Backing log and chocking on south side of pier, damaged by the lighter "Nyack," of the Erie Railroad Company, were repaired. March 27, 1897.

At Fifty-seventh Street Yard.

Secretary's Order No. 16891.—Under the above order placed steam hoist (purchased by the New York Steam Company at public sale on January 8, 1897), on scow "D," at West Fifty-seventh Street Yard, and on January 15, 1897, the said scow "D" was towed to East Sixtieth street. January 15, 1897.

Foot of Ninety-Seventh Street, N. R.

Secretary's Order No. 16221.—The pavement at foot of street was relaid. Cost to be collected from James D. McEntee. Begun and finished May 15, 1896.

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

Secretary's Order No. 15507.—The surface of pier was cleaned and the sheathing patched. Used 4,310 feet, B. M., of 3-inch and 4-inch spruce. Cost to be collected from McDermott, lessee. Begun June 13 and finished June 18, 1896.

*EAST RIVER.**Pier, new 29, E. R.*

Secretary's Order No. 16283.—A new iron mooring post was placed and properly fastened on easterly inner end of pier. Cost to be collected from Carter, Macy & Co. Begun June 10 and finished June 14, 1896.

Pier, new 32, E. R.

Secretary's Order No. 16203.—A gangway was cut and necessary repairs made. Used 500 feet, B. M., of yellow pine. Cost to be collected from Portchester Transportation Company. Begun and finished May 7, 1896.

Bulkhead between Jackson and Cortlandt Street, E. R.

Secretary's Order No. 16540.—A portion of bulkhead was fenced off. Cost to be collected from Eliza G. Board. Begun September 19 and finished September 22, 1896.

Secretary's Order No. 16540.—A portion of bulkhead was fenced off. Cost to be collected from Gardner Estate. Begun September 19 and finished September 22, 1896.

Pier at Third Street, E. R.

Secretary's Order No. 16278.—Spring-piles were refastened and chocks renewed. Used 99 feet, B. M., of yellow pine. Cost to be collected from Palmer's Dock, Brooklyn. Begun and finished June 12, 1896.

Bulkhead along Northerly Side of East Seventeenth Street, E. R.

Secretary's Order No. 16222.—1 oak fender-pile was driven, other loose piles and chocks were put in place and refastened. Used 25 pounds of chain. Cost to be collected from owners of barge "Powhattan" and tug "Henry D. McCoy." Begun and finished May 11, 1896.

Pier foot of East Twenty-eighth Street.

Secretary's Order No. 16409.—A gangway was cut in the north side of the pier, 4 oak spring fender-piles driven and 2 galvanized-iron cleats placed for the accommodation of the Manhattan State Hospital, and the cost of same reported for collection. Begun July 15 and finished July 22, 1896.

Bulkhead at One Hundred and Fifty-seventh Street, H. R.

Secretary's Order No. 16454.—Old piles in clusters were pulled, 9 second-hand piles were driven, ribbon pieces put on backing-log, braces and cleats were placed and fastened. Used 257 feet, B. M., yellow pine. Cost to be collected from Thomas F. White. Begun July 27 and finished July 29, 1896.

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

Secretary's Order No. 16476.—One barrel of "Clover Leaf" cement was tested for and at the expense of H. Marquardt & Co. Begun July 30 and finished August 6, 1896.

Secretary's Order No. 16487.—One barrel of "Toltec" cement was tested for and at the expense of Calvin Tompkins. Begun August 6 and finished August 13, 1896.

Secretary's Order No. 16507.—One barrel of "Carlstadt" cement was tested for and at the expense of H. Marquardt & Co. Begun August 17 and finished August 24, 1896.

Secretary's Order No. 16613.—Three barrels of cement, "Lobster," "Stettiner," and "Rooster" brands, were tested for and at the expense of H. Marquardt & Co. Begun September 29 and finished October 6, 1896.

Secretary's Order No. 16655.—One barrel of "Bell" brand cement was tested for and at the expense of H. Marquardt & Co. Begun October 8 and finished October 15, 1896.

Secretary's Order No. 16743.—One barrel of Brightenburgh, "Hercules" brand, cement was tested for and at the expense of H. Marquardt & Co. Begun October 27 and finished November 3, 1896.

Secretary's Order No. 16749.—Three barrels of cement, "Atlas," "Olands" and "Alsen" brands, were tested for and at the expense of the Atlas Cement Co. Begun November 9 and finished November 27, 1896.

Secretary's Order No. 17701.—One barrel of cement was tested for and at the expense of the Gas Engine and Power Company, Morris Heights. Begun December 8 and finished December 9, 1896.

Secretary's Order No. 16855.—One barrel of "Vulture" cement was tested for and at the expense of H. Marquardt & Co. Begun November 18 and finished November 25, 1896.

DRAUGHTING ROOM.

REPORT FOR YEAR ENDING APRIL 30, 1897. SUMMARY OF WORK DONE IN DRAUGHTING ROOM. PLANS, SPECIFICATIONS, ESTIMATES AND STUDIES FOR CONTRACT WORK.

Engineer's Order No. 17054.—Plans, etc., for Pier at East One Hundred and Twelfth street, Harlem river. In progress; work suspended.

Engineer's Order.—Study and estimate for sheltered platform for the Pier at East One Hundred and Seventeenth street, Harlem river. Submitted June 10, 1896.

Engineer's Order.—Plans for two-story steel freight shed at Pier, new 43, North river. In progress; work suspended.

Secretary's Order No. 15476.—Repairs to Pier, old 54, North river (not let). Submitted July 16, 1896.

Secretary's Order No. 15883.—Plans for new coal dock at Randall's Island, Harlem river. (Contract No. 541). Submitted May 13, 1896.

Secretary's Order No. 15742.—For platform and paving in rear of wall between Piers, new 53 and new 54, North river (Contracts Nos. 530 and 545). Submitted October 13, 1896.

Secretary's Order No. 16146.—Repairing and extending Pier at West One Hundred and Thirty-first street, North river (Contract No. 549). Submitted September 1, 1896.

Secretary's Order No. 16147.—For new pier at East One Hundred and Sixteenth street, Harlem river (Contract No. 558). Submitted October 17, 1896.

Secretary's Order No. 16207.—Repairs to crib-bulkhead at East Fourth street, East river (Contract No. 550). Submitted September 3, 1896.

Secretary's Order No. 16460.—Pier at Hart's Island, East river (Contract No. 559). Submitted November 12, 1896.

Secretary's Order No. 16552.—Repairs to Pier at Willow lane, Eastchester Bay (not let). Submitted November 12, 1896.

Secretary's Order No. 16735.—Repairs to Pier at East Fifth street, East river (Contract No. 566). Submitted December 30, 1896.

Secretary's Order No. 16740.—Foundations for recreation building, East Third street, East river (Contract No. 561). Submitted December 10, 1896.

Secretary's Order No. 16765.—Temporary Piers, old 56½ and old 58½, North river (Contract No. 569). Submitted January 26, 1897.

Secretary's Order No. 16765.—Extension and repairs to Pier, old 59, North river (Contract No. 574). Submitted February 10, 1897.

Secretary's Order No. 16618.—Extending and repairing Pier at West One Hundred and Thirty-second street, North river (Contract No. 572). Submitted February 3, 1897.

Secretary's Order No. 16737.—Repairing Pier at West Thirty-fifth street, North river (Contract No. 576). Submitted February 25, 1897.

Engineer's Order No. 17426.—Specifications for repairing Pier at East Twenty-eighth street, East river (Contract No. 578). Submitted March 10, 1897.

Engineer's Order No. 17055.—Plans, etc., for foundations for recreation building on Pier at West One Hundred and Twenty-ninth street, North river, and for extending and repairing pier (not let). Submitted March 19, 1897.

Secretary's Order No. 17106.—Plans, etc., for enlarging and repairing Pier at Riker's Island. In progress.

Secretary's Order No. 16815.—Rebuilding Pier, old 44, East river (Not let). Submitted March 25, 1897.

Secretary's Order No. 17011.—Plans for breakwater at Pier A (Contract No. 584). Submitted April 13, 1897.

Engineer's Order No. 17599.—Repairs to Pier, old 42, North river (Contract No. 583). Submitted April 7, 1897.

Secretary's Order No. 17426.—Repairs to Pier at East Twenty-eighth street, East river (Contract No. 578). Submitted March 10, 1897.

Minor plans for recreation building on Pier at East Third street, East river (Contract No. 575). Submitted April, 1897.

Engineer's Order.—Two-story steel shed for Pier, new 43, North river. In progress.

Engineer's Order.—Plans for dredging for Crib No. 2, at Sherman's creek (Contract No. 532). Submitted October 7, 1896.

Engineer's Order.—Plans for crib-bulkhead No. 2, at Sherman's creek (Contract No. 554). Submitted October 12, 1896.

Engineer's Order.—Plans for White Star Pier, at West Eleventh street, North river. In progress.

Engineer's Order.—Plans for Crib-bulkhead, from West One Hundred and Thirty-fifth to West One Hundred and Thirty-seventh street, North river. In progress.

Engineer's Order.—Plans for repairs to platform at the foot of Seventh avenue, North river. In progress.

Secretary's Order No. 17106.—Plans for enlarging and repairing Pier at Riker's Island. In progress.

Plans, Studies, Estimates, etc., for Construction or Repairs by Department Labor under Treasurer's Order.

Secretary's Order No. 15844.—Steel store-room at Pier "A" (Treasurer's Order No. 18509). Submitted May 23, 1896.

Engineer's Order.—Repairs to blue print frame at Pier "A."

Engineer's Order.—Repairs to float-stage gangway at Pier "A."

Engineer's Order.—Plans for house-boat for repairing gang. Submitted September 8, 1896.

Engineer's Order.—Plans for house-boat for Surveyors. Submitted September 8, 1896.

Engineer's Order.—Plans for foundation for Police Department crane at Pier "A." Submitted December 3, 1896.

Engineer's Order.—Plumbing plan and floor-beam plan for recreation building at East Third street, East river.

New Plans for Waterfront Improvement or for Change in Lines.

Engineer's Order.—Map and description in duplicate for change of lines for Pier at East Twenty-sixth street, East river. Submitted April 10, 1897.

Engineer's Order.—Maps in duplicate of amended plan for waterfront improvements from Gansevoort to West Twenty-third street, North river. In progress.

Plans Submitted by Private Parties Examined and Reported.

Secretary's Order No. 16189.—Pier and shed extension, old 38, East river. Submitted May 1, 1896.

Secretary's Order No. 16237.—Amended plans for pier extension to Old 38, East river. Submitted May 12, 1896.

Secretary's Order No. 16620.—Plans for extension to pier and shed at Old 9, North river. Submitted September 30, 1896.

Engineer's Order.—Plans for bulkhead-shed at Pier, new 38, North river. Submitted May 5, 1896.

Engineer's Order.—Plans for repairs to crib-bulkhead between West Sixteenth and West Seventeenth streets, North river. Submitted May 5, 1896.

Engineer's Order.—Plans for coal pocket East One Hundred and Seventh street, Harlem river. Submitted May 9, 1896.

Engineer's Order.—Plans for railroad float-bridge between West Fifteenth and West Sixteenth streets, North river. Submitted May 25, 1896.

Engineer's Order.—Plans for ferry racks between Piers, new 53 and 54, North river. Submitted May 12, 1896.

Engineer's Order.—Plans for shed extension on Pier, old 38, East river. Submitted June 15, 1896.

Engineer's Order.—Plans for suspended platform in shed on Pier, new 26, North river. Submitted June 22, 1896.

Engineer's Order.—Plans for bulkhead-shed between Piers, new 23 and new 24, North river. Submitted July 22, 1896.

Engineer's Order.—Plans for bulkhead-shed at Pier, new 29, North river. Submitted July 18, 1896.

Engineer's Order.—Plans for pile foundation for bulkhead-shed between Piers, new 53 and new 54, North river. Submitted July 8, 1896.

Engineer's Order.—Plans for boiler and machine shop at Morris Heights, Harlem river, for the Gas Engine and Power Company. Submitted July 21, 1896.

Engineer's Order.—Plans for steel pocket-dump at East Seventeenth street, East river. Submitted August 13, 1896.

Engineer's Order.—Plans for Pennsylvania Railroad ferry structure between West Twenty-third and West Twenty-fourth streets, North river. Submitted August 25, 1896.

Engineer's Order.—Plans for boiler-house and smith-shop for the Gas Engine and Power Company at Morris Heights, Harlem river. Submitted September 1, 1896.

Engineer's Order.—Plans for platform extensions and marine railways for Gas Engine and Power Company at Morris Heights, Harlem river. Submitted August 24, 1896.

Engineer's Order.—Plans for wooden shed extension for Gas Engine and Power Company at Morris Heights, Harlem river. Submitted October 21, 1896.

Engineer's Order.—Plans for extension to boiler-house and smith-shop for Gas Engine and Power Company at Morris Heights, Harlem river. Submitted October 21, 1896.

Engineer's Order.—Plans for crib foundation for coal pockets for the New York Steam Company, between East Fifty-ninth and East Sixtieth streets, East river. Submitted September 2, 1896.

Engineer's Order.—Plans for two additional rooms in office portion of pier-shed on new 59, North river. Submitted September 24, 1896.

Engineer's Order.—Plans for wooden shed between West One Hundred and Thirty-fourth and West One Hundred and Thirty-fifth streets, North river. Submitted October 15, 1896.

Engineer's Order.—Plans for crib-bulkhead at East One Hundred and Forty-sixth street, Harlem river. Submitted October 21, 1896.

Engineer's Order.—Plans for Manhattan State Hospital Pier at Ward's Island, Harlem river. Submitted October 16, 1896.

Engineer's Order.—Modified plans for boiler and engine foundations for Pennsylvania Railroad at West Twenty-third street Ferry, North river. Submitted October 29, 1896.

Engineer's Order.—Plans for Erie Railroad office building on bulkhead at the foot of Chambers street. Submitted November 14, 1896.

Engineer's Order.—Plans for platform near Dock street, Morris Heights, Harlem river. Submitted November 18, 1896.

Engineer's Order.—Modified plans for wooden shed between West One Hundred and Thirty-fourth and West One Hundred and Thirty-fifth streets, North river. Submitted November 21, 1896.

Engineer's Order.—Department of Public Works plans for sewers at Grand street and at Pier 61, East river. December 14, 1896.

Engineer's Order.—Plans for coal trestle between East Thirty-seventh and East Thirty-eighth streets, East river. Submitted December 31, 1896.

Engineer's Order.—Plans for crib-bulkhead for the Third Avenue Railroad Company, between West Two Hundred and Sixteenth and West Two Hundred and Eighteenth streets, Harlem river. Submitted January 7, 1897.

Engineer's Order.—Plans for dumping-board between West Sixteenth and West Seventeenth streets, North river. Submitted January 7, 1897.

Engineer's Order.—Plans for dumping-board extension on Pier at East One Hundred and Tenth street, Harlem river. Submitted January 12, 1897.

Engineer's Order.—Plans for small shed on Pier, old 23, East river. Submitted January 28, 1897.

Engineer's Order.—Plans for shed on bulkhead at East One Hundred and Fourteenth street, Harlem river. Submitted January 28, 1897.

Engineer's Order.—Plans for temporary dumping-board on Pier at West One Hundred and Thirty-first street, North river, for the Department of Street Cleaning. Submitted February 3, 1897.

Engineer's Order.—Plans for warehouse and grain elevator, between East Thirty-second and East Thirty-third streets, East river. Submitted March 11, 1897.

Engineer's Order.—Plans for platform extension between Piers, old 26 and old 27, East river. Submitted March 24, 1897.

Engineer's Order.—Plans for shed on platform, between Piers, old 26 and old 27, East river. Submitted April 6, 1897.

Engineer's Order.—Plans for Pier for the Brooklyn and New York Ferry Company, between Piers, old 57 and old 58, East river. Submitted March 30, 1897.

Engineer's Order.—Plans for New York Steam Company's building, between East Fifty-ninth and East Sixtieth streets, East river. Submitted April 15, 1897.

Engineer's Order.—Plans for dumping board on pier, between Piers, old 57 and 58, East river. Submitted April 19, 1897.

Engineer's Order.—Plans for proposed lowering of conveyor of pocket dump at East Seventeenth street, East river, for the Department of Street Cleaning. Submitted April 17, 1897.

Engineer's Order.—Application for Gas Engine and Power Company to dredge at Morris Heights, Harlem river. Submitted April 28, 1897.

Other Reports on Secretary's and other Orders.

Secretary's Order No. 16290.—Prepare Ferry maps of North and East River Ferries for Comptroller. Submitted June 5, 1896.

Secretary's Order No. 16306.—Prepare statement for drafting supplies required from August 1, 1896 to April 30, 1897. Submitted June 10, 1896.

Secretary's Order No. 16370.—Prepare sixteen copies of map for condemnation, from Bethune to Gansevoort street, North river. Submitted July 6, 1896.

Secretary's Order No. 16371.—Prepare maps showing present condition of water front with established lines, etc., between East Fifty-seventh and East Sixtieth streets, East river. Submitted July 6, 1896.

Secretary's Order No. 16392.—Prepare five copies of maps of premises to be condemned, between West Thirty-third and West Thirty-fourth streets, North river, for the Corporation Counsel. Submitted July 15, 1896.

Secretary's Order No. 16408.—Prepare map of land under water occupied by the East Bay Land and Improvement Company at Leggett's creek. Submitted July 16, 1896.

Secretary's Order No. 16617.—Prepare twelve copies of maps for condemnation, between Bethune and Gansevoort streets, previously furnished under Secretary's Order No. 16369. Submitted October 13, 1896.

Secretary's Order No. 16838.—Prepare maps in triplicate for closing West Eleventh street and Thirteenth avenue. Gansevoort and West Eleventh street. Submitted December 22, 1896.

Secretary's Order No. 16859.—Prepare maps in triplicate for closing Bank, Bethune, West Twelfth, Jane and Horatio streets. Submitted January 8, 1897.

Secretary's Order No. 16914.—Prepare Seventy-five blue-print copies of plans for dredging, from West Eleventh to Gansevoort street, North river; in progress.

Engineer's Order.—Prepare duplicate copies of damage map, from Bank to Bethune street, North river, for the Corporation Counsel. Submitted May 25, 1896.

Engineer's Order.—Prepare nine copies of map of premises to be acquired at Pier, old 35, East River. Submitted June 29, 1896.

Engineer's Order.—Prepare list of parcels of land under water reclaimed and turned over to the Sinking Fund Commissioners. Submitted July 8, 1896.

Engineer's Order.—Prepare maps in triplicate for alterations in grades of West Forty-seventh,

West Forty-eighth and West Forty-ninth streets, between Eleventh avenue and the bulkhead line. Submitted July 29, 1896.

Engineer's Order.—Prepare maps in triplicate for alterations in grades of West Fifty-sixth, West Fifty-seventh and West Fifty-eighth streets, from Eleventh avenue to the bulkhead line. Submitted July 29, 1896.

Engineer's Order.—Prepare maps in triplicate for alterations in grades of East Ninetieth street, from First avenue to the bulkhead line.

Engineer's Order.—Prepare six copies of maps showing buildings for condemnation, between Bethune and Gansevoort streets, North river. Submitted July 25, 1896.

Engineer's Order.—Prepare a map and water front statistics of Greater New York. Submitted October 21, 1896.

Engineer's Order.—Supervise and direct the preparation of plans for steel dump pocket at East Seventeenth street, East river, by the Department of Street Cleaning. Submitted August 6, 1896.

Engineer's Order.—Prepare maps in duplicate for changing grades of West Forty-eighth, West Forty-ninth and West Fiftieth streets, from Eleventh avenue to the bulkhead line. Submitted December 3, 1896.

Engineer's Order.—Prepare maps in duplicate for changing grades, from West Fifty-sixth, West Fifty-seventh and West Fifty-eighth streets, from Eleventh avenue to the bulkhead line. Submitted December 3, 1896.

Engineer's Order.—Prepare maps in duplicate for change of grade of East Ninetieth street, from First avenue to the bulkhead line. Submitted December 3, 1896.

Engineer's Order.—Prepare a copy of the New Plan between Second and Third avenues, Harlem river, for Corporation Counsel. Submitted January 13, 1897.

Engineer's Order.—Prepare an estimate of the bulkhead-wall, crib-bulkheads, piers and platforms built, wharfage room made and land under water reclaimed between May 1, 1870, and May 1, 1896. Submitted January 7, 1897.

Engineer's Order.—Prepare a map showing the bulkhead to be acquired between Piers, old 35 and old 36, East river. Submitted January 14, 1897.

Miscellaneous Maps, Sun Prints, Etc.

Maps and tracings, including 23 new standard maps. 301

Blue prints. 1,206

White prints. 446

Of the above, 53 maps, 223 blue prints and 75 white prints were made for other Departments or for outside parties, the balance in the conducting of the Department work.

Routine Work.

Plotting surveys on standard maps.

Plotting soundings on standard sounding sheets.

Making new standard maps.

Keeping up progress maps and reports of bulkhead-wall construction.

Miscellaneous studies and estimates.

Maintaining records in water-front registers.

Records, filing, etc.

Contracts under which Work has been Done during the Year.

No.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
511. General Repairs and Under New Plan.	For dredging on the North river, between the Battery and West Thirty-fourth street. Dated September 19, 1895.	Sept. 26, 1895	June 30, 1896	17½c. cubic yard.	\$31,280.88
512. General Repairs.	For dredging north of West Thirty-fourth street on the North river. Dated September 11, 1895.	Sept. 18, 1895	June 30, 1896	17½c. cubic yard.	13,621.00
513. General Repairs.	For dredging on the East and Harlem rivers. Dated October 21, 1895.	Oct. 27, 1895	Feb. 1, 1897	20c. cubic yard.	15,024.20
517. Under New Plan.	For furnishing sawed yellow pine timber. Dated October 16, 1895.	Dec. 30, 1895	Apr. 15, 1896	\$20.00	14,848.18
525. Under New Plan.	For furnishing and putting in place small cobble and rip-rap stone, and for furnishing and delivering sand and broken stone. Dated February 5 and 28, 1896.	Class I.: Mar. 20, 1896 Class II.: Apr. 15, 1896 Class III.: Mar. 10, 1896 Class IV.: Apr. 30, 1896	May 20, 1896 May 11, 1896 June 29, 1896 July 14, 1896	Cobble, 94½c. Rip-rap, 27c. Sand, 67c. Broken stone, \$1.25	4,271.40 890.46 816.73 2,313.75
527. Under New Plan.	For furnishing and delivering about 700 tons of anthracite coal. Dated March 19, 1896.	Mar. 23, 1896	July 9, 1896	\$3.70	2,565.34
528. Under New Plan.	For removing rock and other material to a depth of ten feet below mean low water, between East Ninety-second and East Ninety-third streets, E. R. Dated April 11, 1896.	Apr. 16, 1896	June 27, 1896	7,313.20	7,313.20
529. Not Under New Plan.	For preparing for and building the foundations and sub-structure for storage and dumping bins at the foot of East Seventeenth street, E. R. Dated April 22, 1896.	Apr. 27, 1896	June 24, 1896	3,093.50	3,093.00
531. Under New Plan.	For furnishing sawed spruce timber. Dated May 2, 1896.	May 15, 1896	Aug. 10, 1896	\$20 per M.	3,000.01
532. Under New Plan.	For dredging at and in Sherman's creek, on the Harlem river. Dated May 8, 1896.	May 11, 1896	Sept. 10, 1896	21.00	39,842.89
533. Under New Plan.	For preparing for and building a crib-bulkhead in Sherman's creek, on the Harlem river. Dated June 5, 1896.	Aug. 3, 1896	Dec. 30, 1896	\$34,900.00	34,900.00
534. General Repairs and Not Under New Plan.	For dredging at Pier at foot of West One Hundred and Fifty-eighth street, at the landing dock on North Brother Island, E. R., and the proposed new coal pier on Randall's Island, E. R. Dated May 12, 1886.	May 23, 1896	June 6, 1896	Class I., Pier W. 158th st., 22 cents Class II., Landing dock, N. Brother Island, 34 cents Class III., Randall's Island, 48 cents	762.52 288.32 911.52
535. Under New Plan and General Repairs.	For dredging on the North river, between the Battery and West Thirty-fourth street, N. R. Dated May 9, 1896.	July 9, 1896	In progress.	12½ cents cubic yard.	
536. Under New Plan and General Repairs.	For dredging north of West Thirty-fourth street on the North river. Dated June 5, 1896.	Aug. 2, 1896	In progress.	13½ cents cubic yard.	
537. General Repairs.	For dredging sundry-named places on the North river. Dated May 11, 1896.	May 18, 1896	July 6, 1896	9 cents per cubic yard.	19,856.25
538. Under New Plan.	For dredging in vicinity of East One Hundred and Sixteenth street, H. R. Dated June 10, 1896.	June 17, 1896	Feb. 2, 1897	14½ cents cubic yard.	2,226.66
539. Under New Plan.	For furnishing and putting in place small cobble and rip-rap stones and for furnishing and delivering sand and broken stone. Dated Class I., June 13, Class III., June 27, and Class IV., June 25, 1896.	Class I.: June 2, 1896 Class II.: Not let. Class III.: July 30, 1896 Class IV.: July 16, 1896	Sept. 17, 1896 Not let. Jan. 25, 1897 Dec. 4, 1896	Cobble, 89 cents Sand, 64½ cents Broken stone, \$1.55½	2,360.28 769.88 2,677.71
540. Under New Plan.	For preparing for and paving the newly-made land in the vicinity of Pier new 13, N. R., with granite or Staten Island syenite blocks and laying crosswalks. Dated June 18, 1896.	June 25, 1896	July 27, 1896	\$2,979.47	2,929.47
541. Not Under New Plan.	For preparing for and building new coal pier, with appurtenances, on the westerly side of Randall's Island. Dated July 27, 1896.	Aug. 4, 1896	Oct. 10, 1896	5,897.00	5,897.00
542. Under New Plan and General Expense.	For furnishing and delivering stationery and printed and lithographed forms, etc. Dated Sept. 9, 1896.		Dec. 14, 1896	Class I., \$1,420.00 Class II., 812.00	1,420.00 812.00
543. Under New Plan.	For the removal of the piers at the foot of Bethune and West Eleventh street, N. R. Dated Sept. 18, 1896.	Sept. 28, 1896	Dec. 4, 1896	\$2,533.00	2,533.00
544. Under New Plan.	For furnishing and putting in place rip-rap stones. Dated Sept. 9, 1896.	Sept. 11, 1896	In progress.	0.35	
545. Under New Plan.	For preparing for paving and repaving the newly-made land in the vicinity of Piers, new 53, 54 and 55, North river, with granite or Staten Island syenite blocks, laying crosswalks and building the necessary drains or sewers and appurtenances. Dated September 30, 1896.	Oct. 16, 1896	In progress.	18,100.00	
546. Under New Plan.	For preparing for and removing the existing structures covering the northerly half of the block between Bank and Bethune streets, from West street to Thirteenth avenue, North river.	Not let.			
547. Under New Plan.	For furnishing sawed spruce timber. Dated September 17, 1896.	Sept. 28, 1896	Mar. 29, 1897	\$19.17 per M.	2,954.20
548. Under New Plan.	For furnishing and delivering about 700 tons anthracite coal. Dated October 2, 1896.	Oct. 22, 1896	Dec. 23, 1896	\$4.50	3,136.48
549. Not Under New Plan.	For preparing for and repairing and extending a portion of the pier at the foot of West One Hundred and Thirty-first street, North river. Dated November 4, 1896.	Nov. 9, 1896	Jan. 26, 1897	8,237.25	8,237.25
550. General Repairs.	For preparing for and repairing the crib-bulkhead at the foot of East Fourth street, East river. Dated November 4, 1896.	Jan. 1, 1897 Jane st. Mar. 1, 1897 Horatio st. Nov. 19, 1896	Jan. 27, 1897 Mar. 18, 1897 Nov. 30, 1896	2,530.00 1,137.00 775.00	2,530.00 1,137.00 17,068.13
551. Under New Plan.	For the removal of the piers at the foot of Jane and Horatio streets, North river. Dated November 11, 1896.	Nov. 30, 1896	Feb. 11, 1897	19½ cents per cu. yd.	335,000.00
552. Under New Plan.	Removal of pier and appurtenances at the foot of West Twelfth street, North river. Dated November 5, 1896.	Nov. 30, 1896	Feb. 11, 1897	\$2.45 per barrel.	
553. Under New Plan.	Dredging at and in Sherman's creek, Harlem river. Dated November 25, 1896.	Feb. 8, 1897	In progress.	Class I., H. and S.: 96c. Class II., Coping: \$1.10.	
554. Under New Plan.	For furnishing and building a crib-bulkhead in Sherman's creek, Harlem river.	Apr. 29, 1897	In progress.		
555. Under New Plan.	For furnishing 4,000 barrels of Portland cement. Dated December 31, 1896.	Not let.			
556. Under New Plan.	For furnishing granite stones for bulkhead or river wall. Dated December 19, 1896.	Feb. 1, 1897	Apr. 3, 1897	\$8,867.00	8,867.00
557. General Repairs.	For preparing for and repairing the pier on the westerly shore of Eastchester Bay, at the foot of Willow lane.	Jan. 22, 1897	Apr. 15, 1897	5,800.00	5,800.00
558. Under New Plan.	For preparing for and building a new wooden pier, with appurtenances, at the foot of East One Hundred and Sixteenth street, Harlem river. Dated January 20, 1897.	Feb. 4, 1897	In progress.	8,700.00	
559. Not Under New Plan.	Preparing for and building a new pier, with appurtenances, on the westerly side of Hart's Island, Long Island Sound. Dated January 22, 1897.	Feb. 10, 1897	Apr. 9, 1897	5,734.00	5,734.00
560. Under New Plan.	For filling behind the cribwork at Sherman's creek, Harlem river. Dated January 14, 1897.	Mar. 11, 1897	In progress.	17½ cents per cubic yard.	
561. Construction under chapter 298, Laws of 1892.	For removing the awning shed from the pier and for preparing for and building foundations for the Recreation Building to be hereafter erected on the Pier at the foot of East Third street, East river. Dated February 8, 1897.	Jan. 21, 1897 Jan. 20, 1897 Mar. 29, 1897 Feb. 10, 1897	In progress. In progress. In progress. In progress.	\$4.24 \$19 per M. \$83,790.00 8,242.00	
562. General Repairs.	Dredging on East and Harlem rivers. Dated January 29, 1897.	Feb. 20, 1897	Mar. 26, 1897	1,240.00	1,240.00
563. Under New Plan.	For furnishing and delivering about 700 tons anthracite coal. Dated January 19, 1897.	Mar. 17, 1897	April 3, 1897	0.35	
564. Under New Plan.	For furnishing sawed yellow pine timber. Dated February 4, 1897.	Mar. 23, 1897	In progress.	Class I.: 8,000.00	
565. Under New Plan.	Dredging between West Eleventh and Bank streets, North river. Dated February 20, 1897.	Apr. 29, 1897	In progress.	Class II.: 8,473.00	
566. General Repairs.	For preparing for and repairing the Pier at the foot of East Fifth street, East river. Dated February 8, 1897.	Apr. 5, 1897	In progress.	19½c. cubic yards.	
567. Under New Plan.	For removal of the pier and appurtenances near the foot of Catharine Slip, known as Pier, old 35, East river. Dated February 11, 1897.	Apr. 6, 1897	In progress.	\$79,000.00	
568. General Repairs.	For dredging at the pile platform, foot of Seventh street, Unionport (known as the Town Dock), and at the bulkhead, foot of Main street, West Chester (known as the Town Dock, in Westchester creek.) Dated March 6, 1897.	Mar. 22, 1897	In progress.	Class I., repairing and extending Pier, \$15,769. Class II.: rip-rap, 39c. cubic yard.	
569. Temporary Construction Under New Plan.	For preparing for and building temporary piers between Piers, old 56 and old 57, and between Piers, old 58 and 59, North river. Dated March 16, 1897.			17½c. 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.				
571. Under New Plan.	For dredging between West Twelfth street and Gansevoort streets, North river. Dated March 12, 1897.				
572. General Repairs.	For preparing for and repairing and extending the Pier at the foot of West One Hundred and Thirty-second street, N. R. Dated April 10, 1897.				
573. General Repairs, Under New Plan.	For dredging on the North river, between the Battery and West Thirty-fourth street, N. R. Dated March 20, 1897.				

574. General Repairs...	For preparing for and repairing and extending Pier, old 59, North river. Dated March 27th, 1897.....	.....	.....	.....	\$2,975 00	.....
575. Construction Under chapter 298, Laws of 1892)	For preparing for and building a Recreation Structure on the Pier at the foot of East Third street, E. R. Dated March 26, 1897.....	Apr. 1, 1897	In progress.	.....	52,970 00	.....
576. General Repairs...	For preparing for and repairing the Pier at the foot of West Thirty-fifth street, N. R. Dated April 14, 1897.....	.....	.....	.....	5,717 00	.....
577. Under New Plan...	For furnishing sawed spruce timber. Dated April 19, 1897.....	Apr. 24, 1897	In progress.	.....	\$21 M.	.....
578. General Repairs...	For preparing for and repairing the Pier at the foot of East Twenty-eighth street, E. R. Dated April 14, 1897.....	.....	.....	.....	2,137 00	.....
579. Under New Plan...	For furnishing and putting in place small cobble stones and for furnishing and putting in place rip-rap stone. Dated April 30, 1897.....	.....	.....	.....	(Class I.; cobble, 69c.....)	.....
					(Class II.; rip-rap, 42c.....)	.....

FORMS OF CONTRACTS AND SPECIFICATIONS PREPARED AND SUBMITTED TO THE BOARD.

Secretary's Order No. 15883.—For new coal dock at Randall's Island, Harlem river. Submitted May 13, 1896, and advertised as Contract No. 541.

Engineer's Order.—For paving in the vicinity of Pier, new 13, North river. Submitted May 14, 1896, and advertised as Contract No. 540.

Engineer's Order.—For removing existing structures on the north half of block between Bank and Bethune streets, North river. Submitted May 29, 1896, advertised as Contract No. 546, but never awarded.

Engineer's Order.—For spruce plank. Submitted July 15, 1896, and advertised as Contract No. 547.

Engineer's Order.—For coal. Submitted July 15, 1896, and advertised as Contract No. 548.

Secretary's Order No. 15476.—For repairs to Pier, old 54, North river. Submitted July 16, 1896, and never advertised.

Secretary's Order No. 16404.—For removing Pier at West Eleventh street and Pier at Bethune street, North river. Submitted August 3, 1896, and advertised as Contract No. 543.

Engineer's Order.—For rip-rap. Submitted August 3, 1896, and advertised as Contract No. 544.

Engineer's Order.—For removing buildings between Bank and Bethune streets, North river. Submitted August 4, 1896, and advertised as Contract No. 546.

Engineer's Order.—For paving between West Twenty-third street and Pier, new 55, North river (in the vicinity of Pier, new 53, 54 and 55). Submitted August 5, 1896, and advertised as Contract No. 545.

Secretary's Order No. 16146.—For repairing and extending Pier at West One Hundred and Thirty-first street, North river. Submitted September 1, 1896, and advertised as Contract No. 549.

Secretary's Order No. 16207.—For repairs to crib-bulkhead at East Fourth street, East river. Submitted September 3, 1896, and advertised as Contract No. 550.

Engineer's Order.—For removal of Piers at Jane and Horatio streets, North river. Submitted September 29, 1896, and advertised as Contract No. 551.

Secretary's Order No. 16593.—For removal of Pier at Horatio street, North river. Submitted September 29, 1896, and advertised as Contract No. 551.

Secretary's Order No. 16594.—For removal of Pier at Horatio street, North river. Submitted September 29, 1896, and advertised as Contract No. 551.

Secretary's Order No. 16592.—For the removal of the pier and appurtenances at the foot of West Twelfth street, North river. Submitted October 1, 1896, and advertised as Contract No. 552.

Engineer's Order.—For building crib-bulkhead No. 2 at Sherman's creek. Submitted October 12, 1896, and advertised as Contract No. 554.

Engineer's Order.—For cement. Submitted October 12, 1896, and advertised as Contract No. 555.

Engineer's Order.—For granite. Submitted October 13, 1896, and advertised as Contract No. 556.

Engineer's Order.—For dredging crib-bulkhead at Sherman's creek, Harlem river. Submitted October 15, 1896, and advertised as Contract No. 553.

Secretary's Order No. 16147.—For new Pier at East One Hundred and Sixteenth street, Harlem river. Submitted October 17, 1896, and advertised as Contract No. 558.

Secretary's Order No. 16552.—For repairs to Pier at Willow lane, Eastchester Bay. Submitted November 5, 1896, and advertised as Contract No. 557, but not awarded.

Secretary's Order No. 16460.—For new pier, Hart's Island, E. R. Submitted November 12, 1896, and advertised as Contract No. 559.

Engineer's Order.—For filling behind crib-bulkhead at Sherman's creek, Harlem river. Submitted November 18, 1896, and advertised as Contract No. 560.

Engineer's Order.—For coal. Submitted December 5, 1896, and advertised as Contract No. 563.

Secretary's Order No. 16740.—For foundations for Recreation Building at East Third street, East river. Submitted December 10, 1896, and advertised as Contract No. 561.

Engineer's Order.—For dredging on East and Harlem rivers. Submitted December 10, 1896, and advertised as Contract No. 562.

Engineer's Order.—For yellow pine. Submitted December 17, 1896, and advertised as Contract No. 564.

Engineer's Order.—For dredging between West Eleventh and Bank streets, North river. Submitted December 24, 1896, and advertised as Contract No. 565.

Secretary's Order No. 16735.—For repairs to Pier at East Fifth street, East river. Submitted December 30, 1896, and advertised as Contract No. 566.

Engineer's Order.—For the removal of Pier, old 35, near the foot of Catharine street, East river. Submitted December 30, 1896, and advertised as Contract No. 567.

Secretary's Order No. 16895.—For dredging at the "Town Docks" at West Chester and Unionport, in Westchester creek. Submitted January 21, 1897, and advertised as Contract No. 568.

Secretary's Order No. 16591.—For dredging between West Eleventh and Bank streets. Submitted January 25, 1897. See Contract No. 565.

Secretary's Order No. 16765.—For temporary Piers, old 56½ and old 58½, North river. Submitted January 26, 1897, and advertised as Contract No. 569.

Engineer's Order.—For dredging in the Harlem river. Submitted January 28, 1897, and advertised as Contract No. 570.

Secretary's Order No. 16618.—For repairing and extending Pier at West One Hundred and Thirty-second street, North river. Submitted February 3, 1897, and advertised as Contract No. 572.

Engineer's Order.—For dredging between West Twelfth and Gansevoort streets, North river. Submitted February 4, 1897, and advertised as Contract No. 571.

Secretary's Order No. 16765.—For repairing and extending Pier, old 59, North river. Submitted February 10, 1897, and advertised as Contract No. 574.

Engineer's Order.—For dredging on North river, between Battery and Thirty-fourth streets. Submitted February 11, 1897, and advertised as Contract No. 573.

Order of the Board.—For preparing for and building a Recreation Structure at the foot of East Third street, East river. Submitted February 18, 1897, and advertised as Contract No. 575.

Secretary's Order No. 16737.—For repairing Pier at West Thirty-fifth street, North river. Submitted February 25, 1897, and advertised as Contract No. 576.

Engineer's Order.—For furnishing sawed spruce timber. Submitted March 4, 1897, and advertised as Contract No. 577.

Engineer's Order.—For repairing Pier at East Twenty-eighth street, East river. Submitted March 10, 1897, and advertised as Contract No. 578.

Engineer's Order.—For cobble and rip-rap. Submitted March 10, 1897, and advertised as Contract No. 579.

Engineer's Order.—For foundations for Recreation Building at Pier West One Hundred and Twenty-ninth street, North river, and for extending and repairing pier. Submitted March 19, 1897, and never advertised.

Engineer's Order.—For paving in front of Pier, new 13, North river. Submitted March 24, 1897, and advertised as Contract No. 581.

Engineer's Order.—For dredging between Bank and West Twelfth streets, North river. Submitted March 24, 1897, and then withdrawn. Contract divided into Contracts Nos. 580 and 587.

Secretary's Order No. 16815.—For rebuilding Pier, old 44, East river. Submitted March 25, 1897, and never advertised.

Engineer's Order.—For dredging at West Thirty-fourth street section, North river. Submitted March 25, 1897, and to be advertised as Contract No. 582.

Engineer's Order.—For paving at One Hundred and Sixteenth street, Harlem river. Submitted April 12, 1897, and advertised as Contract No. 588.

Secretary's Order No. 17011.—For breakwater at Pier A, North river. Submitted April 13, 1897, and advertised as Contract No. 584.

Engineer's Order.—For paving in vicinity of Barclay street ferry, North river. Submitted April 14, 1897, and advertised as Contract No. 586.

Engineer's Order.—For dredging between Bank and Bethune streets, North river. Submitted April 15, 1897, and to be advertised as Contract No. 580.

Engineer's Order.—For dredging between Bethune and West Twelfth streets, North river. Submitted April 15, 1897, and to be advertised as Contract No. 587.

Engineer's Order.—For repairing Pier, old 42, North river. Submitted April 17, 1897, and to be advertised as Contract No. 583.

Dredging Done by the Department of Docks during the Year ending April 30, 1897.

LOCATION.	MONTH.	CUBIC YARDS.				MISCELLANEOUS.	DEPTH AT MEAN LOW WATER.	CONTRACT NO.	AUTHORIZATION.	BY WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.	PRICE.	AMOUNT.
		Mud.	Crib.	Crib not Filled with Stone.	Filling to Rear of Crib.									
							Feet.							
†Dump at Canal street, N. R.	Nov., 1896	552					15	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Nov. 15, 1896	Nov. 15, 1896	12½	\$69 00
Pier, new 38, N. R.	May, 1896	21,552					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	May 19, 1896	June 10, 1896	9	1,939 68
	June, 1896	13,101											9	1,179 09
Pier, new 39, N. R.	June, 1896	35,862					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	June 8, 1896	July 6, 1896	9	3,227 58
	July, 1896	4,068											9	356 12
Pier, new 40, N. R.	May, 1896	28,624					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	May 18, 1896	June 9, 1896	9	2,576 16
	June, 1896	21,960											9	1,976 40
Pier, new 42, N. R.	May, 1896	16,438					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	May 23, 1896	June 13, 1896	9	1,479 42
	June, 1896	31,819											9	2,863 71
Pier, new 44, N. R. (north side)	June, 1896	18,166					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	June 5, 1896	June 17, 1896	9	1,634 58
	May, 1896	7,024											9	632 16
Pier, new 45, N. R.	May, 1896	22,015					35	537	Res. of Board, April 9, 1896..	Henry DuBois' Sons	May 25, 1896	June 26, 1896	9	1,981 35
	Jan., 1897	2,327									Jan. 26, 1897		12½	290 83
Pier, new 46, N. R. (north side)	Feb., 1897	23,614					27	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.			12½	2,951 75
	Mar., 1897	1,369										Mar. 2, 1897	12½	171 13
Pier, new 47, N. R. (south side)	Feb., 1897	4,680					27	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Feb. 2, 1897	Mar. 8, 1897	12½	585 00
	Mar., 1897	4,570											12½	571 25
Bulkhead north of West Tenth street, N. R.	July, 1896	1,061					10	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	July 9, 1896	July 10, 1896	12½	132 63
Gansevoort Section (West Eleventh to Bank street)	Feb., 1897	2,748					30	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Feb. 20, 1897	Mar. 27, 1897	12½	343 50
	Mar., 1897	33,871				2,000 brick-work, 1,000 piles.	30	565	Res. of Board, Dec. 24, 1896..	Morris & Cumings Dredging Co.			12½	4,233 88
*Gansevoort Section (West Eleventh to Bank street)	Mar., 1897		24,000	1,900	50,000		30	565	Res. of Board, Dec. 24, 1896..	Morris & Cumings Dredging Co.	Mar. 29, 1897			
	Apr., 1897						30	565	Res. of Board, Dec. 24, 1896..	Morris & Cumings Dredging Co.		In progress.		34,493 00
Gansevoort Section, (Bethune to West Twelfth street)	Apr., 1897	6,866					30	573	Res. of Board, Feb. 11, 1897..	R. G. Packard	Apr. 24, 1897	In progress.	17½	1,218 72
	Mar., 1897	9,464					30	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Mar. 8, 1897	Mar. 24, 1897	12½	1,183 00
Gansevoort Section (West Twelfth to Gansevoort street)	Mar., 1897	19,840					30	573	Res. of Board, Feb. 11, 1897..	R. G. Packard	Mar. 23, 1897		17½	3,521 60
	Apr., 1897	6,312					30	573	Res. of Board, Feb. 11, 1897..	R. G. Packard		Apr. 3, 1897	17½	1,120 38
*Gansevoort Section (West Twelfth to Gansevoort street)	Apr., 1897		8,200		31,000		30	571	Res. of Board, Feb. 4, 1897..	R. G. Packard	Apr. 6, 1897	In progress.		11,119 00
†Dump at West Twelfth street, N. R.	Oct., 1896	782					15	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Oct. 5, 1896	Oct. 5, 1896	12½	97 75
	Jan., 1897	879					15	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Jan. 3, 1897	Jan. 3, 1897	12½	109 88
Pier at West Twelfth street, N. R. (north side)	Feb., 1897	857					15	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Feb. 22, 1897	Feb. 24, 1897	12½	107 13
†Dump at West Nineteenth street, N. R.	Oct., 1896	922					15	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Oct. 4, 1896	Oct. 7, 1896	12½	115 25
	Feb., 1897	607					15	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Feb. 21, 1897	Feb. 24, 1897	12½	75 88
Pier, new 58, N. R. (north side)	June, 1896	6,904					27	511	Res. of Board, July 15, 1895..	Morris & Cumings Dredging Co.	June 1, 1896	June 2, 1896	17½	1,208 20
Pier, new 58, N. R. (south side)	Apr., 1897	1,619					25	535	Res. of Board, Apr. 2, 1896..	Henry E. DuBois, Jr.	Apr. 27, 1897	In progress.	12½	202 38
	May, 1896	8,674					27	511	Res. of Board, July 15, 1895..	Morris & Cumings Dredging Co.	May 28, 1896		17½	1,517 95
Pier, new 59, N. R.	June, 1896	13,923					27	511	Res. of Board, July 15, 1895..	Morris & Cumings Dredging Co.		June 6, 1896	17½	2,436 53
	Jan., 1897	12,968					27	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Jan. 11, 1897		12½	1,621 00
	Feb., 1897	3,814					27	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.		Feb. 5, 1897	12½	476 75
	Apr., 1897	561					30	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Apr. 28, 1897	In progress.	12½	70 13
Pier, new 60, N. R.	June, 1896	16,377					27	511	Res. of Board, July 15, 1895..	Morris & Cumings Dredging Co.	June 8, 1896	Jan. 11, 1897	17½	2,865 97
†Dump at West Thirtieth street, N. R.	Jan., 1897	2,525					15	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Jan. 10, 1897	Jan. 11, 1897	12½	315 63
West Thirty-fourth Street Section, N. R.	Apr., 1897	13,774					35	535	Res. of Board, April 2, 1896..	Henry E. DuBois, Jr.	Apr. 10, 1897	Apr. 26, 1897	12½	1,721 75
	Apr., 1897	6,857					35	536	Res. of Board, April 2, 1896..	Steers & Bensen	Apr. 19, 1897	Apr. 23, 1897	13½	951 41
West Thirty-ninth street, N. R. (pier site)	June, 1896	9,945					15	512	Res. of Board, July 15, 1895..	P. Sanford Ross	June 3, 1896	June 29, 1896	17½	1,765 24
Bulkhead between Forty-third and Forty-fourth streets, N. R.	June, 1896	1,688					10 to 15	512	Res. of Board, July 15, 1895..	P. Sanford Ross	June 12, 1896	June 13, 1896	17½	299 62
Pier at Forty-fourth street, N. R. (north side)	Feb., 1897	1,283					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Feb. 12, 1897		13½	178 02
	Mar., 1897	7,376					15	536	Res. of Board, April 2, 1896..	Steers & Bensen		Mar. 10, 1897	13½	1,023 42
Pier at Forty-fifth street, N. R. (south side)	Feb., 1897	11,610					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Feb. 18, 1897		13½	1,612 14
	Mar., 1897	1,907					15	536	Res. of Board, April 2, 1896..	Steers & Bensen		Mar. 3, 1897	13½	264 60
†Dump at Forty-seventh street, N. R.	Nov., 1896	2,133					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Nov. 15, 1896	Nov. 17, 1896	13½	295 96
Bulkhead south of Fifty-seventh street, N. R.	Dec., 1896	1,434					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Dec. 9, 1896	Dec. 15, 1896	13½	198 97
	Nov., 1896	1,281					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Nov. 30, 1896		13½	177 74
Pier at Fifty-seventh street, N. R.	Dec., 1896	16,627					15	536	Res. of Board, April 2, 1896..	Steers & Bensen		Dec. 15, 1896	13½	2,307 00
Bulkhead north of Fifty-seventh street, N. R.	Dec., 1896	1,684					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Dec. 1, 1896	Dec. 2, 1896	13½	233 66
Bulkhead at Seventy-seventh street, N. R.	Aug., 1896	334					15	536	Res. of Board, April 2, 1896..	Steers & Bensen	Aug. 24, 1896		13½	46 34
	Sept., 1896	324					15	536	Res. of Board, April 2, 1896..	Steers & Bensen		Sept. 1, 1896	13½	44 09

Bulkhead between Seventy-seventh and Seventy-eighth streets, N. R.	Aug., 1896	2,476	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 24, 1896	.....	13%	\$343 55
Bulkhead at Seventy-eighth street, N. R.	Sept., 1896	3,135	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Sept. 7, 1896	.....	13%	434 98
Bulkhead between Seventy-eighth and Seventy-ninth streets, N. R.	Aug., 1896	857	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 26, 1896	.....	13%	118 91
Pier at Seventy-ninth street, N. R.	Sept., 1896	1,260	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Sept. 5, 1896	.....	13%	174 83
Bulkhead between Pier 10 and Pier 11, E. R.	Aug., 1896	2,427	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 26, 1896	.....	13%	336 75
Pier at Seventy-ninth street, N. R.	Sept., 1896	1,422	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Sept. 4, 1896	.....	13%	197 30
Bulkhead at Ninety-sixth street, N. R.	Aug., 1896	1,499	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 27, 1896	.....	13%	207 99
Dump at West One Hundred and Twenty-ninth street, N. R.	Sept., 1896	1,446	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Sept. 4, 1896	.....	13%	200 63
Pier at One Hundred and Thirty-second street, N. R.	Aug., 1896	351	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 2, 1896	.....	13%	48 70
Bulkhead between Pier 10 and Pier 11, E. R.	Feb., 1897	3,130	.....	.....	15	536	Res. of Board, April 2, 1896..	Steers & Benschel.....	Aug. 5, 1896	Aug. 12, 1896	13%	973 00
Bulkhead between Pier 10 and Pier 11, E. R.	May, 1896	400	.....	.....	12	512	Res. of Board, July 15, 1895..	P. Sanford Ross.....	May 1, 1896	May 1, 1896	17%	71 00
Bulkhead between Pier 10 and Pier 11, E. R.	May, 1896	166	.....	.....	12	512	Res. of Board, July 15, 1895..	P. Sanford Ross.....	May 1, 1896	May 1, 1896	17%	29 46
Pier at One Hundred and Thirty-eighth street, N. R.	May, 1896	2,987	.....	.....	15	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	May 23, 1896	May 23, 1896	22%	657 14
Pier, old 4, E. R. (east side)	June, 1896	479	.....	.....	15	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	June 4, 1896	June 4, 1896	22%	105 38
Bulkhead between Piers, old 4 and 5, E. R.	June, 1896	3,330	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 15, 1896	June 17, 1896	20%	667 20
Pier, old 5, E. R.	June, 1896	434	.....	.....	10	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 18, 1896	June 18, 1896	20%	80 98
Bulkhead between Piers, old 5 and 6, E. R.	June, 1896	6,923	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 16, 1896	June 16, 1896	20%	1,384 60
Pier, old 6, E. R.	July, 1896	999	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	July 10, 1896	July 10, 1896	20%	199 80
Bulkhead between Piers, old 6 and new 6, E. R.	June, 1896	1,184	.....	.....	10	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 20, 1896	June 20, 1896	20%	236 80
Pier, new 6, E. R. (west side)	June, 1896	10,445	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 22, 1896	June 22, 1896	20%	2,089 40
Pier 20, E. R. (east side)	July, 1896	3,797	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	July 2, 1896	July 2, 1896	20%	759 40
Bulkhead between Piers, old 6 and new 6, E. R.	July, 1896	221	.....	.....	10	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	July 9, 1896	July 9, 1896	20%	44 20
Pier, new 6, E. R. (west side)	June, 1896	635	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	June 30, 1896	June 30, 1896	20%	127 00
Pier 20, E. R. (east side)	July, 1896	8,020	.....	.....	12 10 20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	July 8, 1896	July 8, 1896	20%	1,605 80
Bulkhead between Piers 20 and 21, E. R.	Aug., 1896	4,865	.....	.....	20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Aug. 12, 1896	Aug. 12, 1896	20%	973 00
Pier 21, E. R. (west side)	Aug., 1896	1,048	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Aug. 12, 1896	Aug. 12, 1896	20%	209 60
Dump at Pier 44, E. R.	Aug., 1896	5,855	.....	.....	20	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Aug. 10, 1896	Aug. 10, 1896	20%	1,171 00
Pier 18, E. R. (east side)	Nov., 1896	584	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Nov. 2, 1896	Nov. 2, 1896	20%	116 80
Bulkhead foot of Cherry street, E. R.	Mar., 1897	719	.....	.....	15	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 11, 1897	Mar. 11, 1897	17%	124 93
Bulkhead at Twentieth street, E. R.	Apr., 1897	1,082	.....	.....	25	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Apr. 20, 1897	In progress	17%	188 00
Bulkhead between Twenty-fourth and Twenty-fifth streets, E. R.	Apr., 1897	549	.....	.....	25	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Apr. 8, 1897	Apr. 19, 1897	17%	95 39
Bulkhead between Twenty-fifth and Twenty-sixth streets, E. R.	Dec., 1896	3,399	.....	.....	15	513	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Apr. 23, 1897	Apr. 23, 1897	17%	103 38
Dump at Thirty-eighth street, E. R.	Dec., 1896	2,124	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Dec. 15, 1896	Dec. 19, 1896	20%	679 80
Dump at Forty-sixth street, E. R.	Sept., 1896	798	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Dec. 28, 1896	Dec. 29, 1896	20%	424 80
Dump at Eightieth street, E. R.	Jan., 1897	751	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Sept. 20, 1896	Sept. 20, 1896	20%	159 60
Bulkhead at One Hundred and Third street, H. R.	Mar., 1897	691	.....	.....	15	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Jan. 7, 1897	Jan. 7, 1897	20%	150 20
Bulkhead between One Hundred and Third and One Hundred and Fourth streets, H. R.	Nov., 1896	568	.....	.....	15	513	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 12, 1897	Mar. 12, 1897	17%	123 00
Bulkhead at One Hundred and Fourth street, H. R.	May, 1896	223	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Nov. 2, 1896	Nov. 2, 1896	20%	113 60
Bulkhead at One Hundred and Fifth street, H. R.	Nov., 1896	304	.....	.....	15	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	May 28, 1896	May 28, 1896	20%	44 60
Dump at One Hundred and Tenth street, H. R.	Apr., 1897	432	.....	.....	15	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Nov. 21, 1896	Nov. 21, 1896	20%	60 80
Bulkhead at One Hundred and Tenth street, H. R.	Mar., 1897	235	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Apr. 22, 1897	Apr. 22, 1897	17%	175 06
Bulkhead between One Hundred and Tenth and One Hundred and Eleventh streets, H. R.	Mar., 1897	786	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 19, 1897	Mar. 19, 1897	17%	40 83
Bulkhead at One Hundred and Eleventh street, H. R.	Mar., 1897	449	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 19, 1897	Mar. 19, 1897	17%	136 57
Bulkhead at One Hundred and Twelfth street, H. R.	Mar., 1897	848	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 20, 1897	Mar. 20, 1897	17%	78 01
Bulkhead at One Hundred and Thirteenth street, H. R.	Mar., 1897	442	.....	.....	12	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 20, 1897	Mar. 22, 1897	17%	147 34
Dump at One Hundred and Tenth street, H. R.	Mar., 1897	873	.....	.....	15	562	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 22, 1897	Mar. 23, 1897	17%	76 80
East One Hundred and Sixteenth street, H. R.	June, 1896	8,259	.....	.....	12	538	Res. of Board, Dec. 10, 1896..	Atlantic Dredging Co.....	Mar. 24, 1897	Mar. 25, 1897	17%	151 68
Pier at One Hundred and Nineteenth street, H. R.	Jan., 1897	6,053	.....	.....	12	538	Res. of Board, April 23, 1896..	Morris & Cummings Dredging Co.	June 17, 1896	June 17, 1896	14%	1,230 59
Randall's Island, H. R.	Feb., 1897	632	.....	.....	12	538	Res. of Board, April 23, 1896..	Morris & Cummings Dredging Co.	.....	.....	14%	912 40
North Brother Island, E. R.	Dec., 1896	2,258	.....	.....	14	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Feb. 3, 1897	Feb. 3, 1897	14%	100 17
Dump at Lincoln avenue, H. R.	Jan., 1897	1,060	.....	.....	14	513	Res. of Board, July 12, 1895..	W. H. Beard Dredging Co.....	Dec. 30, 1896	Dec. 30, 1896	20%	451 60
Sherman's creek, H. R.	May, 1896	903	.....	.....	10	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	Jan. 1, 1897	Jan. 1, 1897	20%	212 00
Unionport, Westchester (Town Dock)	June, 1896	906	.....	.....	10	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	May 29, 1896	May 29, 1896	48%	476 64
West Chester (Town Dock)	June, 1896	848	.....	.....	6 to 12	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	June 6, 1896	June 6, 1896	48%	434 88
	Apr., 1897	649	.....	.....	15	534	Res. of Board, Mar. 26, 1896..	W. H. Beard Dredging Co.....	June 5, 1896	June 6, 1896	34%	288 32
	May, 1896	49,574	.....	.....	15 to 20	532	Res. of Board, Jan. 28, 1897..	Charles DuBois.....	Apr. 30, 1897	Apr. 30, 1897	19%	129 15
	June, 1896	68,974	.....	.....	15 to 20	532	Res. of Board, Mar. 19, 1896..	Morris & Cummings Dredging Co.	May 11, 1896	May 11, 1896	21%	10,856 71
	July, 1896	54,503	.....	.....	15 to 20	532	Res. of Board, Mar. 19, 1896..	Morris & Cummings Dredging Co.	.....	.....	21%	15,105 30
	Aug., 1896	2,293	.....	.....	15 to 20	532	Res. of Board, Mar. 19, 1896..	Morris & Cummings Dredging Co.	.....	.....	21%	12,001 86
	Sept., 1896	6,287	.....	.....	15 to 20	532	Res. of Board, Mar. 19, 1896..	Morris & Cummings Dredging Co.	.....	.....	21%	502 17
	Nov., 1896	566	.....	.....	15 to 20	532	Res. of Board, Mar. 19, 1896..	Morris & Cummings Dredging Co.	Sept. 10, 1896	Sept. 10, 1896	21%	1,376 85
	Dec., 1896	51,161	.....	.....	15 to 20	532	Res. of Board, Oct. 15, 1896..	Morris & Cummings Dredging Co.	Nov. 30, 1896	Nov. 30, 1896	19%	110 03
	Jan., 1897	30,057	.....	.....	15 to 20	532	Res. of Board, Oct. 15, 1896..	Morris & Cummings Dredging Co.	.....	.....	19%	10,004 02
	Feb., 1897	5,715	.....	.....	15 to 20	532	Res. of Board, Oct. 15, 1896..	Morris & Cummings Dredging Co.	.....	.....	19%	5,843 08
	Mar., 1897	718	.....	.....	10	568	Res. of Board, Jan. 21, 1897..	J. McSpirit.....	Feb. 11, 1897	Feb. 11, 1897	19%	1,111 00
	Apr., 1897	618	.....	.....	10	568	Res. of Board, Jan. 21, 1897..	J. McSpirit.....	Mar. 18, 1897	Mar. 18, 1897	35%	251 30
	Mar., 1897	2,440	.....	.....	10	568	Res. of Board, Jan. 21, 1897..	J. McSpirit.....	Apr. 3, 1897	Apr. 3, 1897	35%	216 30
Totals..		869,008	32,200	1,900	81,000	2,000 brick-work, 1,011 piles.						854 00

NOTE.—Premises marked thus † denotes work done for other departments.

Dredging Done by Lessees, Private Parties and Others during Year Ending April 30, 1897.

LOCATION.	Depth of Water at Moon Low Water.	AUTHORIZATION.	FOR WHOM PERFORMED.	WHEN BEGUN.	WHEN FINISHED.
	Ft.				
Pier, old 1, N. R.	15 to 20	Permit	Pennsylvania Railroad Co.	Oct. 14, 1896	Oct. 21, 1896
Pier, old 16, N. R.	20	Permit	Pennsylvania Railroad Co.	Oct. 16, 1896	Oct. 16, 1896
Pier, new 14, N. R.	32	Permit	American Line.	Sept. 16, 1896	Sept. 18, 1896
Dump at Canal street, N. R.	15	Permit	Brown & Fleming.	May 13, 1896	May 13, 1896
Dump at Canal street, N. R.	15	Permit	Brown & Fleming.	Sept. 7, 1896	Sept. 7, 1896
Dump at Canal street, N. R.	15	Permit	Brown & Fleming.	Mar. 7, 1897	Mar. 7, 1897
Pier, old 41, N. R.	15	Permit	People's Line.	June 29, 1896	July 3, 1896
Pier, old 42, N. R.	10 to 13	Order	Brown & Fleming.	Mar. 21, 1897	Mar. 21, 1897
Pier, old 43, N. R.	15	Permit	Brown & Fleming.	May 31, 1896	May 31, 1896
Pier, old 42, N. R.	30 to 33	Order	Brown & Fleming.	Mar. 21, 1897	Mar. 21, 1897
West Twenty-third street, N. R.	14	Permit	Erie Railroad Co.	Dec. 27, 1896	Dec. 27, 1896
West Thirty-third street, N. R.	22	Permit	N. Y. Central and Hud- son R. R. Co.	Dec. 22, 1896	Jan. 7, 1897
Dump at Fifty-fifth street, N. R.	15	Permit	Brown & Fleming.	Mar. 21, 1897	Mar. 21, 1897
West Fifty-ninth to Sixtieth street, N. R.	15 to 18	Permit	N. Y. Central and Hud- son R. R. Co.	June 9, 1896	June 18, 1896
West Sixtieth to Sixty-third street, N. R.	13	Permit	N. Y. Central and Hud- son R. R. Co.	Apr. 9, 1897	Apr. 20, 1897
West Sixty-ninth streets, N. R.	20 to 30	Permit	N. Y. Central and Hud- son R. R. Co.	Dec. 9, 1896	Dec. 14, 1896
Slip between Piers 8 and 9, E. R.	18 to 23	Permit	N. Y., Lake Erie and Western R. R. Co.	Feb. 4, 1897	Feb. 15, 1897
Dump at Jackson street, E. R.	15	Permit	Brown & Fleming.	Sept. 4, 1896	Sept. 5, 1896
Dump at Jackson street, E. R.	15	Permit	Brown & Fleming.	Apr. 25, 1897	Apr. 25, 1897
Slip between Piers 16 and 17, E. R.	25	Permit	W. H. Beard Dredging Co. for owners.	Aug. 29, 1896	Sept. 4, 1896
Slip between Piers 26 and 27, E. R.	14 to 16	Permit	Montauk Steamboat Co.	June 8, 1896	June 8, 1896
Pier, old 42, E. R.	33	Permit	N. Y. Dry Dock and Re- pair Co.	May 1, 1896	May 31, 1896
Bulkhead at East street (between Water and Cherry).	20 to 25	Order	Lawrence, Son & Gerrish.	Apr. 8, 1897	Apr. 25, 1897
Pier at Seventh street, E. R.	22	Permit	Morgan & McGovern.	Mar. 15, 1897	Mar. 18, 1897
Bulkhead between Nineteenth and Twentieth streets, E. R.	13	Permit	J. M. Brookman.	Feb. 18, 1897	Feb. 18, 1897
Dump at Fortieth street, E. R.	15	Permit	Brown & Fleming.	Sept. 7, 1896	Sept. 9, 1896
Bulkhead at Ninety-seventh street, E. R.	15	Permit	Holmes & Philbrick.	July 7, 1896	Sept. 13, 1896
Morris Dock, H. R.	10 to 12	Permit	Gas Engine and Power Co.	Aug. 20, 1896	Sept. 7, 1896
Morris Dock, H. R.	5	Permit	N. Y. Yacht, Launch and Engine Co.	Nov. 25, 1896	Nov. 28, 1896
Morris Dock, H. R.	5	Permit	Gas Engine and Power Co.	April 4, 1897	Apr. 9, 1897
Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, H. R.	12	Permit	Third Avenue R. R. Co.	Dec. 4, 1896	Mar. 1, 1897
Westchester Creek (Sixth and Seventh streets)	5	Permit	T. R. Thorne & Co.	Apr. 7, 1897	Apr. 7, 1897

Secretary's Order No. 16649.—General repairs were made to the pier by the Central Railroad Company of New Jersey. Begun July 22, 1896, and finished January 21, 1897.
Secretary's Order No. 16932.—Repairs were made to the sheathing, piling and chocking by the Central Railroad Company of New Jersey. Begun February 4, 1897; in progress.

Pier, old 14, N. R.

Secretary's Order No. 15861.—General repairs were made to the pier by the Central Railroad Company of New Jersey. Begun January 11 and finished July 11, 1896.

Secretary's Order No. 16357.—Temporary pavement in front of pier was taken up and relaid to grade by the Central Railroad Company of New Jersey. July 1, 1896, to January 12, 1897.

Secretary's Order No. 16649.—General repairs were made to the pier by the Central Railroad Company of New Jersey. Begun July 22, 1896, and finished January 21, 1897.

Secretary's Order No. 16932.—Repairs were made to the sheathing, piling and chocking by the Central Railroad Company of New Jersey. Begun February 4, 1897; in progress.

Pier, old 15, N. R.

Secretary's Order No. 15861.—General repairs were made to the pier by the Central Railroad Company of New Jersey. Begun January 11 and finished July 11, 1896.

Secretary's Order No. 16649.—General repairs were made to the pier by the Central Railroad Company of New Jersey. Begun July 22, 1896, and finished January 21, 1897.

Secretary's Order No. 16932.—Repairs were made to the sheathing, piling and chocking by the Central Railroad Company of New Jersey. Begun February 4, 1897; in progress.

Pier, old 16, N. R.

Secretary's Order No. 16522.—Repairs were made to the sheathing at the outer end of pier by the Pennsylvania Railroad Company. August 21 to 27, 1896.

Secretary's Order No. 16794.—Piling in platform south of pier was repaired and renewed by the Pennsylvania Railroad Company. November 22, 1896.

Secretary's Order No. 16866.—Sheathing on the north side of pier was replaced by the Pennsylvania Railroad Company. December 31, 1896, to January 5, 1897.

Cortlandt Street, N. R.

Secretary's Order No. 16131.—Repairs were made to the platform in front of ferry premises by the Pennsylvania Railroad Company. April 20 to May 1, 1896.

Secretary's Order No. 16445.—Repairs were made to pavement between horse-car tracks in front of ferry by the Metropolitan Street Railway Company. July 22, 1896; January 21, 1897.

Secretary's Order No. 16582.—Repairs were made to the piles and beams supporting ferry-house by the Pennsylvania Railroad Company. September 21 to 25, 1896.

Secretary's Order No. 16970.—Centre pin of ferry was repaired by the Pennsylvania Railroad Company. February 21, 1897.

Pier, new 13, N. R.

Secretary's Order No. 14486.—Two-story shed was erected on the bulkhead north of pier by John H. Starin. March 22, 1895, to March 9, 1897.

Secretary's Order No. 14535.—Two-story shed was erected on bulkhead in front and south of pier by John H. Starin. October 30, 1895 to March 9, 1897.

Secretary's Order No. 16473.—Telegraph connection was made to pier by the Empire City Subway Company. August 8 to 11, 1896.

Secretary's Order No. 17080.—Two additional gangways were opened in pier by John H. Starin. April 5 to 13, 1897.

Pier, new 14, N. R.

Secretary's Order No. 15994.—Piles and fenders were repaired and renewed and sheathing placed along sides of pier to prevent damage to piles. May 14 to July 13, 1896.

Secretary's Order No. 16382.—General repairs were made to pier from time to time by the International Navigation Company. July 2 to October 3, 1896.

Secretary's Order No. 16650.—General repairs were made to piers from time to time by the International Navigation Company. October 4, 1896, to January 2, 1897.

Secretary's Order No. 16867.—General repairs were made to piers from time to time by the International Navigation Company. January 5 to April 1, 1897.

Secretary's Order No. 17077.—General repairs were made to piers from time to time by the International Navigation Company. April 3, 1897; in progress.

Pier, new 15, N. R.

Secretary's Order No. 16035.—Repairs were made to gas-pipe leading to pier by the New York Mutual Gas-light Company. March 20, 1897.

Secretary's Order No. 16382.—General repairs were made to pier from time to time by the International Navigation Company. Begun July 2 and finished October 3, 1896.

Secretary's Order No. 16650.—General repairs were made to pier from time to time by the International Navigation Company. October 4, 1896, and finished January 2, 1897.

Secretary's Order No. 16867.—General repairs were made to pier from time to time by the International Navigation Company. Begun January 5 and finished April 1, 1897.

Secretary's Order No. 17077.—General repairs were made to pier from time to time by the International Navigation Company. Begun April 3, 1897; in progress.

Barclay Street, N. R.

Secretary's Order No. 12093.—Platform was built in front of the bulkhead-wall by the Hoboken Ferry Company. September 3 to November 8, 1895.

Secretary's Order No. 14283.—Bulkhead-wall was built from Piers, new 15 to old 25 by the Hoboken Ferry Company. March 30 to August 30, 1895.

Secretary's Order No. 16139.—Horse-car tracks were renewed and car stand placed in front of ferry premises by the Metropolitan Street Railway Company. April 18 to 25, 1896.

Secretary's Order No. 16589.—Horse-car tracks in front of ferry premises were renewed and repaired by the Metropolitan Street Railway Company. March 20 to April 5, 1897.

Bulkhead between Piers, old 26 and 27, N. R.

Secretary's Order No. 16292.—Bulkhead between piers was repaired by the New York Central and Hudson River Railroad Company. June 2 to 16, 1896.

Bulkhead between Piers, old 27 and 28, N. R.

Secretary's Order No. 16837.—Six new fender piles were driven and bearing cap placed on bulkhead between piers by the New York Central and Hudson River Railroad Company. December 22 to 24, 1896.

Pier, old 28, N. R.

Secretary's Order No. 16644.—Piles were driven on south side of pier by the Old Colony Steamboat Company. October 14 to 21, 1896.

Park Place, N. R.

Secretary's Order No. 16280.—Temporary pavement adjoining pavement on West street was repaired by the New York Central and Hudson River Railroad Company. May 22, 1896.

Pier, new 19, N. R.

Secretary's Order No. 14257.—One-story shed was erected on pier by the Old Colony Steamboat Company. April 3, 1895, to February 20, 1897.

Secretary's Order No. 14449.—Shed was erected on the bulkhead in front and south of pier by the Old Colony Steamboat Company. April 13, 1895, to February 20, 1897.

Secretary's Order No. 14687.—Gas and water pipes were placed in shed on pier and bulkheads by the Old Colony Steamboat Company. July 22, 1895, to February 20, 1897.

Secretary's Order No. 16621.—Three gangways were cut on the south side of pier by the Old Colony Steamboat Company. September 28 to October 23, 1896.

Chambers Street, N. R.

Secretary's Order No. 15843.—Repairs were made to the pavement between horse-car tracks in front of ferry by the Metropolitan Street Railway Company. January 9 to July 8, 1896.

Secretary's Order No. 16446.—Repairs were made to pavement between horse-car tracks in front of ferry by the Metropolitan Street Railway Company. July 22, 1896, to January 21, 1897.

Secretary's Order No. 16677.—Repairs were made to ferry premises, where damaged by fire, by the Erie Railroad Company. October 13 to December 15, 1896.

Secretary's Order No. 16826.—Test was made of the "Little Giant" fire extinguisher on new-made land by the Little Giant Fire Extinguisher Company. December 11, 1896.

Pier, new 20, N. R.

Secretary's Order No. 15862.—General repairs were made to piers from time to time by the Erie Railroad Company. January 14 to July 14, 1896.

Secretary's Order No. 16008.—Repairs were made to the sheathing and fenders on north side of pier by the Erie Railroad Company. March 10 to December 31, 1896.

Secretary's Order No. 16009.—Fenders were placed along bulkhead-wall, to protect same, by the Erie Railroad Company. June 2 to 12, 1896.

Secretary's Order No. 16461.—General repairs were made to piers from time to time by the Erie Railroad Company. July 24, 1896, to January 22, 1897.

Secretary's Order No. 16784.—Two-story office building was erected on the bulkhead adjoining shed by the Erie Railroad Company. December 1, 1896, to February 16, 1897.

Secretary's Order No. 16924.—General repairs were made to piers from time to time by the Erie Railroad Company. January 30, 1897; in progress.

Bulkhead between Piers, new 20 and 21, N. R.

Secretary's Order No. 16009.—Fenders were placed along bulkhead-wall, to protect same, by the Erie Railroad Company. Begun June 2 and finished June 12, 1896.

Pier, new 21, N. R.

Secretary's Order No. 15862.—General repairs were made to pier from time to time by the Erie Railroad Company. Begun January 14 and finished July 14, 1896.

Secretary's Order No. 16007.—Repairs were made to the sheathing and fenders on both sides of pier by the Erie Railroad Company. March 10 to December 31, 1896.

Secretary's Order No. 16461.—General repairs were made to pier from time to time by the Erie Railroad Company. Begun July 24, 1896, and finished January 22, 1897.

Secretary's Order No. 16924.—General repairs were made to pier from time to time by the Erie Railroad Company. Begun January 30, 1897; in progress.

Pier, new 22, N. R.

Secretary's Order No. 16010.—Sheathing on the south side of pier was repaired by the Baltimore and Ohio Railroad Company. June 3 to 11, 1896.

Secretary's Order No. 16011.—Fenders were placed along bulkhead wall, to protect same, by the Baltimore and Ohio Railroad Company. May 23 to 29, 1896.

Pier, new 24, N. R.

Secretary's Order No. 16216.—Repairs were made to fenders and chocking of pier by Homer Ramsdell. May 27 to June 3, 1896.

Secretary's Order No. 16464.—One-story shed was erected, extending from south side of pier 80 feet and joining old shed, by the West Shore Railroad Company. September 2 to December 17, 1896.

Pier, new 26, N. R.

Secretary's Order No. 16215.—Fender piles were driven and fastened in the platform south side of pier by the Old Dominion Steamship Company. May 26, 1896.

Secretary's Order No. 16365.—Floor was erected on the north side of pier by the Old Dominion Steamship Company. August 8 to 17, 1896.

Piers, new 27, N. R.

Secretary's Order No. 16144.—General repairs were made from time to time by the Pennsylvania Railroad Company. May 11 to November 12, 1896.

Secretary's Order No. 16803.—Repairs were made from time to time to piers by the Pennsylvania Railroad Company. November 29, 1896, to April 30, 1897.

Pier, new 28, N. R.

Secretary's Order No. 16144.—General repairs were made from time to time by the Pennsylvania Railroad Company. Begun May 11 and finished November 12, 1896.

Secretary's Order No. 16803.—Repairs were made from time to time to pier by the Pennsylvania Railroad Company. Begun November 29, 1896, and finished April 30, 1897.

Vestry Street, N. R.

Secretary's Order No. 16497.—Platform south of pier was repaired by A. Santvoord and pavement in front of platform was relaid to grade by the Department of Public Works. August 11 to September 10, 1896.

Pier, new 29, N. R.

Secretary's Order No. 13661.—One-story shed was erected, extending from north side of pier 20 feet, by the Pennsylvania Railroad Company. November 19, 1896, to April 7, 1897.

Secretary's Order No. 16144.—General repairs were made from time to time by the Pennsylvania Railroad Company. Begun May 11 and finished November 12, 1896.

Secretary's Order No. 17010.—Fenders were placed along bulkhead-wall north of pier, to protect same, by the Pennsylvania Railroad Company. March 23 to 30, 1897.

Secretary's Order No. 16326.—One-story shed was erected, extending from point 20 feet north of pier 54 feet northerly, by the Pennsylvania Railroad Company. November 19, 1896, to April 7, 1897.

Secretary's Order No. 16366.—Two tripod derricks were erected north of pier by the Pennsylvania Railroad Company. July 27 to August 4, 1896.

Secretary's Order No. 16547.—Sewer from westerly side of West street to pier was renewed by the Department of Public Works. August 20 to November 27, 1896.

Secretary's Order No. 16803.—Repairs were made from time to time to pier by the Pennsylvania Railroad Company. Begun November 29, 1896, and finished April 30, 1897.

Secretary's Order No. 16820.—Temporary wooden driveway was built over the earth filling in front of new shed by the Pennsylvania Railroad Company. March 2 to 4, 1897.

Desbrosses Street, N. R.

Secretary's Order No. 16116.—Pavement in front of ferry premises was relaid to grade by the Pennsylvania Railroad Company and the Department of Public Works. April 15 to May 26, 1896.

Secretary's Order No. 16499.—Temporary pavement in front of ferry premises was relaid to grade by the Pennsylvania Railroad Company. August 13 to 17, 1896.

Secretary's Order No. 16174.—Ferry-racks were repaired by the Pennsylvania Railroad Company. April 18 to 24, 1896.

Pier, old 40, N. R.

Secretary's Order No. 15673.—About 30 bearing piles were driven and fastened on sides of pier and caps and backing-log repaired by employees of lessees, by order of the Board. Begun February 3 and finished June 6, 1896.

Pier, old 40, N. R.

Secretary's Order No. 16332.—Repairs were made to deck of platform south of pier by the New York and Norwich Transportation Company. June 16 to July 7, 1896.

Secretary's Order No. 16498.—Repairs were made to the deck of platform south of pier by the New York and Norwich Transportation Company.

Secretary's Order No. 17034.—Repairs were made to the platform south of pier by the Norwich and New York Transportation Company. March 22 to 25, 1897.

Bulkhead between Piers, old 41 and 42, N. R.

Secretary's Order No. 17144.—Tar kettles were placed on the bulkhead and removed by C. McLean. April 20, 1897.

Pier, old 41, N. R.

Secretary's Order No. 16071.—Repairs were made to planking and pavement in front of pier by the People's Line of Steamers. April 10 to May 5, 1896.

Secretary's Order No. 16199.—Repairs were made to the pier by the People's Line of Steamers. April 28 to July 24, 1896.

Secretary's Order No. 16447.—Planking in front of pier was renewed and pavement relaid to grade by the People's Line of Steamers. July 28 to August 4, 1896.

Secretary's Order No. 16641.—Additional spring piles were driven on the south side of pier by the People's Line of Steamers. August 15 to 20, 1896.

Secretary's Order No. 16995.—Sheathing at the entrance to pier was renewed by the People's Line of Steamers. March 11 to 16, 1897.

Pier, old 42, N. R.

Secretary's Order No. 16428.—Bin was erected on the dump on south side of pier by the Department of Street Cleaning. August 15 to 20, 1896.

Secretary's Order No. 16743.—Piles were landed on the filling south of pier by John Monks & Sons. November 9, 1896; suspended.

Secretary's Order No. 16798.—The westerly dumping-board on south side of pier was raised to enable Department of Street Cleaning to use the new "Deichant" dumper. December 21, 1896, to January 7, 1897.

Secretary's Order No. 17094.—Platform, scales and office were placed on the bulkhead north of pier by the Merchant and Tanners' Line. April 7, 1897; suspended.

Pier, new 34, N. R.

Secretary's Order No. 16214.—Repairs were made to the fenders and chocking of pier by the Pacific Mail Steamship Company. September 9, 1896, to April 2, 1897.

Secretary's Order No. 16412.—Fire was made in kettle in front of pier to heat asphalt by New York Mastic Works. July 14, 1896.

Secretary's Order No. 16516.—Test of "Giant" fire extinguisher was made in front of pier by Joseph McGill. August 21, 1896.

Secretary's Order No. 16619.—Three gangways were cut on north side of pier by the Pacific Mail Steamship Company. September 30 to October 9, 1896.

Secretary's Order No. 16708.—Two tar-kettles were placed on the pavement and removed by the New York Mastic Works. October 23, 1896.

Secretary's Order No. 16814.—An additional gangway was cut on the north side of pier by the Pacific Mail Steamship Company. December 4 to 7, 1896.

Secretary's Order No. 16990.—One bunch of piles was placed at the outer northerly corner of pier by the Ocean Steamship Company of Savannah. March 17 to 20, 1897.

Pier, new 35, N. R.

Secretary's Order No. 16145.—Trackway was placed along the south side of pier by the Ocean Steamship Company of Savannah. June 2 to 10, 1896.

Secretary's Order No. 16213.—Repairs were made to the fenders and chocking pier by the Ocean Steamship Company of Savannah. June 15 to 18, 1896.

Pier, new 38, N. R.

Secretary's Order No. 15930.—One-story shed was erected from point 86½ feet southerly of pier to a point 95 feet northerly thereof by the Oceanic Steam Navigation Company. May 11 to September 1, 1896.

Secretary's Order No. 16120.—Shed was erected from point 86½ feet southerly of pier, 5.43 feet southerly, by the Oceanic Steam Navigation Company. May 11 to September 1, 1896.

Secretary's Order No. 16143.—Repairs were made to the pier by the Oceanic Steam Navigation Company. April 30 to August 11, 1896.

Secretary's Order No. 16175.—Pavement adjoining tracks leading to pier was repaired by the New York Central and Hudson River Railroad Company. April 25 to May 16, 1896.

Pier, new 39, N. R.

Secretary's Order No. 16153.—Repairs were made to the superstructure of pier by the National Line of Steamers. July 20 to September 8, 1896.

Pier, new 40, N. R.

Secretary's Order No. 16142.—Repairs were made to fenders and chocking of pier by the Cunard Line. July 27 to September 1, 1896.

Secretary's Order No. 16898.—Repairs were made to the fender-piles at outer end of pier by the Cunard Line. February 25 to March 4, 1897.

Pier, new 41, N. R.

Secretary's Order No. 16141.—33 piles were driven at outer end of pier, and new sheathing, fenders and chocks placed, by the Delaware, Lackawanna and Western Railroad Company, April 23 to June 5, 1896.

Secretary's Order No. 16793.—Test was made of fire extinguisher by Knickerbocker Fire Extinguisher Company. November 24, 1896.

Pier, new 42, N. R.
Secretary's Order No. 17101.—Test was made of fire extinguisher on bulkhead in front of pier by the Little Giant Fire Extinguisher Company. April 10, 1897.

Pier, new 43, N. R.
Secretary's Order No. 15911.—Ferry rack was rebuilt and strengthened, to prevent damage to pier, by the Hoboken Ferry Company. April 22 to May 20, 1896.

Secretary's Order No. 16138.—Small office and sign was placed at inner end of pier by the Catskill and New York Steamboat Company. May 5 to 20, 1896.

Secretary's Order No. 16238.—Sign was placed on Dock Master's office in front of pier by the Catskill and New York Steamboat Company. May 23 to June 6, 1896.

Secretary's Order No. 16284.—Fence was erected along the north side of pier by the Hoboken Ferry Company. June 1 to 12, 1896.

Christopher Street, N. R.
Secretary's Order No. 16444.—Repairs were made to horse-car tracks and pavement between same by the Metropolitan Street Railway Company. July 22, 1896, to January 21, 1897.

Pier, new 44, N. R.
Secretary's Order No. 16140.—Repairs were made to the fenders and chocking of pier by the Oceanic Steam Navigation Company. May 18 to 28, 1896.

Pier, new 46, N. R.
Secretary's Order No. 16999.—Spring piles were driven on the south side of pier by the Citizens Steamboat Company. March 4 to 12, 1897.

Charles to Gansevoort Street, N. R.
Secretary's Order No. 15993.—Telegraph poles were removed from West street and Thirteenth avenue by the New York Telephone Company. May 30, 1896; suspended.

Pier, old 54, N. R.
Secretary's Order No. 16456.—Pavement in front of oyster-boats was taken up and relaid by Samuel Hanna to repair water pipe. July 26, 1896.

Secretary's Order No. 16482.—Water-pipe connections were made with oyster-boats by Samuel Hanna. August 3 to 5, 1896.

Secretary's Order No. 17033.—Gas-pipes were placed to supply oyster-boats at the bulkhead-wall north of pier by the Consolidated Gas Company. March 20 to 22, 1897.

West Eleventh Street, N. R.
Secretary's Order No. 16340.—Large boiler was landed at the pier by the Chapman Derrick and Wrecking Company. June 19, 1896.

Bank Street, N. R.
Secretary's Order No. 16829.—Platform and engine were removed from the bulkhead south of pier by Knickerbocker Ice Company. December 17 to 19, 1896.

Bulkhead at Bethune Street, N. R.
Secretary's Order No. 16296.—Bridge, scale, engine-house, etc., were removed therefrom by employees of the Ridgewood Ice Company, under permit. Begun June 3 and finished June 16, 1896.

West Twelfth Street, N. R.
Secretary's Order No. 16538.—Bin was erected on the dumping-board on the south side of pier by the Department of Street Cleaning. September 17 to 29, 1896.

Jane Street, N. R.
Secretary's Order No. 16545.—Temporary shed was erected by the New York and Long Branch Steamboat Company, at outer end of pier. September 1 to 2, 1896.

Secretary's Order No. 16764.—Office building and coal bunkers were removed from south side of pier by the New York and Long Branch Steamboat Company. November 16 to 19, 1896.

Pier at Horatio Street, N. R.
Secretary's Order No. 15916.—One spring-pile was fastened temporarily and the sheathing on deck patched by employees of the Consumers' Ice Company, by order of the Board. Sufficient work not being done, repairs were completed by the Department's force, under Secretary's Order No. 16182, dated April 23, 1896, and returned May 22, 1896. Work by lessee begun March 9 and suspended April 1, 1896.

Horatio Street, N. R.
Secretary's Order No. 16224.—Engine-house was removed from the bulkhead south of pier by the National Ice Company. October 10 to 16, 1896.

Gansevoort Street, N. R.
Secretary's Order No. 16857.—Platform was removed from the bulkhead south of pier by the Lehigh Valley Railroad Company. January 4 to 6, 1897.

Piers, old 58 and 59, N. R.
Secretary's Order No. 16991.—Piers, scales, etc., were removed from the bulkhead by the Cedar Hill Ice Company. March 16 to April 7, 1897.

Pier at Little West Twelfth Street, N. R.
Secretary's Order No. 15964.—Repairs were made to sheathing on deck of pier by John L. Eccles. July 20 to 28, 1896.

Secretary's Order No. 16823.—A small sign was placed on the north side of approach to pier by employees of John A. Carle, under permit, the consent of lessee of said pier having been previously obtained. Begun and finished December 21, 1896.

Secretary's Order No. 16698.—Fender-piles were renewed and refastened, three side-bearing piles were refastened and the pavement repaired at the pier and bulkhead where necessary by employees of lessee, by order of the Board. Begun October 20, 1896, and finished February 15, 1897.

Pier, old 59, N. R.
Secretary's Order No. 16954.—Subway connection was made from the westerly side of Thirteenth avenue to and under pier by the Fire Department. February 23 to March 12, 1897.

Bulkhead between Little West Twelfth Street and Thirteenth Street, N. R.
Secretary's Order No. 16699.—The pavement on bulkhead was repaired by employees of the Pennsylvania Railroad Company, by order of the Board. Begun and finished October 27, 1896.

Pier foot of Thirteenth Street, N. R.
Secretary's Order No. 16214.—A small house was placed thereon which was formerly on Pier foot of Bloomfield street, North river, by employees of Benjamin Griggs, under permit. Begun and finished May 5, 1896.

Pier at Thirteenth Street, N. R.
Secretary's Order No. 16662.—The shed on pier was removed, under permit, by employees of the Fort Lee Park and Steamboat Company. Begun October 5 and finished October 10, 1896.

West Thirteenth Street, N. R.
Secretary's Order No. 16706.—Repairs were made to the northerly ferry-rack by the Pennsylvania Railroad Company. October 17 to 18, 1896.

Secretary's Order No. 16926.—Repairs were made to the ferry racks by the Pennsylvania Railroad Company. February 14, 1897.

West Fourteenth Street, N. R.
Secretary's Order No. 16217.—Additional windows were placed and repairs made to ferry-house by the New York and New Jersey Ferry Company. May 13 to August 20, 1896.

Bulkhead between West Fifteenth and Sixteenth Streets, N. R.
Secretary's Order No. 14091.—Repairs were made to the bulkhead between piers by the Central Railroad Company of New Jersey. July 15, 1895; suspended.

Secretary's Order No. 16049.—Transfer bridge was erected and track connections made with the freight yard easterly of Thirteenth avenue by the Central Railroad Company of New Jersey. August 27 to December 22, 1896.

Pier at Sixteenth Street, N. R.
Secretary's Order No. 16339.—Chocks and fender-piles were renewed thereat and premises cleaned by employees of lessee, by order of the Board. Begun July 6 and finished July 20, 1897.

Secretary's Order No. 16673.—An office was replaced on same in same condition that it was in prior to June last, by McGirr & Campbell, under permit. Begun October 15 and finished October 23, 1896.

West Sixteenth to Seventeenth Street, N. R.
Secretary's Order No. 15983.—Old dumping-board was removed and new one built in its stead by the Consolidated Gas Company. May 1, 1896, to March 3, 1897.

Secretary's Order No. 16148.—Old bulkhead was removed and new one built to proper grade by the Consolidated Gas Company. April 22 to August 26, 1896.

Pier at West Seventeenth Street, N. R.
Secretary's Order No. 16856.—Repairs were made to the sheathing on deck of pier by the Baltimore and Ohio Railroad Company. December 31, 1896, to January 2, 1897.

Bulkhead North of West Eighteenth Street, N. R.
Secretary's Order No. 16668.—Repairs were made to the bulkhead north of pier by the Hoffmann Estate. November 2, 1896.

Pier at West Nineteenth Street, N. R.
Secretary's Order No. 16427.—Bin was erected on dumping-board on south side of pier by the Department of Street Cleaning. August 24 to 28, 1896.

Secretary's Order No. 16878.—Water supply pipe and hydrants at outer end of pier were repaired by the Department of Public Works.

Bulkhead between Twentieth and Twenty-first Streets, N. R.
Secretary's Order No. 16702.—The pavement and planking were repaired by employees of the Knickerbocker Ice Company, under permit. Begun October 19 and finished October 24, 1896.

Bulkhead between Twenty-first and Twenty-second Streets, N. R.
Secretary's Order No. 16707.—A water-pipe was run through same for supplying engine thereat, by employees of the Yonkers City Ice Company, under permit. Begun October 21 and finished November 2, 1896.

Pier at West Twenty-second Street, N. R.

Secretary's Order No. 16168.—Spring-piles were placed on the north side of pier by the Hudson River Line. May 2 to 7, 1896.

Between Piers, new 53 and 54, N. R.
Secretary's Order No. 16287.—Ferry-racks were built by the Pennsylvania Railroad Company. June 4 to October 1, 1896.

Secretary's Order No. 16325.—Coping stones were removed from the wall between Piers, new 53 and 54, and removed to West Fifty-seventh street yard, to allow Pennsylvania Railroad Company to erect ferry structures. June 16 to 22, 1896.

Secretary's Order No. 16467.—Substructure of ferry-house was built by the Pennsylvania Railroad Company. July 27, 1896, to March 24, 1897.

Secretary's Order No. 16481.—Test-piles were driven, to ascertain length of piles required, by P. Sanford Ross. August 5, 1896.

Secretary's Order No. 16544.—New ferry-house was erected by the Pennsylvania Railroad Company. January 20, 1897; in progress.

Secretary's Order No. 17035.—Tracks and switches were placed in front of new ferry by the Metropolitan Street Railway Company. March 23 to April 5, 1897.

Secretary's Order No. 17103.—Fence and planking north of sewer were removed by the Pennsylvania Railroad Company. April 21, 1897; in progress.

Secretary's Order No. 17107.—Additional crosswalks were laid leading to new-ferry-house by the Pennsylvania Railroad Company. April 15 to 17, 1897.

Pier, new 54, N. R.
Secretary's Order No. 16211.—The outer southerly corner of pier was repaired where damaged by one of the boats of the Cornell Towing Line. The cross cap was spliced, vertical and horizontal sheathing renewed and armature plates refastened by Ross & Sanford, contractors for said Towing Company, under permit. Begun May 7 and finished May 14, 1896.

Secretary's Order No. 16197.—Repairs were made to water supply pipe leading to pier by the Anchor Line. April 29 to August 1, 1896.

Secretary's Order No. 16832.—The 8 by 12 oak fenders and chocks between same were repaired where necessary by employees of lessees, by order of the Board. Begun December 23 and finished December 29, 1896.

Piers, new 54 and 55, N. R.
Secretary's Order No. 16597.—Ice-bridge was removed from time to time, so as not to interfere with work of paving under Contract No. 545, by Tilley & Littlefield. September 18, 1896; in progress.

Thirteenth Avenue, N. R.
Secretary's Order No. 11814.—Croton water hydrants were placed along water-front where required by the Department of Public Works. April 6, 1892; suspended.

Pier, new 55, N. R.
Secretary's Order No. 15961.—Repairs were made to pier by the Atlas Steamship Company. March 23 to May 1, 1896.

Secretary's Order No. 16415.—A corrugated iron shed on end of pier was removed by employees of the Atlas Steamship Company, by order of the Board. Begun July 23 and finished August 3, 1896.

Between Piers, new 55 and 56, N. R.
Secretary's Order No. 17120.—Filling is being placed in rear of wall, to bring area to new grade of Thirteenth avenue, by J. B. and J. M. Cornell. April 19, 1897; in progress.

Pier, new 56, N. R.
Secretary's Order No. 16723.—The superstructure of this pier was repaired by employees of lessees, by order of the Board. Repairs consisted of renewing and fastening chocks between fenders and fenders where necessary; also the removal of armature plates at outer northerly corner of pier. Begun January 2 and finished January 23, 1897.

Pier, new 57, N. R.
Secretary's Order No. 16151.—The chocking on fender-piles and between 8 and 12 oak fenders, and also the vertical sheathing on outer end of pier, was repaired where necessary by employees of lessees, by order of the Board. Begun April 25 and finished May 1, 1896.

Secretary's Order No. 16218.—Ten-ton scale was placed in the centre of driveway by the Terminal Warehouse Company. May 14 to 25, 1896.

Pier, new 59, N. R.
Secretary's Order No. 16402.—The backing-log fenders and chocks were repaired by R. P. & J. H. Staats, contractors for lessees, by order of the Board. Begun August 19 and finished August 22, 1896.

Pier foot of Twenty-ninth Street, N. R.
Secretary's Order No. 16424.—A garbage bin 15 x 15 feet was erected thereon by employees of the Department of Street Cleaning, under permit. Begun August 21 and finished August 29, 1896.

Pier, new 59, N. R.
Secretary's Order No. 16834.—Chocks were renewed and bearing and fender-piles refastened where necessary by R. P. & J. H. Staats, contractors for lessee, by order of the Board. Begun December 30, 1896; finished January 6, 1897.

Bulkhead north of Pier, new 59, N. R.
Secretary's Order No. 16612.—The fender-piles, backing-log, etc., were renewed and dirt was removed from premises by employees of occupants, by order of the Board. Begun and finished October 19, 1896.

Pier, new 61, N. R.
Secretary's Order No. 16150.—The fender-piles were renewed and refastened, horizontal sheathing on sides of pier repaired, and other necessary work done, by G. W. Rogers & Co., contractors for lessee, by order of the Board. Begun April 28 and finished May 16, 1896.

Pier at Thirty-third Street, N. R.
Secretary's Order No. 16128.—The horizontal sheathing on sides of pier was repaired and the fender-piles at end of same renewed where necessary, by G. W. Rogers & Co., contractors for lessees, by order of the Board. Begun April 25 and finished May 1, 1897.

Pier at West Thirty-fourth Street, N. R.
Secretary's Order No. 16377.—Lamp-posts were placed along both sides of pier by the Consolidated Gas Company. May 29 to July 1, 1896.

Pier at Thirty-fifth Street, N. R.
Secretary's Order No. 16320.—A sign was erected on the outer end of pier by employees of H. C. Rogers, under permit, containing notice of said Rogers' removal therefrom. Begun June 20 and finished June 21, 1896.

Pier at Thirty-sixth Street, N. R.
Secretary's Order No. 16093.—The backing-log was renewed, chocks between fenders refastened, horizontal sheathing on sides of pier and sheathing on deck repaired, where necessary, by employees of lessees, by order of the Board. Begun June 3 and finished September 8, 1896.

Bulkhead between Thirty-sixth and Thirty-seventh Streets, N. R.
Secretary's Order No. 16092.—The pavement and backing-log on same were repaired by employees of lessees, by order of the Board. Begun June 1 and finished June 10, 1896.

Pier at Thirty-seventh Street, N. R.
Secretary's Order No. 16170.—Three side bearing piles and 2 oak fenders were renewed, the side-cap repaired and fender-piles refastened, where necessary, by Sanford, Stillman & Co., contractors for lessees, by order of the Board. Begun May 7 and finished July 6, 1897.

Secretary's Order No. 16819.—The pavement was taken up and gas-pipe repaired thereat by employees of Consolidated Gas Company, under permit; the pavement relaid, consisting of only a few blocks, was relaid by said gas company in a workmanlike manner. Begun December 10 and finished December 19, 1896.

Secretary's Order No. 16835.—The horizontal sheathing on side of pier was repaired, where necessary, by employees of lessees, by order of the Board. Begun December 23 and finished December 29, 1896.

Pier at Thirty-eighth Street, N. R.
Secretary's Order No. 16270.—Fender-piles were renewed and refastened at outer end of pier by employees of lessees, by order of the Board. Begun June 1 and finished June 3, 1896.

Secretary's Order No. 16171.—Two side bearing piles and fenders on both sides of pier were renewed, where necessary, by employees of lessees, by order of the Board. Begun and finished May 7, 1896.

Secretary's Order No. 16683.—Two tracks and switches were laid across bulkhead to connect with transfer bridge by the Pennsylvania Railroad Company. October 9 to November 2, 1896.

West Thirty-eighth to Thirty-ninth Street, N. R.
Secretary's Order No. 15605.—Repairs were made to the bulkhead easterly of Twelfth avenue by G. F. & E. C. Swift. November 14, 1895; suspended.

Bulkhead Platform North of Thirty-eighth Street, N. R.
Secretary's Order No. 16212.—The backing-log and surface of premises were repaired, where necessary, by Sanford & Stillman, contractors, for occupants, by order of the Board. Begun May 13 and finished May 19, 1896.

Pier at Fortieth Street, N. R.
Secretary's Order No. 16269.—The sheathing on pier, also backing-log, was repaired and premises cleaned by employees of lessees, by order of the Board. Begun June 1, finished August 7, 1896.

Between West Forty-first and Forty-second Streets, N. R.
Secretary's Order No. 13396.—Repairs were made to the platform and trestlework by the Consolidated Gas Company. July 29 to December 19, 1896.

West Forty-second Street, N. R.
Secretary's Order No. 16506.—Test piles were driven along bulkhead-line to ascertain nature of bottom, by P. Sanford Ross. August 14, 1896.

Bulkhead between Forty-third and Forty-fourth Streets, N. R.

Secretary's Order No. 16929.—The backing-log was repaired, where necessary, by employees of Albert H. Hastorf, lessee, by order of the Board. Begun and finished March 2, 1897.

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

Secretary's Order No. 16918.—Two reels of wire were landed on pier and removed by the Chapman Derrick and Wrecking Company. January 27, 1897.

Secretary's Order No. 16977.—Two spring-piles were refastened at outer end of pier by Steers & Benschel, contractors, by order of the Board. Begun April 5 and finished April 6, 1897.

Pier at Forty-fifth Street, N. R.

Secretary's Order No. 16271.—The sheathing on deck of pier was patched by Sanford & Stillman, contractors, where necessary. Begun July 1 and finished October 15, 1896.

Pier foot of Forty-sixth Street, N. R.

Secretary's Order No. 16345.—The work under this order has been done by the force of this Department, under Secretary's Order No. 16529, dated August 21 and returned September 2, 1896.

Secretary's Order No. 16496.—This order has been superseded by Secretary's Order No. 16529, under which order all necessary work was done by the Department's force, and returned September 2, 1896.

Secretary's Order No. 16773.—Three spring-piles were driven and fastened on the north and south sides of pier by John A. Bouker, under permit. Begun November 19, 1896, and finished February 13, 1897.

Pier at Forty-seventh Street, N. R.

Secretary's Order No. 15820.—Some work has been done to pier and approach by employees of Bernard Campbell, lessee, by order of the Board, but same was insufficient and unsatisfactory, and necessary repairs were made thereto by the Department's force dated April 23, 1896, and returned May 22, 1896. Work by lessee begun January 11, 1896, suspended March 1, 1896.

Secretary's Order No. 16425.—Bin was erected on the dump on the south side of pier by the Department of Street Cleaning. August 24 to 28, 1896.

Secretary's Order No. 17053.—An ice platform 93 feet long, an office about 11 by 9 feet, and surface scales about 44 by 10 feet were erected thereon by employees of Dougherty & Hall, under permit. Begun March 30 and finished April 13, 1897.

Secretary's Order No. 17702.—A stall about 11 feet long by 9 feet 2 inches high by 5 feet 7 inches wide was erected on dump thereat, about 18 feet east of Inspector's office on southerly side of pier by employees of the Department of Street Cleaning, under permit. Begun December 3 and finished December 4, 1896.

Pier and Approach at Forty-eighth Street, N. R.

Secretary's Order 15727.—The sheathing on deck of pier was repaired, where necessary, and fender piles at outer end of same refastened, by employees of James Park, by order of the Board. Begun December 5, 1895, and finished July 24, 1896.

Pier at Forty-ninth Street, N. R.

Secretary's Order No. 16200.—Three bearing piles, 3 oak fenders and the necessary chocking were renewed on the south side by employees of lessees, by order of the Board. Begun June 16, and finished June 22, 1896.

Secretary's Order No. 16900.—Platform, driveway and scale were placed on pier by the Erie Railroad Company. January 30, 1897.

Twelfth Avenue, between Fifty-first and Fifty-second Streets, N. R.

Secretary's Order No. 13474.—Obstructions thereon, consisting of sheds, derrick, etc., were removed by employees of occupants, by order of the Board. Begun May 9, 1894; finished October 1, 1896.

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

Secretary's Order No. 16267.—Thirty-five ton reel of wire was landed on the pier and removed by the Hudson River Lighterage Company. May 24, 1896.

Secretary's Order No. 16391.—Forty-four ton reel of wire was landed on pier and removed by the Chapman Derrick and Wrecking Company. June 8 to 9, 1896.

Secretary's Order No. 16400.—Thirty-one ton reel of wire was landed on pier and removed by the Chapman Derrick and Wrecking Company. July 11, 1896.

Secretary's Order No. 16414.—Thirty ton reel of wire was landed on pier and removed by the Chapman Derrick and Wrecking Company. July 15 to 16, 1896.

Secretary's Order No. 16719.—Forty-two ton reel of wire was landed on pier and removed by the Chapman Derrick and Wrecking Company. October 29 to 31, 1896.

Secretary's Order No. 16734.—Two reels of wire were landed on pier and removed by the Chapman Derrick and Wrecking Company. October 31 to November 9, 1896.

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

Secretary's Order No. 16705.—Blue-stone lost overboard by the capsizing of lighter "Jennie E. Boyse," was recovered by the Chapman Derrick and Wrecking Company. October 14 to 31, 1896.

Secretary's Order No. 16780.—Coal-bin and office were erected on the space set aside for use of Department of Charities by Nathan Straus. December 21 to 26, 1896.

Secretary's Order No. 17097.—Coal-bin and office were removed from pier by Nathan Straus. April 7, 1897.

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

Secretary's Order No. 16775.—The sewer through pier was extended to the bulkhead-line, in accordance with plans submitted and approved by the Board of Docks by the Department of Public Works, under permit. Begun December 7, 1896, and finished March 5, 1897.

Secretary's Order No. 16804.—A sewer was constructed through pier, in accordance with plans submitted by employees of Department of Public Works, under permit. Begun December 7, 1896; finished March 5, 1897.

Bulkhead north of Sixtieth Street, N. R.

Secretary's Order No. 17015.—The fenders, backing-log, etc., were renewed, where necessary, by G. W. Rogers, contractor for lessee, by order of the Board. Begun March 30 and finished April 8, 1897.

Bulkhead between Sixtieth and Sixty-first Streets, N. R.

Secretary's Order No. 16251.—About 108 5-inch by 8-inch oak fenders were renewed, and backing-log repaired by G. W. Rogers, contractor for lessees, by order of the Board. Begun September 1 and finished September 10, 1896.

Foot of Sixty-eighth Street, N. R.

Secretary's Order No. 16293.—The pontoons thereat were repaired by employees of the New York Central and Hudson River Railroad Company, under permit. Begun June 1 and finished June 6, 1896.

Pier "G," at Seventieth Street, N. R.

Secretary's Order No. 16439.—The side cap, side rangers, backing-log, fenders, etc., were repaired, where necessary, by G. W. Rogers, contractor, for the New York Central and Hudson River Railroad Company, by order of the Board. Begun August 18 and finished October 12, 1896.

Foot of Seventy-seventh Street, N. R.

Secretary's Order No. 16702.—A fence, 10 feet high, about 50 feet front by about 75 feet in depth, was erected in the vicinity of upon land, under the jurisdiction of the Department, in the rear of the pavement thereat, by employees of James Thedford, under permit. Begun November 24 and finished December 2, 1896.

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

Secretary's Order No. 16319.—Certain structures were removed therefrom by employees of Thomas Ward, under permit, and those left confined to an area of about 50 by 75 feet. Begun July 6 and finished July 20, 1896.

Foot of Eightieth Street, N. R.

Secretary's Order No. 16434.—About 50 loads of dirt, etc., were filled in to level of ground thereat recently occupied by Thomas Ward, by employees of said Ward, under permit. Begun July 23 and finished August 3, 1896.

Foot of Eighty-first Street, N. R.

Secretary's Order No. 16268.—A temporary frame or tower was erected at about the northerly line of street by James Flanagan & Co., under permit granted the Lidgerwood Cableway, per plans submitted. Begun June 8 and finished July 7, 1896.

Bulkhead between Ninety-sixth and Ninety-seventh Streets, N. R.

Secretary's Order No. 16667.—A pipe was run through bulkhead, under permit, by employees of Sheridan & Shea. Begun October 5 and finished October 10, 1896.

Foot of Ninety-seventh Street, N. R.

Secretary's Order No. 16327.—A shed about 25 feet by 15 feet was erected on the north side of stable in accordance with plans submitted by employees of the Knickerbocker Ice Company, under permit. Begun June 19 and finished June 26, 1896.

Foot of Ninety-seventh Street, N. R.

Secretary's Order No. 16281.—A steam derrick was erected on the south side of dumping-board by employees of Sheridan & Shea, under permit and in accordance with plans submitted. Begun June 1 and finished June 16, 1896.

Bulkhead at Ninety-seventh Street, N. R.

Secretary's Order No. 16231.—A temporary awning, about 12 feet by 30 feet, was erected by employees of Brooks, Son & Co., under permit. Begun May 13 and finished May 19, 1896.

Foot of Ninety-seventh Street, N. R.

Secretary's Order No. 16221.—A pipe was laid thereat by employees of James D. McEntee, under permit, to supply the Knickerbocker Ice Company with Croton water. Begun May 11 and finished May 12, 1896.

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

Secretary's Order No. 15506.—All repairs covered by this order were made to pier by lessee, under Secretary's Order No. 15341. Returned May 22, 1896.

Secretary's Order No. 15341.—The sheathing on deck was repaired and the pier was also

cleaned by employees of lessees, by order of the Board. Begun November 1, 1895; finished May 16, 1896.

Bulkhead between One Hundred and Twenty-ninth and One Hundred and Thirtieth Streets, N. R.

Secretary's Order No. 16133.—An office and scale were erected on same by employees of McDermott & Co., under permit. Begun April 17 and finished May 1, 1896.

Secretary's Order No. 16206.—Derricks were repaired and sheathing renewed on same by employees of McDermott & Co., under permit. Begun May 1 and finished May 9, 1896.

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

Secretary's Order No. 16934.—A temporary dumping-board was erected on the outer end of pier, by employees of the Department of Street Cleaning, in accordance with plans and specifications submitted as amended. Begun March 15 and finished April 7, 1897.

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

Secretary's Order No. 16167.—A scale-pit was filled in thereat by employees of the Consolidated Gas Company, under permit. Begun April 22 and finished May 27, 1896.

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

Secretary's Order No. 15053.—Some work was done, by lessee under this order, but same was insufficient, and all necessary work was done under Secretary's Order No. 15507, dated October 16, 1895, by the Department force, and returned with bill of cost for collection from lessee July 7, 1896.

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

Secretary's Order No. 15228.—Some work was done under this order, but same was insufficient, and all necessary work was done thereat by the Department's force, under Secretary's Order No. 15507, dated October 16, 1895, and returned July 7, 1896, with bill of cost for collection from lessee.

Bulkhead between One Hundred and Thirty-fourth and One Hundred and Thirty-fifth Streets, N. R.

Secretary's Order No. 16714.—A wooden shed was erected thereon by employees of the O'Connell & Hillary Lime and Marble Dust Company, under permit, in accordance with plans submitted, as amended by the Department. Begun October 25 and finished December 16, 1896.

West One Hundred and Forty-second to West One Hundred and Forty-fourth Streets, N. R.

Secretary's Order No. 15747.—An addition was built to and repairs made to the existing bulkhead at above premises by New York Central and Hudson River Railroad Company, under permit of the Board. Begun February 6, 1896, and finished April 15, 1897.

West One Hundred and Forty-third Street, N. R.

Secretary's Order No. 15858.—Filling was placed and railroad tracks were laid at above premises by New York Central and Hudson River Railroad Company, under permit of the Board. Begun January 25, 1896, and finished April 15, 1897.

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

Secretary's Order No. 16156.—Six piles were driven, and bath replaced thereat, where damaged by ice, by employees of Peter Hunt, under permit. Begun May 6 and finished May 16, 1896.

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

Secretary's Order No. 16670.—A platform, about 13 feet wide by about 45 feet long, was erected north of, by employees of W. A. Skinkle and Mrs. Elizabeth Snook, under permit. Begun October 22, 1896, and finished December 30, 1896.

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

Secretary's Order No. 16383.—A private bath was erected thereat by W. A. Skinkle and Wm. T. Drew, under permit. Begun July 20 and finished July 24, 1896.

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

Secretary's Order No. 15866.—A bath-house was erected on the south side of pier, in accordance with plans submitted, as amended by Frederick Glosser, under permit. Begun May 1 and finished June 26, 1896.

Foot of One Hundred and Sixty-second Street, N. R.

Secretary's Order No. 16208.—A float, about 21 feet by 6 feet, was placed thereat by employees of James Vieth, under permit. Begun May 11 and finished May 15, 1896.

One Hundred and Sixty-ninth Street, N. R.

Secretary's Order No. 16087.—Certain additions and alterations were made to house thereat by employees of John Wagner, in accordance with permit granted and plans submitted. Begun April 20, 1896, and finished May 15, 1896.

Pier and Crib at Spuyten Duyvil Draw, N. R.

Secretary's Order No. 16250.—Fender-piles were renewed and other necessary repairs made to fender, pier and cribs thereat by G. W. Rogers & Co., contractors, under permit granted the New York Central and Hudson River Railroad Company. All work to be kept within existing lines. Begun May 12 and finished May 26, 1896.

*EAST RIVER.**Ferry Premises—Hamilton and South Ferries, E. R.*

Secretary's Order No. 15934.—Necessary repairs were made to premises by employees of the Union Ferry Company, under permit. All work was kept within existing lines. This order has been superseded by Secretary's Order No. 16260, dated May 19, 1896. Begun February 15 and finished May 20, 1896.

Secretary's Order No. 16260.—The necessary repairs were made to sheathing on racks, etc., by employees of the Union Ferry Company, under permit. This order has been superseded by Secretary's Order No. 16517, dated August 17, 1896, under which all necessary work will be done for the ensuing three months. Begun May 21 and finished August 17, 1896.

Pier 3, E. R.

Secretary's Order No. 16841.—The pavement on approach to pier was repaired by employees of A. W. Cruikshank, by order of the Board. Begun January 2 and finished January 4, 1897.

Pier 4, E. R.

Secretary's Order No. 15966.—The sheathing on surface of pier was repaired. Some half-round fenders were put on, and others refastened on sides of pier, where necessary, by G. W. Rogers & Co., contractors for lessees, by order of the Board. Begun April 14 and finished May 6, 1896.

Secretary's Order No. 16337.—The deck and sheathing on same were repaired, where necessary, by Wm. H. Jenks & Co., contractors for lessee, by order of the Board. Begun June 18 and finished June 23, 1896.

Bulkhead between Piers 5 and 6, and north side of Pier 5, E. R.

Secretary's Order No. 16046.—The fenders and fender-piles were renewed and refastened and the sheathing and backing-log patched, where necessary, by G. W. Rogers & Co., contractors, under permit granted the New York Central and Hudson River Railroad Company. Begun May 1 and finished May 9, 1896.

Pier, Old 6, E. R.

Secretary's Order No. 16033.—A derrick was erected on westerly side of pier, and also a tally-house, 4 feet by 6 feet, and tool-box, 30 inches by 20 inches, by employees of the Cleveland Steel Canal Boat Company, under permit. Begun March 30 and finished May 6, 1896.

Secretary's Order No. 16190.—A small office, 11 feet by 8 feet by 7 feet, was placed thereon by employees of the New York Central and Hudson River Railroad Company, under permit. Begun May 11 and finished May 14, 1896.

Secretary's Order No. 16711.—Six fender-piles were driven and one mooring-post renewed at southerly side outer end of pier, by G. W. Rogers & Co., contractors, for New York Central and Hudson River Railroad Company, under permit. Begun October 24 and finished October 26, 1896.

Bulkhead Easterly of Pier 8, E. R.

Secretary's Order No. 16897.—The pavement was repaired thereon by employees of the New York, Lake Erie and Western Railroad Company, occupants, by order of the Board. Begun and finished January 22, 1897.

Bulkhead Easterly of Pier 10, E. R.

Secretary's Order No. 16802.—The pavement on same was repaired by employees of lessee, by order of the Board. Begun and finished December 21, 1896.

Pier 11, E. R.

Secretary's Order No. 15081.—About 39 bearing-piles were driven and fastened, 27 cross caps, the side caps, side and interior rangers, deck, sheathing on deck, backing-log and fender-piles renewed, where necessary, by William H. Jenks & Co., contractors for owners, by order of the Board. All work was confined to existing lines. Begun July 26, 1895, and finished May 6, 1896.

Bulkhead East of Pier 14, E. R.

Secretary's Order No. 16468.—The old bulkhead was removed and rebuilt from about low water mark up, by John Monks & Son, contractors for owners, by order of the Board. Begun August 21, and finished October 20, 1896.

Bulkhead West Side of Pier 14, E. R.

Secretary's Order No. 16771.—Half-round fenders were placed, and fender-piles refastened in front of, by John Monks & Son, contractors, under permit granted E. A. Cruikshank & Co. Begun November 16 and finished November 20, 1896.

Wall Street Ferry, E. R.

Secretary's Order No. 15934.—Necessary repairs were made to premises by employees of the Union Ferry Company, under permit. Begun February 15 and finished May 20, 1896.

Secretary's Order No. 16097.—The pavement in front of same was repaired by employees of lessees, by order of the Board. Begun April 20 and finished May 1, 1896.

Secretary's Order No. 16260.—The necessary repairs were made to sheathing on racks, etc., by employees of the Union Ferry Company, under permit. Begun May 21 and finished August 17, 1896.

Pier 16, E. R.

Secretary's Order No. 15601.—Several bearing and fender-piles were driven and fastened, cross-caps, rangers, deck, backing-log and mooring-posts renewed, where necessary, also the wood-

work and iron on shed at outer end of pier was repaired, by employees of owners, by order of the Board. All work was confined to existing line. Begun August 9 and finished August 10, 1896.

Pier 19, E. R. (easterly half).

Secretary's Order No. 16514.—Nine side bearing-piles, 2 oak spring-piles, 22 half-round fenders, the vertical sheathing on outer end of pier, sheathing on deck and chocking around mooring-posts were renewed and repaired, where necessary, by William H. Jenks, contractor for owner, by order of the Board. Begun August 28 and finished September 3, 1896.

Pier 20, E. R.

Secretary's Order No. 16241.—The office on pier was extended 30 feet, and necessary repairs were made to pier, consisting of renewing deck sheathing, fender and fender-piles, repairing backing-log and shed, where necessary, by William H. Jenks, contractor, and confined to existing lines, under permit to lessees. Begun May 28 and finished September 11, 1896.

Ferry-racks and Structures on East Side of Pier 21, E. R.

Secretary's Order No. 15974.—Piles were renewed in racks where necessary, also ribbon pieces, etc., by employees of the Union Ferry Company, by order of the Board. Begun March 23 and finished August 11, 1896.

Fulton Street Ferry, E. R.

Secretary's Order No. 15934.—Necessary repairs were made to premises by employees of the Union Ferry Company, under permit. Begun February 15 and finished May 20, 1896.

Secretary's Order No. 16260.—The necessary repairs were made to sheathing on racks, etc., by employees of the Union Ferry Company, under permit. Begun May 21 and finished August 17, 1896.

Secretary's Order No. 16517.—The sheathing was renewed on roadways and bridges thereof, where necessary, by employees of the Union Ferry Company, under permit. Begun September 1, 1896, finished January 23, 1897.

Bulkhead East of Pier 23, E. R.

Secretary's Order No. 16234.—A portion of the bulkhead was excavated for the purpose of running a 1½ Croton water pipe through same, to supply the oyster-boat of J. W. Boyle, by employees of said Boyle, under permit. Begun May 11 and finished May 13, 1896.

Pier 23, E. R.

Secretary's Order No. 16978.—Fender piles were refastened, where necessary, on outer ends of pier by John Monks & Son, contractors, under permit granted the Fulton Market Fish Mongers' Association. Begun and finished February 27, 1897.

Secretary's Order No. 16955.—A small iron awning was erected near the westerly end of same by employees of the Joint Railway and Steam Transfer Company. Begun April 8 and finished April 10, 1897.

Pier 25, E. R.

Secretary's Order No. 16316.—About 12 spring-piles were driven on the north side of pier, by John Monks & Son, contractors, under permit granted the New Haven Steamboat Company. Begun June 15 and finished June 17, 1896.

Pier 26, E. R.

Secretary's Order No. 16984.—A cluster of spring piles was removed from the upper side of pier, by John Monks & Son, contractors, under permit granted the Montauk Steamboat Company. Begun March 4 and finished March 6, 1897.

Bulkhead between Piers 26 and 27, E. R.

Secretary's Order No. 16407.—Eight spring piles were driven thereon by John Monks & Son, contractors, under permit granted the Montauk Steamboat Company. Begun July 18 and finished July 24, 1896.

Between Piers 26 and 27, E. R.

Secretary's Order No. 17059.—A platform was extended between Piers Nos. 26 and 27, East river, by the Baltimore and Ohio Railroad Company, under permit of the Board. Begun April 5 and finished April 20, 1897.

Pier 27, E. R.

Secretary's Order No. 16927.—The horizontal sheathing and fender-piles on lower side of pier were repaired by Colin McLean, contractor, under permit granted the Baltimore and Ohio Railroad Company. Begun February 2 and finished February 10, 1897.

Pier 28, E. R.

Secretary's Order No. 15910.—Several bearing and fender-piles were driven and fastened. The interior ranges, deck, mooring posts and backing-log were renewed, where necessary; work was done by William H. Jenks, contractor, for owners and occupants, by order of the Board. Begun July 9 and finished August 5, 1896.

Ferry Premises at Roosevelt Street, E. R.

Secretary's Order No. 16041.—The surface of premises were resheathed, where necessary, by employees of the Brooklyn and New York Ferry Company, under permit. Begun June 5 and finished June 27, 1896.

Secretary's Order No. 16375.—The roadway was replanked, where necessary, by employees of the Brooklyn and New York Ferry Company. Begun June 27 and finished October 1, 1896.

Secretary's Order No. 16645.—The sheathing was renewed on roadways and bridge thereon, where necessary, by employees of the Brooklyn and New York Ferry Company, under permit. Begun October 12 and finished January 23, 1897.

James Slip, E. R.

Secretary's Order No. 16219.—The platform and ferry-house were blocked up, where necessary, and about thirty new piles driven behind ferry racks by employees of the Long Island Railroad Company, occupants, by order of the Board. Begun May 20 and finished December 5, 1896.

Catharine Street Ferry, E. R.

Secretary's Order No. 15934.—Necessary repairs were made to premises by employees of the Union Ferry Company, under permit. Begun February 15 and finished May 20, 1896.

Secretary's Order No. 16517.—Sheathing was renewed on roadways and bridges, where necessary, by employees of the Union Ferry Company, in conjunction with the work done at Fulton Ferry. Begun September 1, 1896, and finished January 23, 1897.

Secretary's Order No. 16260.—The necessary repairs were made to sheathing on racks, etc., by employees of the Union Ferry Company, under permit. Begun May 21 and finished August 17, 1896.

Pier, old 35, E. R.

Secretary's Order No. 17040.—A bunch of 7 second-hand piles were driven for mooring purposes about 60 feet from the down-town side of the shed on platform adjacent to Pier, old 35, E. R., and about 50 feet south of the bulkhead, by L. Boyer's Sons, under permit of the Board. Begun March 24 and finished March 25, 1897.

Pier, old 36, E. R.

Secretary's Order No. 16132.—Several spring and fender-piles were driven on the northerly side of pier, by Warren Roosevelt, contractor, for the Central Vermont Railroad Company, under permit. All work was kept within existing lines. Begun April 16 and finished May 1, 1897.

Pier, new 29, E. R.

Secretary's Order No. 16579.—The pavement in front of pier was repaired by employees of the Department of Public Works, by order of the Board. Begun September 29 and finished September 30, 1896.

Bulkhead East of Pier, new 29, E. R.

Secretary's Order No. 16615.—A 6-inch overflow pipe was placed through bulkhead by employees of the Department of Public Works, under permit. Begun September 22 and finished September 30, 1896.

Pier 38, E. R.

Secretary's Order No. 16257.—A temporary wharf structure was erected on the outer end of the pier by the Maine Steamship Company, under permit of the Board. Begun May 22 and finished August 11, 1896.

Secretary's Order No. 16263.—An iron shed was erected on the temporary wharf structure at the outer end of the pier by the Maine Steamship Company, under permit of the Board. Begun August 7 and finished August 31, 1896.

Secretary's Order No. 16790.—Five oak spring-piles were driven and fastened on the easterly side of, by John Monks & Son, contractors, for the Maine Steamship Line, under permit. Begun November 24 and finished November 27, 1896.

Bulkhead in Front of Pier 39, E. R.

Secretary's Order No. 16355.—The bulkhead was taken down to about low water, new bearing-piles driven, and same rebuilt and refloored from about low-water mark up, by John Monks & Son, contractors, for the Bridgeport Steamboat Company, under permit; all work was confined to existing lines. Begun July 6 and finished July 15, 1896.

Pier 39, E. R.

Secretary's Order No. 17707.—Four white oak spring-piles were driven on the easterly side of pier, by John Monks & Son, contractors, under permit granted the Bridgeport Steamboat Company. Begun December 1 and finished December 2, 1896.

Bulkhead between Piers 39 and 40, E. R.

Secretary's Order No. 16465.—A row of plank sheathing sufficient to prevent the caving-in and washing away of South street between the piers, was placed thereon by John Monks & Son, contractors, under permit to Screw Dock Company. Begun July 24 and finished September 1, 1896.

Secretary's Order No. 16489.—A row of piles was driven immediately outside the existing bulkhead. The capping and flooring over old bulkhead and rebuilding bulkhead platform in front of to sustain was done. Begun August 5 and finished August 20, 1896.

Pier old 40, E. R.

Secretary's Order No. 16558.—The fender-piles at outer end of pier were refastened, where necessary, by employees of occupants by order of the Board. Begun November 1 and finished November 4, 1896.

Secretary's Order No. 16981.—About 18 spring-piles were driven on the upper side of pier, by

employees of John Monks & Son, contractors, under permit granted the Montauk Steamboat Company, written consent of the Old Colony Steamboat Company, lessees, having been previously filed in the office of this Department. Begun March 4 and finished March 6, 1897.

Pier, new 32, E. R.

Secretary's Order No. 16411.—The canvas freight shed near outer westerly end of Pier was repaired by employees of the North and East River Steamboat Company, under permit. Begun and finished August 31, 1896.

Pier 42, E. R.

Secretary's Order No. 16813.—About 30 bearing piles and about 20 fenders were renewed and the backing-log and deck repaired, where necessary, by William H. Jenks & Co., contractors, under permit granted the Dry Dock Company, and all work was kept within existing lines. Begun December 7 and finished December 10, 1896.

Pier, old 44, E. R.

Secretary's Order No. 16521.—A bin 19 feet by 20 feet was constructed by employees of the Department of Street Cleaning thereat at easterly side of the old dump, under permit. Begun August 26 and finished September 16, 1896.

Secretary's Order No. 16616.—A 16-inch overflow pipe through bulkhead, about 6 feet easterly of pier, was placed by employees of Department of Public Works, under permit. Begun September 30 and finished October 2, 1896.

Secretary's Order No. 16799.—The dumping-board was extended 60 feet by 32 feet by employees of the Street Cleaning Department, under permit. Begun December 10 and finished December 26, 1896.

Bulkhead between Piers 47 and 48, E. R.

Secretary's Order No. 16488.—A small engine was placed on bulkhead by employees of William Muhlenberg under permit. Begun August 4 and finished August 7, 1897.

Piers 45, 46, 49, 50 and 51, E. R., and Bulkheads and Platforms between.

Secretary's Order No. 16742.—The horizontal sheathing and fenders were repaired, and broken fender and bearing-piles renewed, where necessary, by G. W. Rogers, contractor, under permit granted the New York Central and Hudson River Railroad Company. Begun November 10, 1896, finished January 11, 1897.

Pier 52, E. R.

Secretary's Order No. 16282.—The bearing and fender-piles, ranges, backing logs, and mooring posts on outer end of pier were renewed where necessary, by G. W. Rogers & Co., contractors, for occupants, by order of the Board. Begun July 20 and finished August 8, 1896.

Pier 53, E. R.

Secretary's Order No. 16623.—Six oak fender-piles were driven and fastened south side of, by John Monks & Son, contractors, under permit granted H. D. Mould. Begun September 24 and finished September 29, 1896.

Bulkhead between Piers 53 and 54, E. R., and West Side of Pier 54, E. R.

Secretary's Order No. 16539.—The premises were rebuilt from about low water up, by John Monks & Son, contractors, under permit granted J. W. Sullivan. All work was confined to former lines. Begun September 2 and finished October 6, 1896.

Bulkhead between Jackson and Corlears Streets, E. R.

Secretary's Order No. 14109.—The backing-log thereon was raised to proper grade by employees of owners, except the portion owned by the Gardner Estate and Eliza G. Board, which was fenced off by the Department force, under Secretary's Order No. 16540, dated August 27, 1896, and returned October 17, 1896. Begun September 4 and finished October 1, 1896.

Bulkhead foot of Corlears Street, E. R.

Secretary's Order No. 16016.—The half-round fenders in front of same were refastened and renewed by J. W. Sullivan for John A. Bouker, lessee, by order of the Board. Begun April 28 and finished May 1, 1896.

Secretary's Order No. 16474.—A 40-ton reel of wire was unloaded thereat by employees of the Chapman Derrick and Wrecking Company, under permit. Begun and finished July 28, 1896.

Secretary's Order No. 16755.—A 40-ton reel of wire was landed by the Chapman Derrick and Wrecking Company, under permit of the Board. November 12, 1896.

Secretary's Order No. 16941.—A 40-ton reel of wire was landed by the Chapman Derrick and Wrecking Company, under permit of the Board. February 8, 1896.

Bulkhead Upper Side of Corlears Street, E. R.

Secretary's Order No. 14267.—The backing-log on same was raised 12 inches above the surface of the pavement by employees of owners by order of the Board. Begun November 5, 1894, and finished October 1, 1896.

Piers 55 and 60, E. R.

Secretary's Order No. 17182.—This order calls for supervising the piercing of bulkhead at the above-named piers for the purpose of sewer outlet. Permit granted the Department of Public Works. Work at Pier 60 begun about April 19, 1897, and in progress.

Ferry Premises at Grand Street, E. R.

Secretary's Order No. 16040.—The piles on ferry-racks were refastened where necessary by employees of the Brooklyn and New York Ferry Company, under permit. Begun June 1 and finished June 27, 1896.

Secretary's Order No. 16374.—The roadway was replanked where necessary by employees of the Brooklyn and New York Ferry Company. Begun July 1 and finished October 2, 1896.

Secretary's Order No. 16645.—Sheathing was renewed on roadways and bridges where necessary by employees of the Brooklyn and New York Ferry Company, in conjunction with work done at Roosevelt Street Ferry. Begun October 12, 1896, and finished January 23, 1897.

Pier 56, E. R., Bulkhead between Piers 56 and 57 and South Side of Pier 57, E. R.

Secretary's Order No. 16953.—Twenty-eight oak spring-piles were driven on these premises by employees of the Brooklyn and New York Ferry Company, under permit. Begun February 27 and finished March 5, 1897.

Piers 56 and 57 and Bulkhead Between, E. R.

Secretary's Order No. 16435.—The sheathing on deck of same was cleaned and repaired by employees of the Hecker-Jones-Jewell Milling Company, by order of the Board. Begun July 27, 1896, and finished January 7, 1897. This order was revoked by the Board of Docks on January 7, 1897, and a permit was granted to the New York and Brooklyn Ferry Company to fence off premises, under Secretary's Order No. 16873, dated January 8, 1897.

Bulkhead between Piers 56 and 57, E. R.

Secretary's Order No. 16873.—A fence was erected on the premises by employees of the Brooklyn and New York Ferry Company, under permit. Begun March 1 and finished March 4, 1897.

Pier 57, E. R.

Secretary's Order No. 16209.—A sign was placed on the end of pier, prohibiting all vessels from lying at the end of said pier while the slip between Piers 57 and 58, East river, was occupied by employees of the Brooklyn and New York Ferry Company, under permit. Begun May 5 and finished May 7, 1896.

Pier 60, E. R.

Secretary's Order No. 16298.—A bath was placed on southerly side of, by employees of John A. McCarthy, under permit. Begun June 3 and finished June 4, 1896.

Bulkhead South of Pier 60, E. R.

Secretary's Order No. 16611.—The sheathing on surface of bulkhead was repaired and pavement was also repaired by employees of occupants by order of the Board. Begun October 1 and finished October 15, 1896.

Pier 61, E. R.

Secretary's Order No. 16429.—A bin 15 feet by 20 feet was erected by the Department of Street Cleaning, easterly of the dump on the pier, under permit of the Board. Begun July 25 and finished September 9, 1896.

Pier at East Houston st., E. R.

Secretary's Order No. 16305.—The side-bearing piles, side caps, ranges, deck, backing-log and mooring-posts were renewed where necessary by T. & A. Walsh, contractors, under permit granted the Nassau Ferry Company. Begun June 8 and finished June 11, 1896.

Between Slip and Pier foot of Houston Street, E. R.

Secretary's Order No. 16710.—15 oak piles were redriven thereat, by T. & A. Walsh, contractors, under permit granted the Nassau Ferry Company. Begun October 24 and finished October 27, 1896.

Pier at Third Street, E. R.

Secretary's Order No. 16246.—The necessary buildings, etc., were erected on the inner northerly side of pier, for the distribution of sterilized milk, by employees of Nathan Straus, under permit. Begun May 27 and finished June 3, 1896.

Secretary's Order No. 16821.—Coal bin 16 feet by 88 feet and an office 8 feet by 10 feet were erected on the space set aside for the Department of Public Charities thereat, by employees of Nathan Straus, under permit. Begun December 18 and finished December 21, 1896.

Pier at Fifth Street, E. R.

Secretary's Order No. 16121.—An ice-bridge about 7 feet wide by 100 feet long was erected on the southerly side of pier, near inner end, by employees of the Hazlewood Ice Company, under permit. Begun May 6 and finished May 9, 1896.

Secretary's Order No. 17146.—An ice platform is being erected on the pier foot of East Fifth street by the Hazlewood Ice Company, under permit of the Board. Begun April 19 and in progress.

Pier foot of Eighth Street, E. R.

Secretary's Order No. 16258.—Nine fenders and four spring piles were pulled thereat by John Monks & Son, contractors, for the Ridgewood Ice Company, under permit. Begun May 20 and finished May 23, 1896.

Secretary's Order No. 16489.—A landing stage on the southerly side of pier, erected by the Ridgewood Ice Company, was removed therefrom by employees of said company, by order of the Board. Begun and finished June 19, 1896.

Pier at Twelfth Street, E. R.

Secretary's Order No. 15745.—The bearing and fender piles, caps, rangers and backing-log were renewed, where necessary, by employees of the Mutual Gas-light Company, by order of the Board. Begun December 6, 1895, and finished September 30, 1896.

East Seventeenth Street, E. R.

Secretary's Order No. 16513.—Pocket-dumps are in progress of erection at the foot of East Seventeenth street, by the Department of Street Cleaning, under permit of the Board. Begun March 11, 1897.

Pier foot of Nineteenth Street, E. R.

Secretary's Order No. 16588.—The Pier foot of East Nineteenth street was repaired by John U. Brookman, under permit of the Board. Begun September 26 and finished October 5, 1896.

Bulkhead foot of East Twentieth Street, E. R.

Secretary's Order No. 16253.—A 45-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick & Wrecking Company, under permit of the Board. Begun and finished May 6, 1896.

Secretary's Order No. 16295.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished June 2, 1896.

Secretary's Order No. 16364.—A 47-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished June 25, 1896.

Secretary's Order No. 16379.—A 43-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished June 30, 1896.

Secretary's Order No. 16440.—A 23-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun July 20 and finished July 25, 1896.

Secretary's Order No. 16483.—A 91,000-pound reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished August 3, 1896.

Secretary's Order No. 16533.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun August 25 and finished August 30, 1896.

Secretary's Order No. 16530.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun September 26 and finished September 27, 1896.

Secretary's Order No. 16559.—A 44-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun October 3 and finished October 4, 1896.

Secretary's Order No. 16750.—A 43-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun November 10 and finished November 11, 1896.

Secretary's Order No. 16772.—A 40-ton reel of wire was landed on the bulkhead at the foot of Twentieth street, East river, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun November 17 and finished November 18, 1896.

Secretary's Order No. 16808.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun December 3 and finished December 4, 1896.

Secretary's Order No. 16863.—A 44-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished January 4, 1897.

Secretary's Order No. 16905.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished January 21, 1897.

Secretary's Order No. 16913.—A 42-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun and finished January 23, 1897.

Secretary's Order No. 16959.—A 45-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun February 17 and finished February 19, 1897.

Secretary's Order No. 17029.—A 40-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun March 19 and finished March 20, 1897.

Secretary's Order No. 17060.—A 43-ton reel of wire was landed on the bulkhead at the foot of East Twentieth street, by the Chapman Derrick and Wrecking Company, under permit of the Board. Begun March 27 and finished March 28, 1897.

Pier foot of East Twenty-first Street, E. R.

Secretary's Order No. 16983.—15 spring-piles were driven about the Pier foot of East Twenty-first street; 4 on the south corner, 5 on the north corner and 8 intermediate on the southerly side of the pier, by Brown Brothers, under permit of the Board. Begun March 18 and finished March 20, 1897.

Secretary's Order No. 17056.—38 spring fender-piles were driven about the easterly and northerly side of the Pier foot of East Twenty-first street, and repairs were made to the horizontal sheathing, backing-log, vertical sheathing and fender chocking, by Brown Bros., under permit of the Board. Begun March 26 and finished March 30, 1896.

Ferry Premises at Twenty-third Street, E. R.

Secretary's Order No. 16039.—The sheathing on approach to bridge was renewed by employees of the Brooklyn and New York Ferry Company, under permit. Begun June 1 and finished June 27, 1896.

Secretary's Order No. 16373.—The roadway was replanked where necessary. Begun July 1 and finished October 2, 1896.

Ferry Rack near South Side of Pier at Twenty-fourth Street, E. R.

Secretary's Order No. 16403.—Piles and ribbon pieces were renewed thereon by John Monks & Son, contractors, for the Greenpoint Ferry Company, by order of the Board. Begun August 17 and finished September 2, 1896.

Pier foot of East Twenty-fourth Street, E. R.

Secretary's Order No. 16907.—An electric-bell and lamp, with the necessary poles to carry the conductors to the outer end of the southerly side of the pier was placed by the Tenth and Twenty-third Street Ferry Company, under permit of the Board. Begun February 18 and finished March 17, 1897.

Foot of East Twenty-eighth Street, E. R.

Secretary's Order No. 15119.—The newly-made land foot of East Twenty-eighth street was graded and paved to connect the inner end of the pier with the Belgian block pavement by the Department of Public Works, as per request of this Department. Begun June 8 and finished August 15, 1896.

Secretary's Order No. 16359.—A temporary shed was erected on the Pier foot of East Twenty-eighth street, as a protection to passengers and freight, by the Manhattan State Hospital, under permit of the Board. Begun July 13 and finished July 17, 1896.

Pier at Thirty-first Street, E. R.

Secretary's Order No. 17043.—The mooring-posts, fenders, fender-piles and sheathing on deck were renewed where necessary by employees of lessee, by order of the Board. Begun April 1 and finished April 10, 1897.

Pier and Approach at Thirty-seventh Street, E. R.

Secretary's Order No. 16330.—The deck was sheathed with new 3-inch yellow pine, and the approach with 5-inch yellow pine. Work was done by Colin McLean, contractor, for lessees, by order of the Board. Begun August 3 and finished August 8, 1896.

Pier at Thirty-eighth Street, E. R.

Secretary's Order No. 16389.—A portable derrick was erected on the pier by William Denny, to remain during the pleasure of the Board. Begun July 13 and removed August 3, 1896.

Secretary's Order No. 16430.—A bin 15 feet by 15 feet was erected easterly of the dumping-board on the pier by the Department of Street Cleaning, under permit of the Board. Begun July 22 and finished September 3, 1896.

Bulkhead between Thirty-eighth and Thirty-ninth Streets, E. R.

Secretary's Order No. 16845.—A trestle was erected thereat by employees of the Knickerbocker Coal Company, under permit and in accordance with plans submitted as amended by this Department. Begun December 31, 1896, and finished January 18, 1897.

Bulkhead Platform between Forty-fourth and Forty-fifth Streets, E. R.

Secretary's Order No. 16085.—Spring and fender piles were refastened thereat where necessary by R. P. & J. H. Staats, contractors, for occupants, by order of the Board. Begun May 12 and finished May 20, 1896.

Secretary's Order No. 16830.—The fender piles, backing-log and deck were renewed and refastened where necessary by R. P. & J. H. Staats, contractors, under permit granted Schwarzschild, Sulzburger & Co. Begun December 21 and finished December 26, 1896.

Pier at Forty-sixth Street, E. R.

Secretary's Order No. 16791.—Changes were made to the dump thereon by employees of the Department of Street Cleaning, under permit and in accordance with diagram submitted and approved by the Board of Docks. Begun December 7 and finished December 11, 1896.

Bulkhead between Forty-sixth and Forty-seventh Streets, E. R.

Secretary's Order No. 16479.—Several fender piles were renewed and the platform on bulkhead was blocked up where necessary by T. & A. Walsh, contractors, under permit granted Kane & Wright. Begun August 3 and finished August 13, 1896.

Bulkhead at Forty-seventh Street, E. R.

Secretary's Order No. 16741.—The sheathing on same was repaired by employees of Owens & Co., under permit. Begun November 5 and finished November 7, 1896.

Foot of Forty-ninth Street, E. R.

Secretary's Order No. 16961.—7 piles were driven north of and in line of extension of those previously driven, in accordance with permit granted on November 21, 1895. All piles were placed within or westerly of pierhead and bulkhead line established by the Secretary of War in 1890. Work was done by Warren Roosevelt, contractor, under permit granted the New York Steam Company. Begun March 2 and finished March 8, 1897.

Bulkhead between Fifty-second and Fifty-third Streets, E. R.

Secretary's Order No. 15674.—30 bearing-piles were driven and fastened, about 20 cross caps, 15 fender-piles and the backing-log and deck were renewed where necessary by William H. Jenks & Co., contractors, for owners and occupants, by order of the Board. Begun May 25 and finished June 3, 1896.

Secretary's Order No. 15796.—About 20 bearing-piles were driven and fastened thereat and the caps, deck and backing-log renewed where necessary by William H. Jenks & Co., contractors, for lessee, by order of the Board. Begun May 22 and finished June 3, 1896.

Bulkhead between East Fifty-ninth and Sixtieth Streets, E. R.

Secretary's Order No. 16649.—A crib bulkhead was constructed between East Fifty-ninth and Sixtieth streets, by the New York Steam Company, under permit of the Board. Begun October 8, 1896, and finished January 9, 1897.

Foot of East Sixty-second Street, E. R.

Secretary's Order No. 16785.—A wagon gangway approach was erected over Sixty-second street, East river, to the platform over land under water by the Farmers' Feed Company, under permit of the Board. Begun April 2 and finished April 21, 1897.

Bulkhead between East Sixty-third and Sixty-fourth Streets, E. R.

Secretary's Order No. 16089.—Repairs to supports for coal-bridge on the bulkhead east of Sixty-third and Sixty-fourth streets, East river, were made by Messrs. Neidlinger & Son, in accordance with plans submitted under permit of the Board. Begun June 4 and finished July 28, 1896.

East Sixty-fourth Street, E. R.

Secretary's Order No. 14158.—Bridge foundations are being erected at the foot of this street for the proposed Long Island Bridge by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894; temporarily suspended.

Bulkhead Platform at Sixty-fourth Street, E. R.

Secretary's Order No. 16966.—A waiting-room was removed from the foot of Seventieth street, East river, to these premises by the Chapman Derrick and Wrecking Company, under permit granted the Department of Correction to remove and maintain same thereat during the pleasure of the Board. Begun and finished March 4, 1897.

Bulkhead foot of Seventy-third Street, E. R.

Secretary's Order No. 16431.—A bin about 25 feet by 11 feet was erected thereat by the Department of Street Cleaning, under permit. Begun August 1 and finished August 12, 1896.

Bulkhead between Seventy-eighth and Seventy-ninth Streets, E. R.

Secretary's Order No. 16313.—The ice platform was repaired and extended southerly about 37 feet long by 8 feet wide by employees of the National Ice Company, under permit. Begun and finished June 13, 1896.

Bulkhead Platform between Seventy-ninth and Eightieth Streets, E. R.

Secretary's Order No. 16045.—Several bearing-piles were renewed and refastened where necessary and the deck and backing log were also repaired by T. & A. Walsh, contractors, for lessee. Begun May 11 and finished June 3, 1896.

Foot of Eightieth Street, E. R.

Secretary's Order No. 16744.—The dumping-board and runway thereat was extended and raised by employees of the Department of Street Cleaning, under permit. Begun November 8 and finished November 23, 1896.

Premises North of Eighty-ninth Street, E. R.

Secretary's Order No. 16324.—Bathhouse, etc., belonging to Mary A. Jeroloman were ordered removed from premises which are said to be in charge of the Department of Public Parks.

East Ninety-first Street, E. R.

Secretary's Order No. 16602.—A head-line was run to the City Dock, foot of East Ninety-first street to hold floating chute by Paul Boynton & Co., under permit of the Board. Begun September 21 and finished September 22, 1896.

Between East Ninety-first and Ninety-second Streets, E. R.

Secretary's Order No. 16191.—The crib bulkhead between East Ninety-first and Ninety-second streets was pierced and a salt water-pipe laid under same out into the river, by George Ringler Brewing Company, under permit of the Board. Begun May 7 and finished July 7, 1896.

Secretary's Order No. 16194.—Piles were driven at East Ninety-first street, by George Ringler Brewing Company, under permit of the Board. Begun May 4 and finished May 5, 1896.

Foot of East Ninety-sixth Street, E. R.

Secretary's Order No. 16362.—The paving of East Ninety-sixth street across the marginal street, wharf or place to the bulkhead line, was done by the Department of Public Works, under permit of the Board. Begun July 13 and finished August 31, 1896.

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

Secretary's Order No. 16261.—A shed was extended about 75 feet within the lines of the marginal street thereon by employees of Holmes & Philbrick, under permit. Begun May 20 and finished May 23, 1896.

Foot of Ninety-ninth Street, E. R.

Secretary's Order No. 16656.—Two oak fender-piles were driven in ferry rack, foot of East Ninety-ninth street, by the New York and College Point Ferry Company, under permit of the Board. Begun and finished October 3, 1896.

*HARLEM RIVER.**Between East One Hundred and First and One Hundred and Second Streets, H. R.*

Secretary's Order No. 15272.—The filling to the westward of the exterior wharf, street or place between East One Hundred and First and One Hundred and Second streets was done by the owners of the property, as directed by the Board. Begun August 15, 1895, and finished September 16, 1896.

Bulkhead between One Hundred and Fourth and One Hundred and Fifth Streets, H. R.

Secretary's Order No. 16687.—The backing-log was repaired and fenders renewed and refastened, where necessary, by John Monks & Son, contractors, for occupants, by order of the Board. Begun November 16 and finished November 21, 1896.

Bulkhead Platform between One Hundred and Fifth and One Hundred and Sixth Streets, H. R.
Secretary's Order No. 16720.—The backing-log was repaired and fenders and surface of renewed and repaired, where necessary, by John Monks & Son, contractors, for occupants, by order of the Board. Begun November 16 and finished November 23, 1896.

One Hundred and Seventh Street, H. R.

Secretary's Order No. 16235.—Piles were driven for the foundation of coal pockets thereat by Walls & Van Riper, contractors, in accordance with plans submitted and under permit granted Daniel Meyer. Begun May 13 and finished June 13, 1896.

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

Secretary's Order No. 16432.—A bin 16 feet by 16 feet was erected easterly of the dump on the pier by the Department of Street Cleaning, under permit of the Board. Begun August 3 and finished September 3, 1896.

Secretary's Order No. 16892.—A dumping-board was extended from southerly side of pier to the outer end thereof by employees of the Department of Street Cleaning, under permit, in accordance with plans submitted as amended. Begun January 15 and finished February 5, 1897.

Bulkhead between One Hundred and Fourteenth and One Hundred and Fifteenth Streets, H. R.
Secretary's Order No. 16899.—The backing-log on south half was raised to the desired grade by employees of owners, by order of the Board. Begun February 8 and finished February 23, 1897.

Secretary's Order No. 16967.—The coal-hoisting machinery was removed from the northerly half of bulkhead by employees of the Standard Gas-light Company, by order of the Board. Begun February 23 and finished April 12, 1897.

Bulkhead between East One Hundred and Fifteenth and One Hundred and Sixteenth Streets, H. R.
Secretary's Order No. 16149.—Structures on the north side of bulkhead, between East One Hundred and Fifteenth and One Hundred and Sixteenth streets, were removed by William Williams June 18, 1896, he having been notified to remove same, under permit of the Board granted him May 12, 1896.

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

Secretary's Order No. 17079.—A landing stage and gangway was transferred from the foot of East One Hundred and Fifteenth street to above bulkhead by William H. Jenks, contractor, under permit granted the Manhattan State Hospital. Begun April 3 and finished April 14, 1897.

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

Secretary's Order No. 16247.—A boat-house and float were erected thereat by employees of Joseph H. Golding, under permit. Begun May 12 and finished May 15, 1896.

Wilks Avenue, H. R.

Secretary's Order No. 16187.—A sub-marine cable house was erected at above premises by Metropolitan Telephone and Telegraph Company, under permit of the Board. Begun May 17 and finished June 18, 1896.

Secretary's Order No. 16376.—About 47 white oak fender-piles were driven thereat by Warren Roosevelt, contractor, for the New York Central and Hudson River Railroad Company, under permit. Begun July 18 and finished July 22, 1896.

Lexington Avenue, Near One Hundred and Thirty-first Street, H. R.

Secretary's Order No. 16321.—A temporary gangway was erected, to connect floats thereat, by employees of O. F. Raynor, under permit. Begun July 1 and finished July 3, 1896.

Foot of One Hundred and Thirty-second Street, H. R.

Secretary's Order No. 16249.—A boat-house and runway were moored thereat by employees of the New Manhattan Athletic Club, under permit. Begun May 12 and finished May 15, 1896.

Bulkhead foot of Lincoln Avenue, H. R.

Secretary's Order No. 16433.—A bin about 9 by 20 feet was erected north of the dump by employees of the Department of Street Cleaning, under permit. Begun August 6 and finished August 15, 1896.

One Hundred and Fifty-third Street, H. R.

Secretary's Order No. 16769.—A boat-house was placed at the foot of above premises by Michael Murray, under permit of the Board. Begun and finished December 22, 1896.

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

Secretary's Order No. 16322.—Filling-in is being deposited thereat by Jordon L. Mott, under permit of the Board. Begun June 16, 1896, and in progress.

Slip at One Hundred and Thirty-ninth Street, H. R.

Secretary's Order No. 16532.—Scow No. 2 and cargo were removed from slip by employees of McMullin and Co., by order of the Board. Begun August 28 and finished September 10, 1896.

Pier at One Hundred and Fortieth Street, H. R.

Secretary's Order No. 16088.—The sewer easterly side of pier was extended in accordance with diagram submitted by Department of Public Works. Work was done by Cunningham & Keane, under permit. Begun July 24 and finished October 24, 1896.

One Hundred and Forty-fourth Street, H. R.

Secretary's Order No. 15598.—Filling-in is being placed on the easterly side of Harlem river at above premises, by John Cromwell, under permit of the Board. Begun November 11, 1895, and in progress.

One Hundred and Forty-ninth Street, H. R.

Secretary's Order No. 17050.—A boat-house was placed at above premises by Dauntless Boat Club, under permit of the Board. Begun April 8 and finished April 23, 1897.

Lenox Avenue, H. R.

Secretary's Order No. 17052.—A boat-house was placed at above premises by Nonpareil Boat Club, under permit of the Board. Begun April 8 and finished April 23, 1897.

Secretary's Order No. 17054.—A boat-house was placed at above premises by Union Boat Club, under permit of the Board. Begun April 8, 1897, and finished April 23, 1897.

Two Hundred and Sixteenth and Two Hundred and Eighteenth Streets, H. R.

Secretary's Order No. 16894.—A crib-bulkhead is being erected at above premises, in accordance with plans submitted, by Third Avenue Railroad Company, under permit of the Board. Begun January 15, 1897, and in progress.

Morris Dock, H. R.

Secretary's Orders Nos. 15598 and 15635.—Platforms, docks, etc., were erected and extended at above premises, in accordance with plans submitted, by Gas Engine and Power Company, under permit of the Board. Begun October 1, 1896, and finished April 15, 1897.

Secretary's Order No. 16470.—Foundations are being erected and buildings are to be placed thereon at above premises, in accordance with plans submitted, by Gas Engine and Power Company, under permit of the Board. Begun December 11, 1896, and in progress.

Secretary's Order No. 16716.—The boiler-house, smith shop and the building known as "No. 4" were extended at above premises by Gas Engine and Power Company, under permit of the Board. Begun November 1, 1896, and finished April 15, 1897.

Secretary's Order No. 16733.—Piles were driven at above premises by Gas Engine and Power Company, under permit of the Board. Begun November 28, 1896, and finished December 1, 1896.

Secretary's Order No. 16323.—Filling is being deposited north of Powell place at above premises by Gas Engine and Power Company, under permit of the Board. Begun June 1, 1896, and in progress.

Secretary's Order No. 16786.—A platform was built and a shed erected thereon, in accordance with plans submitted, by New York Yacht Launch and Engine Company, under permit of the Board. Begun November 21, 1896, and finished January 31, 1897.

Willow Avenue, Bronx Kills.

Secretary's Order No. 16389.—The filling at above premises is being extended to the eastward by New York, New Haven and Hartford Railroad Company, under permit of the Board. Begun September 16, 1895, and in progress.

Secretary's Order No. 15574.—The filling is being extended thereat by Port Morris Land and Improvement Company, under permit of the Board. Begun November 1, 1895; in progress.

Walnut and Willow Avenues, E. R.

Secretary's Order No. 16853.—A retaining structure is being erected at above premises by Port Morris Land and Improvement Company under permit of the Board. Begun January 23, 1897; in progress.

Pier at One Hundred and Thirty-eighth Street, Port Morris, Long Island Sound.

Secretary's Order No. 16879.—A row of 53 piles were driven inside the present crib-head line of the Central Gas-light Company of New York by John Monks & Son, contractors, under permit granted said Gas-light Company. Begun January 14 and finished January 18, 1897.

Oak Point, Bronx River.

Secretary's Order No. 10938.—The water-front in this vicinity is being improved by placing filling, etc., thereat by East Bay Land and Improvement Company, under permit of the Board. Begun September 15, 1891; in progress.

Secretary's Order No. 16329.—Test-piles were driven at above premises by East Bay Land and Improvement Company, under permit of the Board. Begun and finished August 11, 1896.

Blackwell's Island, E. R.

Secretary's Order No. 14170.—Piers are being erected on Blackwell's Island, for the proposed Long Island Bridge, by New York and Long Island Bridge Company, under permit of the Board. Begun October 1, 1894, and temporarily suspended.

Ward's Island, H. R.

Secretary's Order No. 16731.—A new pier was erected thereon, in accordance with resolution of the Board granting permission to the Manhattan State Hospital so to do, by William H. Jenks & Co., contractors, per plans and specifications submitted and approved by this Board. Begun January 14 and finished March 26, 1897.

Pier Foot of Prospect Street, City Island, Long Island Sound.

Secretary's Order No. 16751.—The bearing-piles and caps in front of pier were renewed, also fender-piles, mooring-posts, backing-log and deck, where necessary, by George Humphrey, contractor, under permit granted Henry Wellbrook, and all work was kept within former lines. Begun November 12 and finished November 28, 1896.

NEW WHARFAGE ROOM.

NEW WHARFAGE ROOM, MADE DURING THE YEAR ENDING APRIL 30, 1897.

	Linear feet.
North River—	
New wall at Perry street	80.00
New wall at West Fifty-second street (north end)	253.70
	333.70
East River—	
New wall at East Ninety-first Street Section	51.14
Harlem River—	
New wall at East Ninety-ninth Street Section	102.00
New wall at East One Hundred and Sixteenth Street Section	109.72
	211.72
Total new wall	596.56
Harlem River—	
Pier at East One Hundred and Sixteenth street (sides and outer end)	443.98
Sherman's creek, Hudson River New Cribwork	702.00
	1,145.98
Total new wall and pier line under "New Plan"	1,742.54
Deduct for wall which comes under new Piers:	
Pier at East One Hundred and Sixteenth street	56.12
	1,686.42
CONSTRUCTION NOT UNDER "NEW PLAN."	
North River—	
Pier at West One Hundred and Thirty-first street, North river (extended)	314.00
Harlem River—	
Depot place bulkhead	60.00
Randall's Island new coal Pier	585.00
East river—	
Hart's Island, new Pier	150.00
	1,109.00
Total new wharfage room, not under "New Plan"	1,109.00
Total new wharfage room for the year	2,795.42
Deduct wharfage room destroyed during the year:	
Gansevoort Section, North river	2,675.00
West Thirty-fourth Street Section, North river	40.00
Pier, old 35, East river	340.00
	3,055.00
Total decrease	3,055.00
Net decrease	259.58

The decrease during the year in the length of wharfage room is 259.58 linear feet, and the superficial area of piers has been increased by 40,843 square feet, and decreased by 67,190 square feet, making a net decrease of 26,347 square feet.

NEW WHARFAGE ROOM IN LINEAR FEET, TO BE MADE BY WORK BEGUN, BUT NOT FINISHED DURING THE YEAR ENDING APRIL 30, 1897.

	Linear Feet.
North River—	
Gansevoort Section, North River	1,970.00
West Thirty-fourth Street Section	198.75
Harlem River—	
Sherman's creek (new crib-bulkhead)	765.50
	2,934.25
Temporary Construction under "New Plan."	
Pier, old 56½, North river	482.33
Pier, old 58½, North river	398.00
Total temporary construction under "New Plan"	880.33
Work not under "New Plan."	
Pier foot One Hundred and Thirty-second street, North river (extension)	400.00
Total not under "New Plan"	400.00
Total work begun, but not finished, during the year	4,214.58
NEW WHARFAGE ROOM IN LINEAR FEET MADE DURING THE YEAR ENDING APRIL 30, 1897, BY PRIVATE PARTIES, UNDER PERMIT FROM THE BOARD OF DOCKS.	
North River—	
Pier, old 9, North river (extension)	100.00
Bulkhead between West One Hundred and Forty-second and One Hundred and Forty-fourth streets, North river	261.50
Total, North river	361.50
East River—	
Platform between Piers 26 and 27, East river	70.48
Pier, old 38, East river (extension)	137.87
Bulkhead between East Fifty-ninth and Sixtieth streets, East river	233.25
Total, East river	441.60
Harlem river—	
New pier south of Morris Heights, Harlem river	590.00
Extension of two piers, Morris Heights, Harlem river	231.00
Total, Harlem river	821.00
Total new wharfage room completed during the year by private parties	1,324.10
Ward's Island—	
New pier built by Manhattan State Hospital	461.00
Grand total, finished	1,785.10
NEW WHARFAGE ROOM IN LINEAR FEET, TO BE MADE BY WORK CARRIED ON DURING THE YEAR BY PRIVATE PARTIES, UNDER PERMIT OF THE BOARD OF DOCKS, BUT NOT FINISHED.	
Harlem River—	
Crib-bulkhead, between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, Harlem river	878.00

AQUEDUCT COMMISSION.

AQUEDUCT COMMISSIONERS' OFFICE, ROOM 209, STEWART BUILDING, NEW YORK November 19, 1897.

Abstract of Amount of Expenditures and Liabilities of the Aqueduct Commissioners during the Month of October, 1897, as required by Section 39, Chapter 490, Laws of 1883.

EXPENDITURES.	
Salaries—Commissioners and employees	\$12,829 26
Additional works, etc., New Croton Dam	2,948 16
Taxes on land	690 28
Lithographing, printing, etc.	333 80
Traveling and incidental expenses	332 09
Judgment	294 50
Maintenance of horses, wagons and harness	222 71
Fence posts	213 96
Hardware, etc.	191 35
Iron pipe railing	145 00
Stationery	86 45
Paint, oil, etc.	85 37
Hire of horses and wagons	31 00
Telephone rental	18 00
Photographic materials	15 29
Stable supplies	18 50
Sanitary work	20 00
Drawing materials, etc.	9 53
Expenditures	\$18,469 19
Monthly estimate of amount due contractors for work done under contract for New Croton Dam; Jerome Park Reservoir, retaining masonry, etc., near Shaft No. 25	103,433 58
Total expenditures	\$121,902 77
LIABILITIES.	
Salaries—Commissioners and employees	\$9,638 26
Boundary monuments	912 00
Rent	655 00
Drilling holes in rock foundation of New Croton Dam	620 71
Coal, lumber, etc.	374 78
Taxes on land	274 15
Ball-bearing thrust collars	186 40
Delivering stone monuments	181 35
Traveling and incidental expenses	142 27
Maintenance of horses, wagons and harness	33 55
Hire of horse and wagon	32 00
Powder, oil, etc.	18 43
Telephone rental and toll	10 30
Stationery	11 15
Cement testing materials	11 27
Photographing, printing, etc.	11 30
Drawing materials	2 00
Liabilities	\$13,070 02
Monthly estimate of amount due contractors for work done under contract for Jerome Park Reservoir; New Croton Dam and retaining masonry, etc., near Shaft 25	104,200 20
Total expenditures	\$117,270 22

I hereby certify that the foregoing is a correct and true abstract of account of the expenditures and liabilities of the Aqueduct Commissioners for the month of October, 1897, the said account being on file in the office of the Comptroller of the City of New York.

EDWARD L. ALLEN, Secretary.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, Tuesday, November 9, 1897.

The Board of Examiners met this day, 2.45 P. M.

Present—Stevenson Constable, Superintendent of Buildings, in the chair, and Messrs. Dobbs, Conover, Moore, Bonner, Fryer, McMillan and O'Reilly.

The minutes of November 4, 1897, were read and approved.

Petitions were then submitted for approval, as follows:

Plan 805, Alterations to Buildings, 1897—William J. Fryer, petitioner—To allow a cellar to be placed under the entire building instead of under the southern portion only, as provided for by plans first filed, this cellar to take the place of the one-story brick extension, which was to have been built on the north side; west side of Eleventh avenue, junction of Boulevard Lafayette and West One Hundred and Fifty-seventh street. Approved, subject to the approval of the construction by the Superintendent of Buildings. Superintendent voting no; Mr. Fryer not voting.

Plan 591, New Buildings, 1897—Henry V. D. Allen, petitioner—To allow the erection of the trestle, as shown on plan and as described on amendment already on file, and as stated in petition; northeast corner of Avenue A and Sixty-third street. Laid over.

Slip Application 2051, 1897—Delamos & Cordes, petitioners—To allow the erection of a fixture or bin for the storage of furs on fifth floor of building, extending from floor to ceiling (11 feet 10 inches long and 16 feet 8 inches wide), as stated in petition; east side Sixth avenue, Eighteenth and Nineteenth streets. Approved, on recommendation of Mr. Bonner, subject to the approval of the construction by the Superintendent of Buildings.

Plan 688, New Buildings, 1897—W. Ormiston Tait, petitioner—To allow the J. W. Rapp system of fireproof floor construction to be used for the first floors of buildings, as stated in

petition; north side of One Hundred and Fourteenth street, 395 feet west of Fifth avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no.

Plan 600, New Buildings, 1897—Harry T. Howell, petitioner—To allow Rapp's patent beam filling to be used instead of brick arches between beams of first tier, which are steel, as stated in petition; south side Eighty-second street, 99 feet 11 1/2 inches East Park avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no.

Plan 777, New Buildings, 1897—H. E. Hartwell, petitioner—To allow the use of the Rapp system of fireproofing for first floor and stair case hall floors throughout, as stated in petition; Nos. 28 and 30 West One Hundred and Twenty-seventh street. Approved as to first floor, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no. Denied as to staircase hall floors.

Plan 715, New Buildings, 1897—Benjamin Spencer, petitioner—To allow the use of the J. W. Rapp system of fireproof floor construction for first floors of buildings, as stated in petition; south side of One Hundred and Ninth street, 150 feet west of Columbus avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no.

Plans 648A, New Buildings, 1897—George Stolz, petitioner—To allow the use of the J. W. Rapp system of fireproof construction for first floor of building, as stated in petition; north side of One Hundred and Fifty-first street, 134 feet east of Park avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no.

Plans 778, New Buildings, 1897—W. Ormiston Tait, petitioner—To allow the use of the J. W. Rapp system of fireproofing for first floor of building, as stated in petition; north side of One Hundred and Fourteenth street, 295 feet west of Fifth avenue. Approved, on condition that the under sides of beams are covered with fireproof material, as required by law, and subject to the approval of the construction by the Superintendent of Buildings. Mr. Fryer voting no.

Plan 1032, Alterations to Buildings, 1897—Buchman & Deisler, petitioners—To allow rear wall to be constructed of fireproof material and steel construction, covering same with corrugated iron, as shown on plans and as stated in petition; Nos. 1214 to 218 East One Hundred and Twenty-fifth street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 128A, New Buildings, 1897—Brother August, petitioner—To allow the use of corrugated iron for the ceilings of basement in chapel and dormitory buildings, as stated in petition; Clason Point, Westchester. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 782, New Buildings, 1897—John P. Leo, petitioner—To allow the easterly gable wall to be built, as shown on plans and as stated in petition; north side of One Hundred and Fifty-second street, 100 feet east of Tenth avenue. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 771, New Buildings, 1897—Henry Andersen, petitioner—To allow the number and width of openings in bearing walls, although exceeding the percentage of openings, as stated in petition; northwest corner of Madison avenue and Eighty-eighth street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 797, New Buildings, 1897—N. Le Brun & Sons, petitioner—To allow walls of roof sides of pent house to be built of terra cotta blocks between the metal uprights. The outside of the terra cotta will be covered with copper, as stated in petition; southwest corner of Fifty-ninth street and Park avenue. Laid over for plan showing pent house.

Plan 790A, New Buildings, 1897—William J. Pragnell, petitioner—To allow tops of roof beams to be 38 feet 6 inches above level of ground or curb, thereby giving higher ceilings in rooms, and more room above ceiling of top floor for ventilation, as per elevation filed, and as stated in petition; east side of Wilkins place, 275 feet south of Jennings street. Approved, subject to the approval of the construction by the Superintendent of Buildings. Superintendent voting no.

Plan 735, Alterations to Buildings, 1897—G. A. Schellenger, petitioner—To allow masonry of foundation walls of new portions of building to be built in cement mortar, with the addition of a small portion of lime, as stated in petition; north side Seventeenth street, 228 feet 8 inches west of Seventh avenue, and south side Eighteenth street, 225 feet west of Seventh avenue. Denied.

Plan 755, New Buildings, 1897—Henri Fouchaux, petitioner—To allow cast iron ventilated beam boxes or hangers to be used on the ends of floor beams (in special positions), instead of usual 4-inch bearing on walls; also the use of hot-air pipes (in special positions), to be built flush with inside of walls and covered with Hayes' metal lath, and plastered with three good coats of gauged mortar, as stated in petition; southeast corner One Hundred and Fifty-eighth street and St. Nicholas avenue. Approved on following conditions: In all cases where the box comes near the smoke flue there shall be at least four inches of brickwork between the box and the smoke flue, where it comes in proximity to hot-air flue, the flue shall be built double, as required where hot-air pipes pass through partitions. In all cases where hot-air pipes come flush with the inner wall; they shall also be built double in the manner prescribed for petitions, and subject to the approval of the construction by the Superintendent of Buildings.

Plan 1158, New Buildings, 1896—Cady, Berg & See, petitioners—To allow a light bridge or inclosed passage to run from the hospital building to rear of adjoining house on Nineteenth street, purchased by the hospital for nurses' and matrons' use, as stated in petition; Nos. 301 and 303 East Nineteenth street, and Nos. 330 and 332 Second avenue. Approved, on condition that door at each end of bridge be covered with metal on the bridge side, and subject to the approval of the construction by the Superintendent of Buildings.

Plan 826, New Buildings, 1897—J. Bockell & Son, petitioners—To allow building to be 75 feet 5 inches wide instead of 75 feet, also all large openings to be opened in old wall to be protected by sheet-iron doors, as stated in petition; east side of Eleventh avenue, 50 feet north of Sixty-second street. Approved, on condition that the connecting doors be made of wood covered with tin, and constructed as described in the Building Law, and subject to the approval of the construction by the Superintendent of Buildings.

Plan 767, New Buildings, 1897—David Christie, petitioner—To allow the use of bearing walls as per plans submitted, with same quantity of openings, as stated in petition; south side of One Hundred and Ninth street, 200 feet east of Amsterdam avenue. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 273, New Buildings, 1894—Sonn Brothers, petitioners—To allow the construction of light-shaft inclosure partitions, as stated in petition; Nos. 1624-1635 Amsterdam avenue. The petition is further amended to ask for further consideration. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 780, New Buildings, 1897—H. B. Van Benschoten, petitioner—To allow the omission of 8-inch brick fore and aft wall in cellar, constructing the first tier of beams and floor in a manner perfectly safe, and to use 12-inch I steel beams, as stated in petition; southeast corner of One Hundred and Seventh street and Manhattan avenue. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 494A, New Buildings, 1897—Joseph P. O'Donnell, petitioner—To allow cellar ceiling to be covered with fireproof plaster boards, and two coats of plaster, instead of wire lath, as required and as stated in petition; north side of One Hundred and Seventy-sixth street, 100 feet east of Washington avenue. Approved, subject to the approval of the construction by the Superintendent of Buildings. Superintendent voting no.

Plan 978, Alterations to Buildings, 1897—C. B. J. Snyder, petitioner—To allow the one-story inclosed yard (to be used as a playground), to be constructed of non-fireproof material, as regards the roof and as stated in petition; northeast corner of Avenue A and Eighty-first street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 463, New Buildings, 1897—Horenburger & Straub, petitioners—To allow hardwood treads to be used on iron strings of main stairs, covering the under sides of stairs with wire lathing, with two coats of plaster, as stated in petition; No. 24 Forsyth street. Approved, on condition that the wood is treated with some accepted fireproofing, and subject to the approval of the construction by the Superintendent of Buildings. Superintendent and Mr. Dobbs voting no.

Plan 834, New Buildings, 1896—Clinton & Russell, petitioners—To allow erection of extra bridge connecting kindergarten with girls' locker-room on second floor of St. Bartholomew's Parish House, as stated in petition; Nos. 211 and 213 East Forty-second street. Approved, on condition that the same is lined with fire clay blocks and plastered on the inside, and subject to the approval of the construction by the Superintendent of Buildings.

Plan 1053, Alterations to Buildings, 1897—James M. Farnsworth, petitioner—To allow the present brick walls to be carried up for two stories in all, a height of 25 feet 7 inches, for use as offices, as stated in petition; No. 69 Wall street and Nos. 89 and 91 Beaver street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Plan 46, New Buildings, 1897—E. E. Dexter, petitioner—To allow the erection of two pent houses on roof, as per drawings marked A and B, consisting of corrugated iron on roof and sides and angle iron frames, as stated in petition; northwest corner of Central Park, West, and One Hundred and Second street. For reconsideration; reconsidered and approved, on condition that iron beams filled in with concrete are used, and subject to the approval of the construction by the Superintendent of Buildings. Superintendent and Mr. Dobbs voting no.

Plan 988, Alterations to Buildings, 1897—George Hoffman, petitioner—To allow building to be used for store and office purposes, without altering floor beams, as stated in petition; No. 36 West Twenty-eighth street. Laid over.

Plan 825, New Buildings, 1897—Horace E. Gest, petitioner—To allow the erection of an iron

structure for the purpose of covering in and protecting machinery from the weather, as stated in petition; west side Twelfth avenue, 78 feet north of Fifty-eighth street. Approved, subject to the approval of the construction by the Superintendent of Buildings.

Slip Application 2288, 1897—Henry Andrus, Jr., petitioner—To allow the erection of wooden lumber shed 30 feet high and 200 feet long, as shown on diagram, and as stated in petition; south side of One Hundred and First street, 50 feet from Harlem river. Referred to Mr. Bonner for examination and report.

Samuel Sass, petitioner—For exemption from fireproof shutters on front gable wall of second to seventh stories; No. 74 Monroe street. Petition granted.

Joel S. Mason, petitioner—For exemption from fireproof shutters on rear or westerly wall of building; Nos. 392 to 396 Madison street. Petition granted on recommendation of Mr. Bonner.

John H. Friend, petitioner—For exemption from fireproof shutters on all windows above first story; No. 18 Suffolk street. Laid over.

Estate of Moritz Cohn, petitioners—For exemption from fireproof shutters on windows and openings on the south, east and west walls above first story; Nos. 212 to 232 West Twenty-sixth street. Petition granted on recommendation of Mr. Bonner.

Plan 284, New Buildings, 1896—Davies, Stone & Auerbach, petitioners—To allow the omission of shutters on windows of rear and easterly walls; Nos. 5 to 9 West Twenty-ninth street. Rear of wing must be provided with fire-proof shutters, on recommendation of Mr. O'Reilly and Mr. Bonner.

Jeremiah C. Lyons, petitioner—For exemption from fireproof shutters on first and second stories of extension; south side of One Hundred and Thirty-fifth street, 360 feet east of Lenox avenue. Laid over for examination and report.

On motion, the Board then adjourned, 4.30 P. M.

WILLIAM H. CLASS, Clerk to Board.

APPROVED PAPERS.

Resolved, That two additional lamps be placed in front of the Chapel of the General Theological Seminary on Ninth avenue, between Twentieth and Twenty-first streets, be lighted under the direction of the Commissioner of Public Works.

Adopted by the Board of Aldermen, November 4, 1897. Approved by the Mayor, November 16, 1897.

Resolved, That permission be and the same is hereby given to John P. Leo to erect, place and keep a stoop in front of the premises, on the southwest corner of One Hundred and Eighty-seventh street and Audubon avenue, provided said stoop does not exceed the dimensions prescribed by law and shown upon the accompanying diagram, the work to be done at his own expense, under the direction of the Commissioner of Public Works; such permission to continue only during the pleasure of the Common Council.

Adopted by the Board of Aldermen, November 4, 1897. Approved by the Mayor, November 16, 1897.

Resolved, That permission be and the same is hereby given to the Woman's Association of Christ Congregational Church, Topping avenue and One Hundred and Seventy-fifth street, to place transparencies on the following lamp-posts: Corner One Hundred and Seventy-fifth street and Topping street, and northwest corner Tremont avenue and Vanderbilt avenue, East, the work to be done at its own expense, under the direction of the Commissioner of Public Works; such permission to continue only from November 9, 1897, to November 23, 1897.

Adopted by the Board of Aldermen, November 4, 1897. Approved by the Mayor, November 16, 1897.

ALDERMANIC COMMITTEES.

RAILROADS—The Committee on Railroads will hold a public meeting on Wednesday, December 1, 1897, at 2 o'clock P. M., in Room 16, City Hall, "to consider Amsterdam avenue matter."

LAW DEPARTMENT—The Committee on Law Department will hold a public hearing in relation to Truck-drivers' Badges in Room 16, City Hall, on Monday, November 29, 1897, at 2 P. M.

RAILROADS—The Railroad Committee will hold a meeting on every Monday, at 2 o'clock P. M., in Room 13, City Hall.

WM. H. TEN EYCK, Clerk, Common Council.

OFFICIAL DIRECTORY.

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

EXECUTIVE DEPARTMENT.

Mayor's Office.
No. 6 City Hall, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

WILLIAM L. STRONG, Mayor.

Bureau of Licenses.

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

EDWARD H. HEALY, Marshal.

AQUEDUCT COMMISSIONERS.

Room 209, Stewart Building, 5th floor, 9 A. M. to 4 P. M.
JAMES C. DUANE, President; JOHN J. TUCKER; H. W. CANNON, GEORGE WALTON GREEN, and THE MAYOR, COMPTROLLER and COMMISSIONER OF PUBLIC WORKS, ex officio, Commissioners; EDWARD L. ALLEN, Secretary, A. FTELEY, Chief Engineer.

BOARD OF ARMY COMMISSIONERS.

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

COMMISSIONERS OF ACCOUNTS.

Rooms 114 and 115, Stewart Building, 9 A. M. to 4 P. M.
SETH SPRAGUE TERRY and RODNEY S. DENNIS.

COMMON COUNCIL.

Office of Clerk of Common Council.
No. 8 City Hall, 9 A. M. to 4 P. M.
JOHN JEROLMAN, President Board of Aldermen.
WILLIAM H. TEN EYCK, Clerk Common Council.

DEPARTMENT OF PUBLIC WORKS.

No. 150 Nassau street, 9 A. M. to 4 P. M.
CHARLES H. T. COLLIS, Commissioner; HOWARD PAYSON WILDS, Deputy Commissioner (17th Floor).
HENRY DUMSE, Chief Clerk (17th Floor).
GEORGE W. BIRDSALL, Chief Engineer (17th Floor); COLUMBUS O. JOHNSON, Water Register (1st Floor); HORACE LOOMIS, Engineer in Charge of Sewers (17th Floor); JOHN C. GRAHAM, Superintendent of Repairs and Supplies (17th Floor); CHARLES W. BARNEY, Water Purveyor (Basement); STEPHEN MCCORMICK, Superintendent of Lamps and Gas (2nd Floor); WILLIAM HENKEL, Superintendent of Incumbrances (Basement); EDWARD P. NORTH, Consulting Engineer and in charge of Street Improvements (17th Floor).

DEPARTMENT OF BUILDINGS.

No. 220 Fourth avenue, corner of Eighteenth street, 9 A. M. to 4 P. M.
STEVENSON CONSTABLE, Superintendent.

DEPARTMENT OF STREET IMPROVEMENTS.

TWENTY-THIRD AND TWENTY-FOURTH WARDS.
Corner One Hundred and Seventy-seventh street and Third avenue. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

LOUIS F. HAFEN, Commissioner; JACOB SEABOLD, Deputy Commissioner; JOSEPH P. HENNESSY, Secretary.

FINANCE DEPARTMENT.

Comptroller's Office.
No. 15 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
ASHBEL P. FITCH, Comptroller; WILLIAM J. LYON, Deputy Comptroller; EDGAR J. LEVEY, Assistant Deputy Comptroller.

Auditing Bureau.

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

JOHN F. GOULDSBURY, First Auditor.

FRED'K L. W. SCHAFFNER, Second Auditor.

FRED'K J. BRETTMAN, Third Auditor.

Bureau for the Collection of Assessments and Arrears of Taxes and Assessments and of Water Rents.
Nos. 31, 33, 35, 37 and 39 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

EDWARD GLON, Collector of Assessments and Clerk of Arrears.

No money received after 2 P. M.

Bureau for the Collection of City Revenue and of Markets.

Nos. 1 and 3 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

DAVID O'BRIEN, Collector of the City Revenue and Superintendent of Markets.

No money received after 2 P. M.

Bureau for the Collection of Taxes.
No. 57 Chambers street and No. 35 Reade street, Stewart Building 9 A. M. to 4 P. M.

DAVID E. AUSTEN, Receiver of Taxes; JOHN J. McDONOUGH, Deputy Receiver of Taxes.

No money received after 2 P. M.

Bureau of the City Chamberlain.
Nos. 25 and 27 Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.

ANSON G. MCCOOK, City Chamberlain.

Office of the City Paymaster.
No. 33 Reade street, Stewart Building, 9 A. M. to 4 P. M.

JOHN H. TIMMERMAN, City Paymaster.

PUBLIC ADMINISTRATOR.

No. 119 Nassau street, 9 A. M. to 4 P. M.

WILLIAM M. HOES, Public Administrator.

LAW DEPARTMENT.

Office of the Counsel to the Corporation.
Staats-Zeitung Building, 3d and 4th floors, 9 A. M. to 5 P. M.; Saturdays, 9 A. M. to 12 M.

FRANCIS M. SCOTT, Counsel to the Corporation.

ANDREW T. CAMPBELL, Chief Clerk.

Office of the Corporation Attorney.
No. 119 Nassau street, 9 A. M. to 4 P. M.

GEORGE W. LYON, Corporation Attorney.

Office of Attorney for Collection of Arrears of Personal Taxes.
Stewart Building, Broadway and Chambers street, 9 A. M. to 4 P. M.

ROBERT GRIER MONROE, Attorney.

MICHAEL J. DOUGHERTY, Clerk.

Bureau of Street Openings.
Nos. 90 and 92 West Broadway.

JOHN P. DUNN and HENRY DE FOREST BALDWIN, Assistants to the Counsel to the Corporation.

POLICE DEPARTMENT.

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

FRANK MOSS, President; AVERY D. ANDREWS, GEORGE MOORE SMITH and ANDREW D. PARKER, Commissioners; WILLIAM H. KIPP, Chief Clerk; T. F. RODENBROUGH, Chief of Bureau of Elections.

BOARD OF EDUCATION.

No. 146 Grand street, corner of Elm street.

CHARLES BULKLEY HUBBELL, President; ARTHUR McMULLIN, Clerk.

DEPARTMENT OF CHARITIES.

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

STEPHEN SMITH, M. D., President; JOHN P. FAURE and JAMES R. O'BEIRNE, Commissioners; H. G. WEAVER, Secretary.

Purchasing Agent, GEO. W. WANMAKER; W. A. PRICE, General Bookkeeper and Auditor. Office hours, 9 A. M. to 4 P. M.; Saturdays, 12 M.

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

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

DEPARTMENT OF CORRECTION.

Central Office.
No. 148 East Twentieth street, 9 A. M. to 4 P. M.

ROBERT J. WRIGHT, Commissioner; ARTHUR PHILLIPS, Secretary; CHARLES BENN, General Bookkeeper and Auditor.

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.
JAMES R. SHEFFIELD, President; O. H. LA GRANGE and THOMAS STURGIS, Commissioners; CARL JUSSEN, Secretary.

HUGH BONNER, Chief of Department. GEO. E. MURRAY, Inspector of Combustibles; JAMES MITCHELL, Fire Marshal; WM. L. FINDLEY, Attorney to Department; J. ELLIOT SMITH, Superintendent of Fire Alarm Telegraph.
Central Office open at all hours.

HEALTH DEPARTMENT.
New Criminal Court Building, Centre street, 9 A. M. to 4 P. M.
CHARLES C. WILSON, President, and GEORGE B. FOWLER, M. D., the PRESIDENT OF THE POLICE BOARD, ex officio, and the HEALTH OFFICER OF THE PORT, ex officio, Commissioners; EDMONDS CLARK, Secretary.

DEPARTMENT OF PUBLIC PARKS.
Arsenal Building, Central Park, 9 A. M. to 4 P. M.; Saturdays, 12 M.
SAMUEL McMILLAN, President; S. V. R. CRUGER, SMITH ELY and EDWARD MITCHELL, Commissioners; WILLIAM LEARY, Secretary.

DEPARTMENT OF DOCKS.
Battery, Pier A, North river.
EDWARD C. O'BRIEN, President; EDWIN EINSTEIN and JOHN MONKS, Commissioners; GEORGE S. TERRY, Secretary.
Office hours, 9 A. M. to 4 P. M.

DEPARTMENT OF TAXES AND ASSESSMENTS.
Stewart Building, 9 A. M. to 4 P. M.; Saturdays, 12 M.
EDWARD P. BARKER, President; JAMES L. WELLS and THEO. SUTRO, Commissioners; C. ROCKLAND TYNG, Secretary.

BOARD OF ELECTRICAL CONTROL.
No. 1262 Broadway.
HENRY S. KEARNEY, JACOB HESS, and THOMAS L. HAMILTON, and THE MAYOR, ex officio, Commissioners.

DEPARTMENT OF STREET CLEANING.
No. 32 Chambers street. Office hours, 9 A. M. to 4 P. M.
GEORGE E. WARING, Jr., Commissioner; F. H. GIBSON, Deputy Commissioner; THOS. A. DOE, Chief Clerk.

CIVIL SERVICE SUPERVISORY AND EXAMINING BOARDS.
Criminal Court Building, Centre street, between Franklin and White streets, 9 A. M. to 4 P. M.
EVERETT P. WHEELER, WILLIAM JAY SCHEFFELIN, W. BAYARD CUTTING, C. W. WATSON and J. VAN VECHTEN OLCOFF, Members of the Supervisory Board; FREDERICK G. IRELAND, Chief Examiner; S. WILLIAM BRISCOE, Secretary.

BOARD OF ESTIMATE AND APPORTIONMENT.
The Mayor, Chairman; E. P. BARKER (President, Department of Taxes and Assessments), Secretary; the COMPTROLLER, PRESIDENT OF THE BOARD OF ALDERMEN, and the COUNSEL TO THE CORPORATION, Members; CHARLES V. ADER, Clerk.
Office of Clerk, Department of Taxes and Assessments, Stewart Building.

BOARD OF ASSESSORS.
Office, 27 Chambers street, 9 A. M. to 4 P. M.
THOMAS J. RUSH, Chairman; P. M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Assessors; WM. H. JASPER, Secretary.

SHERIFF'S OFFICE.
Old "Brown Stone Building," No. 32 Chambers street, 9 A. M. to 4 P. M.
EDWARD J. H. TAMSEN, Sheriff; HENRY H. SHERMAN, Under Sheriff.

REGISTER'S OFFICE.
East side City Hall Park, 9 A. M. to 4 P. M.
WILLIAM SOMMER, Register; JOHN VON GLAHN, Deputy Register.

COMMISSIONER OF JURORS.
Room 127, Stewart Building, Chambers street and Broadway, 9 A. M. to 4 P. M.
WILLIAM FLEMING, Commissioner; P. H. DUNN, Deputy Commissioner.

SPECIAL COMMISSIONER OF JURORS.
No. 111 Fifth avenue.
H. W. GRAY, Commissioner.

N. Y. 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.
HENRY D. PURROY, County Clerk; P. J. SCULLY, Deputy County Clerk.

DISTRICT ATTORNEY'S OFFICE.
New Criminal Court Building, Centre Street, 9 A. M. to 4 P. M.
W. M. K. OLCOTT, District Attorney; HENRY W. UNGER, Chief Clerk.

THE CITY RECORD OFFICE.
And Bureau of Printing, Stationery and Blank Books
No. 2 City Hall, 9 A. M. to 5 P. M., except Saturdays on which days 9 A. M. to 12 M.
JOHN A. SLEICHER, Supervisor; THOMAS C. COWELL, Deputy Supervisor and Accountant; HENRY McMILLAN, Deputy Supervisor and Expert.

EXAMINING BOARD OF PLUMBERS.
No. 32 Chambers street.
JOHN YULE, Chairman; JAMES M. MORROW, Secretary; JAMES P. KNIGHT, Treasurer.
Meets every Thursday, at 2 P. M. Office, No. 220 Fourth avenue, sixth floor.

CORONERS' OFFICE.
New Criminal Court Building, Centre street, open constantly.
EDWARD T. FITZPATRICK, WILLIAM H. DOBBS, EMIL W. HOBBER and THOMAS K. TUTTILL, Coroners; EDWARD F. REYNOLDS, Clerk of the Board of Coroners.

SURROGATES' COURT.
New County Court-house, Court opens at 10:30 A. M.; adjourns 4 P. M.
FRANK T. FITZGERALD and JOHN H. V. ARNOLD, Surrogates; WILLIAM V. LEARY, Chief Clerk.

APPELLATE DIVISION, SUPREME COURT.
Court-house, No. 111 Fifth avenue, corner Eighteenth street. Court opens at 1 P. M.
CHARLES H. VAN BRUNT, Presiding Justice; GEORGE C. BARRETT, PARDON C. WILLIAMS, EDWARD PATTERSON, MORGAN J. O'BRIEN, GEORGE L. INGRAHAM, WILLIAM RUSSEY, Justices. ALFRED WAGSTAFF, Clerk; WM. LAMB, Jr., Deputy Clerk.

SUPREME COURT.
County Court-house, 10:30 A. M. to 4 P. M.
Special Term, Part I., Room No. 12.
Special Term, Part II., Room No. 15.
Special Term, Part III., Room No. 17.
Special Term, Part IV., Room No. 19.
Special Term, Part V., Room No. 21.
Special Term, Part VI., Room No. 23.
Special Term, Part VII., Room No. 25.
Special Term, Part VIII., Room No. 27.
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. 19.
Trial Term, Part V., Room No. 20.
Trial Term, Part VI., Room No. 21.
Trial Term, Part VII., Room No. 22.
Trial Term, Part VIII., Room No. 23.
Trial Term, Part IX., Room No. 24.
Naturalization Bureau, Room No. 26.
Justices—ABRAHAM L. LAWRENCE, GEORGE P. ANDREWS, CHARLES H. TRUAX, CHARLES F. MACLEAN,

FREDERICK SMYTH, JOSEPH F. DALY, MILES BEACH ROGER PRYOR, LEONARD A. GEIGERICH, HENRY W. BOOKSTAYER, HENRY BISCHOFF, Jr., JOHN J. FRIEDMAN, JOHN SEDGWICK, P. HENRY DUGRO, DAVID McADAM, HENRY R. BECKMAN, HENRY A. GILDERSLEEVE; HENRY D. PURROY, Clerk.

COURT OF GENERAL SESSIONS.
New Criminal Court Building, Centre street. Court opens at 11 o'clock A. M.; adjourns 4 P. M.
JOHN W. GOFF, Recorder; JAMES FITZGERALD, REUBEN B. COVING, JOSEPH E. NEWBURGER and MARTIN T. McMAHON, Judges.
JOHN F. CARROLL, Clerk's Office, 10 A. M. to 4 P. M.

CITY COURT.
City Hall.
General Term, Room No. 20.
Trial Term, Part I., Room No. 20.
Part II., Room No. 21.
Part III., Room No. 15.
Part IV., Room No. 17.
Special Term Chambers will be held in Room No. 19, 10 A. M. to 4 P. M.
Clerk's Office, Room No. 10, City Hall, 9 A. M. to 4 P. M.
ROBERT A. VAN WYCK, Chief Justice; JAMES M. FITZSIMONS, JOHN H. MCCARTHY, LEWIS J. CONLAN, EDWARD F. O'DWYER and JOHN P. SCHUCHMAN, Justices; JOHN B. MCGOLDRICK, Clerk.

CRIMINAL DIVISION, SUPREME COURT.
New Criminal Court Building, Centre street. Court opens at 10:30 o'clock A. M.
JOHN F. CARROLL, Clerk; 10 A. M. to 4 P. M.

COURT OF SPECIAL SESSIONS.
New Criminal Court Building, Centre street, between Franklin and White streets, daily, from 9 A. M. to 4 P. M.; Saturday, 9 A. M. to 12 M.
Judges—ELIZABETH B. HINSDALE, WILLIAM TRAVERS JEROME, EPHRAIM A. JACO, JOHN HAYES, WILLIAM C. HOLBROOK.

DISTRICT CIVIL COURTS.
First District—Third, Fifth and Eighth Wards, and all that part of the First Ward lying west of Broadway and Whitehall street. Court-room, No. 32 Chambers street.
WALDOPE LYNN, Justice. MICHAEL C. MURPHY, Clerk. Clerk's Office open from 9 A. M. to 4 P. M.

Second District—Second, Fourth, Sixth and Fourteenth Wards, and all that portion of the First Ward lying south and east of Broadway and Whitehall street. Court-room, corner of Grand and Centre streets.
HERMANN BOLTE, Justice. FRANCIS MANGIN, Clerk. Clerk's Office open from 9 A. M. to 4 P. M.

Third District—Ninth and Fifteenth Wards. Court-room, southwest corner Sixth avenue and West Tenth street. Court open daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
WM. F. MOORE, Justice. DANIEL WILLIAMS, Clerk.

Fourth District—Tenth and Seventeenth Wards. Court-room, No. 30 First street, corner Second avenue. Court opens 9 A. M. daily, and remains open to close of business.
GEORGE F. ROESCH, Justice. JOHN E. LYNCH, Clerk.

Fifth District—Seventh, Eleventh and Thirteenth Wards. Court-room, No. 154 Clinton street.
HENRY M. GOLDFOOLE, Justice. JEREMIAH HAYES, Clerk.

Sixth District—Eighteenth and Twenty-first Wards. Court-room, northwest corner Twenty-third street and Second avenue. Court opens 9 A. M. daily, and continues open to close of business.
DANIEL F. MARTIN, Justice. 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.
JOHN B. MCKEAN, Justice. PATRICK McDAVITT, Clerk.

Eighth District—Sixteenth and Twentieth Wards. Court-room, northwest corner of Twenty-third street and Eighth avenue. Court opens at 9 A. M. and continues open to close of business.
Clerk's office open from 9 A. M. to 4 P. M. each Court day.

Ninth District—Twelfth Ward, except all that portion of the said ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 170 East One Hundred and Twenty-first street, southeast corner of Sylvan place. Court opens every morning at 9 o'clock (except Sundays and legal holidays), and continues open to close of business.
JOSEPH P. FALLON, Justice. WILLIAM J. KENNEDY, Clerk.

Tenth District—Twenty-third and Twenty-fourth Wards. Court-room, corner of Third avenue and One Hundred and Fifty-eighth street.
Office hours from 9 A. M. to 4 P. M. Court opens at 9 A. M.
WILLIAM G. MCCREA, Justice. WM. H. GERMAINE, Clerk.

Eleventh District—Twenty-second Ward, and all that portion of the Twelfth Ward which is bounded on the north by the centre line of One Hundred and Tenth street, on the south by the centre line of Eighty-sixth street, on the east by the centre line of Sixth avenue, and on the west by the North river. Court-room, No. 919 Eighth avenue. Court opens daily (Sundays and legal holidays excepted) from 9 A. M. to 4 P. M.
JAMES A. O'GORMAN, Justice. JAMES J. GALLIGAN, Clerk.

Twelfth District—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by chapter 934 of the Laws of 1895, comprising all of the late Town of Westchester and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main street, Westchester Village. Court opens daily (Sundays and legal holidays excepted), from 9 A. M. to 4 P. M.

Thirteenth District—Northern part of Twelfth Ward. Court-room, corner of One Hundred and Twenty-sixth street and Columbus avenue. Court opens daily (Sundays and legal holidays excepted), from 10 A. M. to 4 P. M.
JAMES P. DAVENPORT, Justice. ADOLPH N. DUMAHANT, Clerk.

CITY MAGISTRATES' COURTS.
City Magistrate—HENRY A. BRANN, ROBERT C. CORNELL, LEROY B. CRANE, JOSEPH M. DEUEL, CHARLES A. FLAMMER, JOE E. HIGGINS, HERMAN C. KUDLICH, CLARENCE W. MEADE, JOHN O. MOTT, JOSEPH POOL, CHARLES E. SIMMS, JR., THOMAS F. WENTWORTH.
EBEN DEMAREST, 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.

OFFICIAL PAPERS.
MORNING—"NEW YORK PRESS," "NEW YORK TRIBUNE."
Evening—"Mail and Express," "News," "Weekly," "Leslie's Weekly," "Weekly Union," "German," "Staats-Zeitung."
JOHN A. SLEICHER, Supervisor.

DEPT. OF PUBLIC CHARITIES.

DEPARTMENT OF PUBLIC CHARITIES, No. 166 THIRD AVENUE, NEW YORK, November 27, 1897.

PROPOSALS FOR HOSPITAL SUPPLIES FOR
the Department of Public Charities for 1898. Sealed bids or estimates for furnishing the following Hospital Supplies will be received at the Department of Public Charities, No. 166 Third avenue, in the City of New York, until 10 o'clock A. M. of Friday, December 10, 1897. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bids for Hospital Supplies," 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, or his duly authorized agent, of said Department and read.

1. FOUR MONTHS' CONTRACT ARTICLES.
TO BE DELIVERED IN INSTALLMENTS DURING THE FIRST FOUR MONTHS OF 1898, AS REQUIRED.

ALL PACKAGES DELIVERED UNDER THIS
heading must bear the original labels and marks of the manufacturer.

12 lbs. Ammonium Bromide, 1 lb. b.; 125 lbs. Potassium Bromide, gran., 1 lb. box; 110 lbs. Sodium Bromide, 1 lb. b.; 125 lbs. Bismuth Subnitrate, 1 lb. c.; 5 lbs. Ammonium Iodide, 1 lb. b.; 275 lbs. Potassium Iodide, 1 lb. b.; 5 lbs. Sodium Iodide, 1 lb. b.; 125 lbs. Iodoform, powdered, 1 lb. b.; 5 lbs. Iodine, resublimed, 5 lb. b.; 98 lbs. Syrup Iodine of Iron, 7 lb. b.; 8 lbs. Mercury, Ammoniated, 1 lb. c.; 50 lbs. Mercury, Mild Chloride (Calomel), 1 lb. c.; 150 lbs. Mercury, Chloride, cryst., 1 lb. box; 30 oz. Cocaine Hydrochloride, anhyd. cryst., 1/2 oz. v.; 30 oz. Morphine Sulphate, 1/2 oz. v.

2. SIX MONTHS' CONTRACT ARTICLES.
TO BE DELIVERED IN INSTALLMENTS DURING THE FIRST SIX MONTHS OF 1898, AS REQUIRED.

Bids for any article in this list will be accepted only from such persons or firms as are known in the drug trade to be manufacturers of the articles they bid on, or wholesale druggists, or importers of drugs or chemicals, and who are engaged in business in the territory of Greater New York.

A.—Drugs, General.

2 lbs. Acid Carbolic, crude, at least 90 per cent., ab. 50 g. each; 20 lbs. Alcohol, liquid, 5 lb. b.; 2 lbs. Allspice, powd., 1 lb. b.; 12 lbs. Aloes, Socotrine, powd., 1 lb. b.; 5 lbs. Balsam, Canada, 1 lb. b.; 240 lbs. Balsam, Capiba, Cent. Amer., or p.; 270 lbs. Balsam, Peru, orig. drums; 25 lbs. Bark, Cassia, No. 30 powd., box; 100 lbs. Bark, Cinchona, Red, U. S. P., No. 30 powd., box; 100 lbs. Bark, Quillaia, No. 20 powd., pap.; 25 lbs. Bark, Sassafras, No. 30 powd., box; 100 lbs. Bark, Wild Cherry, No. 20 powd., keg; 3 g. Bay Rum, import, demi; 10 g. Benzoin, 5 g. cans; 100 lbs. Borax, powd., bbls.; 30 lbs. Boroglyceride, 50 per cent., 1 lb. b.; 10 lbs. Butter Cacao, Baker, 1 lb. p.; 35 lbs. Broom Tops (Scoparius), cut, bag; 1 lb. Cantharides, powd., tin; 25 lbs. Capsicum, No. 40 powd., box; 20 gro. Capsules, empty, P. & C., var. sizes; 50 lbs. Ceresin, yellow, pap.; 25 lbs. Chalk, prepared, pap.; 20 lbs. Charcoal, Willow, powd., 1 lb. c.; 10 lbs. Cloves, powd., pap.; 25 lbs. Cubebs, No. 30 powd., box; 1 doz. Extract Beef, Armour, 1 lb. jars; 25 lbs. Extract Licorice, powd., pap.; 25 lbs. Flowers Arnica, No. 30 powd., box; 10 lbs. Flowers Calendula, pap.; 12 lbs. Gelatin, "Silver," orig. p.; 4 lbs. Gelatin, Cooper's, shred, 2 ozs.; 16 lbs. Glue, A Extra, pap.; 1,600 lbs. Glycerin, pure medicinal, U. S. P., in barrels holding ab. 400 lbs.; 2,000 lbs. Glycerin, pure medicinal, U. S. P., in 5 gall. hinge-cover box cans (Garrison's pattern); 10 lbs. Glycerite Bone Marrow, Armour's, 1 lb. b.; 100 lbs. Gum Arabic, II., 50 lb. box; 25 lbs. Gum Arabic, II., powd., box; 5 lbs. Gum Asafoetida, prime, tin; 10 lbs. Gum Benzoin, prime, mottled, pap.; 250 lbs. Gum Camphor, refined, squares, 4 lb. p.; 25 lbs. Gum Catechu, refined, Wells, Richardson & Co., 1 lb. c.; 5 lbs. Gum Guaiac, pap.; 30 lbs. Gum Myrrh, prime, pap.; 4 lbs. Gum Myrrh, powd., pap.; 60 lbs. Gum Opium, prime Smyrna, pap.; 3 lbs. Gum Opium, powd., U. S. P. assay, 1 box b.; 3,000 lbs. Hydrogen Peroxide Solution, medicinal (U. S. P.), not falling below "10 volume," within 4 weeks after delivery, in 1 lb. amber bottles, packed 25 in a case; 10 lbs. Hydrogen Peroxide Solution, 15 volumes, Marchand's 1 lb. b.; 6 doz. Hydrozone, Marchand's, 4 oz. b.; 2 doz. Imperial Granum, large; 5 lbs. Insect Powder, Dalmat., 1 tin; 200 lbs. Iron Sulphate (Copperas), 100 lb. kegs; 2 doz. Lactopeptine, orig. p.; 20 lbs. Lanolin, 1 lb. tins; 200 lbs. Lard, pure, fresh, 10 lb. tins; 50 lbs. Leaves, Belladonna, No. 60 powd., 25 lb. box; 25 lbs. Leaves, Digitalis, Germ., No. 60 powd., box; 25 lbs. Leaves, Digitalis, Germ., pressed, 1 oz.; 50 lbs. Leaves, Hyoscyamus, No. 60 powd., 25 lb. box; 200 lbs. Leaves, Tobacco, whole (1 Infusion), in hands, in box; 100 Leeches, best Swedish; 100 lbs. Lime, Chlorinated, not under 35 per cent., 10 lb. cans; 10 lbs. Litharge, pap.; 20 lbs. Lycopodium, pap.; 6 d. Lysol, orig. p.; 5 lbs. Magnesium Carbonate, K. & M., 2 oz.; 10 g. Maltine (Maltine Mfg. Co.), 5 g. cans; 4 lbs. Mercury Oleate, 10 per cent., 1 lb. jars; 5 lbs. Moss, Irish, bleached, bag; 50 lbs. Naphthalin, commerce, balls, box; 5 lbs. Nutgalls, powd., pap.; 10 lbs. Nutmegs, pap.; 5 lbs. Oil, Almond, expressed (sweet), 1 lb. b.; 20 lbs. Oil, Almond, 740 lbs. Oil, Castor, "crystal," 40 lb. cans; 20 g. Oil Cotton Seed, refined, 10 g. cans; 40 lb. Oil, Croton, 1 lb. b.; 40 g. Oil, Linseed, bbl.; 4 g. Oil, Olive, Lucina, 1 g. tins; 100 g. Oil, Olive, "Malaga," yellow, bbls.; 1/2 lb. Oil, Almond, Bitter, pure; 6 lbs. Oil, Anise, concent. (Anethol), 1 lb. b.; 1 lb. Oil, Anise, Saxon, 1 lb. b.; 2 bott. Oil, Bay, pure, 22 oz. each b.; 2 lbs. Oil, Bergamot, at least 38 per cent. ester, 1 lb. b.; 5 lbs. Oil, Cassia, at least 85 per cent. cinnamic aldehyde, 5 lb. tin; 1 lb. Oil, Cedar, f. microscope, 1 lb. b.; 3 lbs. Oil, Cloves, 1 lb. b.; 25 lbs. Oil, Cod Liver (30 g. each), pure Norwegian, non-freezing Loden, in original packages, directly out of bond, in lots of not less than 10 bbls. at a time; 1/2 lb. Oil, Coriander, 1/2 lb. b.; 3 lbs. Oil, Eucalyptus Glob., rect., 1 lb. b.; 1/2 lb. Oil, Fennel, 1/2 lb. b.; 100 lbs. Oil, Gaultheria, synthetic, pure, spec. grav. 1.180; 25 lb. tins; 1 lb. Oil, Lavender, French, cultiv., 1 or tin; 10 lbs. Oil, Lemon, hand-pressed, 5 lb. b.; 1/2 lb. Oil, Nutmeg, essent., 1/2 lb. b.; 2 lbs. Oil, Orange, Bitter, hand-pressed, 1 lb. b.; 20 lbs. Oil, Peppermint, rect., pure, 5 lb. or tins; 10 lbs. Oil, Pine Needles (Pinus Sylvestris), 5 lb. tins; 1 oz. Oil, Rose, German, F. Bros., orig. v.; 5 lbs. Oil, Rosemary, French, ext., 5 lb. b.; 6 lbs. Oil, Santal, E. I., 24 oz. lb.; 5 lbs. Oil, Sassafras, pure, natural, 5 lb. b.; 30 lbs. Oil, Spike, pure, 5 lb. b.; 28 lbs. Oil, Thyme, Red I, pure, orig. tin; 50 g. Oil, Turpentine, refined, 10 g. can; 3 lbs. Oil, Vine, heavy 1 lb. b.; 3 lbs. Oleoresin Male Fern, 1 lb. orig. b.; 150 lbs. Orange Peel, Bitter, No. 30 powd., 50 lb. box; 30 lbs. Oxgall, inspissated 7 parts of fresh concentrated to 1 part, 10 lb. jars; 30 ozs. Pancreatin, U. S. P., 1 oz. b.; 300 sheets Paper, Litmus, blue and red, 10 x 10; 4 lbs. Pepper, black, ground, 1-lb. tins; 2 lbs. Peppermint Herb, pressed, ozs.; 4 doz. Pepsin, Essence of, F. Bros. & F., 8 ozs.; 4 lbs. Pepsin, pure, powd., F. Bros. & F., 1 lb. or b.; 4 lbs. Pepsin, pure, Webber's, 1 lb. orig. b.; 10 bott. Peptonyne Tablets, 5 gr., orig. b. of 500; 1,000 lbs. Petrolatum, U. S. P., pale-yellow, in 25 lb. cans or tubs; 1,000 lbs. Petrolatum, pale-y., in 50 lb. cans or tubs; 6 kil. Pills, Mercury, Potiodide, G.-L., 0.01 gm., 1 kilo. or b.; 10 bbls. Plaster of Paris, French's Dentists' Impression Plaster, to be sent (as ordered) in lots of 2 bbls., fresh, direct from maker in Philadelphia, all charges paid; 6 doz. Protonuclein, powd., R. & C., 1 oz.; 16 oz. Resin Podophyllum, U. S. P., 1 oz. p.; 12 kil. Root Aconite, No. 20 powd., Squibb, orig. p.; 25 lbs. Root, Colombo, No. 20 powd., box; 200 lbs. Root, Gentian, No. 20 powd., box; 10 lbs. Root, Jalap, No. 60 powd., pap.; 5 lbs. Root, Krameria, powd., pap.; 300 lbs. Root, Licorice, Russ., No. 40 powd., 100 lb. kegs; 300 lbs. Root, Rhubarb, Shensi, No. 30 powd., 100 lb. kegs; 100 lbs. Root, Sarsaparilla, Hond., No. 30 powd., keg; 400 lbs. Root, Senega, No. 40 powd., 100 lb. kegs; 25 lbs. Root, Serpentina, No. 60 powd., box; 400 lbs. Root, Squill, No. 20 powd., to be delivered fresh from mill in 100 lb. tins; 16 oz. Root, Squill, powd., 1 oz. tins or v.; 150 lbs. Root, Triticum, cut, bags; 25 lbs. Root,

Valerian, Germ., No. 60 powd., box; 25 lbs. Salts, Thermal, German, artif., box; 2 kil. Seed, Cardamom, powd., Squibb, 2 kil. or p.; 10 lbs. Seed, Coriander, No. 30 powd., pap.; 25 lbs. Seed, Flax, whole, pap.; 12 bbls. Seed, Flax, ground, U. S. P., ab. 225 lbs. each; 50 lbs. Seed, Mustard, yellow, pure, grd., box; 5,000 lbs. Soap, Green, (Sapo Mollis, U. S. P.) free from added impurities, in kegs; 1 lb. Soap, Powdered, U. S. P., 1 lb. tin; 10 kegs Sodium Bicarbonate, U. S. P., ab. 112 lbs. each; 75 g. Solution Iron Peptomanganate, Dieterich, 5 g. demij.; 3 doz. Solution Iron Peptomanganate, Gude, orig. b.; 5 lbs. Solution Glonoin, 10 (ten) per cent., 1 lb. tins; 5 lbs. Storax, U. S. P., tin; 300 lbs. Sugar, powd., confectioner's best, 1/2 bbls.; 10 lbs. Sulphur, Precipitated, pap.; 3,000 lbs. Sulphur, roll, 100 lb. kegs; 100 lbs. Sulphur, washed, keg; 3 doz. Suppositories, Glycerin, U. S. P.; 50 lbs. Talcum, powd., pap.; 20 lbs. Tar, North Carolina, 1 lb. tins; 8 oz. Thyroids, Desiccated, 1 oz. orig. p.; 3 doz. b. Thyroid Tablets, 5 gr., B. W. & Co., orig. b. of 100; 1 lb. Troches Potassium Chlorate, U. S. P., 1 lb. b.; 10 v. Tuberculin, Koch's new, 1 Cc. orig. v.; 400 lbs. Vaseline, yellow, 5 lb. cans; 1 case Water, Aparenta (50 qts.), 2 cases Water, Bethesda (50 qts. each); 1 case Water, Hunyadi Janos (50 qts.); 10 galls. Water, Poland (2 doz., 1/2 gall. each); 10 gall. Water, Witechalk, 5 g. kegs; 20 lbs. Wax, white, pap.; 20 lbs. Wax, yellow, pap.; 10 lbs. Wood, Quassia, No. 20 powd., pap.; 25 lbs. Wood, Red Saunders, No. 20 powd., box; 300 oz. Zinc Stearate Co., McK. & R., 1 oz. b.

B.—Pharmaceuticals.
N. B.—Bids for any article in this list will be accepted only from such persons or firms as are known in the drug trade to be manufacturers of these products, and who are engaged in business in the territory of Greater New York.

All packages delivered under this heading must bear the original labels and marks of the manufacturer.

1 g. Fluid Ext. Belladonna Leaves, 1 g. b.; 5 lbs. Fluid Ext. Angelica Root, 1 lb. b.; 2 g. Fluid Ext. Buchu, 1 g. b.; 2 lbs. Fluid Ext. Calamus, 1 lb. b.; 1 lb. Fluid Ext. Cannabis Ind., 1 lb. b.; 30 g. Fluid Ext. Cascara (U. S. P.), 1 g. b.; 5 g. Fluid Ext. Coca, 1 g. b.; 2 g. Fluid Ext. Colchicum Seed, 1 g. b.; 1 lb. Fluid Ext. Coto, 1 lb. b.; 5 lbs. Fluid Ext. Cubebs, 1 lb. b.; 1 g. Fluid Ext. Digitalis, 1 g. b.; 6 lbs. Fluid Ext. Elecampane, 1 lb. b.; 4 g. Fluid Ext. Ergot, 1 g. b.; 2 lbs. Fluid Ext. Eucel, 1 lb. b.; 5 lbs. Fluid Ext. Gentian, 1 lb. b.; 2 g. Fluid Ext. Grindeli Rob., 1 g. b.; 4 lbs. Fluid Ext. Hydrastis, 1 lb. b.; 4 g. Fluid Ext. Ipecac, 1 g. b.; 1 g. Fluid Ext. Kava, 1 g. b.; 1 g. Fluid Ext. Orange Bitter, 1 g. b.; 1 g. Fluid Ext. Sarsaparilla (Simple), 1 g. b.; 2 g. Fluid Ext. Viburnum Prunifol., 1 g. b.; 4 oz. Powd. Ext. Aconite, 1 oz. v.; 12 oz. Powd. Ext. Aloes, 1 oz. v.; 12 oz. Powd. Ext. Belladonna Leaves, 1 oz. v.; 4 oz. Powd. Ext. Colocynth, 1 oz. v.; 4 oz. Powd. Ext. Colocynth Co., 1 oz. v.; 12 oz. Powd. Ext. Hyoscyamus, 1 oz. v.; 9 lbs. Powd. Ext. Nux Vomica, U. S. P. assay, 1 lb. b.; 16 oz. Powd. Ext. Nux Vomica, U. S. P. assay, 1 oz. v.; 4 oz. Powd. Ext. Opium, U. S. P. assay, 1 oz. v.; 40,000 Pills Aloin, Belladonna and Strychnine No. 3, 500 in b.; 1,500 Pills Asafoetida, U. S. P., 500 in b.; 15,000 Pills Calcium Sulphide, 1/2 gr., 1,000 Pills Calcium Sulphide, 1 gr.; 70 lbs. Pills Compound Cathartic, U. S. P.; 1 lb. b.; 1,000 Pills Glonoin 150 gr. 500 in b.; 3,000 Pills Quinine Sulphate, 1 gr., 1,000 in b.; 20,000 Pills Quinine Sulphate, 2 gr., 1,000 in b.; 25,000 Pills Quinine Sulphate, 3 gr., 1,000 in b.; 35,000 Pills Quinine Sulphate, 2 gr., 1,000 in b.; 20,000 Pills Salol, 5 gr., 500 in b.; 1,000 Pills Silver Nitrate, 1/4 gr., 500 in b.; 4,000 Pills Warburg (1 dram), 500 in b. N. B.—All Pills are understood to be coated. Any of the approved, commercial, "soluble," "friable" or "gelatine-coated" pills, but none that are sugar-coated, will be accepted. 10 lbs. Tinct. Strophanthus, 1 lb. b.; 40,000 Triturate Tablets Calomel, 1/2 gr.; 10,000 Triturate Tablets Calomel, 1/2 gr.; 7,000 Triturate Tablets Calomel, 1/2 gr.; 5,000 Triturate Tablets Calomel, 1 gr.; Other Pharmaceutical Preparations in small quantities at a time, such as are mentioned below in connection with each class, and as may be required in case of emergency: Fluid Extracts (1 to 4 lbs.); Solid Extracts (1/4 to 2 lbs.); Powdered Extracts (1 to 10 oz.); Coated Pills (1 to 10 bott. of 500); Triturate Tablets (1 to 10 bott. of 1,000); Compressed Tablets (1 to 5 bott. of 500); Tinctures (1 to 4 lbs.). As it is impossible to foresee every want, bidders will please inclose in separate sealed wrapper, marked on the outside like the bids, two copies of their regular printed price-lists and state thereon the discounts allowed. Homeopathic Preparations. N. B.—No bid for homeopathic preparations will be accepted from any one who is not known to be a manufacturer of these products recognized by the profession. Ab. 50 lbs. Ordinary Domestic Tinctures; ab. 30 lbs. Ordinary Imported Tinctures; ab. 1,000 oz. Ordinary Trit. Tablets, in boxes; ab. 500 oz. Ordinary Trit. Tablets, in gl.-st. bott. Special Trit. Tablets, in gl.-st. bott.; ab. 16 oz. Arsenic Iodide 2 x; ab. 8 oz. Codeine 1 x; ab. 4 oz. Hyosine Hydrobromate, 3 x; ab. 8 oz. Mercurius Dulcis 1 x; ab. 12 oz. Mercur. Solub. Hahnemannii, 1 x; ab. 4 oz. Morphine Sulph. 1 x; ab. 4 oz. Sanguinaria Nitr. 1 x; ab. 4 oz. Sparteine Sulph. 1 x; ab. 4 oz. Agaricin 1 x; ab. 4 oz. Platinum Chloride, 30 x; ab. 2 oz. Siphylinum, 200 x; ab. 4 oz. Santonin, 1 x; ab. 4 oz. Tuberculin 30 x. As it is impossible to foresee what other homeopathic preparations may be required in cases of emergency, bidders will please inclose in separate sealed wrapper, marked on the outside like the bids, two copies of their price-lists, giving net prices of their products, or stating the discounts allowed.

C.—Chemicals.
N. B.—Bids for any article in this list will be accepted only from such persons or firms as are known in the drug trade to be manufacturers or importers of, or wholesale dealers in, these articles.

All packages delivered under this heading must bear the original labels and marks of the manufacturing or other firm responsible for the quality of the contents.

30 lbs. Acetanilid, fine powd., 1 lb. c.; 32 kil. Acid, Acetic, 80 per cent. Squibb, 4 kil. b.; 1 lb. Acid, Arsenous, pure, Merck, 1 lb. b.; 8 lbs. Acid, Benzoic (fr. Toluol), 1 lb. c.; 750 lbs. Acid Boric, powd., bbls.; 10 kil.

U. S. F., 1 lb. b.; 30 lbs. Calcium Hypophosphite, pap.; 2 lbs. Calcium Lactate, 1 lb. b.; 25 lbs. Calcium Phosphate, Precip., 1 lb. b.; 1 lb. Camphor, Monobromated, 1 lb. b.; 6 oz. Celluloid, 1 oz. p.; 5 lbs. Cerium Oxalate, 1 lb. c.; 30 lbs. Chalk, Precipitated, pap.; 75 lbs. Chloral Hydrate, cryst., 1/2 lb. gl.-st. b.; 750 lbs. Chloroform, U. S. P., in 10 lb. screw cap cans; 40 kil. Chloroform, f. Anesthesia, Squibb, in 500 gm. b.; 50 oz. Chrysarobin, 1 oz. p.; 300 oz. Cinchonidine Sulph., 100 oz. cans; 50 oz. Codeine, 1/2 oz. v.; 3 gm. Colchicine, Merck, 1 gm. v.; 100 lbs. Colloidion, U. S. P., 1 lb. b.; 3 lbs. Copper Sulphate, gran., C. P., 1 lb. b.; 10 doz. Copper Sulphate Cones, 1 doz. in box; 150 lbs. Creolin, Pearson's 25 lb. p.; 75 lbs. Cresote, f. Beechwood Tar, U. S. P., 5 lb. b.; 30 lbs. Cresote, Carbonate, 1/2 lb. b.; 40 oz. Diuretin, 1 oz. p.; 15 gm. Elaterin, cryst., Merck, 5 gm. v.; 800 kil. Ether, for Anesthesia, Squibb; 75 lbs. Ether, Nitrous, Concent., 1 to 9, 1 lb. b.; 150 lbs. Ether, washed, 1 lb. tins; 1 kil. Ethyl Chloride, 10 gm. tubes; 100 lbs. Formaldehyde, 40 per cent., 50 lb. p.; 8 oz. Formaldehyde Gelatin, 1 oz. p.; 1 lb. Fuchsin, 1 lb. tin; 10 lbs. Guaiacol, liquid, 1 lb. b.; 6 oz. Guaiacol Carbonate, 1 oz. p.; 1 oz. Hamatoxylin, Merck, 1/2 oz. v.; 15 gm. Hyosine Hydrobromate, 1 gm. v.; 100 lbs. Ichthyol, 1 oz. v.; 35 lbs. Iron and Ammonium Citrate, 5 lb. tins; 3 lbs. Iron and Potassium Tartrate, 1 lb. b.; 6 lbs. Iron and Quinine Citrate, 1 lb. b.; 1 lb. Iron and Strychnine Citrate, 1 lb. b.; 10 Iron Chloride Solution, U. S. P., carbonyl; 15 lbs. Iron Phosphate, U. S. P., 1 lb. b.; 2 lbs. Iron, reduced, 80 per cent., U. S. P., 1 lb. b.; 10 lbs. Iron Subsulphate Solution, demij.; 6 lbs. Iron Sulphate, cryst., C. P., 1 lb. b.; 6 lbs. Iron Sulphate, dried, U. S. P., 1 lb. b.; 10 lbs. Iron Tersulphate Solution, demij.; 100 lbs. Lead Acetate, purified, gran., 1 lb. c.; 8 oz. Lithium, Bromide, 1 oz. v.; 1 lb. Lithium, Carbonate, 1 lb. c.; 2 lbs. Lithium, Salicylate, 1 lb. c.; 2 lbs. Magnesia, Calcined, heavy, 1 lb. b.; 8 lbs. Magnesium Sulphate, ab. 200 lbs. each; 5 oz. Manganese Hypophosphite, 1 oz. v.; 10 lbs. Menthol, 1 lb. b.; 16 oz. Mercury, Red Iodide, 1 oz. v.; 8 oz. Mercury, Yellow Iodide, 1 oz. v.; 1 lb. Mercury, Red Oxide, pap.; 5 lbs. Mercury, Nitrate, Ointment, 1 lb. Jars; 175 lbs. Mercury, Ointment, 50 per cent., 1-lb. tins; 6 lbs. Naphthalin, U. S. P., 1 lb. p.; 3 lbs. Naphthol, Beta, U. S. P., 1 lb. p.; 6 oz. Nosophen, 1 oz. p.; 10 lbs. Paraldehyde, Merck's 1 lb. b.; 6 gm. Pelletierine Tannate, 1 gm. v.; 800 oz. Phenacetine, Bayer, 10 z. p.; 4 oz. Phenol-Bismuth, Merck, 1 oz. p.; 10 gm. Phloroglucin, Merck, 10 gm. v.; 10 gm. Physostigmine, Salicylate, 1 gm. v.; 20 gm. Pilocarpine Hydrochlorate, 5 gm. v.; 5 oz. Piperazine, 1 oz. v.; 20 lbs. Potassa, Caustic, white sticks, 1 lb. b.; 200 lbs. Potassium Acetate, 1 lb. b.; 500 lbs. Potassium and Sodium Tartr., powd., bbls.; 75 lbs. Potassium Bicarbonate, 1 lb. c.; 10 lbs. Potassium Bichromate, pap.; 100 lbs. Potassium Bitartrate, powd., 50 lb. box; 50 lbs. Potassium Chlorate, powd., 25 lb. box; 75 lbs. Potassium Citrate, 1 lb. b.; 10 lbs. Potassium Hypophosphite, 1-lb. b.; 10 lbs. Potassium Nitrate, purif., gran., pap.; 25 lbs. Potassium Permanganate, large cryst., pap.; 4 oz. Quinine and Urea Hydrochlorate, 1-oz. v.; 1,500 oz. Quinine Sulphate, U. S. P., 100 oz. tins; 25 oz. Quinine Bisulphate, U. S. P., 5 oz. cans; 75 oz. Quinine Hydrochlorate, U. S. P., 25 oz. cans; 15 lbs. Rescin, U. S. P., 1 lb. c.; 3 lbs. Salicin, 1 lb. c.; 75 lbs. Salol, 1/2 lb. b.; 10 oz. Salophen, 1 oz. p.; 2 oz. Santonin, 1 oz. v.; 10 gm. Scopolamine Hydrobromate, 1 gm. v.; 75 lbs. Seidlitz Mixture, 25 lb. box; 6 lbs. Silver Nitrate, cryst., 1 lb. b.; 120 oz. Silver Nitrate, Concs., w. 5 per cent. Chloride, 1 oz. p.; 25 lbs. Soda, Caustic, white sticks, 1 lb. b.; 1 lb. Sodium Arsenate, cryst., 1 lb. b.; 5 lbs. Sodium Benzoate, 1 lb. c.; 100 lbs. Sodium Carbonate, cryst., purif., U. S. P., 5 lb. b.; 15 lbs. Sodium Chloride, C. P., 1 lb. c.; 5 lbs. Sodium Hypophosphite, 1 lb. b.; 3 kegs Sodium Hypsulphite, 112 lbs. each; 2 lbs. Sodium Nitrate, 99 per cent. sticks, 1 lb. b.; 100 lbs. Sodium Phosphate, gran., 1 lb. c.; 250 lbs. Sodium Salicylate, forming a colorless solution with distilled water, 1/2 lb. c.; 30 lbs. Sodium Sulphate, purif., gran., 1 lb. c.; 5 lbs. Sodium Sulphate, pure, recryst., 1 lb. b.; 5 lbs. Sodium Sulphate, carb., 1 lb. b.; 5 oz. Sparthine Sulphate, 1 oz. v.; 8 oz. Strontium Bromide, 1 oz. v.; 2 oz. Strontium Iodide, 1 oz. v.; 25 oz. Strychnine Acetate, 1/2 oz. v.; 5 oz. Strychnine Nitrate, 1/2 oz. v.; 10 oz. Strychnine Sulphate, 1/2 oz. v.; 15 lbs. Sugar of Milk, powd., purif., pap.; 250 oz. Sulfonal, 1 oz. p.; 2 oz. Tannalbin, 1 oz. p.; 20 Tannin, 1 oz. p.; 1 lb. Terpin Hydrate, 1 lb. b.; 4 oz. Theobromine, 1 oz. v.; 1 lb. Thymol, U. S. P., 1 lb. b.; 24 oz. Thiosinamine, Merck, 1 oz. v.; 350 oz. Tri-nal, 1 oz. p.; 2 lbs. Urethane, 1 lb. b.; 1 oz. Vanillin, 1 oz. p.; 15 carb. Water Ammonia, 10 per cent., U. S. P.; 5 lbs. Water Ammonia, "stronger," U. S. P., 1 lb. b.; 1 lb. Xylol, 1 lb. b.; 2 lbs. Zinc Chloride, gran., 1 lb. b. (gl.-st.); 20 lbs. Zinc Oxide, white, bbl.; 50 lbs. Zinc Sulphate, purif., gran., 1 lb. c.; 2 oz. Zinc Valerianate, 1/2 oz. v.

III.—TWELVE MONTHS' CONTRACT ARTICLES.

CLASS A.—TO BE DELIVERED IN INSTALLMENTS, AS REQUIRED.

2,300 Wine-gallons of *Pure Rye Whiskey*, copper-distilled, two-stamp and not less than three years old from the date of the warehouse entry stamp. To be delivered in lots of not less than five barrels at a time. The whiskey is to be consigned, by bill of lading, to the Department of Public Charities. Upon arrival of each shipment in the City of New York, it shall be carted, at the expense of the Contractor, directly to the General Drug Department, on the grounds of Bellevue Hospital. The gauger's certificate is to be attached to the bill. The bidder is to make his bid on the basis of proof gallons, and irrespective of any disposition to be made of the empty barrels; 4,200 Wine-gallons of Alcohol, medicinal, 94 per cent. by volume. To be delivered in lots of not less than five barrels at a time. Each invoice is to be accompanied by a gauger's certificate. The bidder is to make his bid on the basis of wine-gallons and irrespective of any disposition to be made of the empty barrels; 800 Siphons per week. Carbonated Waters (Carbonic, Lithia, Selters, Vichy), Schultz's, to be delivered in open or closed boxes, as may be required, 10 s. ph. in box; 4 doz. Agate Pans Basins, No. 20 (Dr. Smith's); 1 doz. Agate Douche Pans, No. 2; 1 doz. Agate Irrigators, No. 50, 3/4 qts.; 12 doz. Blue and White Basins (Pudding Pans, No. 21, 5 qt.); 8 gro. Bottles, Drug-gists' Shop, W. T. & Co.'s, or other ware equal to it; ab. 1 gross, 1 gall.; ab. 1 gross, 1/2 gall.; ab. 2 gross, 1 qt.; ab. 2 gross, 1 pt.; ab. 1/2 gross, 8 oz.; ab. 1/2 gross, 4 oz.; ab. 1/2 gross, 2 oz.; ab. 1/2 gross, 1 oz.; 20 gro. Bottles, Sterilizing, grad., W. T. & Co.; ab. 12 gross, 8 oz.; ab. 8 gross, 6 oz.; 200 gro. Boxes, Pill, No. 18 (sample); 100 gro. Boxes, Pill, No. 19 (sample); 100 gro. Boxes, Pill, No. 20 (sample); 80 gro. Boxes, Pill, No. 30 (sample); 50 gro. Boxes, Pill, No. 31 (sample); 50 gro. Boxes, Sliding, No. 155 (sample); 5 gro. Boxes, Sliding, No. 156 (sample); 5 gro. Boxes, Sliding, No. 157 (sample); 1 gro. Boxes, Seamless Tin, Gill's, deep, plain, 1 oz.; 1 gro. Boxes, Seamless Tin, Gill's, deep, plain, 2 oz.; 1 gro. Boxes, Seamless Tin, Gill's, deep, plain, 8 oz.; 1 doz. Boxes, Tin, round (sample), 10 lbs.; 5 doz. Boxes, Tin, round (sample), 25 lbs.; 20 gro. Boxes, Turned Wood, Beaded (sample), No. 2; 20 gro. Boxes, Turned Wood, Beaded (sample), No. 3; 125 gro. Boxes, Turned Wood, Beaded (sample), No. 4; 125 gro. Boxes, Turned Wood, Beaded (sample), No. 5; 20 gro. Boxes, Turned Wood, Beaded (sample), No. 7; 40 doz. Brushes, Nail, Adams, No. 156; 1 doz. Brushes, 24 plate, Adams, No. 141; 1 doz. Brushes, white bone, Nail, No. 136-10 (sample); 4 doz. Cans, jacketed, Garrison's, 1-gall.; 4 doz. Cans, jacketed, Garrison's, 2-gall.; 4 doz. Cans, jacketed, Garrison's, 5-gall.; 2 doz. Cans, jacketed, Garrison's, 10-gall.; 10 doz. Cans, lacquered tin, square, 16-oz.; 10 doz. Cans, lacquered tin, square, 36-oz.; 5 doz. Cans, lacquered tin, square, 66-oz.; 1 doz. Card Board, Collins' Photographic No. 1; 22 x 28 sheets, to be cut into 40 pieces each before delivery; 3 doz. Demijohns, boxed, Banker's, 1/2-gall.; 4 doz. Demijohns, boxed, Banker's, 1-gall.; 4 doz. Demijohns, boxed, Banker's, 2-gall.; 3 doz. Demijohns, boxed, Banker's, 3-gall.; 3 doz. Demijohns, boxed, Banker's, 5-gall.; 2 doz. Demijohns, wicker, full size, 1-gall.; 4 doz. Demijohns, wicker, full size, 1-gall.; 4 doz. Demijohns, wicker, full

size, 2-gall.; 2 doz. Demijohns, wicker, full size, 3-gall.; 4 doz. Demijohns, wicker, full size, 5-gall.; 30 gro. Droppers, Eye, straight (sample); 20 gro. Droppers, Medicine, graduated (sample); 1 doz. Funnels, glass, 1/2-gall.; 2 doz. Funnels, glass, quart; 2 doz. Funnels, glass, pint; 2 doz. Funnels, glass, 8-oz.; 2 doz. Funnels, glass, 4-oz.; 2 gro. Glass Catheters, female (sample); 2 gro. Glass Douche Nozzles, vaginal (sample); 3 gro. Glass Tubes, intra-uterine (sample); 18 gro. Glasses, Medicine (sample); 100 lbs. Glass Tubing and Rods (assort. sizes); 1/2 doz. Graduates, Glass, Conical, 64 oz.; 1 doz. Graduates, Glass, Conical, 32 oz. (sample); 3 doz. Graduates, Glass, Conical, 16 oz.; 4 doz. Graduates, Glass, Conical, 8 oz.; 2 doz. Graduates, Glass, Conical, 4 oz.; 4 doz. Graduates, Glass, Conical, 2 oz.; 1 doz. Graduates, Glass, Conical, 1 oz.; 3 doz. Graduates, Glass, Conical, 1/2 oz.; 12 doz. Graduates, Glass, Conical, 1/4 oz.; 1/2 doz. Graduates, Glass, Conical, 500 Cc. (sample); 1/2 doz. Graduates, Glass, Conical, 250 Cc.; 1/2 doz. Graduates, Glass, Conical, 120 Cc.; 1/2 doz. Graduates, Glass, Conical, 60 Cc.; 1/2 doz. Jars, Glass, Columbia, ground stopp. 22 in.; 1 doz. Jars, Glass, Columbia, ground stopp. 26 in.; 1 doz. Jars, Glass, Globe, pat., 4 in.; 2 doz. Jars, Glass, Globe, pat., 5 in.; 1 doz. Jars, Glass, Globe, pat., 6 in.; 4 doz. Jars, Museum, with knobs, no clamps (sample), 5 1/2 x 6 in.; 5 1/2 x 6 in.; 4 doz. Jars, Museum, with knobs, no clamps (sample), 7 1/2 x 8 in.; 3 doz. Jars, Museum, with knobs, no clamps (sample), 7 1/2 x 12 in.; 4 doz. Jars, Museum, W. T. & Co.'s style, with clamps, 5 1/2 x 6 in.; 4 doz. Jars, Museum, W. T. & Co.'s style, with clamps, 7 1/2 x 8 in.; 1 doz. Jars, Museum, W. T. & Co.'s style, with clamps, 7 1/2 x 12 in.; 3 doz. Jars, White Earthen, flat top (sample), 1 lb.; 4 doz. Jars, White Earthen, flat top (sample), 1/2 lb.; 10 doz. Jars, White Earthen, flat top (sample), 1/2 lb.; 12 doz. Labels, Lettered (W. T. & Co.'s top), assort. sizes; 30 gro. Microscopic Glasses, 3 x 1, ground, best; 50 oz. Microscopic Cover Glasses, No. 1 (thin), round and square, assort. in 1/2 oz. p.; 200 cyl. (or more) of Compressed Oxygen Gas for medicinal purposes, each cylinder of a capacity of about eleven gallons, and the gas under a pressure of not less than 200 pounds to the square inch. To be free from carbon dioxide, chlorine or other deleterious contaminations, and to contain not more than 10 per cent. of air, as shown by analysis at the General Drug Department. N. B.—No bid for oxygen will be accepted from any person or firm which cannot be reached by telephone within the City of New York. 700 lbs. Paper, best Manila Wrapping, various sizes and weights; 400 lbs. Paper, best Manila Wrapping, in rolls, 12-inch and 24-inch (sample); 80 gro. Pencils, Hair (sample); 30 doz. Photographic Dry Plates, "Cramer" or "Hammer," 6 1/2 x 8 1/2; 30 doz. Photographic Dry Plates, "Cramer" or "Hammer," 8 x 10; 8 doz. Pumps, Breast, "Protector" No. 4. Rubber Goods—80 doz. Catheters, soft, r. self retain. (sample); 1 doz. Coils, Abdominal, "cold," round, 17 in.; 1 doz. Coils, Head, "cold," large, 3 doz. Funnels, hard rubb., 4-oz.; 12 pr. Gloves, soft rubber (sample); 15 lb. Guttapercha Tissue, non adhesive (sample); 2 doz. Hot Water Bottles, "Alpha," 1 qt.; 1 qt.; 2 doz. Hot Water Bottles, "Alpha," 3 qt.; 30 doz. Hot Water Bottles, "Alpha," 5 qt.; 8 doz. Ice Bags, thin, No. 4 (sample); 6 doz. Ice Bags, water-proof Check Cloth, 12 in.; 12 doz. Ice Caps, No. 4 (sample); 6 doz. Ice Helmets, large office for ice (sample); 1 doz. Invalid Cushions, "Alpha," No. 4 (12 inch); 8 doz. Invalid Cushions, "Alpha," No. 8 (16 inch); 1/2 doz. Kelly's Pads, maroon, small, round; 1/2 doz. Kelly's Pads, maroon, med., round; 2 doz. Kelly's Pads, maroon, large, round; 45 gross Nipples, black, No. 32 Goodyear; 6 doz. Nipple Shields, black (sample); 1/2 doz. Syringes, Bulb, w. stopcock, 10 oz.; 2 doz. Syringes, Fountain, "Alpha," No. 2; 10 doz. Syringes, Fountain, "Alpha," No. 5; 1 doz. Syringes, Urtzmann, 5 oz.; "Butler," 18 doz. Syringes, Union, No. 5 Pump; 1 doz. Tubes, Nasal Feeding, soft rubb., Tiemann; 12 doz. Tubes, Perineal soft rubber, Tiemann; 10 doz. Tubes, Rectal, soft rubber, Tiemann; 2 doz. Tubes, Stomach, soft rubber, plain; 1 doz. Tubes, Stomach, w. bulb and funnel; 120 lbs. Tubing, I. R., maroon, best, assort. sizes, to be made to order in lots of about 25 lbs.; 2 doz. Spatulas, Lawrence's, arabesque handle, nickel plated, 3-inch; 2 doz. Spatulas, Lawrence's, arabesque handle, nickel plated, 4-inch; 2 doz. Spatulas, Lawrence's, arabesque handle, nickel plated, 5-inch; 1 doz. Spatulas, Lawrence's, arabesque handle, nickel plated, 6-inch; 1 doz. Spatulas, Lawrence's, arabesque handle, nickel plated, 8-inch; 400 lbs. Sponge, Natural Reef, equal to sample, about 120 to the pound, in bales of not over 50 pounds; 500 Sponges, Laparotomy, flat (sample); 200 Sponges, Laparotomy, round (sample); 12 Steel Porcelain Basins (Kny 17437) 14-inch; 12 Steel Porcelain Trays (Kny 17820) 12 1/2 x 10 1/2; 1 Steel Porcelain Ware in general. State discount from present price list; 6 doz. Syringes, Glass, Acme, Screw Cap, female, No. 4; 60 doz. Syringes, Glass, Acme, Screw Cap, male, No. 1; 100 doz. Syringes, Glass, Acme, Screw Cap, male, No. 4; 60 doz. Syringes, Glass, F. Jet, Cap, Cone Point, No. 1; 30 doz. Syringes, Glass, F. Jet, Cap, Cone Point, No. 1; 30 doz. nests Fest Tubes (4 in nest, 3 to 6 inch); 3 gro. Fest Tubes (E. & A. No. 8270), 5 x 1/2 inch; 3 gro. Fest Tubes (E. & A. No. 8270), 6 x 1/2 inch; 20 gro. Thermometers, Clinical, 4-oz., to be substantially made, with single bulb, plain front, indestructible index, each even degree plainly numbered, the graduation between 94° and 102° F. extending over a space of not less than 1 1/2 inches, and to be correct within 0.2 of a degree, as determined by the standard thermometer at the General Drug Department; 3 gro. Thermometer Cases, hard rubber; 6 doz. Thermometers, Bath, 12 inch., in wood frame. Urine Testing Apparatus—12 Albuminometers, Esbach's, in box; 6 Saccharometers, Eshorn, sets containing a saccharometer and graduate test-tube; 2 doz. Test Glasses, Conical (E. & A. No. 8267), 4 oz.; 6 doz. Test Glasses, Conical (E. & A. No. 8267), 6 oz.; 18 Urinometers, Doremus, on foot; 4 Urinometers, Squibb; 2 doz. Urinometers, Squibb (Spec. Grav. Appar.); 6 gro. Vials, Homeopathic, n. m., 2 drams; 2 gro. Vials Homeopathic, n. m., 4 drams; 2 gro. Vials Homeopathic, n. m., 8 drams. Surgical Instruments, etc.—2 doz. Applicators, uterine (sample); 3 doz. Bistouries, all metal, assorted; 3 doz. Bougies, a bougie, black; 4 doz. Bougies, English; 12 doz. Bougies, Filiform, thin (sample); 12 doz. Bougies, Lisle Thread, Vermilion (Gouley), J. E. Lee Co.; 2 doz. Bougies, Olivary, black; 2 doz. Catheters, English, w. styl-ts; 20 doz. Catheters, Lisle, Mercer; 1 doz. Catheters, Silver, male; 1 doz. Catheters, Silver, female; 3 Catheters, Paquin's improved (sample); 24 doz. Clamps, Artery, Halstead's; 1 doz. Clamps, Artery, Jones'; 4 doz. Clamps, Artery, Pean's; 2 doz. Clamps, Artery, Tait's; 12 Curettes, sharp; 12 Curettes, blunt; 1 doz. Directors, grooved, plated steel, small; 1 doz. Directors, grooved, plated steel, large; 1 doz. Dusters, lodoform, hard rubb., 1 1/2-inch diam.; 1 doz. Dusters, lodoform, glass, w. hard rubb. cap (sample); 12 doz. Forceps, Thumb; 2 doz. Forceps, Mouse-Tooth; 1 doz. Forceps, Uterine Dressing (sample); 8 Inhalers, Ether, Alit's; 2 Inhalers, Ether, Ormsby's; 12 Inhalers, Chloroform, Esmarch's; 3 doz. Inhalers, Cresote, Tin, Robinson's; 6 doz. Nail Cleaners, steel (sample); 6 doz. Nail Cleaners, bone (sample); 24 Needles, Aspirating, a'ssort., to be fitted when required; 12 doz. Needles, Bryant's; 6 doz. Needles, Cervix; 15 gro. Needles, Hagedorn, true, assort.; 1 gro. Needles Hypodermic; 30 gro. Needles, Surgical, assort.; 4 Needle Holders, Hagedorn, best; 6 Needle Holders, McBurney's; 4 Needle Holders, Oit's; 4 doz. Probes, Silver, 5 inch; 6 doz. Probes, Silver, 6 inch; 4 doz. Probes, Silver, 8 inch; 2 doz. Probes, Silver, 10 inch; 1 doz. Probes, Fluhrer's Aluminum; 6 doz. Scapels, all metal, 3 sizes; Tiemann; 2 doz. Scissors, ordin. Dressing, 4 1/2 inch (sample); 1 doz. Scissors, ordin. Dressing, 5 1/2 inch; 1 doz. Scissors, ordin. Dressing, 6 1/2 inch; 2 doz. Scissors, Bandage, ordin. (sample); 1 doz. Scissors, Bandage, heavy (sample); 6 gro. Splints, Basswood, plain (sample); 1 doz. Splints, Porous Felt, S. J. J. Arm and Forearm; 1 doz. Splints, Porous Felt, S. J. J. Elbow, Angle; 2 doz. Sponge Holders (sample); 4 doz. Steth-

oscopes, Albion (sample); 30 yds. Stockinette, 6 inch (sample); 200 yds. Stockinette, 8 inch (sample); 200 yds. Stockinette, 10 inch (sample); 100 yds. Stockinette, 12 inch (sample); 30 yds. stockinette, 14 inch (sample). Sutures—130 box. Catgut, Banjo 1 (30 strings each), like samples, tied with white silk; 130 box. Catgut, Banjo 2 (30 strings each), like samples, tied with white silk; 100 box. Catgut, Violin E (30 strings each), like samples, tied with white silk; 25 box. Catgut, Violin A (30 strings each), like samples, tied with white silk; 5 box. Catgut, Violin D (30 strings each), like samples, tied with white silk; 2 doz. b. Catgut, prepared, in Juniper (sample); 12 doz. Catgut, prepared, in Juniper (sample); 100 tubes Kan-pat. pk. Catgut, prepared (sample); 100 tubes Kan-pat. pk. Catgut, prepared, in Alcohol, 4 strings each; 10 tubes Kangaroo Tendons, steril. in Alcohol, 6 strings each; 60 doz. cards Silk, Black Twisted, assort.; 10 doz. cards Silk, Black Braided, assort.; 40 doz. cards Silk, White Twisted, assort.; 150 doz. cards Silk, White Braided, assort., N. B.—In the four preceding items the amount of silk on each card must be so adjusted that the price per doz. cards remains the same for each kind from the thinnest to the heaviest twist. 36 spools Silk, White Twisted (1/2 oz. each), Nos. 1 to 13; 36 spools Silk, White Twisted (1/2 oz. each), Nos. 14 to 20; 12 doz. pack. Silk, White Braided, prepared (sample); 36 oz. Silk, English Pedicle or Cable Twist (sample); 40 bundles Silk-Worm Gut (1,000 each) (sample); 6 doz. Syringes, Hypodermic, 30 min. (sample); 1/2 doz. Syringes, Hypodermic, 1 dram (sample); 1/2 doz. Syringes, Hypodermic, 2 drams (sample). Surgical Dressings and Plasters—550,000 yds. Bleached Absorbent Hospital Gauze, equal to the sample exhibited in bolts of 100 yards (not more than 2 pieces to the bolt), and securely wrapped in paper (not more than 3 bolts in a package) so as to exclude dust. To be delivered in well-covered bales, protected on at least two sides with wood—or in boxes—each bale or box to contain 2,000 yards, and to be delivered in lots of not less than 2 bales or boxes at a time; 16,000 lbs. Absorbent Cotton, equal to the sample exhibited. In one-pound packages, containing a full pound of cotton each, irrespective of wrapper, tissue paper, etc. To be delivered in boxes containing 50 lbs., and in lots of not less than 1,000 lbs. at a time; 6,000 lbs. Absorbent Lint, equal to the sample exhibited and equivalent to it in superficial area. In one-pound packages, containing a full pound of lint each, irrespective of wrapper, etc. To be delivered in boxes containing 50 lbs., and in lots of not less than 500 lbs. at a time; 2,500 lbs. Lintine, in 1-lb. packages, packed 50 in a case; 2,000 lbs. Oakum, equal to sample, in 50-lb. bales; 400 yds. Adhesive Plaster (Resin), on ordinary muslin (Shivers') (sample), in 5-yd. rolls; 150 yds. Adhesive Plaster (Resin), on twilled muslin (Shivers') (sample), in 5-yd. rolls; 150 yds. Adhesive Plaster (Resin), on moleskin (Shivers') (sample), in 5-yd. rolls; 8,500 yds. Adhesive Rubber Plaster, equal to sample, 12-inch wide, in 5-yd. rolls; 6 doz. Adhesive Rubber Plaster, equal to sample, 5 yds. long on spools, 1/2-inch; 6 doz. Adhesive Rubber Plaster, equal to sample, 5 yds. long on spools, 1-inch; 6 doz. Adhesive Rubber Plaster, equal to sample, 5 yds. long on spools, 1 1/2-inch; 6 doz. Adhesive Rubber Plaster, equal to sample, 5 yds. long on spools, 2-inch; 90 gro. Belladonna Plasters, Rubber-base, porous, containing the proper proportion of the active constituents of Belladonna, 2 doz. in a box; 40 gro. Poor Man's Plasters, Rubber-base, porous (sample), 2 doz. in a box; 8 gro. Capsicum Plasters, Rubber-base, porous (sample), 2 doz. in a box; 10 doz. Universal Court Plaster, flesh-colored, 2 1/2 by 20 inch., 1 doz. in a box; 150 lbs. Twine, Linen, assorted; 18,000 lbs. Extra Coarse Granulated Sugar, to be delivered in lots of not less than 12 barrels at a time. CLASS B.—TO BE DELIVERED IN FULL AS SOON AS POSSIBLE AFTER THE CONTRACT IS AWARDED, OR AS SOON AS DIRECTED BY THE DEPARTMENT. 20,000 Bags, Manila Paper, Standard, 4,000 1 lb.; 4,000 2 lbs.; 4,000 3 lbs.; 3,000 5 lbs.; 2,000 10 lbs.; 2,000 20 lbs.; 1,000 30 lbs.; 17 gro. Flint Poison Bottles, W. T. & Co., 2 gro. 8 oz.; 5 gro. 4 oz.; 5 gro. 2 oz.; 5 gro. 1 oz. In boxes, securely packed. 13 gro. Blue Poison Bottles, W. T. & Co., 3 gro. 4 oz.; 5 gro. 2 oz.; 5 gro. 1 oz. In boxes, securely packed. 673 gro. Bottles and Vials, green ware, free from defects, of the sizes described below, and securely packed with hay in boxes suitable for shipping. In all cases the bottles and vials when holding the full amount of the corresponding measure of water at 60° F., must not be completely filled thereby, but a sufficient space must remain between the surface of the liquid and the inserted cork to permit a free agitation of the contents. The sizes and quantities required are as follows: Round prescriptions, narrow mouth: 10 gro. 1 oz. (5 gro. in box); 150 gro. 2 oz. (5 gro. in box); 180 gro. 4 oz. (3 gro. in box); 200 gro. 8 oz. (2 gro. in box); 15 gro. 16 oz. (1 gro. in box); 8 gro. 32 oz. (1/2 gro. in box, samples). Union oval: 10 gro. 16 oz. (1 gro. in box); 4 gro. 32 oz. (1/2 gro. in box). Round Wide Mouth: 3 gro. 4 oz.; 2 gro. 8 oz.; 1 gro. 16 oz.; 5 gro. Bottles, Amber, glass-st. (sample); 1 gro. 16 oz.; 2 oz.; 4 oz.; 8 oz.; 16 oz.; 180 gro. 4 oz. Bottles, Green Acid, 16 oz. (sample); 4 doz. Brushes, Paste, rubber-bound (sample); 1 doz. each 1/2 in., 1 in., 2 in., 3 in., 5 cans, Heavy Tin, Japaned, for Oils, 50 galls. each, like samples to be seen at General Drug Department. 1,000 gro. Corks, Extra-long, Taper, equal to samples. To be delivered in 5-gro. bags, properly marked. The sizes and quantities are as follows: 100 gro. No. 2, 275 gro. No. 3, 500 gro. No. 4, 325 gro. No. 5, 325 gro. No. 6, 225 gro. No. 7, 100 gro. No. 8, 15 gro. No. 9, 15 gro. No. 10, 5 gro. No. 11, 5 gro. No. 12, 5 gro. No. 13, 14, 15, assort.; 5 gro. Nos. 16 to 20, assort.; 60 gro. Corks, Flat Specie, equal to samples. To be delivered in 5-gro. bags, properly marked. 5 gro. each 1 in., 1 1/2 in., 1 3/4 in., 1 1/2 in., 1 3/4 in., 2 in., 2 1/2 in., 10 gross each 1 1/2 in., 1 3/4 in.; 80 pack. Filters (100 each), folded, Schleicher & Schuell's, No. 588; 25 of 124 Cm.; 25 of 184 Cm.; 15 of 24 Cm.; 12 of 32 Cm.; 3 of 50 Cm.; 40 pack. Filters (100 each), French, round, white; 5 of No. 15, 5 of No. 10, 10 of No. 12, 20 of No. 33; 25 boxes (each of 12 small boxes). Gummed Labels, Dennison's, No. 201; 1 ream Paper, Albumen, Photographic, "Three Crowns"; 2 reams Paper, Paraffin, 24x36 (sample); 1 ream Paper, Parchment, 17 x 28 (sample); 4 reams Paper, Blue Seidlitz, 20 x 25 (sample); 2 reams Paper, White, Drug-Whipp, 24 x 38 (sample); 25 reams Paper, White, Druggists' Powder, cut in 2 sizes, like samples. 20 reams cut small, 5 reams other size. To be delivered in boxes holding each 1 ream, properly marked; 3 reams Paper, White, gummed, for Labels (sample); 5,000 lbs. White Castle Soap, Cont's genuine imported, in original boxes. A Public Weigher's certificate showing gross weight and tare is to accompany the bill. Prices are to be given net. The articles, supplies, goods, wares and merchandise are to be delivered, free of expense, at the General Drug Department on the grounds of Bellevue Hospital, East Twenty-sixth street, east of First avenue, and are to be delivered in such quantities and at such times as may be required. The quality of the Hospital Supplies must conform in every respect to the specifications and samples, and bidders are cautioned to examine both specifications and samples of the articles required before making their estimates. Bidders will state the price for each article, by which the bids will be tested. 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 64, CHAPTER 410, LAWS OF 1882. No bid or estimate will be accepted from or contract awarded to any person who is in arrears to the Corporation upon debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to the Corporation. The award of the contract will be made as soon as practicable after the opening of the bids. Any bidder for this contract must be known to be engaged in and well prepared for the business, and must have satisfactory testimonials to that effect, and the person or persons to whom the contract may be awarded will be required to give security for the performance of the contract, by his or their bond, with two sufficient sureties, each in the penal amount of EIGHT THOUSAND (\$8,000) Dollars. Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the Common Council, Head of a Department, Chief of a Bureau, Deputy thereof or Clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested. Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall

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, 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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies 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 and 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 to whom he consents to become surety. The adequacy and sufficiency of the security offered is to be approved by the Comptroller of the City of New York.

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

Payment will be made by a requisition on the Comptroller, in accordance with the terms of the contract, or from time to time, as the Commissioners may determine. The form of the contract, including specifications, and showing the manner of payment, can be obtained at the office of the General Bookkeeper and Auditor, No. 66 Third avenue, 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.

DR. STEPHEN SMITH, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

DEPARTMENT OF PUBLIC CHARITIES, No. 66 THIRD AVENUE, NEW YORK, November 16, 1897.

TO CONTRACTORS. PROPOSALS FOR LABOR AND MATERIALS TO BE USED IN THE ERECTION OF A COW-STABLE AT RANDALL'S ISLAND.

SEALD BIDS OR ESTIMATES FOR THE aforesaid work and materials, in accordance with the specifications and plans, will be received at the office of the Department of Public Charities, No. 66 Third avenue, in the City of New York, until Tuesday, November 30, 1897, until 10 o'clock A. M. The person or persons making any bid or estimate shall furnish the same in a sealed envelope, indorsed "Bid or Estimate for Labor and Materials to be used in the Erection of a Cow-stable at Randall's Island," and with his or their name or names, and the date of presentation, to the head of said Department, at the said office, on or before the day and hour above named, at which time and place the bids or estimates received will be publicly opened by the President of said Department and read.

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

No bid or

omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled on its completion and that which the Corporation may be obliged to pay to the person or persons to whom the contract may be awarded at any subsequent letting, the amount in each case to be calculated upon the estimated amount of the supplies by which the bids are tested. The contract 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 is to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of five per centum of the amount of the security required for the faithful performance of the contract. Such check or money must not be inclosed in the sealed envelope containing the estimate, but must be handed to the officer or clerk of the Department who has charge of the estimate-box, and no estimate can be deposited in said box until such check or money has been examined by said officer or clerk and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited to and be retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of this 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 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 at the office of Bruce Price and A. D. Pickering, architects, No. 150 Fifth Avenue, New York City, and bidders are cautioned to examine each and all of their provisions carefully, as the Board of Public Charities will insist upon their absolute enforcement in every particular.

DR. STEPHEN SMITH, President; JOHN P. FAURE and JAMES R. O'BRIEN, Commissioners, Department of Public Charities.

CORPORATION NOTICE.

PUBLIC NOTICE IS HEREBY GIVEN TO THE owner or owners, occupant or occupants, of all houses and lots, improved or unimproved lands affected thereby, that the following assessments have been completed and are lodged in the office of the Board of Assessors for examination by all persons interested, viz: List 547, No. 1. Paving Hamilton place, from the Boulevard to Amsterdam Avenue, with asphalt-black pavement.

List 548, No. 2. Paving Eleventh Avenue, from Twentieth to Twenty-seventh Street, with asphalt pavement (so far as the same is within the limits of grants of land under water).

The limits embraced by such assessments include all the several houses and lots of ground, vacant lots, pieces and parcels of land situated on—

No. 1. Both sides of Hamilton place, from the Boulevard to Amsterdam Avenue, and to the extent of half the block at the intersecting streets.

No. 2. Both sides of Eleventh Avenue, from Twentieth to Twenty-seventh Street, and to the extent of half the block at the intersecting streets.

All persons whose interests are affected by the above-named assessments, and who are opposed to the same, or either of them, are requested to present their objections, in writing, to the Chairman of the Board of Assessors, at their office, No. 27 Chambers Street, within thirty days from the date of this notice.

The above-described lists will be transmitted, as provided by law, to the Board of Revision and Correction of Assessments for confirmation on the 28th day of December, 1897.

THOMAS J. RUSH, Chairman; PATRICK M. HAVERTY, JOHN W. JACOBUS, EDWARD McCUE, Board of Assessors.

New York, November 27, 1897.

DEPARTMENT OF BUILDINGS.

DEPARTMENT OF BUILDINGS, No. 220 FOURTH AVENUE, NEW YORK, June 22, 1896.

NOTICE TO OWNERS, ARCHITECTS AND BUILDERS.

THE DEPARTMENT OF BUILDINGS HAS established a branch office at junction of Third and Courtlandt Avenues, where all plans for the erection or alteration of buildings above the Harlem River may be submitted and filed.

STEVENSON CONSTABLE, Superintendent Buildings.

FINANCE DEPARTMENT.

FINANCE DEPARTMENT—BUREAU FOR THE COLLECTION OF TAXES, No. 57 CHAMBERS STREET (STEWART BUILDING), NEW YORK, November 1, 1897.

NOTICE TO TAXPAYERS.

NOTICE IS HEREBY GIVEN BY THE RE-ceiver of Taxes of the City of New York to all persons whose taxes for the year 1897 remain unpaid on the first day of November of said year that unless the same shall be paid to him at his office on or before the first day of December of said year, he will charge, receive and collect upon such taxes so remaining unpaid on that day, in addition to the amount of such taxes, one per centum of the amount thereof, and charge, receive and collect upon such taxes so remaining unpaid on the first day of January thereafter interest upon the amount thereof at the rate of seven per centum per annum, to be calculated from October 1, 1897, the day on which the assessment rolls and warrants therefor were delivered to the said Receiver of Taxes to the date of payment, as provided by sections 843, 844 and 845 of the New York City Consolidation Act of 1882.

DAVID E. AUSTEN, Receiver of Taxes.

POLICE DEPARTMENT.

POLICE DEPARTMENT, NEW YORK, November 24, 1897.

PUBLIC NOTICE IS HEREBY GIVEN THAT the Hall of Naphtha Launch No. 4, belonging to this Department, will be sold at Public Auction, at Pier "A," North River, on Thursday, December 9, 1897, at 10 o'clock A.M., by Van Tassel & Kearney, Auctioneers. By order of the Board.

WM. H. KIPP, Chief Clerk.

PROPERTY CLERK'S OFFICE—POLICE DEPARTMENT OF THE CITY OF NEW YORK, NEW YORK, November 23, 1897.

PUBLIC NOTICE IS HEREBY GIVEN THAT the 35th auction sale of Unclaimed and Police Property will be sold at Public Auction, at Police Headquarters, on Wednesday, December 15, 1897, at 11

o'clock A.M., of the following property, viz: Watches, Jewelry, Revolvers, Pistols, Knives, Razors, etc., Iron Bedsteads and Miscellaneous Articles. For particulars see catalogue on day of sale.

JOHN F. HARRIOT, Property Clerk.

EXAMINATION FOR CLERK IN POLICE DEPARTMENT.

THERE WILL BE AN EXAMINATION OF COM-petitors for position of Clerk in the Police Department, conducted by the Police Civil Service Board, on Wednesday, December 1, 1897, at Police Headquarters, No. 300 Mulberry Street.

The subjects of examination will be orography, hand-writing, letter-writing, geography, history and government of the United States (five elementary questions), correction of rough draft and arithmetic, including operations in fractions.

Applications for this examination must be filed in the office of the Secretary of the Police Civil Service Board, properly filed out, before the hour of closing business on Monday, November 29, 1897.

Blank application forms may be had upon personal or written application to Police Civil Service Board, No. 300 Mulberry Street.

Respectfully yours, WM. H. FELL, Secretary.

POLICE DEPARTMENT—CITY OF NEW YORK, 1896.

OWNERS WANTED BY THE PROPERTY Clerk of the Police Department of the City of New York, No. 300 Mulberry Street, Room No. 6, for the following property, now in his custody, without claimants: Boats, rope, iron, lead, male and female clothing, boots, shoes, wine, blankets, diamonds, canned goods, liquors, etc.; also small amount money taken from prisoners and found by Patrolmen of this Department.

JOHN F. HARRIOT, Property Clerk.

DEPARTMENT OF PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS, NEW YORK, November 24, 1897.

NOTICE IS HEREBY GIVEN THAT THE COM-missioner of Public Works, deeming it for the public interest so to do, proposes to alter or change the grade on One Hundred and Eighty-first Street, between Kingsbridge Road and Boulevard Lafayette, in the Twelfth Ward of the City of New York, more particularly described as follows:

Beginning at the westerly line of Kingsbridge Road and the centre line of One Hundred and Eighty-first Street, elevation 177 feet above city base; thence westerly, distance 66.95 feet to the easterly line of Fort Washington Avenue, elevation 213 feet; thence westerly and across Fort Washington Avenue, distance 80.14 feet, to the westerly side of said Avenue, elevation 213 feet; thence westerly, distance 200 feet, elevation 211 feet; thence westerly, distance 841.81 feet, to the easterly curb-line of Boulevard Lafayette, elevation 119.43 feet.

All elevations above city base or datum line. HOWARD PAYSON WILDS, Deputy and Acting Commissioner of Public Works.

COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, November 24, 1897.

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 No. 150 Nassau Street, corner of Spruce Street, in the Chief Clerk's Office, Room No. 1704-7, until 12 o'clock A.M. on Monday, December 6, 1897. The bids will be publicly opened by the head of the Department, in the basement, at No. 150 Nassau Street, at the hour above-mentioned.

FOR FURNISHING ILLUMINATING GAS FOR LIGHTING THE PUBLIC MARKETS, ARMORIES, BUILDINGS AND OFFICES OF THE CITY OF NEW YORK, FOR THE PERIOD FROM JANUARY 1, 1898, TO DECEMBER 31, 1898, BOTH DAYS INCLUSIVE.

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 Common Council, head of a Department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or 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 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 this deposit will be returned to him.

THE COMMISSIONER OF PUBLIC WORKS RESERVES THE RIGHT TO REJECT ALL BIDS RECEIVED FOR ANY PARTICULAR WORK IF HE DEEMS IT FOR THE BEST INTERESTS OF THE CITY.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained in Room No. 2200.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS, COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, August 6, 1896.

NOTICE IS HEREBY GIVEN THAT THE charge for vault permits is fixed at the rate of \$2 per square foot, under and pursuant to ordinance of the Common Council relating thereto.

HOWARD PAYSON WILDS, Deputy Commissioner of Public Works.

DEPARTMENT OF PUBLIC WORKS—COMMISSIONER'S OFFICE, No. 150 NASSAU STREET, NEW YORK, March 23, 1897.

NOTICE IS HEREBY GIVEN TO ALL PLUM-bers, to whom license has been or may be issued to make and connect service pipes, for conducting water to houses and tenements with the distributing pipes in this city, after said pipes have been tapped, and to make connections with sewers or drains from houses and tenements with the sewers or drains in the streets or avenues of this city, that such license will be revoked in the case of any plumber who permits another to use his license and to do the work of a master plumber without holding a certificate of competency from the Examining Board of Plumbers; or who violates any of the regulations which have been or may hereafter be established by the Department, respecting the introduction and use of the Croton water and connections made with sewers and drains.

CHARLES H. T. COLLIS, Commissioner of Public Works.

TO OWNERS, ARCHITECTS AND BUILDERS.

NOTICE IS HEREBY GIVEN THAT ALL OR-dinances of the Common Council, approved March 30, 1897, and subsequent thereto, in relation to the use and occupancy of sidewalks, must be complied with, and that all hoistways must occupy only such space of the sidewalk as is authorized by special ordinance of the Common Council, passed March 30, 1886, viz: "Hoistways may be placed within the stoop-lanes, but in no case to extend beyond five feet from the house-line, and shall be guarded by iron railings or rods to prevent accidents to passers-by."

You are further notified that all violations now existing of such ordinances must be removed, and that all conditions set forth in permits granted for vault or other purposes must be complied with within sixty days. The special ordinances permitting court-yard inclosures give no right to occupy this space otherwise.

CHARLES H. T. COLLIS, Commissioner of Public Works.

NOTICE TO PROPERTY-OWNERS, BUILDERS, FLAGGERS AND OTHERS.

NOTICE IS HEREBY GIVEN THAT THE practice of placing concrete or other friable curbs on the streets of this city is in contravention of chapter 5, Article XIV, section 251, Revised Ordinances of 1897 which reads: "All curb-stones * * * shall be of the best hard blue or gray granite." And this Department will find it necessary to prosecute to the full penalty imposed by law persons setting or making such curbs, whether they have broken up or removed the curb-stones provided by the City or not.

Further notice is given that this Department will in no case entertain claims or damages to concrete or other artificial sidewalks that are caused by repair or setting of hydrants, or by other work which the City does for the general good.

CHARLES H. T. COLLIS, Commissioner of Public Works.

DEPARTMENT OF CORRECTION.

DEPARTMENT OF CORRECTION, NOVEMBER 16, 1897.

PROPOSALS FOR MATERIALS, ETC., FOR RIKER'S ISLAND, TO BE FURNISHED AT ONCE.

BIDS WILL BE RECEIVED TUESDAY, NO-vember 30, 1897, until 10 A. M., at No. 148 East Twentieth Street:

120 bars 1 1/2 inch by 1/2 inch iron; 200 bars 1 1/2 inch by 1/2 inch iron; 30 bars 1 1/2 inch by 1/2 inch iron; 550 bars 1 inch Round Iron; 9 bundles 1/2 inch Round Iron; 500 1 1/2 inch by 1/2 inch Bolts; 3 gallons Drilling Oil; 1,175 yards No. 4 Canvas, 24 inches wide; 30 pounds 6-ply Cotton Sail Twine; 8,500 feet 1/2 inch Manila Rope; 10,000 feet 5/8 inch Manila Rope; 15 pounds Beeswax; 500 pounds Emerald Green Paint (in oil); 10 gallons Benzine; 10 gallons Raw Oil; 10 gallons Turpentine; 4 gallons Liquid Dye; 175 pounds Red Lead (dry).

Stoves, Boilers, etc.—1 Boiler, cooking capacity 120 gallons (for soup, etc., prisoners); 1 No. 9 Range, with water back, etc., complete (Keepers' quarters); 1 No. 8 Range, French water back (Keeper's house); 10 small Bedroom Stoves; 20 largest size Scorchers (Mott's).

Horses, Wagons, Harness, etc.—1 Single Wagon, heavy built, with top; 4 Horses, young, not less than 1,400 weight, nor less than 15 hands high; 8 horse blankets; 1 set Single Harness, complete; 4 Halters. Miscellaneous—700 Trees (Elm and Maple); 1 White-hal Boat, 16 feet long, with 2 pairs Ash Oars; 30 Fire Extinguishers, Defender or Babcock's; 1 Work Bell, 18 inches diameter; 1 Large Boom Derrick (complete); 2 Large Eight-day Clocks; 2 Steam Pumps (Duplex 6 inch stroke, 2 1/2 inch section, Worthington or Blake make); 240,000 bushels fine shoo-koot Horse Manure. This Manure to be delivered on Riker's Island between January and July, 1898, as called for.

Keepers and Doctors—10 Tables, 2 1/2 by 2; 2 Extension Tables; 2 dozen Chairs (Keepers' rooms); 1 dozen Dining Chairs; 1 dozen Arm Chairs (Sitting rooms); 3 dozen Chairs (Hospital); 1/2 dozen Office Chairs; 1 dozen 2 1/2 by 2 Mirrors; 1/2 dozen Spitoons (Heavy Stone); 1 dozen Clothes Racks; 1 dozen Carpet Mats (Keepers' rooms); 1/2 dozen Heavy Door Mats.

Prison Kitchen—2 Bread Knives; 10 10-gallon heavy tin or galvanized-iron Vessels to wash vegetables in; 5 2-gallon heavy tin or galvanized-iron Vessels to wash vegetables in; 5 1-gallon heavy tin or galvanized-iron Vessels to wash vegetables in; 1 dozen largest size Iron Spoons; 1 dozen 2 quart Dippers; 2 large size Ladies (for soups, etc.); 20 regulation Mess Pans; 600 regulation Mess Spoons; 600 regulation Mess Plates; 600 regulation Mess Cups; 1/2 dozen 4-gallon Water Cans, with spouts; 1/2 dozen Bread Cans, size, 10 gallons; 1 Butcher's Outfit; 1 Cleaver; 2 Knives; 1 Meat Saw, 1 Steel.

Keepers' Kitchen and Mess Room—2 five-gallon Coffee Boilers; 2 five-gallon Tea Boilers; 1/2 dozen Frying Pans (3 sizes); 1/2 dozen Meat Pans (different sizes); 1/2 dozen Bread Pans (different sizes), (all said articles to fit range); 1 Copper Hot-water Kettle, to fit Range (5 gallons); 1 ten-gallon Soup Boiler; 3 dozen W. G. Coffee Cups and Saucers; 3 dozen W. G. Tea Cups and Saucers; 1 dozen W. G. Vegetable Dishes, with covers; 1 dozen W. G. Vegetable Dishes, without covers; 2 Casters, complete; 1 dozen Salt Dishes; 2 dozen W. G. Small Dessert, or course Saucers; 4 dozen Tumblers; 1/2 dozen 1-gallon W. G. Pitchers; 1 dozen 1/2-gallon W. G. Pitchers; 1/2 dozen Sugar Bowls, W. G.; 2 dozen Soup Plates, W. G.; 2 dozen Dinner Plates, W. G.; 2 dozen Mush Bowls, W. G.; 1/2 dozen Butter Dishes, W. G. (large size); 3 dozen Tea Spoons, (nickel or silver plated); 2 dozen Table Spoons, (nickel or silver plated); 1/2 dozen Table Butter Knives; 2 dozen Table Knives, (steel); 2 dozen Table Forks (steel); 2 Bread Knives; 2 pairs Carving Knives and Forks.

Hardware—5 dozen Shovels; 5 dozen Picks (must be steel-pointed, iron is useless); 2 dozen Rakes; 2 dozen Hoes; 1 set Blacksmith's Tools, complete, with 175-pound Anvil and 141-pound Sledge, and Horseshoeing outfit, complete.

Cement and Brick—50 barrels Portland Cement; 5,000 Common Brick; 1,000 Fire Brick.

Lights and Lamps—24 Street Lamps (oil burning) with Post, complete; 12 Locomotive Head Lights; 10 Bracket Lamps; 1/2 dozen Hand Lanterns.

Beds, Bedding, Etc.—30 Single Iron Bedsteads (Hospital); 16 Single Iron Bedsteads (Keepers); 20 bales Straw; 600 yards Ticking; 1,200 yards Unbleached Muslin (800 pillow cases); 430 pairs Woolen Blankets (blue or gray) prisoners; 16 pairs Woolen Blankets (white) Keepers; 60 Sheets (Hospital) 2 1/2 yards wide each; 32 Sheets (Keepers) 2 1/2 yards wide each; 46 Hair Pillows (Hospital and Keepers); 46 Bed Springs (Hospital and Keepers).

All goods to be marked for Riker's Island and to be delivered at foot East Twenty-sixth Street.

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 64, CHAPTER 410, LAWS OF 1882.

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

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

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 Common Council, head of a department, chief of a bureau, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

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

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

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

The 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 state the price for each article, by which the bids will be tested.

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

Payment will be made by a requisition on the 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, will be furnished at the office of the Department, and bidders are cautioned to examine each and all of its provisions carefully, as the Commissioner will insist upon its absolute enforcement in every particular.

ROBERT J. WRIGHT, Commissioner Department of Correction.

BOARD OF CITY RECORD.

OFFICE OF THE CITY RECORD, No. 2 CITY HALL, NEW YORK, November 17, 1897.

PROPOSALS FOR FURNISHING STATIONERY FOR THE USE OF COURTS AND THE DEPARTMENTS AND BUREAUS OF THE GOVERNMENT OF THE CITY OF NEW YORK.

TO STATIONERS.

SEALED ESTIMATES FOR SUPPLYING THE City Government with Stationery, Paper, Ink, Pens, Pencils, Penholders, Rubber Bands, etc., will be received at the office of the Supervisor of the City Record, Room No. 2, City Hall, until 12 o'clock M. of Wednesday, December 8, 1897, at or about which time said estimates will be publicly opened and read in the office of the Mayor.

Each person making an estimate shall inclose it in an envelope, sealed with sealing-wax, indorsed "Estimate for furnishing Stationery," and with his name and the date of its presentation.

Each estimate shall state the name and place of residence of the person making it; if there is more than one such person, their names and residences must be given; and if only one person is interested in the estimate it must distinctly state that fact; also that it is made without any connection with any other person making an estimate for the same purpose and is in all respects fair and without collusion or fraud, and that no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The 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 con-

sent, 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 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 preliminary security required, and in the proposals stated, over and above all his debts of every nature and over and above his liabilities as bail, surety and otherwise, and that he has offered himself as a surety in good faith and with the intention to execute the bond required by law. The adequacy and sufficiency of the security offered will be subject to approval by the Comptroller of the City of New York after the award is made and prior to the signing of the contract.

The amount of security required upon the execution of the contract will be in each case fifty per cent. of the estimated cost of the articles awarded to each contractor; the amount of preliminary security to be given, until each award, and in which the sureties shall justify, shall be One Thousand Dollars.

Should the person 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 bid or proposal, and that the adequacy and sufficiency of the security offered has been approved by the Comptroller, or if he accept but do not execute the contract and give the proper security, he 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 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, and no estimate will be accepted from or a contract awarded to any person not having at the time of making his estimate full, suitable and sufficient facilities for performing the work specified in his estimate.

No estimate will be received or considered unless accompanied by either a certified check upon one of the National or State banks of the City of New York, drawn to the order of the Comptroller, or money to the amount of Five Hundred Dollars, which is fifty per centum of the amount of the preliminary security required for the faithful performance of the contract. Such check or money must not be included in the sealed envelope containing the estimate, but must be handed to the Supervisor of the City Record, 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 Supervisor and found to be correct. All such deposits, except that of the successful bidder, will be returned to the persons making the same within three days after the contract is awarded. If the successful bidder shall refuse or neglect, within five days after notice that the contract has been awarded to him, to execute the same, the amount of the deposit made by him shall be forfeited and retained by the City of New York as liquidated damages for such neglect or refusal; but if he shall execute the contract within the time aforesaid the amount of his deposit will be returned to him.

Permission will not be given for the withdrawal of any bid or estimate, and the right is expressly reserved by the undersigned City officers to reject any or all bids which may be deemed prejudicial to the public interests. Bids must be made on each item separately, and the aggregate for each schedule, or for any part of each schedule that may be indicated in the specifications or required, must be given. The contract may be awarded, in the discretion of the Board of City Record, by items or by schedules, or parts of schedules, except when the law provides to the contrary. The Stationery is to be put up in packages according to schedules to be furnished to the contractors by the Supervisor of the City Record and according to the most approved methods followed in the stationery trade for the preservation of goods. The contractors must give preference in deliveries to such articles as the Supervisor may direct, and deliveries must be made during the year as called for.

DESCRIPTION OF ARTICLES. For particulars as to the quantities and kinds of Stationery, reference must be had to the specifications, copies of which may be procured from the Supervisor of the City Record, or may be seen in the Department of Public Works. When the description of an article is not complete in the specifications, and no sample is on file in the Department of Public Works or the office of the City Record, the contractor must supply an article in every respect like that in use in the Department making the requisition, unless otherwise directed by the Supervisor of the City Record.

WILLIAM L. STRONG, Mayor; FRANCIS M. SCOTT, Counsel to the Corporation; C. H. T. COLLIS, Commissioner of Public Works.

JOHN A. SLEICHER, Supervisor of the City Record.

DEPARTMENT OF PUBLIC PARKS

DEPARTMENT OF PUBLIC PARKS, ARSENAL, CENTRAL PARK, NEW YORK, November 16, 1897.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks, at its offices, Arsenal Building, Sixty-fourth street and Fifth avenue, Central Park, until 2.30 o'clock P. M., of Monday, November 29, 1897, for the following named works:

No. 1. FOR CONSTRUCTING AND IMPROVING A PORTION OF THE BRONX AND PELHAM PARKWAY, FOR ITS FULL WIDTH OF FOUR HUNDRED FEET, between Bronx Park and Bear Swamp road, in the City of New York.

No. 2. FOR REGULATING, GRADING AND IMPROVING THE EDGAR ALLEN POE PARK, BOUNDED BY ONE HUNDRED AND NINETY-SECOND STREET, THE KINGSBRIDGE ROAD AND THE CONCOURSE, IN THE TWENTY-FOURTH WARD OF THE CITY OF NEW YORK.

No. 3. FOR THE IMPROVEMENT OF PARK BOUNDED BY ONE HUNDRED AND FIFTY-THIRD STREET, SEVENTH AVENUE, RIVER STREET AND MACOMBE'S DAM ROAD, IN THE CITY OF NEW YORK.

No. 4. FOR IRON WORK, ETC., FOR PHEASANT YARDS, NEAR ARSENAL, CENTRAL PARK.

No. 5. FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY TO ERECT AND COMPLETE A PUBLIC LAVATORY FOR MEN IN RIVERSIDE PARK, NEAR ONE HUNDRED AND SEVENTH STREET, IN THE CITY OF NEW YORK.

The works must be bid for separately.

No. 1.—ABOVE-MENTIONED. The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

7,000 cubic yards earth excavation.
9,000 cubic yards rock excavation.
40,000 cubic yards filling to be furnished, in place.
4,700 cubic yards of mounds or top-soil, in place.
5,700 square yards Telford pavement for carriageways.
1,050 square yards gravel pavement, with Telford foundation, for Ride or Gravel Path.
1,050 square yards pavement for Bicycle Path, with Telford foundation, surfaced with broken stone and screenings of limestone.

1,150 square yards vitrified brick gutters for roadways, with Telford and concrete foundations.
950 lineal feet blue-stone curb, 6 inches thick, fine axed.
2,600 lineal feet blue-stone curb, 5 inches thick.
1,900 lineal feet blue-stone curb, 3 inches thick.
42,000 square feet gravel walks, with rubble-stone foundation.

315 lineal feet of brick culverts, 5 feet interior diameter, including concrete foundation, masonry cradle and end walls.
700 lineal feet twelve-inch vitrified stoneware drain-pipe.
700 lineal feet eight-inch vitrified stoneware drain-pipe.

8 road-basins, complete.
12 receiving-basins, complete.
2 manholes, complete.
4 gneiss piers, four feet by four feet, built complete.
8 gneiss piers, two feet by two feet, built complete.
1,500 cubic yards of dry rubble masonry in retaining-walls.

60 cubic yards rubble-stone masonry in cement.
20 cubic yards of concrete in foundations.
4,000 square feet of sod, furnished and laid.
2 acres of ground, finished and seeded.
The time allowed for the completion of the whole work will be two hundred consecutive working days.

The damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Fifty Dollars per day.

The amount of the security required is Seventy-five Thousand Dollars.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the nature and extent of the work, and shall not, any time after the submission of an estimate, dispute, or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Common Council, head of a department, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly

interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled 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 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

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

N. B.—The prices must be written in the estimate and also stated in figures, and all estimates will be considered as informal which do not contain bids for all items for which bids are herein called or which contain bids for items for which bids are not herewith called for. Permission will not be given for the withdrawal of any bid or estimate. No bid will be accepted from or 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 Department of Public Parks reserves the right to reject any or all the bids received in response to this advertisement if it should deem it for the interest of the City so to do, and to readvertise until satisfactory bids or proposals shall be received, but the contract when awarded will be awarded to the lowest bidder.

Blank forms for proposals, and forms of the contract and specifications which the successful bidder will be required to execute, can be had, the plans can be seen, and information relative to them can be had at the office of the Department, Arsenal, Central Park, and also at the office of the architect, R. W. Gibson, No. 18 Wall street.

SAMUEL McMILLAN, S. V. R. CRUGER, SMITH ELY, EDWARD MITCHELL, Commissioners of Public Parks.

DEPARTMENT OF PUBLIC PARKS, ARSENAL, CENTRAL PARK, NEW YORK, November 16, 1897.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES, WITH THE title of the work and the name of the bidder indorsed thereon, will be received by the Department of Public Parks, at its offices, Arsenal Building, Sixty-fourth street and Fifth avenue, Central Park, until 2.30 o'clock P. M., of Monday, November 29, 1897, for the following named works:

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No. 3. FOR THE IMPROVEMENT OF PARK BOUNDED BY ONE HUNDRED AND FIFTY-THIRD STREET, SEVENTH AVENUE, RIVER STREET AND MACOMBE'S DAM ROAD, IN THE CITY OF NEW YORK.

No. 4. FOR IRON WORK, ETC., FOR PHEASANT YARDS, NEAR ARSENAL, CENTRAL PARK.

No. 5. FOR FURNISHING ALL THE LABOR AND FURNISHING AND ERECTING ALL THE MATERIALS NECESSARY TO ERECT AND COMPLETE A PUBLIC LAVATORY FOR MEN IN RIVERSIDE PARK, NEAR ONE HUNDRED AND SEVENTH STREET, IN THE CITY OF NEW YORK.

The works must be bid for separately.

No. 1.—ABOVE-MENTIONED. The Engineer's estimate of the work to be done, and by which the bids will be tested, is as follows:

7,000 cubic yards earth excavation.
9,000 cubic yards rock excavation.
40,000 cubic yards filling to be furnished, in place.
4,700 cubic yards of mounds or top-soil, in place.
5,700 square yards Telford pavement for carriageways.
1,050 square yards gravel pavement, with Telford foundation, for Ride or Gravel Path.
1,050 square yards pavement for Bicycle Path, with Telford foundation, surfaced with broken stone and screenings of limestone.

1,150 square yards vitrified brick gutters for roadways, with Telford and concrete foundations.
950 lineal feet blue-stone curb, 6 inches thick, fine axed.
2,600 lineal feet blue-stone curb, 5 inches thick.
1,900 lineal feet blue-stone curb, 3 inches thick.
42,000 square feet gravel walks, with rubble-stone foundation.

315 lineal feet of brick culverts, 5 feet interior diameter, including concrete foundation, masonry cradle and end walls.
700 lineal feet twelve-inch vitrified stoneware drain-pipe.
700 lineal feet eight-inch vitrified stoneware drain-pipe.

8 road-basins, complete.
12 receiving-basins, complete.
2 manholes, complete.
4 gneiss piers, four feet by four feet, built complete.
8 gneiss piers, two feet by two feet, built complete.
1,500 cubic yards of dry rubble masonry in retaining-walls.

60 cubic yards rubble-stone masonry in cement.
20 cubic yards of concrete in foundations.
4,000 square feet of sod, furnished and laid.
2 acres of ground, finished and seeded.
The time allowed for the completion of the whole work will be two hundred consecutive working days.

The damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Fifty Dollars per day.

The amount of the security required is Fifty Thousand Dollars.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the nature and extent of the work, and shall not, any time after the submission of an estimate, dispute, or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

Each bid or estimate shall contain and state the name and place of residence of each of the persons making the same, the names of all persons interested with him or them therein, and if no other person be so interested it shall distinctly state that fact; that it is made without any connection with any other person making an estimate for the same purpose, and is in all respects fair and without collusion or fraud, and that no member of the Common Council, head of a department, deputy thereof or clerk therein, or other officer of the Corporation, is directly or indirectly

interested therein, or in the supplies or work to which it relates, or in any portion of the profits thereof. The bid or estimate must be verified by the oath, in writing, of the party or parties making the estimate, that the several matters stated therein are in all respects true. Where more than one person is interested it is requisite that the verification be made and subscribed by all the parties interested.

Each bid or estimate shall be accompanied by the consent, in writing, of two householders or freeholders in the City of New York, with their respective places of business or residence, to the effect that if the contract be awarded to the person making the estimate, they will, on its being so awarded, become bound as his sureties for its faithful performance, and that if he shall omit or refuse to execute the same, they will pay to the Corporation any difference between the sum to which he would be entitled 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 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless

The damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Fifty Dollars per day.

The amount of security required is Twenty-Five Thousand Dollars.

No. 2.—ABOVE-MENTIONED. 2,000 cubic yards earth excavation.
150 cubic yards rock excavation.
400 cubic yards filling in place.
4,300 cubic yards mounds in place.
1,000 square feet gravel walk, including rubble-stone foundation.

2,650 square feet of sod furnished and laid.
The time allowed for the completion of the whole work will be forty-five consecutive working days.

The damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Twenty Dollars per day.

The amount of security required is Five Thousand Dollars.

No. 3.—ABOVE-MENTIONED. 1,000 cubic yards excavation of all kinds, including earth, rock, stones and all solid material, and for the removal and disposition of the same, including the shaping of surface, as specified.
1,500 cubic yards filling, in place.
3,000 cubic yards mounds, in place.
7,500 square feet of asphalt walks, including concrete base and rubble-stone foundation.

65 lineal feet 12-inch blue-stone edging, 2 1/2 inches thick, 8 right on face, to furnish and set.
725 lineal feet 14-inch blue-stone edging 2 1/2 inches thick, curved on face, to furnish and set.
330 lineal feet of blue-stone steps.
75 lineal feet of blue-stone cheeks.
2 walk basins (complete).

160 lineal feet of 10-inch vitrified stoneware drain-pipe.
60 lineal feet of 8-inch vitrified stoneware drain-pipe.
40 cubic yards rubble masonry in cement mortar.
1,800 square feet of sod, furnished and laid.
0.40 acres of ground finished and seeded.

725 lineal feet of pipe fence with anchor posts and painting, to furnish and set up.

The bidder must deposit with the Commissioners of the Department of Public Parks at least two days before making his bid, samples of materials he intends to use, together with certificates and statement, as follows:

1st. Specimens of asphaltum, with a certificate stating where the asphaltum was mined.

2d. A specimen of the asphaltic cement, with a statement of the elements of the composition of the bituminous cements used in the composition of the paving surface.

3d. Specimens of sand intended to be used.

4th. Specimens of pulverized carbonate of lime intended to be used.

5th. Specimens of the asphaltic rock, with a certificate or other evidence that it is of even fabric and a product of the first quality and from the mines hereinafter designated.

6th. Specimens of mastic of rock asphalt, refined bitumen and grit.

7th. A statement of the location and the capacity (in square yards per day) of the works or factory where the paving material is prepared.

The time allowed for the completion of the whole work will be seventy-five consecutive working days.

The damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Four Dollars per day.

The amount of security required is Six Thousand Dollars.

No. 4.—ABOVE-MENTIONED. Bidders are required to state in their proposals one price or sum for which they will execute the entire work.

The time allowed for the completion of the whole work will be sixty consecutive working days.

The damages to be paid by the Contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Five Dollars per day.

The amount of security required is Nine Hundred Dollars.

No. 5.—ABOVE-MENTIONED. Bidders will be required to state in their proposals one price or lump sum for which they will execute the entire work.

The time allowed to complete the whole work will be until June 1, 1898.

The damages to be paid by the contractor for each day that the contract, or any part thereof, may be unfulfilled after the time fixed for the completion thereof has expired, are fixed at Twenty Dollars per day.

Bidders must submit with their bids a sample of the material (limestone) which they propose using, stone to be marked with the name and location of quarry; sample of size and cut to the surface, as provided in specifications. The amount of security required is Ten Thousand Dollars.

Bidders must satisfy themselves by personal examination of the location of the proposed work, and by such other means as they may prefer, as to the nature and extent of the work, and shall not, any time after the submission of an estimate, dispute or complain of such statement, nor assert that there was any misunderstanding in regard to the nature or amount of the work to be done.

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

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

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 27 of chapter 8 of the Revised Ordinances of the City of New York, if the contract shall be awarded to the person or persons for whom he consents to become surety. The adequacy and sufficiency of the security offered to be approved by the Comptroller of the City of New York.

No bid or estimate will be received or considered unless

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

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

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

Blank forms for proposals and forms of the several contracts which the successful bidder will be required to execute can be had, the plans can be seen, and information relative to them can be had, at the office of the Department, Arsenal, Central Park, and also in the case of No. 5 above mentioned, at the office of the Architects, Howard & Caldwell, No. 10 East Twenty-third street.

SAMUEL McMILLAN, S. V. R. CRUGER, SMITH ELY, EDWARD MITCHELL, Commissioners of Public Parks.

STREET IMPROVEMENTS, 23D AND 24TH WARDS.

NOVEMBER 15, 1897.

TO CONTRACTORS.

SEALED BIDS OR ESTIMATES FOR EACH OF the following-mentioned works, with the title of the work and the name of the bidder indorsed thereon, also the number of the work, as in the advertisement, will be received by the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards, at his office, Third avenue and One Hundred and Seventy-seventh street, until 11 o'clock A. M., on Tuesday, November 30, 1897, at which time and hour they will be publicly opened:

No. 1. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS AND LAYING CROSSWALKS IN ONE HUNDRED AND SIXTY-NINTH STREET (Arenarius place), from Jerome avenue to the Grand Boulevard and Concourse.

No. 2. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN ROGERS PLACE, from Dawson street to One Hundred and Sixty-fifth street.

No. 3. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, AND PLACING FENCES IN BROWN PLACE, from East One Hundred and Thirty-second street to East One Hundred and Thirty-eighth street.

No. 4. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS AND PLACING FENCES IN WALTON AVENUE, from One Hundred and Thirty-eighth street to One Hundred and Forty-first street.

No. 5. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, AND PLACING FENCES IN WILKINS PLACE from Southern Boulevard to Boston Road.

No. 6. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS AND PLACING FENCES IN INWOOD AVENUE, from Cromwell avenue to Featherbed lane.

No. 7. FOR THE CONSTRUCTION OF ROSE HILL PLACE, IN THE TWENTY-FOURTH WARD OF THE CITY OF NEW YORK.

No. 8. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, LAYING CROSSWALKS, BUILDING APPROACHES AND PLACING FENCES IN ONE HUNDRED AND FIFTY-EIGHTH STREET, from River avenue to Walton avenue.

No. 9. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, AND LAYING CROSSWALKS IN WESTCHESTER AVENUE, from the Southern Boulevard to the Bronx river.

No. 10. FOR REGULATING, GRADING, SETTING CURB-STONES, FLAGGING THE SIDEWALKS, AND LAYING CROSSWALKS IN ORCHARD STREET, from Ogden avenue to Marcher avenue.

No. 11. FOR REGULATING AND PAVING, WITH GRANITE-BLOCK PAVEMENT, THE CARRIAGEWAY OF AND LAYING CROSSWALKS IN ONE HUNDRED AND SEVENTY-THIRD STREET, from Third avenue to Vanderbilt Avenue, East.

No. 12. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN VYSE STREET, between East One Hundred and Seventy-seventh street (Tremont avenue) and East One Hundred and Eighty-third street (Samuel street).

No. 13. FOR CONSTRUCTING A SEWER AND APPURTENANCES IN JACKSON AVENUE, from the existing sewer in East One Hundred and Sixty-first street (Chilton street) to a point 100 feet south of East One Hundred and Sixty-fifth street, WITH BRANCH IN EAST ONE HUNDRED AND SIXTY-THIRD STREET, between Jackson avenue and Caldwell avenue.

No. 14. FOR CONSTRUCTING SEWERS AND APPURTENANCES IN SHERIDAN AVENUE, between East One Hundred and Fifty-eighth and East One Hundred and Fifty-third streets, AND IN EAST ONE HUNDRED AND FIFTY-THIRD STREET AND MOIT AVENUE, between Sheridan avenue and the Spuyten Duyvil and Port Morris Railroad.

avenue; IN WESTCHESTER AVENUE, between Rogers place and Prospect avenue; IN STEBBINS AVENUE, between Dawson street and East One Hundred and Sixty-fifth street; IN EAST ONE HUNDRED AND SIXTY-THIRD STREET, between Stebbins avenue and Prospect avenue, and in ROGERS PLACE, between Dongan street and Westchester avenue.

No. 17, FOR COMPLETING THE CONSTRUCTION OF A SEWER AND APPURTENANCES IN ST. JOSEPH'S STREET, from the existing sewer at Timpon place to Robbins avenue, WITH BRANCHES AS FOLLOWS: In Southern Boulevard (both sides), between St. Joseph's street and summit north of Dater street; in Union avenue, between Southern Boulevard and East One Hundred and Forty-ninth street; in Wales avenue, between St. Joseph's street and summit north of Dater street; in Concord avenue, between St. Joseph's street and Dater street; in Beach avenue, between Southern Boulevard and summit north of Dater street.

No. 18, FOR COMPLETING THE CONSTRUCTION OF SEWERS AND APPURTENANCES IN CERTAIN AVENUES AND STREETS WITHIN THE DISTRICT BOUNDED BY FIFTEENTH STREET, WHITE PLAINS AVENUE, MORRIS STREET AND THE BRONX RIVER.

No. 19, FOR THE CONSTRUCTION OF A VIADUCT OVER THE TRACKS OF THE NEW YORK AND HARLEM RAILROAD AND THE PORT MORRIS BRANCH OF THE NEW YORK AND HARLEM RAILROAD CONNECTING MELROSE AVENUE, from East One Hundred and Sixty-third street to the junction of Webster avenue and Brook avenue, at East One Hundred and Sixty-fifth street, in the City of New York. Chapter 680, Laws of 1897.

No. 20, FOR CONSTRUCTING BRIDGES AND ABUTMENTS AT THE CROSSINGS OF GERARD AVENUE, WALTON AVENUE AND RIVER AVENUE, AND THE NEW YORK CENTRAL AND HUDSON RIVER RAILROAD, AND OF FORT INDEPENDENCE STREET AND THE NEW YORK AND PUTNAM RAILROAD.

Each estimate must contain the name and place of residence of the person making the same, the names of all persons interested with him therein, and if no other person be so interested it shall distinctly state that fact. That it is made without any connection with any other person making an estimate for the same work, and is in all respects fair and without collusion or fraud. That no member of the Common Council, head of a department, chief of a bureau, deputy thereof, or clerk therein, or other officer of the Corporation, is directly or indirectly interested in the estimate or in the work to which it relates or in the profits thereof.

Each bid or 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 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.

The Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards reserves the right to reject all bids received for any particular work if he deems it for the best interests of the City.

Blank forms of bid or estimate, the proper envelopes in which to inclose the same, the specifications and agreements, and any further information desired, can be obtained at this office.

LOUIS F. HAFEN, Commissioner of Street Improvements, Twenty-third and Twenty-fourth Wards.

DEPARTMENT OF DOCKS.

TO CONTRACTORS. (No. 613.) PROPOSALS FOR ESTIMATES FOR PREPARING FOR AND BUILDING A CRIBWORK BULKHEAD EXTENSION ON TOP OF THE PRESENT CRIBWORK AT RIKER'S ISLAND, EAST RIVER.

ESTIMATES FOR PREPARING FOR AND BUILDING A CRIBWORK BULKHEAD extension on top of the present cribwork at Riker's Island, will be received by the Board of Commissioners at the head of the Department of Docks, at the office of said Department, on Pier "A," foot of Battery place, North river, in the City of New York, until 11.30 o'clock A. M. of

THURSDAY, DECEMBER 2, 1897,

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

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

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

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

1. About 372,000 cubic feet, more or less of cribwork, complete.
2. Wooden mooring posts, 10.
3. Labor of every description.

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

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

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

The work to be done under the contract is to be commenced within five days after the date of the receipt of a notification from the Engineer-in-Chief that the work or any part of it is ready to be begun, and all the work to be done under the contract is to be fully completed on or before the expiration of 60 days after the date of service of said notification, and the damages to be paid by the contractor for each day that the contract may be unfulfilled after the time fixed for the fulfillment thereof has expired, are, by a clause in the contract, determined, fixed and liquidated at Fifty Dollars per day.

Where the City of New York owns the wharf, pier or bulkhead at which the materials under this contract are to be delivered, and the same is not leased, no charge will be made to the contractor for wharfage upon vessels conveying said materials.

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

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

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

Bidders are required to state in their estimates their names and places of residence, the names of all persons interested with them therein, and if no other person be so interested, the estimate shall distinctly state that fact; also that the estimate is made without any consultation, connection or agreement with and the amount thereof has not been disclosed to any other person or persons making an estimate for the same purpose, and is not higher than the lowest regular market price for the same kind of labor or material, and is in all respects fair and without collusion or fraud; that no combination or pool exists of which the bidder is a member, or in which the bidder is directly or indirectly interested, or of which the bidder has knowledge, either personal or otherwise, to bid a certain price or not less than a certain price for said labor or material, or to keep others from bidding thereon, and also that no member of the Common Council, head of a Department, Chief of a Bureau, Deputy thereof, or Clerk therein, or any other officer or employee of the Corporation of the City of New York, or any of its departments, is directly or indirectly interested in the estimate, or in the supplies or work to which it relates, or in any portion of the profits thereof, and has not been given, offered or promised, either directly or indirectly, any pecuniary or other consideration by the bidder or anyone in his behalf with a view to influencing the action or judgment of such officer or employee in this or any other transaction heretofore had with this Department, which estimate must be verified by the oath, in writing, of the party making the estimate that the several matters stated therein are in all respects true. *Where more than one person is interested, it is requisite that the certification be made and subscribed to by all the parties interested.*

In case a bid shall be submitted by or in behalf of any corporation, it must be signed in the name of such corporation by some duly authorized officer or agent thereof, who shall also subscribe his own name and office. If practicable, the seal of the corporation should also be affixed.

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

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

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

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

In case there are two or more bids at the same price, which price is the lowest price bid, the contract, if awarded, will be awarded by lot to one of the lowest bidders.

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

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

EDWARD C. O'BRIEN, EDWIN EINSTEIN, JOHN MONKS, Commissioners of the Department of Docks.

Dated NEW YORK, October 14, 1897.

STREET CLEANING DEPT.

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

GEORGE E. WARING, JR., Commissioner of Street Cleaning.

DAMAGE COMM.—23-24 WARDS.

PURSUANT TO THE PROVISIONS OF CHAPTER 537 of the Laws of 1893, entitled "An act providing for ascertaining and paying the amount of damages to lands and buildings suffered by reason of changes of grade of streets or avenues, made pursuant to chapter 721 of the Laws of 1887, providing for the depression of railroad tracks in the Twenty-third and Twenty-fourth Wards, in the City of New York, of '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 3 o'clock P. M., until further notice.

Dated NEW YORK, October 30, 1897.
DANIEL LORD, JAMES M. VARNUM, GEORGE W. STEPHENS, Commissioners.
LAMONT McLOUGHLIN, Clerk.

AQUEDUCT COMMISSION.

PUBLIC AUCTION.

WEDNESDAY, DECEMBER 1, 1897, AT 10 O'CLOCK A. M.

THE AQUEDUCT COMMISSIONERS OF THE City of New York will sell at public auction, under the direction of N. H. Voris, Auctioneer, on the premises, certain buildings now standing within the purchase line of the New Croton Reservoir, at Katonah, Westchester County, New York.

Parcel No.	DESCRIPTION.	Minimum Price
200.	Dwelling-house, frame, two-story.....	\$50 00
	Privy.....	.....
	Pig-pen.....	.....
	Chicken-coop.....	.....
	Wood-house.....	5 00
201.	Dwelling-house, frame, one-story and attic.....	35 00
	Privy.....	.....
	Dwelling-house, frame, one-story and attic.....	15 00
	Privy.....	.....
	Dwelling-house, frame, one-story and attic.....	30 00
	Privy.....	.....
202.	Barn.....	8 00
	Chicken-coop.....	3 00
	Privy.....	.....
203.	Barn.....	5 00
220.	Dwelling-house, frame, two-story, extensions.....	100 00
	Barn, additions.....	40 00
	Chicken coop.....	5 00
	Horn-shed.....	10 00
	Privy.....	.....
277.	Dwelling-house, frame, two-story and attic.....	150 00
	Ice-house.....	5 00
	Workshop and chicken coop.....	8 00
	Privy.....	.....
278.	Workshop, frame.....	10 00
285.	Dwelling-house, frame, three-story.....	75 00
	Wood-house and wash-house.....	15 00
342.	Blacksmith shop.....	5 00
353.	Dwelling-house, frame, one-story, small.....	5 00
356.	Dwelling-house, frame, one-story.....	5 00

TERMS OF SALE.

First—The purchase money must be paid on the day of sale.

Second—The buildings will be sold to the stone foundations.

Third—The buildings must be moved off the City's property by April 1, 1898.

Fourth—The buildings must be moved to new sites, which are at least two hundred feet from the Croton river, or any of its affluents or any drains emptying therein.

Fifth—No building will be sold for less than the minimum price given in the CITY RECORD and in the posters.

Sixth—If any building or part of the same is left on the property of the City on and after the 1st day of April, 1898, the purchaser shall forfeit all right and title to the building or any part of building so left, and also to the money part of the consideration paid at the time of sale; and the Aqueduct Commissioners may, at any time on or after the 1st day of April, 1898, resell said buildings or part of buildings, or remove or destroy the same.

The Aqueduct Commissioners reserve the right to exclude from such sale any building or buildings that may be designated by the Division Engineer.

By order of the Aqueduct Commissioners of the City of New York. JOHN J. TUCKER, Vice President.
EDWARD L. ALLEN, Secretary.

BOARD OF EDUCATION.

SEALED PROPOSALS WILL BE RECEIVED by the Committee on Buildings of the Board of Education of the City of New York, at the Annex of the Hall of the Board, No. 585 Broadway, eleventh floor, until 3.30 o'clock P. M., on Monday, December 6, 1897, for Erecting a New Public School Building on East One Hundred and Eighty-third street (Columbine), between Beaumont (Jackson) and Cambreling (Monroe) avenues.

Plans and specifications may be seen and blank proposals obtained at the Annex of the Hall of the Board, Estimating Room, Nos. 419 and 421 Broome street, top floor.

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 reserve 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 in all cases.

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 said 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 Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so 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 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.

EDWARD H. PEASLEE, RICHARD H. ADAMS, DANIEL E. McSWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.
Dated NEW YORK, November 24, 1897.

SEALED PROPOSALS WILL BE RECEIVED BY the Committee on Buildings of the Board of Education of the City of New York, at the Annex of the Hall of the Board, No. 585 Broadway, eleventh floor, until 3.30 o'clock P. M. on Tuesday, November 30, 1897, for Erecting a New Building for Public School No. 169, on west side of Audubon avenue, between One Hundred and Sixty-eighth and One Hundred and Sixty-ninth streets; also for Supplying Heating and Ventilating Apparatus and Electric-lighting Plant for Public School No. 157; also for making Alterations, Repairs, etc., to Public School No. 121.

Plans and specifications may be seen and blank proposals obtained at the Annex of the Hall of the Board, Estimating Room, Nos. 419 and 421 Broome street, top floor.

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 reserve 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 in all cases.

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 said 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 Board will return all the deposits of checks and certificates of deposits made, to the persons making the same, except that made by the person or persons whose bid has been so 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 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.

EDWARD H. PEASLEE, RICHARD H. ADAMS, DANIEL E. McSWEENEY, WILLIAM H. HURLBUT, JACOB W. MACK, Committee on Buildings.
Dated NEW YORK, November 17, 1897.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, until Monday, November 29, 1897, at 4 P. M., for supplying, for the use of the schools under the jurisdiction of said Board, Books, Stationery and other articles required for one year, commencing on the 1st day of January, 1898, with the privilege on the part of the Board of Education to terminate the contract on July 1, 1898, or at any time thereafter. All publishers of books and dealers in the various articles required are notified that preference will be given to the bids of principals, the Committee being desirous that commissions, if any, shall be deducted from the price of the articles bid for. Each contractor will be required to furnish two responsible sureties for the faithful performance of his contract. A sample of each article must accompany the bid. A list of articles required, with the conditions upon which bids will be received, may be obtained on application to the Clerk of the Board. Each proposal must be addressed to the Committee on Supplies, and indorsed "Proposals for Supplies." The Committee reserve the right to reject any bid if deemed for the public interest.

Dated November 15, 1897.
HUGH KELLY, AUGUSTE P. MONTANT, JOSEPH J. LITTLE, EDWARD H. PEASLEE, WALTER E. ANDREWS, Committee on Supplies.

SEALED PROPOSALS WILL BE RECEIVED at the office of the Board of Education, corner of Grand and Elm streets, until Monday, November 29, 1897, at 4 P. M., for delivering Supplies, for the various schools under the jurisdiction of said Board and returning to the Depository such material as is not needed in the schools, during the year 1898, according to the terms of a contract to be approved by the Committee on Supplies of said Board.

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

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

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

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

NEW YORK, November 15, 1897.
HUGH KELLY, AUGUSTE P. MONTANT, JOSEPH J. LITTLE, EDWARD H. PEASLEE, WALTER E. ANDREWS, Committee on Supplies.

CITY CIVIL SERVICE COMM.

NEW CRIMINAL COURT BUILDING, NEW YORK, November 20, 1897.

EXAMINATIONS WILL BE HELD AS FOLLOWS:

Tuesday, November 30, 10 A. M., TOPOGRAPHICAL DRAUGHTSMAN. Examination will consist of writing, arithmetic, technical knowledge and experience.

Wednesday, December 1, 10 A. M., COPYIST, LAW DEPARTMENT. Examination will consist of arithmetic, dictation, spelling, letter-writing and a special paper on knowledge of legal forms, keeping a law diary and copying from manuscript.

Monday, December 6, 10 A. M., MASON BUILDING INSPECTORS. This examination will be oral and will consist of reading plans and other practical matter. Candidates passing this oral examination successfully will be notified to appear for a written technical examination later. The written examination will consist of writing, arithmetic, technical knowledge and experience. Applicants must have at least ten years' experience and be able to read building plans.

Applications are desired for the position of House-keeper.

S. WILLIAM BRISCOE, Secretary.

NEW YORK, November 20, 1897.
NOTICE IS GIVEN THAT THE REGISTRATION day in the Labor Bureau will be Friday, and that examinations will take place on that day at 1 P. M.

S. WILLIAM BRISCOE, Secretary.

SUPREME COURT.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND EIGHTY-THIRD STREET (although not yet named by proper authority), from Arthur Avenue to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Thursday, the 9th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Eighty-third street, from Arthur Avenue to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point in the western line of Hughes Avenue distant 437.14 feet northerly from the intersection of the western line of Hughes Avenue with the northern line of East One Hundred and Eighty-second street:

- 1st. Thence northerly along the western line of Hughes Avenue for 60 feet.
- 2d. Thence westerly deflecting 90 degrees to the left for 384.15 feet to the eastern line of Arthur Avenue.
- 3d. Thence southerly along the eastern line of Arthur Avenue for 61.14 feet.
- 4th. Thence easterly for 395 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the eastern line of Hughes Avenue distant 480 feet northerly from the intersection of the eastern line of Hughes Avenue with the northern line of East One Hundred and Eighty-second street:

- 1st. Thence northerly along the eastern line of Hughes Avenue for 60 feet.
- 2d. Thence easterly deflecting 90 degrees to the right for 207 feet to the western line of Belmont Avenue.
- 3d. Thence southerly along the western line of Belmont Avenue for 70 feet.
- 4th. Thence westerly for 200 feet to the point of beginning.

PARCEL "C."

Beginning at a point in the western line of Crotona Avenue distant 770 feet southerly from the intersection of the western line of Crotona Avenue with the southern line of East One Hundred and Eighty-seventh street:

- 1st. Thence southerly along the western line of Crotona Avenue for 62.05 feet.
- 2d. Thence westerly deflecting 75 degrees 14 minutes 49 seconds to the right for 664.20 feet to the eastern line of Belmont Avenue.
- 3d. Thence northerly along the eastern line of Belmont Avenue for 60 feet.
- 4th. Thence easterly for 680 feet to the point of beginning.

PARCEL "D."

Beginning at a point in the eastern line of Crotona Avenue, distant 770 feet southerly from the intersection of the eastern line of Crotona Avenue with the southern line of East One Hundred and Eighty-seventh street:

- 1st. Thence southerly along the easterly line of Crotona Avenue for 61.40 feet.
- 2d. Thence easterly deflecting 102 degrees 38 minutes 22 seconds to the left for 637.15 feet to the western line of Southern Boulevard.
- 3d. Thence northerly along the western line of Southern Boulevard for 60.72 feet.
- 4th. Thence westerly for 614.40 feet to the point of beginning.

East One Hundred and Eighty-third street is designated as a street of the first class, and is shown on sections 12 and 13 of the Final Maps and Profiles of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated New York, November 27, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to CAMBRELENG AVENUE (although not yet named by proper authority), from Grote Street to St. John's College, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Thursday, the 9th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Cambreleng Avenue, from Grote Street to St. John's College, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point in the southern line of East One Hundred and Eighty-seventh street distant 430.61 feet westerly from the intersection of the southern line of East One Hundred and Eighty-seventh street with the western line of Crotona Avenue.

- 1st. Thence westerly along the southern line of East One Hundred and Eighty-seventh street for 51.20 feet.
- 2d. Thence southerly deflecting 102 degrees 25 minutes 16 seconds to the left for 1,229.56 feet.
- 3d. Thence easterly curving to the right on the arc of a circle of 480 feet radius whose radius prolonged southerly from the southern extremity of the preceding course deflects 48 degrees 34 minutes 56 seconds to the left from the southern prolongation of said course for 26.36 feet to a point of reverse curve.
- 4th. Thence easterly on the arc of a circle of 275 feet radius for 48.34 feet.
- 5th. Thence northerly for 1,163.18 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the northern line of East One Hundred and Eighty-seventh street distant 469.90 feet westerly from the intersection of the northern line of East One Hundred and Eighty-seventh street with the western line of Crotona Avenue.

- 1st. Thence westerly along the northern line of East One Hundred and Eighty-seventh street for 50 feet.
- 2d. Thence northerly deflecting 90 degrees to the right for 1,292.97 feet to the southern line of Pelham Avenue.
- 3d. Thence easterly along the southern line of Pelham Avenue for 50.93 feet.
- 4th. Thence southerly for 1,302.64 feet to the point of beginning.

PARCEL "C."

Beginning at a point in the northern line of Pelham Avenue distant 176.72 feet westerly from the intersection of the northern line of Pelham Avenue with the western line of Crotona Avenue.

- 1st. Thence westerly along the northern line of Pelham Avenue for 50.93 feet.
- 2d. Thence northerly deflecting 100 degrees 57 minutes to the right for 247.1 feet.
- 3d. Thence easterly deflecting 90 degrees to the right for 50 feet.
- 4th. Thence southerly for 237.43 feet to the point of beginning.

CambreleNG Avenue is designated as a street of the first class, and is shown on section 13 of the Final Maps and Profiles of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated New York, November 27, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to QUARRY ROAD (although not yet named by proper authority), from Third Avenue to Arthur Avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Thursday, the 9th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Quarry Road, from Third Avenue to Arthur Avenue, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

1. Beginning at a point in the eastern line of Third Avenue distant 74.19 feet northerly from the intersection of the eastern line of Third Avenue with the northern line of East One Hundred and Eighty-second street:
- 1st. Thence northerly along the eastern line of Third Avenue for 168.01 feet.
- 2d. Thence easterly deflecting 84 degrees 4 minutes 27 seconds to the right for 64.81 feet.
- 3d. Thence northeasterly deflecting 38 degrees 22 minutes 40 seconds to the left for 77 feet.
- 4th. Thence northeasterly deflecting 24 degrees 5 minutes 55 seconds to the left for 742.77 feet to the western line of Arthur Avenue.
- 5th. Thence southeasterly along the western line of Arthur Avenue for 80 feet.
- 6th. Thence southeasterly deflecting 90 degrees to the right for 79.84 feet.
- 7th. Thence westerly for 262.23 feet to the point of beginning.

Quarry Road is designated as a street of the first class, and is shown on section 13 of the Final Maps and Profiles of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated New York, November 27, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to GROTE STREET (although not yet named by proper authority), from East One Hundred and Eighty-second street to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Thursday, the 9th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Grote Street, from East One Hundred and Eighty-second street to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A."

Beginning at a point in the western line of Crotona Avenue distant 285.71 feet northeasterly from the intersection of the western line of Crotona Avenue with the northern line of East One Hundred and Eighty-second street.

- 1st. Thence northeasterly along the western line of Crotona Avenue for 64.33 feet.
- 2d. Thence westerly deflecting 111 degrees 8 minutes 10 seconds to the left for 138.83 feet.
- 3d. Thence southwesterly curving to the left on the arc of a circle of 275 feet radius and tangent to the preceding course for 252.20 feet to a point of reverse curve.
- 4th. Thence southwesterly on the arc of a circle of 480 feet radius for 80.36 feet to the northern line of East One Hundred and Eighty-second street.
- 5th. Thence southeasterly along the northern line of East One Hundred and Eighty-second street for 60 feet.
- 6th. Thence northeasterly curving to the left on the arc of a circle of 540 feet radius and whose centre lies on the western prolongation of the previous course for 90.40 feet to a point of reverse curve.
- 7th. Thence northeasterly on the arc of a circle of 215 feet radius for 197.17 feet.
- 8th. Thence easterly for 115.64 feet to the point of beginning.

PARCEL "B."

Beginning at a point in the eastern line of Crotona Avenue distant 323.85 feet northeasterly from the intersection of the eastern line of Crotona Avenue with the northern line of East One Hundred and Eighty-second street.

- 1st. Thence northeasterly along the eastern line of Crotona Avenue for 78.22 feet.
- 2d. Thence easterly deflecting 55 degrees 29 minutes 6 seconds to the right for 736.86 feet to the western line of the Southern Boulevard.
- 3d. Thence southerly along the western line of the Southern Boulevard for 60.72 feet.
- 4th. Thence westerly for 737.41 feet to the point of beginning.

Grote Street is designated as a street of the first class, and is shown on sections 12 and 13 of the Final Maps and Profiles of the City of New York, filed in the office of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

of New York October 31, 1895, in the office of the Register of the City and County of New York November 2, 1895, and in the office of the Secretary of State of the State of New York November 2, 1895.

Dated New York, November 27, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening a PUBLIC PLACE bounded by East One Hundred and Forty-ninth street, Bergen Avenue and Gerard Street, and also to GERARD STREET (although not yet named by proper authority), from East One Hundred and Forty-ninth street to Bergen Avenue, in the Twenty-third Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 29th day of October, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 11th day of November, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of December, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, November 24, 1897.
WILBUR LARREMORE, ARCHIBALD R. BRASHER, HIRAM A. MERRELL, Commissioners,
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WEST TWO HUNDRED AND THIRTY-SECOND STREET (although not yet named by proper authority), from Riverside Avenue to Broadway, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 29th day of October, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 11th day of November, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway (ninth floor), in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of December, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, November 24, 1897.
JAMES M. VARNUM, SAMUEL L. BERRIAN, GEO. CHAPPELL, Commissioners,
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening BROADWAY (although not yet named by proper authority), from its present southerly terminus in the Twenty-fourth Ward, to the southern line of Van Cortlandt Park, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 29th day of October, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and

assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 11th day of November, 1897; and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of December, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, November 24, 1897.
GROSVENOR S. HUBBARD, GEO. DRAKE SMITH, WILLIS HOLLY, Commissioners,
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening LOWMEDE STREET (although not yet named by proper authority), from Gun Hill Road to East Two Hundred and Tenth street, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court, bearing date the 29th day of October, 1897, Commissioners of Estimate and Assessment for the purpose of making a just and equitable estimate and assessment of the loss and damage, if any, or of the benefit and advantage, if any, as the case may be, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the lands, tenements, hereditaments and premises required for the purpose by and in consequence of opening the above-mentioned street or avenue, the same being particularly set forth and described in the petition of The Mayor, Aldermen and Commonalty of the City of New York, and also in the notice of the application for the said order thereto attached, filed herein in the office of the Clerk of the City and County of New York on the 11th day of November, 1897, and a just and equitable estimate and assessment of the value of the benefit and advantage of said street or avenue so to be opened or laid out and formed, to the respective owners, lessees, parties and persons respectively entitled unto or interested in the said respective lands, tenements, hereditaments and premises required for the purpose of opening, laying out and forming the same, but benefited thereby, and of ascertaining and defining the extent and boundaries of the respective tracts or parcels of land to be taken or to be assessed therefor, and of performing the trusts and duties required of us by chapter 16, title 5, of the act entitled "An act to consolidate into one act and to declare the special and local laws affecting public interests in the City of New York," passed July 1, 1882, and the acts or parts of acts in addition thereto or amendatory thereof.

All parties and persons interested in the real estate taken or to be taken for the purpose of opening the said street or avenue, or affected thereby, and having any claim or demand on account thereof, are hereby required to present the same, duly verified, to us, the undersigned Commissioners of Estimate and Assessment, at our office, Nos. 90 and 92 West Broadway (ninth floor), in the City of New York, with such affidavits or other proofs as the said owners or claimants may desire, within twenty days after the date of this notice.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of December, 1897, at 10 o'clock in the forenoon of that day, to hear the said parties and persons in relation thereto, and at such time and place, and at such further or other time and place as we may appoint, we will hear such owners in relation thereto and examine the proofs of such claimant or claimants, or such additional proofs and allegations as may then be offered by such owner, or on behalf of The Mayor, Aldermen and Commonalty of the City of New York.

Dated New York, November 24, 1897.
JOHN A. GROW, GEORGE J. GROSSMAN, WALTER A. BURKE, Commissioners,
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening a PUBLIC PLACE bounded by East One Hundred and Sixty-first street, Elton Avenue, East One Hundred and Sixty-second street and Washington Avenue; and also Public Place, bounded by East One Hundred and Sixty-first street, Washington Avenue, East One Hundred and Sixty-second street and Brook Avenue, in the Twenty-third Ward of the City of New York.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Monday, the 6th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain Public Place, bounded by East One Hundred and Sixty-first street, Elton Avenue, East One Hundred and Sixty-second street and Washington Avenue; and also Public Place, bounded by East One Hundred and Sixty-first street, Washington Avenue, East One Hundred and Sixty-second street and Brook Avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Public place bounded by East One Hundred and Sixty-first street, Elton Avenue, East One Hundred and Sixty-second street and Washington Avenue.

Beginning at the intersection of the northern line of East One Hundred and Sixty-first street with the western line of Washington Avenue:

1st. Thence westerly along the northern line of East One Hundred and Sixty-first street for 141.16 feet.

2d. Thence northeasterly deflecting 128 degrees 57 minutes 30 seconds, to the right, for 203.76 feet to the western line of Washington avenue.

3d. Thence southerly along the westerly line of Washington avenue for 158.98 feet to the point of beginning.

Public place bounded by East One Hundred and Sixty-first street, Washington avenue, East One Hundred and Sixty-second street and Brook avenue.

Beginning at the intersection of the eastern line of Washington avenue with the northern line of East One Hundred and Sixty-first street.

1st. Thence northerly along the eastern line of Washington avenue for 178.47 feet to the southern line of East One Hundred and Sixty-second street.

2d. Thence easterly along the said line for 37.81 feet to the western line of Brook avenue.

3d. Thence southeasterly along the said line 24.31 feet to an angle point in the same.

4th. Thence southerly still along the said line for 181.02 feet to the northern line of East One Hundred and Sixty-first street.

5th. Thence westerly along the said line for 125.35 feet to the point of beginning.

As shown on section 6 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on August 6, 1895, in the office of the Register of the City and County of New York on August 7, 1895, and in the office of the Secretary of State of the State of New York on August 9, 1895.

Dated New York, November 23, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not heretofore been acquired, to EAST ONE HUNDRED AND EIGHTY-SECOND STREET (although not yet named by proper authority), from Webster avenue to Park avenue (Vanderbilt avenue, West), in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Monday, the 6th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Eighty-second street, from Webster avenue to Park avenue (Vanderbilt avenue, West), in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the eastern line of Webster avenue, distant 68.38 feet southerly from the intersection of the eastern line of Webster avenue with the southern line of East One Hundred and Eighty-third street:

1st. Thence southerly along the eastern line of Webster avenue for 60.05 feet.

2d. Thence easterly deflecting 87 degrees 42 minutes 52 seconds to the left for 182.47 feet to the western line of Park avenue (Vanderbilt avenue, West).

3d. Thence northerly along the western line of Park avenue (Vanderbilt avenue, West) for 60.23 feet.

4th. Thence westerly for 179.60 feet to the point of beginning.

East One Hundred and Eighty-second street is designated as a street of the first class, and is shown on sections 13 and 14 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on October 13, 1895, in the office of the Register of the City and County of New York, section 13 on November 2, 1895, and section 14 on November 2, 1895, in the office of the Secretary of State of the State of New York, section 13 on November 2, 1895, and section 14 on November 2, 1895.

Dated New York, November 23, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not heretofore been acquired, to GARDEN STREET (although not yet named by proper authority), from Grote street to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Monday, the 6th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as Garden street, from Grote street to Southern Boulevard, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Crotona avenue distant 200.78 feet northeasterly from the intersection of the western line of Crotona avenue with the northern line of East One Hundred and Eighty-second street:

1st. Thence northeasterly along the western line of Crotona avenue for 84.93 feet.

2d. Thence westerly deflecting 111 degrees 8 minutes 10 seconds to the left for 115.64 feet.

3d. Thence westerly curving to the left on the arc of a circle of 215 feet radius tangent to the preceding course for 100.64 feet.

4th. Thence southeasterly for 190.46 feet to the point of beginning.

PARCEL "B." Beginning at a point in the eastern line of Crotona avenue distant 200.78 feet northeasterly from the intersection of the eastern line of Crotona avenue with the northern line of East One Hundred and Eighty-second street.

1st. Thence northeasterly along the eastern line of Crotona avenue for 50.20 feet.

2d. Thence southeasterly deflecting 84 degrees 56 minutes 20 seconds to the right for 924.42 feet to the western line of Southern Boulevard.

3d. Thence southerly along the western line of Southern Boulevard for 55.99 feet.

4th. Thence northwesterly for 944.05 feet to the point of beginning.

Garden street is designated as a street of the first class, and is shown on sections 12 and 13 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on October 31, 1895, in the office of the Register of the City and County of New York on November 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

ber 2, 1895, and in the office of the Secretary of State of the State of New York on November 2, 1895.

Dated New York, November 23, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not heretofore been acquired, to RITTER PLACE (although not yet named by proper authority), from Union avenue to Prospect avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Monday, the 6th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue, known as Ritter place, from Union avenue to Prospect avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Prospect avenue distant 193.75 feet northerly from the intersection of the western line of Prospect avenue with the northern line of Freeman street.

1st. Thence northerly along the western line of Prospect avenue for 34.97 feet.

2d. Thence westerly deflecting 107 degrees 30 minutes 28 seconds to the left for 425.78 feet to the eastern line of Union avenue.

3d. Thence southerly along the eastern line of Union avenue for 50 feet.

4th. Thence easterly for 403.64 feet to the point of beginning.

Ritter place is designated as a street of the first class, and is shown on section 10 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on June 10, 1895, in the office of the Register of the City and County of New York on June 14, 1895, and in the office of the Secretary of State of the State of New York on June 15, 1895.

Dated New York, November 23, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, relative to acquiring title, wherever the same has not heretofore been acquired, to EAST ONE HUNDRED AND SIXTY-THIRD STREET (although not yet named by proper authority), from Third avenue to Brook avenue, in the Twenty-third Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, in the County Court-house, in the City of New York, on Monday, the 6th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Sixty-third street, from Third avenue to Brook avenue, in the Twenty-third Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

PARCEL "A." Beginning at the intersection of the western line of Third avenue with the northern line of East One Hundred and Sixty-third street (formerly First street, ceded by Gouverneur Morris November 8, 1864):

1st. Thence northerly along the western line of Third avenue for 50.01 feet.

2d. Thence westerly deflecting 91 degrees 2 minutes 10 seconds to the left for 481.21 feet to the eastern line of Washington avenue.

3d. Thence southerly along the eastern line of Washington avenue for 50 feet to the northern line of East One Hundred and Sixty-third street (formerly First street).

4th. Thence easterly along the said northern line for 479.97 feet to the point of beginning.

PARCEL "B." Beginning at the intersection of the eastern line of Brook avenue with the northern line of East One Hundred and Sixty-third street (formerly First street, ceded by Gouverneur Morris November 8, 1864):

1st. Thence northerly along the eastern line of Brook avenue for 12.48 feet.

2d. Thence easterly deflecting 126 degrees 46 minutes 15 seconds to the right for 146.03 feet to the western line of Washington avenue.

3d. Thence southerly along the western line of Washington avenue for 10 feet to the northern line of aforesaid East One Hundred and Sixty-third street.

4th. Thence westerly along the northern line of aforesaid East One Hundred and Sixty-third street for 138.62 feet to the point of beginning.

East One Hundred and Sixty-third street is designated as a street of the first class, as shown on section 6 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on the 6th day of August, 1895, in the office of the Register of the City and County of New York on the 7th day of August, 1895, and in the office of the Secretary of State of the State of New York on the 9th day of August, 1895.

Dated New York, November 23, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on INTERVALE AVENUE, DONGAN AND KELLY STREETS, in the Twenty-third 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Intervale avenue, Dongan and Kelly streets, in the Twenty-third

Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twenty-third Ward of the City of New York, bounded and described as follows:

Beginning at the corner formed by the intersection of the northerly line of Dongan street with the easterly line of Intervale avenue; running thence northerly along said easterly line of Intervale avenue 200 feet; thence easterly parallel with Dongan street 200 feet to the westerly line of Kelly street; thence southerly along said westerly line of Kelly street 200 feet to the northerly line of Dongan street; thence westerly along said northerly line of Dongan street 200 feet to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonalty of the City of New York, by and through the Department of Public Parks, relative to acquiring title to certain lands in the Twelfth Ward of the City of New York, for public use and public purposes, and for a Public Place and Public Park and Parkway, under and pursuant to the provisions of chapter 746 of the Laws of 1894.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate in the above-entitled matter, appointed pursuant to the provisions of chapter 746 of the Laws of 1894, hereby give notice to the owners, lessees, parties and persons respectively entitled to or interested in the lands, tenements, hereditaments and premises laid out, appropriated or designated pursuant to said act, for a public place or public park and parkway, bounded on the south by the northerly side of One Hundred and Eleventh street, on the north by the southerly side of One Hundred and Fourteenth street, on the west by the easterly side of First avenue, and on the east by the bulkhead-line of the East river, title to which is sought to be acquired in this proceeding, and to all others whom it may concern, to wit:

First—That we have completed our Second Separate Estimate of the loss and damage to the respective owners, lessees, parties and persons respectively entitled to or interested in that portion of said lands, tenements, hereditaments and premises, bounded on the north by the southerly side of One Hundred and Twelfth street, on the south by the northerly side of One Hundred and Eleventh street, on the west by the easterly side of First avenue, and on the east by the westerly side of Pleasant avenue, with the exception of the parcels known and designated on our Damage Map as Nos. 112 to 125, both inclusive, and Nos. 101 and 102, and that we have, on November 17, 1897, deposited a true report or transcript of such estimate in the office of the Commissioner of Public Works in the City of New York, for the inspection of whomsoever it may concern.

Second—That any person or persons whose rights may be affected by said estimate, and who may object to the same, or any part thereof, may, within ten days after the first presentation of this notice, November 22, 1897, set forth their objections to the same in writing, to us, at our office, Room 113, on the third floor of the Stewarts Building, No. 280 Broadway, in the City of New York, as provided by section 3 of chapter 746 of the Laws of 1894, and that we, the said Commissioners, will hear parties so objecting, at our said office, on the 6th day of December, 1897, at 3 o'clock in the afternoon, and upon such subsequent days as may be found necessary.

Third—That our report herein will be presented to the Supreme Court of the State of New York, at an Appellate Division of said Court, to be held in and for the First Judicial Department, in the County Court-house, No. 111 Fifth avenue, in the City of New York, on the 17th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel may be heard, and that then and there a motion will be made that the said report be confirmed.

Dated New York, November 22, 1897.
ABRAHAM KLING, RICHARD V. HARNETT,
EDMUND L. MOONEY, Commissioners,
T. W. B. HUGHES, Clerk.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on MADISON AVENUE, ONE HUNDRED AND TWENTY-SEVENTH AND ONE HUNDRED AND TWENTY-EIGHTH STREETS, 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Madison avenue, One Hundred and Twenty-seventh and One Hundred and Twenty-eighth streets, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at the corner formed by the intersection of the southerly line of One Hundred and Twenty-eighth street with the westerly line of Madison avenue; running thence southerly along said westerly line of Madison avenue 99 feet and 11 inches; thence westerly parallel with One Hundred and Twenty-eighth street 110 feet; thence southerly parallel with Madison avenue 99 feet and 11 inches to the northerly line of One Hundred and Twenty-seventh street; thence westerly along said northerly line of One Hundred and Twenty-seventh street 25 feet; thence northerly parallel with Madison avenue 99 feet and 11 inches; thence westerly parallel with One Hundred and Twenty-eighth street 75 feet; thence northerly parallel with Madison avenue 99 feet and 11 inches to the southerly line of One Hundred and Twenty-eighth street; thence easterly along said southerly line of One Hundred and Twenty-eighth street 210 feet to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York, to certain lands on the SOUTHWESTERLY CORNER OF GOUVERNEUR AND MONROE STREETS in the Seventh 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, at the southwest corner of Gouverneur and Monroe streets, in the Seventh Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof; said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Seventh Ward of the City of New York, bounded and described as follows:

Beginning at the point formed by the intersection of the southerly line of Monroe street and the westerly line of Gouverneur street, running thence westerly along the southerly line of Monroe street 64 feet 11 1/2 inches to the easterly line of the present school site; thence southerly and partly along the easterly line of present school site in a straight line or nearly so 122 feet 9 1/2 inches to a point that is distant westerly from the westerly line of Gouverneur street 67 feet 7 3/4 inches; thence easterly 67 feet 7 3/4 inches to the westerly line of Gouverneur street; thence northerly along the westerly line of Gouverneur street 122 feet 7 3/4 inches to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands on the NORTHERLY SIDE OF NINETY-FIFTH STREET AND THE SOUTHERLY SIDE OF NINETY-SIXTH STREET, between First and Second 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of Ninety-fifth street and the southerly side of Ninety-sixth street, between First and Second avenues, in the Twelfth Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

Beginning at a point on the northerly line of Ninety-fifth street, distant 175 feet westerly from the corner formed by the intersection of the northerly line of Ninety-fifth street and the westerly line of First avenue; running thence northerly and parallel with First avenue 201 feet and 5 inches to the southerly side of Ninety-sixth street; thence westerly along the southerly line of Ninety-sixth street 150 feet; thence southerly and parallel with First avenue 201 feet 5 inches to the northerly line of Ninety-fifth street; thence easterly along the northerly line of Ninety-fifth street 150 feet to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Counsel to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands on the SOUTHERLY SIDE OF FIFTY-SECOND STREET, between Park and Lexington avenues, in the Nineteenth 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 OF THE LAWS OF 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III, thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonalty of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the southerly side of Fifty-second street, between Park and Lexington avenues, in the Nineteenth Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Nineteenth Ward of the City of New York, bounded and described as follows:

Beginning at a point in the southerly line of Fifty-second street distant 90 feet westerly from the corner formed by the intersection of the westerly line of Lexington avenue and the southerly line of Fifty-second street; running thence westerly along the southerly line of Fifty-second street 60 feet; thence southerly parallel with Lexington avenue and partly through a party wall 100 feet 5 inches to the centre line of the block and the rear of the present school site; thence easterly along said centre line 60 feet; thence northerly parallel with Lexington avenue 100 feet 5 inches to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonality of the City of New York to certain lands on the EASTERLY SIDE OF ESSEX STREET AND THE WESTERLY SIDE OF NORFOLK STREET, between Grand and Hester streets, in the Tenth Ward of said City, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the easterly side of Essex street and the westerly side of Norfolk street, between Grand and Hester streets, in the Tenth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land, situate, lying and being in the Tenth Ward of the City of New York, bounded and described as follows:

First—Beginning at a point in the easterly line of Essex street distant 125 feet northerly from the corner formed by the intersection of the easterly line of Essex street and the northerly line of Hester street; running thence easterly parallel with Hester street 100 feet to the centre line of the block and the westerly line of the present site of Public School 75; thence northerly along the centre line of the block and the westerly line of the present site of Public School 75, 75 feet; thence westerly parallel with Hester street 100 feet to the easterly line of Essex street; thence southerly along the easterly line of Essex street 75 feet to the point or place of beginning.

Second—Beginning at a point in the westerly line of Norfolk street distant 175 feet 4 inches southerly from the corner formed by the intersection of the westerly line of Norfolk street and the southerly line of Grand street; running thence westerly parallel with Grand street 100 feet to the centre line of the block; thence southerly along the centre line of the block parallel with Norfolk street 24 feet 10 inches to the northerly line of the present site of Public School 75; thence easterly parallel with Grand street and along the northerly line of the present site of Public School 75, 100 feet to the westerly line of Norfolk street; thence northerly along the westerly line of Norfolk street 24 feet 10 inches to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonality of the City of New York to certain lands on the NORTHERLY SIDE OF ONE HUNDRED AND FOURTEENTH STREET, between Third and Lexington 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of One Hundred and Fourteenth street, between Third and Lexington avenues, in the Twelfth Ward of said City, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twelfth Ward of the City of New York, bounded and described as follows:

First—Beginning at a point in the northerly line of One Hundred and Fourteenth street distant 105 feet westerly from the corner formed by the intersection of the westerly line of Third avenue with the northerly line of One Hundred and Fourteenth street; running thence westerly along said northerly line of One Hundred and Fourteenth street 10 feet; thence northerly parallel with Third avenue 100 feet and 11 inches to the centre line of the block between One Hundred and Fourteenth and One Hundred and Fifteenth streets; thence easterly parallel with One Hundred and Fourteenth street and along said centre line of the block 19 feet; thence southerly parallel with Third avenue 100 feet and 11 inches to the point or place of beginning.

Second—Beginning at a point in the northerly line of One Hundred and Fourteenth street distant 150 feet and 5 inches westerly from the corner formed by the intersection of the westerly line of Third avenue with the northerly line of One Hundred and Fourteenth street; running thence westerly along said northerly line of One Hundred and Fourteenth street 22 feet and 4 inches; thence northerly parallel with Third avenue 100 feet and 11 inches to the centre line of the block between One Hundred and Fourteenth and One Hundred and Fifteenth streets; thence easterly parallel with One Hundred and Fourteenth street and along said centre line of the block 22 feet and 4 inches; thence southerly parallel with Third avenue 100 feet and 11 inches to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extending of WILKINS PLACE (although not yet named by proper authority), from the Southern Boulevard to Boston road, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third and Twenty-fourth Wards of the City of New York.

WE, THE UNDERSIGNED COMMISSIONERS of Estimate and Assessment in the above-entitled matter, hereby give notice to all persons interested in this proceeding, and to the owner or owners, occupant or occupants, of all houses and lots and

improved and unimproved lands affected thereby, and to all others whom it may concern, to wit:

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 10.30 o'clock A.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the said City, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together, are bounded and described as follows, viz.:

Beginning at a point on the northerly side of West Farms road distant 100 feet northerly from the northerly side of Freeman street as measured at right angles; thence southerly along the southerly side of West Farms road to a line drawn parallel to Freeman street and distant 100 feet southerly from the southerly side thereof; thence along said line to a line drawn parallel to Vyse street and distant 100 feet easterly from the easterly side thereof; thence along said line to a line drawn parallel to East One Hundred and Sixty-seventh street and distant 100 feet southerly from the southerly side thereof; thence along said line to the westerly side of Fox street; thence along a line drawn parallel to East One Hundred and Sixty-ninth street and said line produced and distant 100 feet southerly from the southerly side thereof to a line drawn parallel to Stebbins avenue and said line produced and distant 100 feet westerly from the westerly side thereof; thence along said line and said line produced to its intersection with a line drawn parallel to Bristol street and distant 100 feet westerly from the westerly side thereof; thence along said line to a line drawn parallel to Boston road and distant 100 feet southerly from the southerly side thereof; thence along said line to a line drawn parallel to Prospect avenue and said line produced and distant 100 feet westerly from the westerly side thereof; thence along said line and said line produced to a line drawn parallel to the southerly side of Crotona Park and distant 100 feet northerly therefrom; thence along said line to a line drawn parallel to East One Hundred and Seventy-third street and said line produced and distant 100 feet northerly from the southerly side thereof; thence along said line and said line produced to the southeasterly side of Boston road; thence along a line drawn parallel to East One Hundred and Seventy-third street and distant about 60 feet northerly from the northerly side thereof to the middle line of the blocks and said middle line of the blocks produced between Minford place and the Southern Boulevard; thence along said middle line of the blocks and said middle line produced to the middle line of the blocks between East One Hundred and Seventy-second street and Jennings street; thence along said middle line of the blocks to a line drawn parallel to Vyse street and distant 100 feet easterly from the easterly side thereof; thence along said line to a line drawn parallel to Freeman street and distant 100 feet northerly from the northerly side thereof; thence along said line to the point or place of beginning, as such streets are shown upon the Final Maps of the Twenty-third and Twenty-fourth Wards of the City and County of New York; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1897.
RIGUAL D. WOODWARD, Chairman; JOSEPH RILEY, EUGENE S. WILLARD, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening TREMONT AVENUE (although not yet named by proper authority), from the New York and Harlem Railroad to the transverse road under the Grand Boulevard and Concourse, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT THE BILL of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter, up to and including the 30th day of November, 1897, will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 3d day of December, 1897, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the City and County of New York, there to remain for and during the space of ten days, as required by law.

Dated New York, November 20, 1897.
STEPHEN B. STANTON, FRANK ADAMS, ACER, JOHN J. NEVILLE, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening WHITTIER STREET (although not yet named by proper authority), from Hunt's Point road to Whitlock avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 11.30 o'clock A.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates, and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the said City, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate,

lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the middle line of the blocks between Aldus street and Gutenberg street, and said middle line produced from Southern Boulevard to Bronx river; on the south by a line drawn parallel to Aldus street and distant about 300 feet southerly from the southerly side thereof from Southern Boulevard to Whitlock avenue and by the northerly side of Viale avenue from Longfellow street to Drake street; on the east by the westerly side of Drake street from Viale avenue to the middle line of the block between the Eastern Boulevard and Randall avenue and by the middle line of the blocks between Drake street and Halleck street and said middle line produced from the middle line of the block between the Eastern Boulevard and Randall avenue to the Bronx river; thence along the Bronx river to the northerly boundary of the area of assessment; and on the west by the easterly side of the Southern Boulevard from the middle line of the blocks between Gutenberg street and Aldus street and said middle line produced to a line drawn parallel to Aldus street and distant about 300 feet southerly from the southerly side thereof; also by the easterly side of Longfellow street from Viale avenue to the middle line of the block between the Eastern Boulevard and Randall avenue and by the middle line of the blocks between Longfellow street and Bryant street from the middle line of the block between the Eastern Boulevard and Randall avenue to Whitlock avenue, as such streets are shown upon the Final Maps of the Twenty-third and Twenty-fourth Wards of the City and County of New York; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1897.
FRANCIS M. SCOTT, Chairman; GUSTAVE MINZ, PATRICK J. CUSKLEY, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EAST ONE HUNDRED AND SEVENTY-SIXTH STREET (although not yet named by proper authority), from Jerome avenue to Monroe avenue, as the same has been heretofore laid out and designated as a first-class street or road in the Twenty-fourth Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 12.30 o'clock P.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in said City, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the middle line of the blocks between East One Hundred and Seventy-sixth street and Mount Hope place and said middle line produced from a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof to a line drawn parallel to Monroe avenue and distant 100 feet easterly from the easterly side thereof. On the south by the middle line of the blocks between East One Hundred and Seventy-sixth street and said middle line produced from a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof to East One Hundred and Seventy-sixth street and distant 225 feet southerly from the southerly side thereof to the Grand Boulevard and Concourse; thence by the middle line of the blocks between East One Hundred and Seventy-fifth and East One Hundred and Seventy-sixth streets and said middle line produced from the Grand Boulevard and Concourse to a line drawn parallel to Monroe avenue and distant 100 feet easterly from the easterly side thereof. On the east by a line drawn parallel to Monroe avenue and distant 100 feet easterly from the easterly side thereof; and on the west by a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1897.
JOHN C. O'CONNOR, Jr., Chairman; EDWARD B. WHITNEY, JOHN W. FOLEY, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening NATHALIE AVENUE (although not yet named by proper authority), from Kingsbridge road to Boston avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 11 o'clock A.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other

documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in the said City, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: Beginning at the corner formed by the intersection of the southerly side of Perot street with the westerly side of Sedgwick avenue, running thence southerly along the westerly side of Sedgwick avenue to the northeasterly side of Kingsbridge road; thence northwesterly along the north side of Kingsbridge road to the prolongation northerly of the westerly side of Sedgwick avenue; thence along said prolongation and said westerly side of Sedgwick avenue to a line drawn parallel to Kingsbridge road and distant 100 feet southwesterly from the southwesterly side thereof; thence along said line drawn parallel to Kingsbridge road and distant 100 feet southwesterly from the southwesterly side thereof to a line drawn parallel to Emmerich place and distant 100 feet southeasterly from the southeasterly side thereof; thence along said line drawn parallel to Emmerich place and distant 100 feet southeasterly from the southeasterly side thereof and continuing on a line drawn parallel to Heath avenue and distant 100 feet southeasterly from the southeasterly side thereof to the centre line of East One Hundred and Ninety-first street prolonged eastwardly; thence along said centre line of East One Hundred and Ninety-first street prolonged eastwardly to the prolongation southwesterly of a line drawn parallel to Heath avenue and distant 100 feet northwesterly from the northwesterly side thereof; thence along said prolongation and said line drawn parallel to Heath avenue and distant 100 feet northwesterly from the northwesterly side thereof and continuing on a line drawn parallel to Emmerich place and distant 100 feet northwesterly from the northwesterly side thereof to a line drawn parallel to Kingsbridge road and distant 100 feet westerly from the westerly side thereof; thence along said line drawn parallel to Kingsbridge road and distant 100 feet westerly from the westerly side thereof to the easterly side of Heath avenue; thence along the easterly side of Heath avenue to a line drawn parallel to Boston avenue and distant 100 feet northwesterly from the northwesterly side thereof; thence along said line drawn parallel to Boston avenue and distant 100 feet northwesterly from the northwesterly side thereof to the southerly side of Fort Independence street; thence along the southerly side of Fort Independence street to the prolongation northeasterly of a line drawn parallel to Boston avenue and distant 100 feet southeasterly from the southeasterly side thereof; thence along said line drawn parallel to Boston avenue and said line produced and distant 100 feet southeasterly from the southeasterly side thereof to a line drawn parallel to Perot street and distant 100 feet northerly from the northerly side thereof; thence along said line drawn parallel to Perot street and distant 100 feet northerly from the northerly side thereof to the westerly side of Sedgwick avenue; thence along the westerly side of Sedgwick avenue to the point or place of beginning; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 18, 1897.
ROBERT STURGIS, Chairman; HERMAN ALSEBERG, HERBERT NOBLE, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening and extension of WEBSTER AVENUE (although not yet named by proper authority), from the northerly side of Moshulu Parkway to Bronx River road, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections in writing, to us at our office, Nos. 90 and 92 West Broadway, ninth floor, in said City, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 9 o'clock A.M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings, in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, ninth floor, in the said City, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the northern boundary of the City of New York; on the south by the Southern Boulevard, or East Two Hundredth street; on the east by a line drawn parallel to the Bronx Park and distant 100 feet easterly and southerly from the westerly and northerly sides thereof; from the Southern Boulevard or East Two Hundredth street to the Bronx river, and by the Bronx river from the Bronx Park to the northern boundary of the City of New York; and on the west by Mount Vernon avenue from the northern boundary of the City of New York to its junction with Jerome avenue; thence along Jerome avenue to its junction with Woodlawn road; thence along Woodlawn road to its intersection with Bainbridge avenue; thence along Bainbridge avenue to Moshulu Parkway; thence along Moshulu Parkway to the prolongation northerly of the middle line of the blocks between Marion avenue and Decatur avenue; thence along the middle line of the blocks between Marion avenue and Decatur avenue, and said middle line of the blocks produced to the Southern Boulevard, or East Two Hundredth street; excepting from said area all streets, avenues and roads, or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 18, 1897.
JOHN DE WITT WARNER, Chairman; ROBERT KELLY PRENTICE, WILLIAM H. MCCARTHY, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and

hereditaments required for the purpose of opening OLIVER STREET (although not yet named by proper authority), from Webster avenue to Marion avenue, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections, in writing, to us, at our office, Nos. 90 and 92 West Broadway, ninth floor, in said city, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 9.30 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in said city, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the southerly side of East One Hundred and Ninety-ninth street and East One Hundred and Ninety-ninth street produced from the New York and Harlem Railroad to a line drawn parallel to Marion avenue and distant 100 feet southwesterly from the southerly side thereof; on the south by the northerly side of East One Hundred and Ninety-eighth street and East One Hundred and Ninety-eighth street produced from the New York and Harlem Railroad to a line drawn parallel to Marion avenue and distant 100 feet southwesterly from the southerly side thereof; on the east by a line drawn parallel to Marion avenue and distant 100 feet southwesterly from the southerly side thereof; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit map deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1897.
WILBUR LARREMORE, Chairman; CHARLES W. COLEMAN, BERTHOLD SALZBERGER, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

In the matter of the application of the Board of Street Opening and Improvement of the City of New York, for and on behalf of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to BOONE STREET (although not yet named by proper authority), from Freeman street to Woodruff street, in the Twenty-third and Twenty-fourth Wards of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections, in writing, to us, at our office, Nos. 90 and 92 West Broadway, ninth floor, in said city, on or before the 10th day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 11.30 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway, in said city, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land, situate, lying and being in the City of New York, which taken together are bounded and described as follows, viz.: On the north by the middle line of the block between Woodruff street and East One Hundred and Seventy-sixth street and Rodman place and said middle line produced from the Bronx river to a line drawn parallel to Longfellow street and distant 100 feet westerly from the westerly side thereof; on the south by the southerly side of Home street and said southerly side produced from a line drawn parallel to Longfellow street and distant 100 feet westerly from the westerly side thereof to a line drawn parallel to Westchester avenue and distant 100 feet southerly from the southerly side thereof; on the east by the prolongation of a line drawn parallel to Edgewater road and distant 100 feet easterly from the easterly side thereof; on the west by a line drawn parallel to Longfellow street and distant 100 feet westerly from the westerly side thereof from the southerly boundary of the area of assessment as such streets are shown upon the Final Maps of the Twenty-third and Twenty-fourth Wards of the City and County of New York; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 11, 1897.
JNO. H. JUDGE, Chairman; WILLIS HOLLY, ARMITAGE MAITHEWS, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, for the appointment of Commissioners of Appraisal under chapter 114 of the Laws of 1892, being an act to settle and establish the location and boundaries of FORT WASHINGTON RIDGE ROAD.

NOTICE IS HEREBY GIVEN THAT THE BILL of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 8th day of December, 1897, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the City and County of New York, there to remain for and during the space of ten days, as required by law.

Dated New York, November 23, 1897.
WALTER STANTON, J. ROMAIN BROWN, MICHAEL J. MULQUEEN, Commissioners.
J. B. HAYES, Clerk.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonality of the City of New York, to certain lands on the NORTHERLY SIDE OF FOURTH STREET AND THE SOUTHERLY SIDE OF FIFTH STREET, between Avenues C and D, in the Eleventh Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on the northerly side of Fourth street and the southerly side of Fifth street, between Avenues C and D, in the Eleventh Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Eleventh Ward of the City of New York, bounded and described as follows:

Beginning at a point in the southerly line of Fifth street, distant 285 feet 6 inches easterly from the corner formed by the intersection of the easterly line of Avenue C and the southerly line of Fifth street; running thence southerly parallel with Avenue C and partly through a party wall 66 feet 1/2 inch to the centre line of the block; thence easterly along the centre line of the block 13 feet; thence southerly parallel with Avenue C and partly through a party wall 66 feet 1/2 inch to the northerly line of East Fourth street; thence easterly along the northerly line of East Fourth street 121 feet 6 inches; thence northerly parallel with Avenue C 96 feet 1/2 inch to the centre line of the block; thence westerly along the centre line of the block and partly along the southerly line of the present site of Public School 15, 112 feet; thence northerly along the westerly line of the present site of Public School 15, 96 feet 1/2 inch to the southerly line of East Fifth street; thence westerly along the southerly line of East Fifth street 22 feet 6 inches to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonality of the City of New York, to certain lands on GERARD AND WALTON AVENUES, north of One Hundred and Sixty-seventh street, in the Twenty-third 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, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York, to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Gerard and Walton avenues, north of One Hundred and Sixty-seventh street, in the Twenty-third Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Twenty-third Ward of the City of New York, bounded and described, as follows:

Beginning at a point in the easterly line of Gerard avenue distant 189 feet 7 3/4 inches northerly from the corner formed by the intersection of the easterly line of Gerard avenue with the northerly line of One Hundred and Sixty-seventh street, as the same is now laid out; running thence northerly along said easterly line of Gerard avenue 200 feet; thence easterly and at right angles with the said easterly line of Gerard avenue 247 feet 1 1/4 inches to the westerly line of Walton avenue; thence southerly along said westerly line of Walton avenue 201 feet 5 1/4 inches; thence westerly at right angles with the said easterly line of Gerard avenue 223 feet and 3/4 of an inch to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to EAST ONE HUNDRED AND EIGHTY-SECOND STREET (Andrews avenue) (although not yet named by proper authority), from the Croton Aqueduct to Jerome avenue, in the Twenty-fourth Ward of the City of New York, as the same has been heretofore laid out and designated as a first-class street or road.

PURSUANT TO THE STATUTES IN SUCH cases made and provided, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, in the County Court-house in the City of New York, on Tuesday, the

23d day of November, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate and Assessment in the above-entitled matter. The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York, for the use of the public, to all the lands and premises, with the buildings thereon and the appurtenances thereto belonging, required for the opening of a certain street or avenue known as East One Hundred and Eighty-second street, from Croton Aqueduct to Jerome avenue, in the Twenty-fourth Ward of the City of New York, being the following-described lots, pieces or parcels of land, viz.:

Beginning at a point in the western line of Jerome avenue distant 461 93 feet northerly from the intersection of the westerly line of Jerome avenue with the northerly line of East One Hundred and Eighty-first street.

1st. Thence northerly along the eastern line of Jerome avenue for 60 feet.

2d. Thence westerly deflecting 90 degrees to the left for 941.45 feet to the eastern line of the lands acquired for Croton Aqueduct.

3d. Thence southerly along the western line of the lands acquired for Croton Aqueduct for 60.78 feet.

4th. Thence easterly for 951.14 feet to the point of beginning.

East One Hundred and Eighty-second street is designated as a street of the first class, and is shown on section 16 of the Final Maps and Profiles of the Twenty-third and Twenty-fourth Wards of the City of New York, filed in the office of the Commissioner of Street Improvements of the City of New York on November 18, 1895, in the office of the Register of the City and County of New York on November 18, 1895, and in the office of the Secretary of State of the State of New York on November 20, 1895.

Dated New York, November 11, 1897.

FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of the Mayor, Aldermen and Commonality of the City of New York, by and through the Council to the Corporation, to acquire title to certain lands in the Twenty-third Ward of the City of New York as and for a public park, under and pursuant to the provisions of chapter 224 of the Laws of 1896, as amended by chapter 70 of the Laws of 1897.

NOTICE IS HEREBY GIVEN THAT WE, THE undersigned, were appointed by an order of the Supreme Court bearing date the 15th day of October, 1897, and filed and entered in the office of the Clerk of the City and County of New York on the 14th day of November, 1897, Commissioners of Appraisal for the purpose of ascertaining and appraising the compensation to be made to the owners and all persons interested in the real estate hereinafter described and laid out, appropriated or designated by said chapter 224 of the Laws of 1896, as amended by chapter 70 of the Laws of 1897, as and for a public park in the Twenty-third ward of the City of New York, and proposed to be taken or affected for the purposes named in said act, and to perform such other duties as are by said act prescribed.

The real estate so proposed to be taken or affected for said purposes comprises all the lands, tenements, hereditaments and premises not now owned or the title to which is not vested in the Mayor, Aldermen and Commonality of the City of New York, within the limits or boundaries of the parcels of land laid out, appropriated or designated for said public park by said chapter 224 of the Laws of 1896, as amended by chapter 70 of the Laws of 1897, namely: On the north by the southerly line of One Hundred and Sixty-second street; on the east by the westerly line of Cromwell's avenue as far south as the southerly line of One Hundred and Sixty-first street, and south of that point by the northwesterly line of the channel of Cromwell's creek; on the south by said northwesterly line of the channel of Cromwell's creek and the easterly bulkhead line of the Harlem river, and on the west by the easterly bulkhead line of the Harlem river to the lands now or formerly belonging to the West Side and Yonkers Railroad or Railway Company; thence running easterly and bounded by the lands of said company to Sedgwick avenue; thence again running easterly across Sedgwick avenue to the southerly line of One Hundred and Sixty-first street or the passageway leading from Sedgwick avenue to Summit avenue; thence running southeasterly along the southerly line of One Hundred and Sixty-first street or said passageway to the westerly line of Summit avenue; thence running southeasterly along the westerly line of Summit avenue to the southerly line of One Hundred and Sixty-first street; thence running southeasterly along the southerly line of One Hundred and Sixty-first street to the westerly line of Ogden avenue; thence again running southerly in a straight line to the southeasterly corner of Jerome avenue and One Hundred and Sixty-second street, the point or place of beginning, including all the lands within said bounds, excepting and reserving therefrom all public streets, avenues or places now laid out across or over any part of said land and shown on the official field maps of the Commissioner of Street Improvements of the Twenty-third and Twenty-fourth Wards of the City of New York.

All parties and persons, owners, lessees or other persons interested in the real estate above described and to be taken for the purposes of said public park, or any part thereof, or affected by the proceedings had under or authorized by said act, chapter 224 of the Laws of 1896, as amended by chapter 70 of the Laws of 1897, and having any claim or demand on account thereof, are required to present the same to us, duly verified, with such affidavits or other proof in support thereof as the said owner or claimant may desire, within sixty days after the date of this notice (November 8, 1897), at our office, Nos. 90 and 92 West Broadway, ninth floor, in the City of New York.

And we, the said Commissioners, will be in attendance at our said office on the 18th day of January, 1898, at twelve o'clock noon of that day, to hear the said parties and persons in relation thereto, and in case any such person or claimant shall desire at such time and place to offer further and additional proofs or testimony, such person or claimant will be heard or said proofs or testimony will be received by us.

And at such time and place, or at such further or other time and place as we may appoint, we will hear the proofs and allegations of any owner, lessee or other person in any way entitled to or interested in such real estate, or any part or parcel thereof, and also such proofs and allegations as may be then offered on behalf of the Mayor, Aldermen and Commonality of the City of New York.

Dated New York, November 8, 1897.
CHARLES L. GUY, WILLIAM H. BARKER, HENRY H. PORTER, Commissioners.

In the matter of the application of the Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening CLARKE PLACE (although not yet named by proper authority), from Jerome avenue to The Concourse, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-third Ward of the City of New York.

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

First—That we have completed our estimate and assessment, and that all persons interested in this proceeding, or in any of the lands affected thereby, and having objections thereto, do present their said objections, in writing, to us, at our office, Nos. 90 and 92 West Broadway, in said city, on or before the 10th

day of December, 1897, and that we, the said Commissioners, will hear parties so objecting within the ten week days next after the said 10th day of December, 1897, and for that purpose will be in attendance at our said office on each of said ten days at 10 o'clock A. M.

Second—That the abstract of our said estimate and assessment, together with our damage and benefit maps, and also all the affidavits, estimates and other documents used by us in making our report, have been deposited in the Bureau of Street Openings in the Law Department of the City of New York, Nos. 90 and 92 West Broadway in said city, there to remain until the 21st day of December, 1897.

Third—That the limits of our assessment for benefit include all those lots, pieces or parcels of land situate, lying and being in the City of New York, which taken together, are bounded and described as follows, viz.: On the north by the southerly side of Marcy place and said southerly side produced from the westerly side of the Grand Boulevard and Concourse to a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof, and by a line drawn parallel to Clarke place and distant 100 feet westerly from the westerly side thereof; on the south by the northerly side of East One Hundred and Sixty-ninth street and said northerly side produced from the westerly side of the Grand Boulevard and Concourse to a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof; on the east by the westerly side of the Grand Boulevard and Concourse, and on the west by a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof; on the prolongation westerly of the southerly side of East One Hundred and Sixty-ninth street to a line drawn parallel to Clarke place and distant 100 feet northerly from the northerly side thereof, also by the easterly side of Inwood avenue from a line drawn parallel to Clarke place and distant 100 feet northerly from the northerly side thereof to a line drawn parallel to Clarke place and distant 100 feet southerly from the southerly side thereof, and also by a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof to the easterly side of Inwood avenue; on the south by the northerly side of East One Hundred and Sixty-ninth street and said northerly side produced from the westerly side of the Grand Boulevard and Concourse to a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof; on the east by the westerly side of the Grand Boulevard and Concourse, and on the west by a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof; on the prolongation westerly of the southerly side of East One Hundred and Sixty-ninth street to a line drawn parallel to Clarke place and distant 100 feet northerly from the northerly side thereof, also by the easterly side of Inwood avenue from a line drawn parallel to Clarke place and distant 100 feet northerly from the northerly side thereof to a line drawn parallel to Clarke place and distant 100 feet southerly from the southerly side thereof, and also by a line drawn parallel to Jerome avenue and distant 100 feet westerly from the westerly side thereof from a line drawn parallel to Clarke place and distant 100 feet southerly from the southerly side thereof to the prolongation westerly of the northerly side of East One Hundred and Sixty-ninth street; excepting from said area all streets, avenues and roads or portions thereof heretofore legally opened, as such area is shown upon our benefit maps deposited as aforesaid.

Fourth—That our report herein will be presented to a Special Term of the Supreme Court, Part III., of the State of New York, to be held in and for the City and County of New York, at the County Court-house in the City of New York, on the 30th day of December, 1897, at the opening of the Court on that day, and that then and there, or as soon thereafter as counsel can be heard thereon, a motion will be made that the said report be confirmed.

Dated New York, November 19, 1897.
FRANCIS D. HOYT, Chairman, WILLIAM M. LAWRENCE, LAWRENCE GODKIN, Commissioners.
JOHN P. DUNN, Clerk.

In the matter of the application of the Board of Education, by the Council to the Corporation of the City of New York, relative to acquiring title by The Mayor, Aldermen and Commonality of the City of New York, to certain lands on MANHATTAN, EAST HOUSTON, LEWIS AND EAST THIRD STREETS, in the Eleventh Ward of said city, duly selected and approved by said Board as a site for school purposes, under and in pursuance of the provisions of chapter 191 of the Laws of 1888, and the various statutes amendatory thereof.

PURSUANT TO THE PROVISIONS OF CHAPTER 191 of the Laws of 1888, and the various statutes amendatory thereof, notice is hereby given that an application will be made to the Supreme Court of the State of New York, at a Special Term of said Court, to be held at Part III. thereof, at the County Court-house, in the City of New York, on the 16th day of December, 1897, at the opening of the Court on that day, or as soon thereafter as counsel can be heard thereon, for the appointment of Commissioners of Estimate in the above-entitled matter.

The nature and extent of the improvement hereby intended is the acquisition of title by The Mayor, Aldermen and Commonality of the City of New York to certain lands and premises, with the buildings thereon and the appurtenances thereto belonging, on Manhattan, East Houston, Lewis and East Third streets, in the Eleventh Ward of said city, in fee simple absolute, the same to be converted, appropriated and used to and for the purposes specified in said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, said property having been duly selected and approved by the Board of Education as a site for school purposes, under and in pursuance of the provisions of said chapter 191 of the Laws of 1888, and the various statutes amendatory thereof, being the following-described lots, pieces or parcels of land, namely:

All those certain lots, pieces or parcels of land situate, lying and being in the Eleventh Ward of the City of New York, bounded and described as follows:

Beginning at the corner formed by the intersection of the northerly line of East Houston street with the easterly line of Manhattan street; running thence northerly along said easterly line of Manhattan street 211 feet 8 inches to the southerly line of East Third street; thence easterly along said southerly line of East Third street 167 feet 3 1/4 inches to the westerly line of Lewis street; thence southerly along said westerly line of Lewis street 213 feet 6 1/4 inches to the northerly line of East Houston street; thence westerly along said northerly line of East Houston street 195 feet and 1/2 an inch to the point or place of beginning.

Dated New York, November 20, 1897.
FRANCIS M. SCOTT, Counsel to the Corporation,
No. 2 Tryon Row, New York City.

In the matter of the application of The Mayor, Aldermen and Commonality of the City of New York, relative to acquiring title, wherever the same has not been heretofore acquired, to the lands, tenements and hereditaments required for the purpose of opening EMMERICH PLACE (although not yet named by proper authority), from Heath avenue to Kingsbridge Road, as the same has been heretofore laid out and designated as a first-class street or road, in the Twenty-fourth Ward of the City of New York.

NOTICE IS HEREBY GIVEN THAT THE BILL of costs, charges and expenses incurred by reason of the proceedings in the above-entitled matter will be presented for taxation to one of the Justices of the Supreme Court, at a Special Term thereof, Part I., to be held in and for the City and County of New York, at the County Court-house, in the City of New York, on the 8th day of December, 1897, at 10.30 o'clock in the forenoon of that day, or as soon thereafter as counsel can be heard thereon, and that the said bill of costs, charges and expenses has been deposited in the office of the Clerk of the City and County of New York, there to remain for and during the space of ten days, as required by law.

Dated New York, November 3, 1897.
ISAAC T. BROWN, JAMES S. ALLEN, J. THOMAS STEARNS, Commissioners.
HENRY DE FOREST BALDWIN, Clerk.

THE CITY RECORD.

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