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THIRTY-EIGHTH

ANNUAL REPORT

OF THE

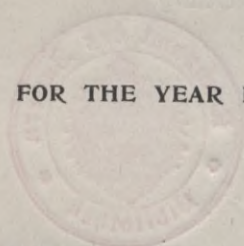
DEPARTMENT

OF

DOCKS AND FERRIES

FOR THE YEAR ENDING

DECEMBER 31, 1909



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REPORT

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DEPARTMENT OF DOCKS AND FERRIES  
PIER, "A," BATTERY PLACE, NORTH RIVER  
NEW YORK, NOVEMBER 17, 1910.

Hon. WILLIAM J. GAYNOR,  
*Mayor of the City of New York*

SIR:—Pursuant to Section 829 of Chapter 16 of the Greater New York Charter, I have the honor to present the Annual Report of the Department of Docks and Ferries for the year ending December 31, 1909.

Very respectfully,

CALVIN TOMKINS,  
*Commissioner of Docks.*

FRANCIS J. RYAN,  
*Assistant and Acting Secretary.*



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Akc. Nr. 1817/52



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## LIST OF EMPLOYEES

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Allen N. Spooner	157 W. 87th st.	Commissioner of Docks	\$7,500 00
Denis A. Judge	636 10th st., Brooklyn	Deputy Commissioner of Docks	4,500 00
Joseph W. Savage	243 W. 135th st., Manhattan	Secretary of the Department	4,000 00
Francis J. Ryan	739 Greenwich st.	Assistant Secretary of the Department	3,600 00
William C. Blaney	1177 3d ave.	Secretary to the Commissioner	2,000 00
Charles J. Farley	1334 Lexington ave.	Chief Clerk	4,000 00
John M. Phelan	92 Morningside ave.	Chief Clerk and Auditor	5,000 00
Charles W. Staniford	51 Clark st., Brooklyn	Chief Engineer	10,000 00
Sidney W. Hoag, Jr.	208 W. 121st st.	Deputy Chief Engineer	6,000 00
Charles A. Manly	162 McDonough st., Brooklyn	Superintendent of Docks	5,000 00
John R. Powers	355 W. 42d st.	Assistant Superintendent of Docks	2,500 00
Peter Woolley	106 East End ave.	Assistant Superintendent of Docks	2,500 00
John F. Ambrose	10 E. 130th st.	Superintendent of Ferries	5,000 00
Lawrence Hanlon	Clifton, S. I.	Assistant Superintendent of Ferries	3,000 00
Silas Strauss	248 E. 78th st.	Cashier	4,000 00
Stephen J. Fallon	509 W. 159th st.	Attendant	mo., 75 00
John Healy	88 E. Broadway	Attendant	mo., 75 00
Joseph Kinsler	585 Broome st.	Attendant	mo., 75 00
James F. O'Brien	417 10th ave., Manhattan	Attendant	mo., 75 00
Mary E. Collins	225 W. 68th st.	Attendant	mo., 50 00
Sarah J. Cooney	1666 2d ave.	Attendant	mo., 50 00
Nellie Dourigan	216 E. 77th st.	Attendant	mo., 50 00
Cassie Gorman	2392 Grand Concourse, Fordham	Attendant	mo., 50 00
Katharine Haenlein	188 Richmond ter., St. George, S. I.	Attendant	mo., 50 00
Mary Hinchey	614 44th st., Brooklyn	Attendant	mo., 50 00
Annie Ingham	464 Columbus ave.	Attendant	mo., 50 00
Elizabeth A. Kelly	205 W. 102d st.	Attendant	mo., 50 00
Mary F. Kelly	564 E. 166th st.	Attendant	mo., 50 00
Josephine King	169 E. 128th st.	Attendant	mo., 50 00
Dora Lamont	115 W. 143d st.	Attendant	mo., 50 00
Anna B. McCavara	1666 2d ave.	Attendant	mo., 50 00
Mary Maloney	485 12th st., Brooklyn	Attendant	mo., 50 00
Jennie Martin	1516 Roselle st., Westchester	Attendant	mo., 50 00
Mary A. Meehan	1073 Washington ave., The Bronx	Attendant	mo., 50 00
Mary Moore	344 E. 141st st.	Attendant	mo., 50 00
Margaret E. Nerie	419 W. 48th st.	Attendant	mo., 50 00
Lillie B. Newell	1516 Roselle st., Westchester	Attendant	mo., 50 00
Helen M. O'Donnell	1129 Park ave.	Attendant	mo., 50 00
Margaret Quin	218 Carroll st., Brooklyn	Attendant	mo., 50 00
Kate C. Smith	2427 7th ave., Manhattan	Attendant	mo., 50 00
Mattie B. Welde	1793 Amsterdam ave.	Attendant	mo., 50 00
Josephine E. Stuart	419 E. 119th st.	Attendant	mo., 50 00
Thomas Barrett	438 W. 52d st., Manhattan	Blacksmith	hour, 56½
John Daly	138 Baltic st., Brooklyn	Blacksmith	hour, 56½
Edward H. Farrell	113 N. Portland ave., Brooklyn	Blacksmith	hour, 56½
Henry Heuer	113 E. 118th st., Manhattan	Blacksmith	hour, 56½
Samuel W. Hyde	640 Warren st., Brooklyn	Blacksmith	hour, 56½
William McShea	43 Cheever pl., Brooklyn	Blacksmith	hour, 56½
George Schwenck	53 Osgood ave., Stapleton	Blacksmith	hour, 56½
Richard Burke	426 W. 48th st., Manhattan	Blacksmith's Helper	hour, 37½
James P. Fallon	1351 2d ave., Manhattan	Blacksmith's Helper	hour, 37½
Thomas Heaney	298 W. 138th st.	Blacksmith's Helper	hour, 37½
Thomas Kane	651 Greenwich st., Manhattan	Blacksmith's Helper	hour, 37½
Patrick Molloy	215 Avenue C, Manhattan	Blacksmith's Helper	hour, 37½
John J. O'Brien	525 W. 40th st., Manhattan	Blacksmith's Helper	hour, 37½
William J. Pigott	262 1st ave., Manhattan	Blacksmith's Helper	hour, 37½
Patrick Radigan	227 W. 20th st., Manhattan	Blacksmith's Helper	hour, 37½
Thomas Saidler	429 W. 17th st., Manhattan	Blacksmith's Helper	hour, 37½
John Carey	418 W. 17th st.	Boatman	wk., 18 00
James Doran	259 W. 152d st.	Boatman	hour, 37½
James Golden	310 E. 39th st.	Boatman	hour, 37½
Thomas King	328 E. 52d st.	Boatman	wk., 18 00
John Newman	9 Cannon st.	Boatman	wk., 18 00
Patrick J. O'Brien	222 Varick st.	Boatman	wk., 18 00
Richard Cullen	511 E. 82d st.	Boatbuilder	hour, 50
Jacob Rable, Jr.	578 Grand st.	Boatbuilder	hour, 50
Fergus M. Callan	1319 Herkimer st., Brooklyn	Brigeman	mo., 60 00
Daniel Coleman	407 W. 49th st., Manhattan	Brigeman	mo., 60 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John J. Conroy	48 Tompkins st., Stapleton	Bridgeman	mo., \$60 00
James Dougherty	429 E. 17th st., Manhattan	Bridgeman	mo., 60 00
Otto A. Frei	93 3d ave., Manhattan	Bridgeman	mo., 60 00
John E. Ganey	435 Washington st., Manhattan	Bridgeman	mo., 60 00
Thomas Francis Gallagher	128 Charles st.	Bridgeman	mo., 60 00
Edward Hanlon	31 Prospect st., Brooklyn	Bridgeman	mo., 60 00
Joseph Joyce	741 Washington st., Manhattan	Bridgeman	mo., 60 00
Andrew Keyser	251 Woodward ave., Queens	Bridgeman	mo., 60 00
John Kinsella	28 Beach st., Stapleton	Bridgeman	mo., 60 00
Miles A. Laroy	116 St. Marys ave., Rosebank	Bridgeman	mo., 60 00
Maurice Leahy	408 E. 54th st., Manhattan	Bridgeman	mo., 60 00
Philip J. Lynch	457 W. 17th st.	Bridgeman	mo., 60 00
James E. McGuire	883 Richmond rd., Stapleton	Bridgeman	mo., 60 00
Julius Metz	481 E. Houston st., Manhattan	Bridgeman	mo., 60 00
Patrick Mitchell	302 W. 55th st.	Bridgeman	mo., 60 00
John T. Nolan	210 W. 22d st., Manhattan	Bridgeman	mo., 60 00
Anton Olsen	154 Hoyt st., Brooklyn	Bridgeman	mo., 60 00
Thomas F. Ryan	594 Eagle ave., The Bronx	Bridgeman	mo., 60 00
Denis J. Smith	327 W. 13th st., Manhattan	Bridgeman	mo., 60 00
George W. Stinemire	88 Bush ave., Mariners Harbor	Bridgeman	mo., 60 00
Michael A. Tomasulo	139 Thompson st., Manhattan	Bridgeman	mo., 60 00
Abram B. Van Derzee	199 E. 17th st., Manhattan	Bridgeman	mo., 60 00
Leonard White	192 Targee st., Stapleton	Bridgeman	mo., 60 00
John E. Allen	233 34th st., Brooklyn	Captain	1,920 00
Lewis W. Barker	93 Targee st., Stapleton	Captain	1,920 00
Edward M. Bardsley	229 34th st., Brooklyn	Captain	1,920 00
Abraham Braisted	643 Prospect pl., Brooklyn	Captain	1,920 00
Frank K. Braisted	74 Central ave., New Brighton	Captain	1,920 00
George M. Bunce	253 Jefferson ave., Richmond Hill, L. I.	Captain	1,920 00
Morris N. Bunt	227 W. 4th st.	Captain	1,920 00
Wm. J. Chambers	227 Canal st., Stapleton	Captain	1,920 00
William Cole	136 Norwood ave., Clifton, S. I.	Captain	1,920 00
Charles H. Dentz	Tompkinsville, S. I.	Captain	1,920 00
Herman F. Denyse	86 Prospect st., Stapleton, S. I.	Captain	1,920 00
William I. Emmens	39 Brownell st., Stapleton, S. I.	Captain	1,920 00
Chas. J. Ford	3005 Richmond ter., Mar. Harbor	Captain	1,920 00
Jervis M. Goutches	417 42d st., Brooklyn	Captain	1,920 00
Sylvester C. Griffin	455 Henry st., Brooklyn	Captain	1,920 00
John Hammell	79 Fingerboard rd., Stapleton, S. I.	Captain	1,920 00
Jas. Hendrickson	355 39th st., Brooklyn	Captain	1,920 00
Edward King	23 Ormond pl., Clifton	Captain	1,920 00
William H. Lockwood	218 Egbert ave., W. New Brighton	Captain	1,920 00
Gordon O'Brien	7409 3d ave., Brooklyn	Captain	1,920 00
Samuel Randolph	130 St. Paul ave., Tompkinsville	Captain	1,920 00
Charles E. Ripley	331 Ovington ave., Brooklyn	Captain	1,920 00
Geo. W. Sheehan	177 Dean st., Brooklyn	Captain	1,920 00
Thomas R. Smedley	269 50th st., Brooklyn	Captain	1,920 00
Joseph C. Smith	Jewett ave., West Brighton, S. I.	Captain	1,920 00
Edward W. Stocking	113 E. 127th st.	Captain	1,920 00
Joshua W. Taxter	13 Slaughter st., Borough of Richmond	Captain	1,920 00
George Troutman	815 6th ave., Manhattan	Captain	1,920 00
Hilary F. Turner	470 E. 7th st., Brooklyn	Captain	1,920 00
Clarence E. Underhill	Manor rd. and Egbert ave., Richmond	Captain	1,920 00
Thomas D. Stuyvesant	2963 Briggs ave., The Bronx	Captain of 100 Ton Derrick	1,650 00
William Love	453 Bleecker st., Brooklyn	Captain of Pile Drivers	1,650 00
Alexander Baird	409 W. 39th st., Manhattan	Carpenter	hour, 60
Edward J. Collins	224 E. 5th st.	Carpenter	hour, 60
Henry J. Falkey	501 W. 134th st., Manhattan	Carpenter	hour, 60
Thomas F. Halpin	123 1st ave., Manhattan	Carpenter	hour, 60
Owen J. Hart	3133 Broadway, Manhattan	Carpenter	hour, 60
George J. Hasslacher	507 E. 88th st., Manhattan	Carpenter	hour, 60
James Hodnett	152 Union pl., Highbridge	Carpenter	hour, 60
James J. Keating	547 Hudson st., Manhattan	Carpenter	hour, 60
John T. Mullins	208 W. 67th st., Manhattan	Carpenter	hour, 60
William Newell	51 Monroe st., Manhattan	Carpenter	hour, 60
Frank Palte	443 E. 71st st.	Carpenter	hour, 60
John D. Roler	226 E. 22d st., Manhattan	Carpenter	hour, 60
Barnet Sanders	379 Grand st.	Carpenter	hour, 60
Nicholas Shanley	2019 Anthony ave., The Bronx	Carpenter	hour, 60
Alexander J. Stenhouse	11 Manhattan st., Manhattan	Carpenter	hour, 60
Joseph F. Higgins	627 Hudson st.	Cement Worker	hour, 31½
Martin McCart	124 W. 63d st.	Cement Worker	hour, 31½
Hugh J. Manion	443 Hudson st.	Cement Worker	hour, 31½
Ralph H. Baxter	1823 Topping ave., The Bronx	Chainman and Rodman	1,080 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John T. Bermingham.....	555 W. 170th st.	Chainman and Rodman.....	\$1,080 00
Daniel A. Crowley.....	61 Jackson st.	Chainman and Rodman.....	1,080 00
James C. Darby.....	8 Broome st.	Chainman.....	1,080 00
James W. Dikeman, Jr.	208 W. 114th st.	Chainman and Rodman.....	1,080 00
Mark T. Hayes.....	218 E. 70th st.	Rodman.....	1,080 00
John J. Kiernan.....	219 E. 74th st.	Chainman and Rodman.....	1,080 00
John R. Lambert.....	323 W. 77th st.	Rodman.....	1,080 00
Gottlieb Lange.....	331 W. 124th st.	Chainman and Rodman.....	1,080 00
Thomas F. Lynch.....	1132 St. Lawrence ave., The Bronx.	Chainman and Rodman.....	1,080 00
Edward A. Malmquist.....	432 Hopkins ave., Astoria.	Chainman and Rodman.....	1,080 00
Willis A. Morton.....	1384 Bristow st., The Bronx.	Chainman and Rodman.....	1,080 00
Frank Moss.....	46 Ridge st.	Chainman and Rodman.....	1,080 00
James P. Quinn.....	503 W. 59th st.	Chainman and Rodman.....	1,080 00
Charles Schultz.....	274 S. 2d st., Brooklyn.	Chainman and Rodman.....	1,080 00
August Strittmatter.....	1736 Zerega ave., The Bronx.	Chainman and Rodman.....	1,080 00
Daniel Sullivan.....	257 Lafayette st.	Chainman and Rodman.....	1,080 00
William J. F. Sullivan.....	941 E. 156th st.	Chainman and Rodman.....	1,080 00
Alexander J. Zinner.....	634 47th st., Brooklyn.	Chainman and Rodman.....	1,080 00
Rebecca J. Beatty.....	184 E. 123d st.	Cleaner.....	mo., 45 00
Elizabeth V. Burke.....	1477 Lexington ave., Manhattan.	Cleaner.....	mo., 45 00
Winifred Cooper.....	89 Murray st.	Cleaner.....	mo., 45 00
Elizabeth Dickson.....	191 St. Nicholas ave.	Cleaner.....	mo., 45 00
Ellen Dolan.....	391 2d ave.	Cleaner.....	mo., 45 00
Maggie E. Donohue.....	168 E. 98th st.	Cleaner.....	mo., 45 00
Elizabeth Dougherty.....	496 Pearl st.	Cleaner.....	mo., 45 00
Catherine Dunleavy.....	46 Greenwich st., Manhattan.	Cleaner.....	mo., 45 00
Mary E. Dwyer.....	550 Broome st.	Cleaner.....	mo., 45 00
Mary A. Gaffney.....	435 Washington st.	Cleaner.....	mo., 45 00
Annie Gerlach.....	345 E. 23d st.	Cleaner.....	mo., 45 00
Mary A. Kennedy.....	221 E. 58th st.	Cleaner.....	mo., 45 00
Clara P. Larkin.....	3 Hall pl.	Cleaner.....	mo., 45 00
Anora M. Malone.....	444 W. 51st st.	Cleaner.....	mo., 45 00
Katie L. Martin.....	61 S. 8th st., Brooklyn.	Cleaner.....	mo., 45 00
Margaret Nolan.....	389 1st ave., Manhattan.	Cleaner.....	mo., 45 00
Mary O'Neill.....	402 W. 13th st.	Cleaner.....	mo., 45 00
Frances Order.....	543 1st ave.	Cleaner.....	mo., 45 00
Catherine I. Reilly.....	381 East 8th st., Manhattan.	Cleaner.....	mo., 45 00
Mary E. Sullivan.....	243 Madison st.	Cleaner.....	mo., 45 00
Annie M. Tevlin.....	63 Charlton st.	Cleaner.....	mo., 45 00
Ellen J. Tracy.....	291 Hudson st.	Cleaner.....	mo., 45 00
Mary J. Wolf.....	355 West st., Manhattan.	Cleaner.....	mo., 45 00
Mary F. Meyer.....	147 Greenwich st.	Cleaner.....	mo., 45 00
Elizabeth V. Scanlon.....	585 Broome st.	Cleaner.....	mo., 45 00
Elizabeth Smith.....	228 E. 96th st.	Cleaner.....	mo., 45 00
Daniel Troy.....	709 Amsterdam ave.	Cleaner.....	mo., 75 00
Hubert G. Welch.....	309 E. 23d st.	Cleaner.....	mo., 75 00
Vincent F. Amar.....	107 W. 62d st.	Clerk.....	1,050 00
Robert F. Aram.....	93 Audubon ave., Manhattan.	Clerk.....	3,000 00
William E. Bailey.....	11 Wadsworth ave.	Clerk.....	2,100 00
Thomas B. Boone.....	83 Wilson st., Brooklyn.	Clerk.....	1,800 00
Harry Brady.....	435 W. 33d st.	Clerk.....	1,200 00
Lorenzo L. Burke.....	26 W. 140th st.	Clerk.....	1,800 00
Frank J. Butler.....	2966 Decatur ave., The Bronx.	Clerk.....	3,000 00
Arthur Casson.....	174 W. 89th st.	Clerk.....	2,100 00
Charles M. Clark.....	Little Neck, L. I.	Clerk.....	1,800 00
Benjamin Cohen.....	1489 5th ave.	Clerk.....	900 00
John J. Colleton.....	2666 E. 19th st., Sheepshead Bay.	Clerk.....	1,800 00
Frank G. Connolly.....	1664 2d ave.	Clerk.....	900 00
Thomas F. Creegan.....	257 W. 129th st.	Clerk.....	2,100 00
Joseph A. Cronin.....	844 Freeman st., The Bronx.	Clerk.....	1,200 00
Timothy F. Crowley.....	199 Monroe st., Manhattan.	Clerk.....	2,100 00
Clarence M. J. Cryslar.....	424 E. 139th st., The Bronx.	Clerk.....	900 00
Daniel A. Cusick.....	1231 Fulton st., Brooklyn.	Clerk.....	1,500 00
James F. Duffy.....	1275 Bushwick ave., Brooklyn.	Clerk.....	1,050 00
William J. Fay.....	Maine ave., Westerleigh, S. I.	Clerk.....	2,400 00
Henry C. Freeman.....	195 Clarkson st., Brooklyn.	Clerk.....	3,000 00
Charles F. Freidman.....	36 E. 73d st.	Clerk.....	3,000 00
Joseph S. Furlong.....	159 Newtown ave., Long Island City.	Clerk.....	1,200 00
Robert Gere.....	15 W. 67th st.	Clerk.....	3,000 00
Clarence I. Goudey.....	340 71st st., Brooklyn.	Clerk.....	1,200 00
John A. Greegan.....	38 S. Elliott pl., Brooklyn.	Clerk.....	1,800 00
Margaret L. Guilfoyle.....	155 E. 124th st.	Clerk.....	900 00
Denis Hennessy.....	265 W. 43d st., Manhattan.	Clerk.....	1,050 00
Lucius C. Higgins.....	Port Richmond, S. I.	Clerk.....	3,000 00
Patrick J. Kadian.....	81 Catherine st., Manhattan.	Clerk.....	600 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
James J. Keenan.....	248 E. 39th st.....	Clerk.....	\$1,050 00
Louis S. Kellogg.....	Castleton, S. I.....	Clerk.....	2,100 00
John T. Kelly.....	1227 Union ave., Bronx.....	Clerk.....	900 00
Mary E. Kelly.....	1227 Union ave., The Bronx.....	Clerk.....	900 00
Edward F. Lacey.....	963 40th st., Brooklyn.....	Clerk.....	1,800 00
David H. Lane.....	3638 Olinville ave., Williamsbridge, Bronx.....	Clerk.....	2,100 00
Paul E. Lange.....	218 E. 87th st.....	Clerk.....	1,050 00
Bernard V. Levey.....	145 W. 16th st., Manhattan.....	Clerk.....	1,800 00
James A. McGuire.....	1220 Lexington ave.....	Clerk.....	1,200 00
John McKenzie.....	78 Prometcha ave., Corona.....	Clerk.....	2,100 00
James A. McNamara.....	183 Beechwood ave., New Brighton.....	Clerk.....	1,050 00
Joseph A. Maceda.....	776 Henry st., Brooklyn.....	Clerk.....	600 00
Thomas J. Maevvey.....	83 Madison st., Brooklyn.....	Clerk.....	1,800 00
Abraham Malinoff.....	233 Madison st.....	Clerk.....	1,050 00
James A. Molloy.....	319 W. 25th st.....	Clerk.....	900 00
Edward Monroe.....	258 W. 132d st., Manhattan.....	Clerk.....	1,050 00
Daniel J. Mullaly.....	149 E. 63d st.....	Clerk.....	1,050 00
Abraham Nott.....	31 Avenue B, Manhattan.....	Clerk.....	600 00
William J. O'Connor.....	966 St. Nicholas ave.....	Clerk.....	1,800 00
Thomas F. O'Rourke.....	310 W. 29th st.....	Clerk.....	2,100 00
Patrick O'Sullivan.....	64 Morton st.....	Clerk.....	1,800 00
Rose M. Palmer.....	1627 Eastern Parkway, Brooklyn.....	Clerk.....	900 00
Ida M. Quilty.....	25 1st st., Yonkers.....	Clerk.....	900 00
Sanford N. Raizen.....	66 Rutgers st.....	Clerk.....	1,050 00
Hannah E. Regan.....	350 Degraw st., Brooklyn.....	Clerk.....	900 00
James J. Reilly.....	422 W. 55th st., Manhattan.....	Clerk.....	600 00
John T. Ross.....	194 Madison ave., Flushing, L. I.....	Clerk.....	1,200 00
August Schott.....	227 E. 82d st.....	Clerk.....	1,500 00
Henry W. Seabold.....	605 E. 141st st., The Bronx.....	Clerk.....	1,500 00
John A. Skelly.....	153 W. 142d st.....	Clerk.....	1,200 00
Timothy J. Slattery.....	457 Court st., Brooklyn.....	Clerk.....	1,050 00
Berthold Sommer.....	17 E. 97th st.....	Clerk.....	3,000 00
Edward J. Sullivan.....	335 45th st., Brooklyn.....	Clerk.....	1,050 00
Grace M. Sullivan.....	122 New York ave., Rosebank.....	Clerk.....	900 00
Michael A. Sullivan.....	329 E. 79th st.....	Clerk.....	2,100 00
James Weir.....	Astor House, New York City.....	Apportionment Clerk.....	3,000 00
Henry J. Widmayer.....	451 E. 84th st.....	Clerk.....	1,500 00
Max Drucker.....	Neal Dow ave., Westerleigh, S. I.....	Collector.....	1,800 00
Bernard P. Gibney.....	318 E. 163d st.....	Collector.....	1,800 00
Walter S. Graham.....	539 W. 155th st.....	Collector.....	1,800 00
James McCabe.....	4293 Park ave.....	Collector.....	1,800 00
John T. O'Brien.....	28 Henderson ave., New Brighton.....	Collector.....	1,800 00
Thomas E. Reynolds.....	444 W. 43d st.....	Collector.....	1,800 00
Samuel Adler.....	70 Goerck st., Manhattan.....	Deckhand.....	mo., 60 00
George Albrecht.....	20 14th st., Brooklyn.....	Deckhand.....	mo., 60 00
John E. Ares.....	71 St. Pauls ave., Tompkinsville, S. I.....	Deckhand.....	mo., 60 00
Charles E. Bagley.....	472 Lenox ave., Manhattan.....	Deckhand.....	hour, 37½
John H. Bates.....	471 36th st., Brooklyn.....	Deckhand.....	mo., 60 00
Thomas F. Barker.....	355 W. 22d st.....	Deckhand.....	hour, 37½
Jeremiah Benson.....	270 Union st., Brooklyn.....	Deckhand.....	mo., 60 00
Patrick J. Blake.....	Rosebank, S. I.....	Deckhand.....	mo., 60 00
Edward J. Blumfield.....	180 Beard st., Brooklyn.....	Deckhand.....	mo., 60 00
Frank Bopp.....	98 Eckford st., Brooklyn.....	Deckhand.....	mo., 60 00
Daniel Boyle.....	244 57th st., Brooklyn.....	Deckhand.....	mo., 60 00
William H. Brady.....	726 Hicks st., Brooklyn.....	Deckhand.....	mo., 60 00
Stephen Broe.....	15 Tompkins ave., Tompkinsville, S. I.....	Deckhand.....	mo., 60 00
Thomas J. Burns.....	109 E. 101st st.....	Deckhand.....	mo., 60 00
Joseph A. Burns.....	326 E. 31st st.....	Deckhand.....	hour, 37½
Charles Caldwell.....	179 E. 93d st.....	Deckhand.....	mo., 60 00
John H. Campbell.....	1534 2d ave.....	Deckhand.....	mo., 60 00
William Canfield.....	182 Sackett st., Brooklyn.....	Deckhand.....	mo., 60 00
Thomas Carey.....	150 So. 1st st., Brooklyn.....	Deckhand.....	mo., 60 00
James Carniaux.....	282 Jay st., Brooklyn.....	Deckhand.....	mo., 60 00
Frank M. Casey.....	58 Sands st., Brooklyn.....	Deckhand.....	mo., 60 00
Thomas L. Casey.....	332 37th st., Brooklyn.....	Deckhand.....	mo., 60 00
Adolph Clachko.....	188 E. 75th st.....	Deckhand.....	hour, 37½
Geo. H. B. Cole.....	5 Spencer Court.....	Deckhand.....	mo., 60 00
John J. Collins.....	132 Gold st., Brooklyn.....	Deckhand.....	mo., 60 00
John W. Connors.....	1466 Amsterdam ave.....	Deckhand.....	mo., 60 00
James F. Corcoran.....	189 Harrison st., Brooklyn.....	Deckhand.....	hour, 37½
Richard J. Cottrell.....	409 E. 135th st.....	Deckhand.....	mo., 60 00
Cornelius Coughlin.....	15 James slip.....	Deckhand.....	mo., 60 00
Abram Cozine.....	41 Columbus ave., Mariners' Harbor.....	Deckhand.....	mo., 60 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John G. Cully	661 10th ave.	Deckhand	mo., \$80 00
John Cushman	731 Washington st., Manhattan	Deckhand	mo., 60 00
John F. Dalton	679 Greenwich st., Manhattan	Deckhand	mo., 60 00
William J. Decker	268 Henry st., Manhattan	Deckhand	mo., 60 00
Wm. Delaney	3 Tyson st., New Brighton	Deckhand	mo., 60 00
Walter Dickie	10 Sylvan Terrace, Manhattan	Deckhand	mo., 60 00
John F. Donnelly	125 Atlantic ave., Brooklyn	Deckhand	mo., 60 00
Patrick J. Donovan	51 Monroe st., Manhattan	Deckhand	hour, 37½
Timothy Donovan	669 11th ave., Manhattan	Deckhand	mo., 60 00
William Doyle	327 E. 33d st.	Deckhand	mo., 60 00
Edward F. Duffy	816 6th st., New York City	Deckhand	mo., 60 00
James J. Dunne	64 Osgood ave., Stapleton	Deckhand	mo., 60 00
Henry Ewald	Warren st., Stapleton	Deckhand	mo., 60 00
Patrick J. Farrell	226 W. 16th st., Manhattan	Deckhand	mo., 60 00
Joseph Fellini	215 Thompson st.	Deckhand	mo., 60 00
John Fence, Jr.	27 Thompson st., Stapleton	Deckhand	mo., 75 00
Joseph H. Fitzgerald	1483 Amsterdam ave.	Deckhand	mo., 60 00
Patrick Fitzgerald	66 West ave., Long Island City	Deckhand	hour, 37½
William F. Fox	253 45th st., Brooklyn	Deckhand	mo., 60 00
Samuel D. H. Frame	42 Oakland st., Brooklyn	Deckhand	mo., 60 00
Daniel C. Fritz	2 Warren st., Stapleton	Deckhand	mo., 60 00
Robert Gilbert	1 Jackson st., Stapleton	Deckhand	mo., 60 00
August Gildemeister	456 41st st., Brooklyn	Deckhand	mo., 60 00
Charles R. Goetches	417 42d st., Brooklyn	Deckhand	mo., 60 00
Thomas V. Golden	1260 2d ave., Manhattan	Deckhand	hour, 37½
John H. Grantham	31 Harrison ave., Port Richmond	Deckhand	mo., 60 00
William H. Grove	237 E. 6th st., New York City	Deckhand	mo., 60 00
William J. Hamilton	20 Chambers st., Manhattan	Deckhand	hour, 37½
John Hanratty	93 Monroe ave., Tompkinsville	Deckhand	mo., 60 00
Daniel Hare	113 Boerum pl., Brooklyn	Deckhand	mo., 60 00
Frank Harvey	2051 3d ave.	Deckhand	mo., 60 00
Joseph H. Hayden	510 W. 50th st.	Deckhand	mo., 60 00
John J. Hayes	445 Elton st., Brooklyn	Deckhand	mo., 60 00
James F. Holland	229 W. 66th st.	Deckhand	hour, 37½
Joseph M. Herold	215 E. 40th st., Manhattan	Deckhand	mo., 60 00
Edward Hosey	50 Dominick st., Manhattan	Deckhand	mo., 60 00
George T. Howard	406 E. 153d st.	Deckhand	mo., 60 00
Edward J. Hunter	128 Greenwich st.	Deckhand	mo., 60 00
Henry Jacob	790 11th ave., Manhattan	Deckhand	hour, 37½
Robert Johnston	336 Myrtle ave., Brooklyn	Deckhand	mo., 60 00
Michael J. Judge	1157 3d ave.	Deckhand	hour, 37½
Charles Klein, No. 1	1183 Herkimer st., Brooklyn	Deckhand	mo., 60 00
Charles Klein, No. 2	Stapleton, S. I.	Deckhand	mo., 60 00
Thomas J. Kiernan	190 1st ave., N. B.	Deckhand	mo., 60 00
Charles J. Kullman	37 Jersey st., New Brighton, S. I.	Deckhand	mo., 60 00
John Lacey	1446 Avenue A	Deckhand	mo., 60 00
Jacob Landusky	313 E. 93d st.	Deckhand	mo., 60 00
John B. Laroy	83 St. Marys ave., Rosebank	Deckhand	mo., 60 00
James J. Laverty	91 Eagle st., Brooklyn	Deckhand	mo., 60 00
Frank S. Lawler	128 Pioneer ave., Brooklyn	Deckhand	hour, 37½
Joseph Le Febvre	437 E. 145th st.	Deckhand	mo., 60 00
George J. Lewis	17 Wall st., Rosebank	Deckhand	mo., 60 00
Henry John Lussen	2069 2d ave.	Deckhand	mo., 60 00
Patrick McCauley	57 West st., Manhattan	Deckhand	mo., 60 00
Frank McCarthy	434 W. 49th st., Manhattan	Deckhand	hour, 37½
Dan'l J. McCourt	42 Hicks st., Brooklyn	Deckhand	mo., 60 00
Harry F. McCoy	444 E. 79th st., Manhattan	Deckhand	mo., 60 00
Edward McDonald	23 W. 60th st., Manhattan	Deckhand	hour, 37½
Thomas McDonald	344 Steinway ave., Queens	Deckhand	hour, 37½
Patrick McDonough	417 W. 41st st., Manhattan	Deckhand	hour, 37½
Frank J. McE. Larney	54 McKeon st., Stapleton, S. I.	Deckhand	mo., 60 00
Bartholomew McGee	32 4th pl., Brooklyn	Deckhand	mo., 60 00
John McGee	41 St. Paul ave., Tompkinsville	Deckhand	mo., 60 00
Peter P. McGreal	1048 2d ave., Brooklyn	Deckhand	mo., 60 00
Daniel J. McHenry	434 Pleasant ave., Manhattan	Deckhand	mo., 60 00
James J. McKay, Jr.	99 Java st., Brooklyn	Deckhand	mo., 60 00
Harry J. McKillop	189 Russell st., Brooklyn	Deckhand	mo., 60 00
Denis A. McManus	365 Hicks st., Brooklyn	Deckhand	mo., 60 00
Timothy Madden	820 Greenwich st., Manhattan	Deckhand	mo., 60 00
Edward J. Mahoney	25 5th ave., New Brighton, S. I.	Deckhand	mo., 60 00
John P. Malone	38 Washington st., Manhattan	Deckhand	mo., 60 00
Samuel Mars	429 W. 30th st., Manhattan	Deckhand	mo., 60 00
John A. Martin	927 Franklin ave., Brooklyn	Deckhand	mo., 60 00
Theodore Martineau	101 Jersey st., New Brighton, S. I.	Deckhand	mo., 60 00
John H. Martino	221 W. 15th st., Manhattan	Deckhand	mo., 60 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Vincenzo Mécca.....	125 Thompson st.	Deckhand.....	mo., \$60 00
Peter Merli.....	37 Cherry st.	Deckhand.....	mo., 60 00
Charles E. Merrell.....	1561 Richmond ter., Mariner's Harbor.	Deckhand.....	mo., 60 00
James H. Merrell.....	1562 Richmond ter., Mariner's Harbor.	Deckhand.....	mo., 60 00
John S. Mitchell.....	407 W. 50th st.	Deckhand.....	mo., 60 00
Thomas Mitchell.....	229 Broad st., Stapleton.	Deckhand.....	mo., 60 00
George Morrissey.....	992 4th ave., Brooklyn.	Deckhand.....	mo., 60 00
James J. Mulligan.....	524 Linwood st., Brooklyn.	Deckhand.....	mo., 60 00
Thomas F. Murphy.....	403 W. 51st st., Manhattan.	Deckhand.....	mo., 60 00
William Murphy.....	72 Monroe ave., Tompkinsville, S. I.	Deckhand.....	mo., 60 00
Louis Nebel.....	314 Richmond rd., Stapleton, S. I.	Deckhand.....	mo., 75 00
August Nebgen.....	428 W. 54th st.	Deckhand.....	mo., 60 00
James Nichols.....	7 Cliff st., Fort Wadsworth, S. I.	Deckhand.....	mo 60 00
Daniel F. O'Loughlin.....	47 Woodhull st., Brooklyn.	Deckhand.....	mo., 60 00
Harry A. Oak.....	185 E. 80th st.	Deckhand.....	mo., 60 00
John T. O'Brien.....	548 E. 134th st., The Bronx.	Deckhand.....	mo., 60 00
Thomas O'Brien.....	12 5th ave., New Brighton.	Deckhand.....	hour, 37½
Robert Nott, Jr.....	166 8th st., Brooklyn.	Deckhand.....	mo., 60 00
Jeremiah J. Reardon.....	6 York ave., New Brighton, S. I.	Deckhand.....	mo., 60 00
William F. Reardon.....	417 60th st., Brooklyn.	Deckhand.....	mo., 60 00
Emil Reutter.....	204 W. 64th st.	Deckhand.....	mo., 60 00
John H. Riechel.....	31 Canal st., Stapleton, S. I.	Deckhand.....	mo., 60 00
Austin Rivers.....	1170 New York ave., Rosebank, S. I.	Deckhand.....	mo., 60 00
John H. Rogers.....	409 W. 127th st.	Deckhand.....	mo., 60 00
John J. Rohan.....	249 Clinton st., Manhattan.	Deckhand.....	mo., 60 00
George Roop.....	34 Morton st., Manhattan.	Deckhand.....	mo 60 00
Thomas J. Rose.....	423 Hart st., Brooklyn.	Deckhand.....	mo., 60 00
Edward J. Ryan.....	517 2d st., College Point.	Deckhand.....	mo., 60 00
James Scott.....	28 Beach st., Stapleton, S. I.	Deckhand.....	mo., 60 00
Daniel Senese.....	20 Catharine Slip, Manhattan.	Deckhand.....	hour, 37½
Daniel Shen.....	165 Lexington ave., Manhattan.	Deckhand.....	hour, 37½
Edward Sheehan.....	486 3d st., Brooklyn.	Deckhand.....	mo., 60 00
Thomas Shinnick.....	226 E. 85th st.	Deckhand.....	mo., 60 00
Geo. D. Siegelbaum.....	230 E. 80th st.	Deckhand.....	mo., 60 00
Charles Smith.....	158 Simonson st., Mariner's Harbor.	Deckhand.....	mo., 60 00
James Smith.....	521 Vanderbilt ave., Stapleton, S. I.	Deckhand.....	mo., 60 00
Thomas Smith.....	512 E. 80th st.	Deckhand.....	mo., 60 00
Alfred Squier.....	314 Richmond ave., Pt. Richmond.	Deckhand.....	mo., 60 00
John Staats.....	1185 New York ave., Rosebank, S. I.	Deckhand.....	mo., 60 00
Frank J. Stevens.....	26 Madison st., Manhattan.	Deckhand.....	mo., 60 00
Dennis Sullivan.....	169 E. 102d st.	Deckhand.....	hour, 37½
William J. Sullivan.....	184 Nelson st., Brooklyn.	Deckhand.....	mo., 60 00
James H. Sweeney.....	323 4th st., Brooklyn.	Deckhand.....	mo., 60 00
Michael J. Sweeney.....	57 Fulton st., Brooklyn.	Deckhand.....	mo., 60 00
Richard Sweeney.....	258 Pennsylvania ave., Rosebank, S. I.	Deckhand.....	mo., 60 00
Richard H. Taylor.....	247 Bay st., Stapleton, S. I.	Deckhand.....	mo., 60 00
Geo. F. Teator.....	233 Willis ave., The Bronx.	Deckhand.....	mo., 60 00
Richard Walton.....	408 W. 56th st., Manhattan.	Deckhand.....	mo., 75 00
John Ward.....	13 Little W. 12th st.	Deckhand.....	mo., 60 00
Edward Weeks.....	229 Lee ave., Brooklyn.	Deckhand.....	mo., 60 00
Daniel J. Wigmore.....	15 2d pl., Brooklyn.	Deckhand.....	hour, 37½
Joseph C. Williams.....	26 Rose st., Manhattan.	Deckhand.....	mo., 60 00
Alfred B. Wilson.....	449 7th ave., Brooklyn.	Deckhand.....	mo., 60 00
Henry Wintermeyer.....	123 Broad st., Stapleton, S. I.	Deckhand.....	mo., 60 00
Thomas P. Wood.....	2 W. 134th st., Manhattan.	Deckhand.....	hour, 37½
Peter Gilligan.....	531 W. 152d st.	Supervising Diver.....	wk., 35 00
Erick T. Christensen.....	566 46th st., Brooklyn.	Diver.....	hour, 1 25
James Green.....	45 Cooper st., Astoria.	Diver.....	hour, 1 25
Gunder Gundersen.....	5212 6th ave., Brooklyn.	Diver.....	hour, 1 25
Edward Hickman.....	181 Essex st., Brooklyn.	Diver.....	hour, 1 25
Bernard J. Keegan.....	22 Fort Greene pl., Brooklyn.	Diver.....	hour, 1 25
Napoleon B. La Mountain.....	103 Pioneer st., Brooklyn.	Diver.....	hour, 1 25
Stanley Murphy.....	24 Tompkins st., Stapleton, S. I.	Diver.....	hour, 1 25
Frank Meier.....	23 E. 135th st.	Diver.....	hour, 1 25
Robert S. Russell.....	1731 Avenue A, Manhattan.	Diver.....	hour, 1 25
David M. Tullock.....	122 W. 94th st.	Diver.....	hour, 1 25
Thomas E. Walsh.....	238 E. 14th st.	Diver.....	hour, 1 25
John F. Ahearn.....	69 Jackson st., Manhattan.	Diver's Tender.....	hour, 43½
Frank M. Falvey.....	47 E. Houston st., Manhattan.	Diver's Tender.....	hour, 43½
William M. Falvey.....	62 E. Houston st., Manhattan.	Diver's Tender.....	hour, 43½
Patrick Griffen.....	177 10th ave., Manhattan.	Diver's Tender.....	hour, 43½
John R. Leary.....	461 39th st., Brooklyn.	Diver's Tender.....	hour, 43½



NAME	RESIDENCE	POSITION	SALARY OR WAGES
Bartholomew McSherry...	149 Willis ave., The Bronx.....	Diver's Tender.....	hr., \$0 43
James Weaver.....	397 1st ave., Manhattan.....	Diver's Tender.....	hour, 43
Thomas F. A. Winfield.....	228 E. 118th st., Manhattan.....	Diver's Tender.....	hour, 43
Peter Abbott.....	189 Avenue C.....	Dock Builder.....	hour, 43
Daniel Ahern.....	466 Cherry st.....	Dock Builder.....	hour, 43
Thomas Ahern.....	61 Jackson st.....	Dock Builder.....	hour, 43
Thomas J. Ahearn.....	331 Madison st.....	Dock Builder.....	hour, 43
Patrick Ahearn.....	261 Division Ave., Brooklyn.....	Dock Builder.....	hour, 43
Frederick Akerstrom.....	2285 7th ave.....	Dock Builder.....	hour, 43
Anders Andersen.....	56 Van Brunt st., Brooklyn.....	Dock Builder.....	hour, 43
Edward F. Anderson.....	228 E. 114th st.....	Dock Builder.....	hour, 43
James A. Anderson.....	228 E. 114th st.....	Dock Builder.....	hour, 43
Peter O. Anderson.....	103 E. 104th st.....	Dock Builder.....	hour, 43
Theodore Baade.....	523 E. 147th st., The Bronx.....	Dock Builder.....	hour, 43
John A. Beck.....	322 Bowery.....	Dock Builder.....	hour, 43
Thomas Beirne.....	797 E. 156th st., The Bronx.....	Dock Builder.....	hour, 43
Jacob Benz.....	727 10th ave., Manhattan.....	Dock Builder.....	hour, 43
Cornelius A. Bergen.....	245 Grand View ave., Mariners' Harbor.....	Dock Builder.....	hour, 43
John Beyer.....	501 W. 51st st.....	Dock Builder.....	hour, 43
Thomas Black.....	526 W. 174th st.....	Dock Builder.....	hour, 43
Peter Borgeson.....	1410 Prospect ave., The Bronx.....	Dock Builder.....	hour, 43
Edward F. Brady.....	Cottage Row, Kingsbridge.....	Dock Builder.....	hour, 43
James Brady.....	500 W. 49th st.....	Dock Builder.....	hour, 43
Patrick Brady.....	290 E. 7th st.....	Dock Builder.....	hour, 43
John Brennan.....	242 W. 10th st.....	Dock Builder.....	hour, 43
Cornelius J. Britt.....	101 Bedford ave., Brooklyn.....	Dock Builder.....	hour, 43
Harry Bronson.....	198 Nagle ave., The Bronx.....	Dock Builder.....	hour, 43
George H. Brower.....	112 S. 8th st., Brooklyn.....	Dock Builder.....	hour, 43
Geo. Brown.....	83 Luqueer st., Brooklyn.....	Dock Builder.....	hour, 43
Henry Brown.....	282 W. 117th st.....	Dock Builder.....	hour, 43
Richard Butler.....	Stapleton, S. I.....	Dock Builder.....	hour, 43
John J. Byrne.....	416 W. 35th st.....	Dock Builder.....	hour, 43
Peter J. Byrne.....	443 W. 33d st.....	Dock Builder.....	hour, 43
Thomas J. Cahill.....	55 Lyman ave., Rosebank, S. I.....	Dock Builder.....	hour, 43
John Callahan.....	93 10th ave.....	Dock Builder.....	hour, 43
John Campbell.....	698 6th ave., Brooklyn.....	Dock Builder.....	hour, 43
Patrick Canty.....	Flushing, L. I.....	Dock Builder.....	hour, 43
Michael Carlos.....	489 E. 176th st., The Bronx.....	Dock Builder.....	hour, 43
James Carren.....	472 E. 10th st.....	Dock Builder.....	hour, 43
Terence F. Carroll.....	103 W. 98th st.....	Dock Builder.....	hour, 43
Wm. H. Carroll.....	48 Convent ave., Manhattan.....	Dock Builder.....	hour, 43
Jonas O. Choland.....	666 47th st., Brooklyn.....	Dock Builder.....	hour, 43
Maurice Christal.....	428 E. 66th st.....	Dock Builder.....	hour, 43
Michael Christal.....	138 Christopher st.....	Dock Builder.....	hour, 43
Albert Clabes.....	505 W. 47th st.....	Dock Builder.....	hour, 43
John Coffey.....	436 9th ave.....	Dock Builder.....	hour, 43
Cornelius Coleman.....	84 Amsterdam ave.....	Dock Builder.....	hour, 43
James A. Coleman.....	403 W. 57th st.....	Dock Builder.....	hour, 43
John H. Collins.....	6 Amsterdam ave.....	Dock Builder.....	hour, 43
Matthew Cooney.....	500 W. 133d st.....	Dock Builder.....	hour, 43
Thomas F. Conway.....	227 W. 142d st.....	Dock Builder.....	hour, 43
Patrick J. Conway.....	509 W. 54th st.....	Dock Builder.....	hour, 43
Terence Cumiskey.....	1907 2d ave.....	Dock Builder.....	hour, 43
James Cumiskey.....	1907 2d ave.....	Dock Builder.....	hour, 43
Daniel Currie.....	45 E. 134th st.....	Dock Builder.....	hour, 43
John P. Daley.....	1706 Amsterdam ave.....	Dock Builder.....	hour, 43
John Daniels.....	35 Schaffer st., Brooklyn.....	Dock Builder.....	hour, 43
John O. Danielsson.....	1160 39th st., Brooklyn.....	Dock Builder.....	hour, 43
Harry S. Dearie.....	2110 Amsterdam ave.....	Dock Builder.....	hour, 43
William Deitz.....	924 Kelley st., The Bronx.....	Dock Builder.....	hour, 43
Frederick Derouin.....	158 Waverly pl., Manhattan.....	Dock Builder.....	hour, 43
John De Temple.....	492 E. 134th st., The Bronx.....	Dock Builder.....	hour, 43
Aaron DeWitt.....	56 West st.....	Dock Builder.....	hour, 43
Peter Donohue.....	135 E. 119th st.....	Dock Builder.....	hour, 43
Patrick Donovan.....	429 W. 42d st.....	Dock Builder.....	hour, 43
Louis Dossik.....	733 Prospect ave., The Bronx.....	Dock Builder.....	hour, 43
Henry Doyle.....	195 29th st., Brooklyn.....	Dock Builder.....	hour, 43
Joseph Doyle.....	286 W. Houston st.....	Dock Builder.....	hour, 43
John Driscoll.....	76 Canal st.....	Dock Builder.....	hour, 43
Thomas Dunne.....	435 W. 33d st.....	Dock Builder.....	hour, 43
Peter Duprey.....	62 W. 100th st.....	Dock Builder.....	hour, 43
Thomas Early.....	650 10th ave.....	Dock Builder.....	hour, 43
Victor F. Erickson.....	1261 Park ave.....	Dock Builder.....	hour, 43
Louis Fabur.....	356 W. 52d st.....	Dock Builder.....	hour, 43

NAME	RESIDENCE	POSITION	SALARY OR WAGES
James Fagan	146 Wythe ave., Brooklyn	Doek Builder	hr., \$0 43 1/2
Peter Fassig	400 E. 82d st.	Doek Builder	hour, 43 1/2
John Thomas Fay	52 John st.	Doek Builder	hour, 43 1/2
Thomas J. Finnen	428 W. 48th st.	Doek Builder	hour, 43 1/2
John Finnerty	61 3d st., L. I. C.	Doek Builder	hour, 43 1/2
Michael Finnerty	724 10th ave.	Doek Builder	hour, 43 1/2
Matthew J. Fitzgerald	474 W. 146th st.	Doek Builder	hour, 43 1/2
William Fitzgerald (No. 2)	720 E. 225th st., The Bronx	Doek Builder	hour, 43 1/2
John Fitzpatrick	84 Ridge st.	Doek Builder	hour, 43 1/2
Louis Flecker	21 Stagg st., Brooklyn	Doek Builder	hour, 43 1/2
Edward Flynn	27 Manhattan st.	Doek Builder	hour, 43 1/2
Joseph A. Flynn	535 W. 49th st.	Doek Builder	hour, 43 1/2
Patrick Flynn	235 W. 67th st.	Doek Builder	hour, 43 1/2
William Forbes	188th st., and Amsterdam ave.	Doek Builder	hour, 43 1/2
Patrick Gately	2556 8th ave., Manhattan	Doek Builder	hour, 43 1/2
Thomas Gill	346 E. 44th st.	Doek Builder	hour, 43 1/2
John T. Gilligan	349 W. Houston st.	Doek Builder	hour, 43 1/2
Jas. Gordon	28 Taylor st., W. New Brighton	Doek Builder	hour, 43 1/2
Thomas F. Gorman	418 W. 42d st.	Doek Builder	hour, 43 1/2
Thomas Graham	164 Christopher st.	Doek Builder	hour, 43 1/2
John Green	1304 Intervale ave., The Bronx	Doek Builder	hour, 43 1/2
John J. Grantham	Port Richmond, S. I.	Doek Builder	hour, 43 1/2
Charles Hagan	393 E. 121st st., Manhattan	Doek Builder	hour, 43 1/2
Cornelius Hagan	221 E. 101st st.	Doek Builder	hour, 43 1/2
John W. Hanna	688 10th ave.	Doek Builder	hour, 43 1/2
Joseph J. Harmon	343 E. 138th st.	Doek Builder	hour, 43 1/2
Michael Harrigan	328 E. 93d st.	Doek Builder	hour, 43 1/2
Charles Hart	597 Hudson st.	Doek Builder	hour, 43 1/2
William Hart	605 W. 45th st.	Doek Builder	hour, 43 1/2
Thomas Hartin	163 W. 102d st.	Doek Builder	hour, 43 1/2
John Hatton	345 E. 37th st.	Doek Builder	hour, 43 1/2
Michael Hennessey	2795 8th ave., Manhattan	Doek Builder	hour, 43 1/2
Henry Henriksen	2330 Aqueduct ave., The Bronx	Doek Builder	hour, 43 1/2
Matthew Hetzel	2777 8th ave., Manhattan	Doek Builder	hour, 43 1/2
Alfred Hines	446 W. 58th st.	Doek Builder	hour, 43 1/2
Henry G. Hohl	1244 Greene ave., Brooklyn	Doek Builder	hour, 43 1/2
John Hofgren	9 Linden st., New Brighton	Doek Builder	hour, 43 1/2
Timothy Howard	46 Marcy ave., Brooklyn	Doek Builder	hour, 43 1/2
Jacob Hufnagel	1773 Amsterdam ave.	Doek Builder	hour, 43 1/2
John Hughes	200 W. 68th st.	Doek Builder	hour, 43 1/2
Oscar Jacobson	421 52d st., Brooklyn	Doek Builder	hour, 43 1/2
William Jacobson	321 Crimmins ave., The Bronx	Doek Builder	hour, 43 1/2
John Jones	242 E. 123d st.	Doek Builder	hour, 43 1/2
Anton Jahoda	Astoria, L. I.	Doek Builder	hour, 43 1/2
Charles Johnson	2779 8th ave.	Doek Builder	hour, 43 1/2
John R. Johnson	120 2d st., Brooklyn	Doek Builder	hour, 43 1/2
Peter Johnson	521 W. 39th st.	Doek Builder	hour, 43 1/2
William Jordan (No. 1)	165 St. Nicholas ave.	Doek Builder	hour, 43 1/2
William Jordan (No. 2)	831 Jennings st., The Bronx	Doek Builder	hour, 43 1/2
Charles Just	513 W. 47th st.	Doek Builder	hour, 43 1/2
William C. Kaberich	274 W. 143d st.	Doek Builder	hour, 43 1/2
Lawrence Kately	39 Jane st.	Doek Builder	hour, 43 1/2
Michael G. Keating	909 6th ave.	Doek Builder	hour, 43 1/2
Martin Kehoe	761 2d ave.	Doek Builder	hour, 43 1/2
George Kelly	171 W. 98th st.	Doek Builder	hour, 43 1/2
John Kelly	454 W. 53d st.	Doek Builder	hour, 43 1/2
Thomas J. Kelly	107 Leroy st., Manhattan	Doek Builder	hour, 43 1/2
Hill F. Kennedy	78 Christopher st., Manhattan	Doek Builder	hour, 43 1/2
Michael J. Kennedy	80 Meserole ave., Brooklyn	Doek Builder	hour, 43 1/2
William Kennedy	344 Madison st., New York City	Doek Builder	hour, 43 1/2
Thomas Kenny	565 2d ave.	Doek Builder	hour, 43 1/2
Albert G. Kenefick	664 Driggs ave., Brooklyn	Doek Builder	hour, 43 1/2
Wm. J. Kerrigan	807 Columbus ave.	Doek Builder	hour, 43 1/2
James Kiernan	205 Kent st., Brooklyn	Doek Builder	hour, 43 1/2
Michael Kiernan	206 W. 146th st., Manhattan	Doek Builder	hour, 43 1/2
Patrick J. Kiernan	235 W. 148th st.	Doek Builder	hour, 43 1/2
Thomas Kilcarr	107 Charlton st.	Doek Builder	hour, 43 1/2
Daniel J. Kinsley	715 9th ave., Manhattan	Doek Builder	hour, 43 1/2
Jacob Klami	635 47th st., Brooklyn	Doek Builder	hour, 43 1/2
Julius J. Klavness	1260 Nelson ave., The Bronx	Doek Builder	hour, 43 1/2
Charles M. Knudsen	15 Beach pl., Brooklyn	Doek Builder	hour, 43 1/2
Ole Knudsen	187 29th st., Brooklyn	Doek Builder	hour, 43 1/2
Thomas Lafferty	250 E. 101st st.	Doek Builder	hour, 43 1/2
John Lahey	444 49th st., Brooklyn	Doek Builder	hour, 43 1/2
Thomas Lahey	448 W. 38th st.	Doek Builder	hour, 43 1/2

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Richard Lancer.....	82 Charles st.....	Dock Builder.....	hr., \$0 43 4
Wm. M. Larkey.....	336 Pearl st., Manhattan.....	Dock Builder.....	hour, 43
Hans Larsen.....	Aqueduct ave. and 181st st., Bronx..	Dock Builder.....	hour, 43
Emil Lauterberg.....	465 W. 46th st.....	Dock Builder.....	hour, 43
Edward K. Lawrence.....	21 Morton st.....	Dock Builder.....	hour, 43
Henry Lerch, Jr.....	98 Enfield st., Brooklyn.....	Dock Builder.....	hour, 43
Henry Lerch, Sr.....	98 Enfield st., Brooklyn.....	Dock Builder.....	hour, 43
John Lieberman.....	350 W. 42d st.....	Dock Builder.....	hour, 43
David H. Link.....	706 9th ave.....	Dock Builder.....	hour, 43
Joseph Lockwood.....	213 E. 84th st.....	Dock Builder.....	hour, 43
George Link.....	760 11th ave.....	Dock Builder.....	hour, 43
John H. Link.....	444 W. 54th st.....	Dock Builder.....	hour, 43
William Link.....	553 W. 53d st., N. Y. City.....	Dock Builder.....	hour, 43
John Linstrom.....	619 E. 140th st.....	Dock Builder.....	hour, 43
Joseph M. Locher.....	504 W. 48th st.....	Dock Builder.....	hour, 43
John Love (No. 1).....	102 Avenue D.....	Dock Builder.....	hour, 43
John J. Love.....	1756 Hancock st., St. James, Park L. I.....	Dock Builder.....	hour, 43
Robert McCafferty.....	728 E. 142d st.....	Dock Builder.....	hour, 43
James McCafferty.....	522 10th ave.....	Dock Builder.....	hour, 43
Michael McCallan.....	761 Manhattan ave., Brooklyn.....	Dock Builder.....	hour, 43
Thomas McCann.....	463 W. 42d st.....	Dock Builder.....	hour, 43
James J. McCarthy.....	759 10th ave., N. Y. City.....	Dock Builder.....	hour, 43
Joseph A. McClellan.....	101 Warren st., Stapleton, S. I.....	Dock Builder.....	hour, 43
Angus McDonald.....	412 W. 42d st.....	Dock Builder.....	hour, 43
John McDonald.....	760 11th ave.....	Dock Builder.....	hour, 43
Thomas F. McDonald.....	117 W. 15th st.....	Dock Builder.....	hour, 43
Charles McElroy.....	328 E. 77th st.....	Dock Builder.....	hour, 43
Chas. W. McGill.....	621 9th ave.....	Dock Builder.....	hour, 43
Andrew McGinley.....	731 Greenwich st.....	Dock Builder.....	hour, 43
Frank J. McGrath.....	322 W. 49th st.....	Dock Builder.....	hour, 43
John J. McGuire.....	341 E. 122d st.....	Dock Builder.....	hour, 43
John McHugh.....	228 E. 43d st.....	Dock Builder.....	hour, 43
Patrick McHugh.....	432 W. 51st st.....	Dock Builder.....	hour, 43
John E. McIntyre.....	304 W. 11th st.....	Dock Builder.....	hour, 43
Peter McIver.....	465 W. 163d st.....	Dock Builder.....	hour, 43
John A. McKinley.....	4338 Park ave., The Bronx.....	Dock Builder.....	hour, 43
Daniel A. McKinney.....	428 Pleasant ave., N. Y. City.....	Dock Builder.....	hour, 43
John J. McLaughlin.....	419 Brook ave., The Bronx.....	Dock Builder.....	hour, 43
William G. McLaughlin.....	441 Pleasant ave.....	Dock Builder.....	hour, 43
Daniel McLeod.....	430 Pleasant ave.....	Dock Builder.....	hour, 43
Neil McLeod.....	183 W. 63d st.....	Dock Builder.....	hour, 43
Joseph G. McManus.....	507 10th ave.....	Dock Builder.....	hour, 43
Thomas McNally.....	201 W. 146th st., Manhattan.....	Dock Builder.....	hour, 43
Patrick J. McNulty.....	421 W. 38th st.....	Dock Builder.....	hour, 43
William McVey.....	West New Brighton.....	Dock Builder.....	hour, 43
Daniel Maguire.....	439 E. 14th st.....	Dock Builder.....	hour, 43
Michael Mahoney.....	590 Amsterdam ave.....	Dock Builder.....	hour, 43
Martin Manning.....	550 W. 49th st.....	Dock Builder.....	hour, 43
Geo. V. Marion.....	417 W. 18th st.....	Dock Builder.....	hour, 43
Anthony J. Mascher.....	437 W. 50th st.....	Dock Builder.....	hour, 43
Walter A. Matts.....	343 E. 122d st.....	Dock Builder.....	hour, 43
Patrick May.....	1712 Amsterdam ave.....	Dock Builder.....	hour, 43
Louis J. Miller.....	59 Mangin st.....	Dock Builder.....	hour, 43
John J. Mooney.....	202 E. 19th st.....	Dock Builder.....	hour, 43
James Mulgrew.....	113 E. 102d st.....	Dock Builder.....	hour, 43
John Mulhern.....	85 Myrtle ave., Brooklyn.....	Dock Builder.....	hour, 43
James Murray.....	133 W. 66th st.....	Dock Builder.....	hour, 43
John Murray.....	357 W. 16th st.....	Dock Builder.....	hour, 43
Emil A. Nelson.....	428 36th st., Brooklyn.....	Dock Builder.....	hour, 43
Julius Nelson.....	664 47th st., Brooklyn.....	Dock Builder.....	hour, 43
Wilson L. Newbegin.....	645 2d ave.....	Dock Builder.....	hour, 43
Alfred C. Newell.....	1516 Rosell st., The Bronx.....	Dock Builder.....	hour, 43
Joseph H. Nolan.....	416 Hooper st., Brooklyn.....	Dock Builder.....	hour, 43
John Norbeck.....	167 Clinton st., Manhattan.....	Dock Builder.....	hour, 43
Robert J. Oakley.....	322 Kingsbridge rd., The Bronx.....	Dock Builder.....	hour, 43
James Oakley.....	637 45th st., Brooklyn.....	Dock Builder.....	hour, 43
Daniel O'Brien.....	324 E. 19th st.....	Dock Builder.....	hour, 43
Thomas O'Brien.....	128 Varick st.....	Dock Builder.....	hour, 43
Charles O'Hara.....	1742 Amsterdam ave.....	Dock Builder.....	hour, 43
Thomas H. Oehrt.....	274 Nassau ave., Brooklyn.....	Dock Builder.....	hour, 43
Isaac Olsen.....	85 Greenpoint ave., Brooklyn.....	Dock Builder.....	hour, 43
Jonas Olsen.....	537 Clinton st., Brooklyn.....	Dock Builder.....	hour, 43
Thomas O'Neill.....	396 E. 10th st.....	Dock Builder.....	hour, 43
William H. O'Neill.....	514 E. 15th st.....	Dock Builder.....	hour, 43

NAME	RESIDENCE	POSITION	SALARY OR WAGES
William F. Owens.....	820 10th ave.....	Dock Builder.....	hour, \$0 43
Merwin J. Page.....	350 E. 18th st.....	Dock Builder.....	hour, 43
Edward Parker.....	470 W. 23d st.....	Dock Builder.....	hour, 43
William Perchback.....	269 Marion st., Brooklyn.....	Dock Builder.....	hour, 43
Charles A. Pearson.....	324 E. 123d st.....	Dock Builder.....	hour, 43
Albert B. Peters.....	505 E. Houston st.....	Dock Builder.....	hour, 43
Andrew Peterson.....	140 Brighton ave., New Brighton, S. I.....	Dock Builder.....	hour, 43
Charles Peterson.....	Corona, L. I.....	Dock Builder.....	hour, 43
Peter Peterson.....	14 Manhattan pl.....	Dock Builder.....	hour, 43
Christopher E. Pettit.....	Carver st., Queens.....	Dock Builder.....	hour, 43
Thomas Purdy, Jr.....	2329 Newbold ave., Westchester.....	Dock Builder.....	hour, 43
Eugene Quinn.....	501 W. 56th st., Manhattan.....	Dock Builder.....	hour, 43
John J. Quinn.....	857 8th ave.....	Dock Builder.....	hour, 43
Michael J. Quirk.....	167 E. 116th st.....	Dock Builder.....	hour, 43
James Radinsky.....	444 Morton st.....	Dock Builder.....	hour, 43
John P. Regan.....	512 W. 46th st.....	Dock Builder.....	hour, 43
John Reeves.....	44 Bethune st.....	Dock Builder.....	hour, 43
Patrick Regan.....	171 E. 111th st.....	Dock Builder.....	hour, 43
Patrick A. Reid.....	239 12th st., Brooklyn.....	Dock Builder.....	hour, 43
Michael F. Reilly.....	655 E. 16th st.....	Dock Builder.....	hour, 43
Charles Reynolds.....	109 Java st., Brooklyn.....	Dock Builder.....	hour, 43
George Ricker.....	148 N. 8th st., Brooklyn.....	Dock Builder.....	hour, 43
John J. Rodgers.....	1825 2d ave.....	Dock Builder.....	hour, 43
Louis Rose.....	437 W. 53d st.....	Dock Builder.....	hour, 43
Alexander Ross.....	253 Kosciusko st., Brooklyn.....	Dock Builder.....	hour, 43
Thomas P. Rutledge.....	246 Avenue A.....	Dock Builder.....	hour, 43
John J. Ryan.....	122 Charlton st.....	Dock Builder.....	hour, 43
Richard F. Ryan.....	507 W. 56th st., New York.....	Dock Builder.....	hour, 43
William Ryan (No. 1).....	266 W. 154th st.....	Dock Builder.....	hour, 43
Edward Schwacke.....	349 Hudson st.....	Dock Builder.....	hour, 43
Thomas Scanlan.....	65 Macdougall st.....	Dock Builder.....	hour, 43
Peter Severinsson.....	93 Nelson st., Brooklyn.....	Dock Builder.....	hour, 43
John E. Sharp.....	641 11th ave.....	Dock Builder.....	hour, 43
Patrick Sherry.....	318 E. 33d st.....	Dock Builder.....	hour, 43
Timothy F. Shine.....	313 E. 78th st.....	Dock Builder.....	hour, 43
Jacob Simermeyer.....	561 W. 54th st.....	Dock Builder.....	hour, 43
Alexander Sinclair.....	354 W. 56th st.....	Dock Builder.....	hour, 43
Albert Sipila.....	249 E. 122d st.....	Dock Builder.....	hour, 43
Patrick Skelly.....	14 Commerce st.....	Dock Builder.....	hour, 43
Patrick Skully.....	79 9th st., Long Island City.....	Dock Builder.....	hour, 43
Charles W. Smith.....	1444 Boston rd., The Bronx.....	Dock Builder.....	hour, 43
Frank A. Smith.....	124 33d st., Brooklyn.....	Dock Builder.....	hour, 43
James J. Smith.....	536 E. 135th st.....	Dock Builder.....	hour, 43
Philip Spielman, Jr.....	2087 Amsterdam ave.....	Dock Builder.....	hour, 43
Edward Stack.....	204 W. 67th st.....	Dock Builder.....	hour, 43
Frank J. Starr.....	Jamaica, L. I.....	Dock Builder.....	hour, 43
Frederick Stickler.....	133 Lewis st.....	Dock Builder.....	hour, 43
Christoff H. Stockmeyer.....	97 Taylor st., West New Brighton.....	Dock Builder.....	hour, 43
Thomas Sullivan.....	818 E. 6th st.....	Dock Builder.....	hour, 43
Ash Sunderlin.....	268 W. 134th st.....	Dock Builder.....	hour, 43
John W. Swackhamer.....	258 W. 65th st.....	Dock Builder.....	hour, 43
Geo. M. Sykes.....	4349 Broadway.....	Dock Builder.....	hour, 43
James Sweeney.....	627 Columbus ave.....	Dock Builder.....	hour, 43
Edwin O. Taylor.....	515 W. 47th st.....	Dock Builder.....	hour, 43
Matthew Tevlin.....	230 E. 45th st.....	Dock Builder.....	hour, 43
John G. Thompson.....	930 Crescent st., Astoria.....	Dock Builder.....	hour, 43
Peter Thompson.....	91 Luquer st., Brooklyn.....	Dock Builder.....	hour, 43
Theodore Tolfsen.....	Demarest ave., West New Brighton.....	Dock Builder.....	hour, 43
Frederick Trojan.....	341 W. 38th st.....	Dock Builder.....	hour, 43
Harmer H. Van Cott.....	1839 Holland ave., The Bronx.....	Dock Builder.....	hour, 43
John Volk.....	599 E. 139th st.....	Dock Builder.....	hour, 43
Stephen Voysey.....	509 Hicks st., Brooklyn.....	Dock Builder.....	hour, 43
Robert A. Wall.....	Warren st., Stapleton, S. I.....	Dock Builder.....	hour, 43
Martin Walsh.....	2332 Belmont ave., The Bronx.....	Dock Builder.....	hour, 43
Thomas Walsh.....	237 Union st., Brooklyn.....	Dock Builder.....	hour, 43
Patrick J. Ward.....	Rosebank S. I.....	Dock Builder.....	hour, 43
William Webber.....	1770 Amsterdam ave.....	Dock Builder.....	hour, 43
John Wilson.....	511 W. 59th st.....	Dock Builder.....	hour, 43
John W. Wilson.....	537 E. 85th st.....	Dock Builder.....	hour, 43
William Wilson.....	482 E. 134th st.....	Dock Builder.....	hour, 43
Edward Abeel.....	1006 Bergen st., Brooklyn.....	Dock Master.....	\$2,100 00
Gerard Bancker.....	339 W. 23d st.....	Dock Master.....	2,100 00
Walter O. Bollas.....	73 Conseyea st., Brooklyn.....	Dock Master.....	2,100 00
Thomas E. Booth.....	Vanderbilt Hotel, E. 42d st.....	Dock Master.....	2,100 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
James Casey	1253 Franklin ave., The Bronx	Dock Master	\$1,800 00
John J. Cauldwell	154 Clarkson st., Brooklyn	Dock Master	2,100 00
Richard Cleary	191 N. 4th st., Brooklyn	Dock Master	1,800 00
James H. Daly	308 E. 18th st.	Dock Master	2,100 00
John J. Donohue	307 Columbus ave.	Dock Master	2,100 00
Henry C. Dunham	Flushing, L. I.	Dock Master	2,100 00
James J. Fleming	229 E. 12th st.	Dock Master	2,100 00
Charles H. Greenfield	51 E. 129th st.	Dock Master	2,100 00
L. Hitch Harrison	198 Hudson st.	Dock Master	2,100 00
Victor Heimberger	120 W. 117th st.	Dock Master	2,100 00
Patrick Hennessey	213 E. 21st st.	Dock Master	2,100 00
Richard H. Lee	326 E. 18th st.	Dock Master	2,100 00
Patrick H. Lydon	439 E. 141st st., The Bronx	Dock Master	1,800 00
Edward McCrimlisk	1 Cannon st.	Dock Master	2,100 00
James McMahon	198 E. 76th st.	Dock Master	2,100 00
James T. Murray	359 W. 22d st., Manhattan	Dock Master	1,800 00
Lawrence W. O'Connor	982 Sterling pl., Brooklyn	Dock Master	2,100 00
William H. Rockwell	43 E. 80th st.	Dock Master	2,100 00
George E. Rodgers	96 Melton st., Brooklyn	Dock Master	2,100 00
Joseph D. Vail	57 Madison st., Manhattan	Dock Master	2,100 00
Thomas Burns	26 Powers st., Brooklyn	Doorman	mo., 60 00
John Cooney	154 W. 68th st.	Doorman	mo., 60 00
Michael Dalton	Tompkinsville, S. I.	Doorman	mo., 60 00
Thomas Dineen	341 E. 79th st., Manhattan	Doorman	mo., 60 00
John Dwyer	314 E. 70th st., Manhattan	Doorman	mo., 60 00
Rudolph Fischer	1450 2d ave.	Doorman	mo., 60 00
Felix Fox	92 Gordon st., Stapleton	Doorman	mo., 60 00
Matthew J. Garry	344 E. 29th st., Manhattan	Doorman	mo., 60 00
John E. Graham	438 W. 49th st., Manhattan	Doorman	mo., 60 00
John J. Halley	734 3d ave.	Doorman	mo., 60 00
James Henry	502½ W. 20th st., Manhattan	Doorman	mo., 60 00
George Honecker	965 DeKalb ave., Brooklyn	Doorman	mo., 60 00
James B. Julian	229 E. 40th st.	Doorman	mo., 60 00
Daniel L. Kelly	181 High st., Brooklyn	Doorman	mo., 60 00
James A. Kelly	Flushing, L. I.	Doorman	mo., 60 00
Thomas F. Kennedy	485 3d ave., Brooklyn	Doorman	mo., 60 00
Thomas J. Killmet	35 Christopher st.	Doorman	mo., 60 00
Thomas H. Magee	144 E. 32d st.	Doorman	mo., 60 00
Francis D. Maher	427 E. 69th st., Manhattan	Doorman	mo., 60 00
Thomas F. Nolan	160 Hoyt st., Brooklyn	Doorman	mo., 60 00
John T. O'Hara	247 Adams st., Brooklyn	Doorman	mo., 60 00
Thomas J. O'Rourke	160 Wolcott st., Brooklyn	Doorman	mo., 60 00
John Persich	559 W. 42d st., Manhattan	Doorman	mo., 60 00
John Pryor	326 E. 25th st.	Doorman	mo., 60 00
James Riechel	Stapleton, S. I.	Doorman	mo., 60 00
Vincent J. Smith	102 E. 121st st.	Doorman	mo., 60 00
John Walsh	549 W. 48th st.	Doorman	mo., 60 00
Duncan White	73 Jackson st., Manhattan	Doorman	mo., 60 00
Alexander M. Goge	926 Madison ave.	Draughtsman	1,800 00
Robert M. Kid	Arrochar, S. I.	Draughtsman	2,100 00
Hugh F. McLaughlin	153 W. 97th st.	Architectural Draughtsman	1,600 00
Emil A. Nordstrom	517 W. 160th st.	Mechanical Sanitary Draughtsman	1,600 00
John P. Clarke	723 Union ave., Bronx	Draughtsman (Topographical)	1,800 00
Joseph Gaffney	147 E. 97th st.	Draughtsman (Topographical)	1,350 00
Samuel Geduld	227 E. 5th st.	Draughtsman (Topographical)	1,600 00
Edmund D. Johnstone	Castleton Corners, S. I.	Draughtsman (Topographical)	1,200 00
John W. Grolz	4 W. 104th st.	Draughtsman (Topographical)	1,600 00
Louis Koenig	784 Macon st., Brooklyn	Draughtsman (Topographical)	1,600 00
Abraham Laredo	218 W. 141st st.	Draughtsman (Topographical)	1,600 00
Alfred R. Lowrey	1005 E. 181st st. & Boston rd.	Draughtsman (Topographical)	1,800 00
Joseph A. Meehan	201 E. 68th st.	Draughtsman (Topographical)	1,600 00
Herman A. Ruge	8 E. 85th st.	Draughtsman (Topographical)	1,800 00
Romeo T. Betts	191 Halsey st., Brooklyn	Assistant Engineer	4,000 00
William F. Brendlin	116 W. 109th st., Manhattan	Assistant Engineer	2,100 00
John J. Brice	165 E. 80th st., Manhattan	Assistant Engineer	1,500 00
Elias Cahn	11 E. 98th st., Manhattan	Assistant Engineer	1,800 00
Hiram C. Calkins	53 Horatio st., Manhattan	Assistant Engineer	3,000 00
William H. Cherry	1049 Park ave., Manhattan	Assistant Engineer	2,400 00
Frederick R. W. Cleverdon	2207 Andrews ave., The Bronx	Assistant Engineer	2,400 00
William C. Crosby	417 W. 120th st., Manhattan	Assistant Engineer	2,100 00
William J. Crowley	410 E. 142d st.	Assistant Engineer	2,400 00
William T. Doran	498 W. 159th st.	Assistant Engineer	1,800 00
John A. Duntze	7 W. 108th st., Manhattan	Assistant Engineer	3,000 00
John J. Finn	508 W. 50th st., Manhattan	Assistant Engineer	2,100 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Philip Guise.....	257 Flatbush ave., Brooklyn.....	Assistant Engineer.....	\$2,700 00
Charles H. Hall.....	325 Decatur st., Brooklyn.....	Assistant Engineer.....	2,100 00
Edward P. Herrmann.....	58 E. 124th st.....	Assistant Engineer.....	2,100 00
Henry Irving.....	443 W. 151st st., Manhattan.....	Assistant Engineer.....	2,100 00
William G. Johnson.....	599 MacDonough st., Brooklyn.....	Assistant Engineer.....	2,400 00
Traugott F. Keller.....	1561 E. 12th st., Brooklyn.....	Assistant Engineer.....	2,400 00
William Lansing, Jr.....	311 W. 97th st., Manhattan.....	Assistant Engineer.....	4,000 00
Melchior Lenke.....	19 E. 98th st., Manhattan.....	Assistant Engineer.....	2,400 00
Herman A. Martens.....	522 W. 156th st., Manhattan.....	Assistant Engineer.....	2,100 00
Stephen E. Meagher.....	642 W. 138th st., Manhattan.....	Assistant Engineer.....	2,100 00
Samuel A. Moore.....	11 Wadsworth ave., Manhattan.....	Assistant Engineer.....	2,400 00
John P. Nordstrom.....	547 W. 147th st., Manhattan.....	Assistant Engineer.....	2,100 00
Francis J. T. O'Keefe.....	200 E. 69th st., Manhattan.....	Assistant Engineer.....	2,400 00
Joel J. Pemoff.....	1385 Stebbins ave., The Bronx.....	Assistant Engineer.....	4,000 00
Max Raymond.....	7 E. 98th st., Manhattan.....	Assistant Engineer.....	2,400 00
Isaac J. Stander.....	1130 Union ave., The Bronx.....	Assistant Engineer.....	3,000 00
John M. Stewart.....	109 W. 48th st., Manhattan.....	Assistant Engineer.....	4,000 00
Charles E. Trout.....	93 Waters ave., West New Brighton.....	Assistant Engineer.....	4,000 00
Abraham D. Wegman.....	514 W. 176th st., Manhattan.....	Assistant Engineer.....	2,100 00
Robert A. Wimmer.....	1072 Park ave., Manhattan.....	Assistant Engineer.....	2,700 00
Charles B. Wintersteen.....	115 E. 76th st., Manhattan.....	Assistant Engineer.....	1,800 00
Charles N. Boylan.....	72 Corson pl., Stapleton, S. I.....	Chief Marine Engineer.....	1,800 00
Morgan M. Brown.....	268 Targee st., Stapleton, S. I.....	Chief Marine Engineer.....	1,800 00
William D. Bush.....	78 Central ave., Mariners' Harbor.....	Chief Marine Engineer.....	1,800 00
Emmett G. Charlton.....	536 Wales ave., The Bronx.....	Chief Marine Engineer.....	1,800 00
George Claffy.....	26 Montgomery ave., Tompkinsville.....	Chief Marine Engineer.....	1,800 00
Edgar W. Ellis.....	42 Lockman ave., Mariner's Harbor.....	Chief Marine Engineer.....	1,800 00
James Gallagher.....	503 Vanderbilt ave., Stapleton, S. I.....	Chief Marine Engineer.....	1,800 00
Clifford S. Hawkins.....	139 Bay Ridge ave., Brooklyn.....	Chief Marine Engineer.....	1,800 00
John A. Howard.....	30 Nicholas st., St. George, S. I.....	Chief Marine Engineer.....	1,800 00
Archibald Jeffrey.....	657 54th st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Bernard J. Jennings.....	114 Crescent ave., New Brighton, S. I.....	Chief Marine Engineer.....	1,800 00
William J. Johnston.....	4721 6th ave., Brooklyn.....	Chief Marine Engineer.....	1,800 00
James J. Landers.....	772 Hancock st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
William Lewis.....	424 W. 163d st., Manhattan.....	Chief Marine Engineer.....	1,800 00
Thomas McCall.....	38 Sheridan ave., Gramere.....	Chief Marine Engineer.....	1,800 00
Edward McMahon.....	38 Bush ave., Mariner's Harbor.....	Chief Marine Engineer.....	1,800 00
Joseph Mason.....	1066 Hancock st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
John L. Moran.....	769 Post ave., West Brighton.....	Chief Marine Engineer.....	1,800 00
Lawrence F. Oliver.....	1 W. 131st st., Manhattan.....	Chief Marine Engineer.....	1,800 00
John O'Neil.....	32 Irving pl., Stapleton.....	Chief Marine Engineer.....	1,800 00
Philip J. O'Reilly.....	206 Rutledge st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Richard N. Pickering.....	1180 E. 76th st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Charles M. Prior.....	51 Hyatt st., New Brighton.....	Chief Marine Engineer.....	1,800 00
John C. Reid.....	682 E. 2d st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
John R. Safford.....	220 Richmond Turnpike, Tompkinsville.....	Chief Marine Engineer.....	1,800 00
James Smith.....	639 53d st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Clement A. Somner.....	4614 11th ave., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Christopher W. Sorensen.....	240 4th ave., New Brighton.....	Chief Marine Engineer.....	1,800 00
Francis J. Steele.....	66 2d ave., New Brighton.....	Chief Marine Engineer.....	1,800 00
Theodore S. F. Stolting.....	182 Coffey st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Ingvald Tønning.....	1126 42d st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Wilford S. Van Aken.....	130 Dyckman st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
James Watt.....	654 54th st., Brooklyn.....	Chief Marine Engineer.....	1,800 00
Jonathan A. Wilson.....	Bay st., Rosebank.....	Chief Marine Engineer.....	1,800 00
Lawrence J. Halloran.....	323 E. 23d st., Manhattan.....	Engineman (Locomobile).....	1,500 00
Joseph J. Madden.....	449 W. 28th st., Manhattan.....	Engineman (Locomobile).....	1,500 00
Frank J. Maher.....	30 Greenwich st., Manhattan.....	Engineman (Locomobile).....	1,500 00
Patrick J. O'Brien.....	364 W. 51st st., Manhattan.....	Engineman (Locomobile).....	1,500 00
James J. Ryder.....	131 Leroy st., Manhattan.....	Engineman (Locomobile).....	1,500 00
Michael Sheehan.....	124 Bridge st., Brooklyn.....	Engineman (Locomobile).....	1,500 00
Albert T. Wagner.....	322 W. 117th st., Manhattan.....	Engineman (Locomobile).....	1,500 00
John M. Andrew.....	678 60th st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Richard W. C. Aiken.....	327 42d st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Edward Baker.....	1747 44th st.....	Engineer (Marine).....	mo., 137 50
Michael C. Banning.....	199 York ave., New Brighton, S. I.....	Engineer (Marine).....	mo., 137 50
Michael Boylan.....	1132 New York ave., Rosebank, S. I.....	Engineer (Marine).....	mo., 137 50
Albert J. Campbell.....	191 Court st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
George G. Carroll.....	535 Dean st., Brooklyn.....	Engineer (Marine).....	mo., 125 00
Peter Cassidy.....	100 W. 99th st.....	Engineer (Marine).....	mo., 125 00
William F. Cronin.....	Rosebank, Staten Island.....	Engineer (Marine).....	mo., 137 50
John Davis.....	226 Monroe st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Wm. P. Delaney.....	240 Nassau ave., Brooklyn.....	Engineer (Marine).....	mo., 137 50
John R. Fairbanks.....	18 Lincoln pl., Brooklyn.....	Engineer (Marine).....	mo., 137 50



NAME	RESIDENCE	POSITION	SALARY OR WAGES
Patrick Gray.....	439 44th st., Brooklyn.....	Engineer (Marine).....	mo., \$137 50
George E. Hutchinson...	265 Carroll st., Brooklyn.....	Engineer (Marine).....	mo., 125 00
Frederick M. Jennings...	Port Richmond, S. I.....	Engineer (Marine).....	mo., 137 50
William E. Jeroleman...	1172 Madison st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
William Kern.....	814 6th st., Manhattan.....	Engineer (Marine).....	mo., 125 00
James Kerrigan.....	322 1st ave., Manhattan.....	Engineer (Marine).....	mo., 125 00
Walter C. Lawrie.....	344 8th st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Edgar C. Layman.....	594 Bedford ave., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Patrick McCabe.....	428 62d st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
William G. Lipsey.....	214 55th st., Brooklyn.....	Engineer (Marine).....	1,650 00
Robert McClintock.....	508 W. 148th st., Manhattan.....	Engineer (Marine).....	mo., 125 00
John F. McCoy.....	183 India st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Vincent Marsh.....	170 W. 123d st.....	Engineer (Marine).....	mo., 137 50
William P. Mellen.....	125 Moffat st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
John W. Miles.....	224 E. 80th st.....	Engineer (Marine).....	1,650 00
James P. Monahan.....	11 ave., bet. 67th and 68th sts., Bklyn	Engineer (Marine).....	mo., 137 50
Patrick J. Monahan.....	New Brighton, S. I.....	Engineer (Marine).....	mo., 137 50
Edward M. Pindar.....	367 45th st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
John D. Powell.....	456 54th st., Brooklyn.....	Engineer (Marine).....	mo., 137 50
James H. Roche.....	165 E. 8th st., Brooklyn.....	Engineer (Marine).....	1,650 00
Robert Thompson.....	26 Osgood ave., Stapleton.....	Engineer (Marine).....	mo., 137 50
James O. Thomson.....	Mariner's Harbor.....	Engineer (Marine).....	1,650 00
James H. Wallace.....	30 South ave., Mariners' Harbor, S. I.	Engineer (Marine).....	mo., 137 50
Edward P. Watson.....	104 Grant ave., Brooklyn.....	Engineer (Marine).....	mo., 137 50
Arris Williams.....	Woodhaven, L. I.....	Engineer (Marine).....	mo., 137 50
Joseph Ziegler.....	1 S. 13th st., College Point.....	Engineer (Marine).....	1,650 00
Israel Benjamins.....	122 Lewis st., Manhattan.....	Mechanical Engineer.....	1,800 00
Nicholas C. Cushing.....	127 E. 72d st., Manhattan.....	Mechanical Engineer.....	2,400 00
John J. Herrick.....	242 Amity st., Flushing.....	Mechanical Engineer.....	4,000 00
Andrew J. Hudson.....	171 W. 100th st.....	Mechanical Engineer.....	2,700 00
George Krug, Sr.....	464 E. 141st st., Bronx.....	Mechanical Engineer.....	2,400 00
Albert J. Mickley.....	361 W. 27th st., Manhattan.....	Mechanical Engineer.....	4,000 00
Michael Noonan.....	346 E. 24th st., Manhattan.....	Engineer (Naphtha Launch).....	1,500 00
James J. Barther.....	451 W. 56th st.....	Engineer (Pile Driver).....	hour, 56½
Herbert E. Bloomfield.....	134 Edgecombe ave.....	Engineer (Pile Driver).....	hour, 56½
Daniel J. Brennan.....	357 88th st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
William J. Brennan.....	210 Union st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
Nicholas Brickfield.....	192 Richmond st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
Thomas F. Burns.....	302 E. 154th st.....	Engineer (Pile Driver).....	hour, 56½
John Canavan.....	392 E. 10th st.....	Engineer (Pile Driver).....	hour, 56½
Thomas Dempsey.....	345 E. 30th st.....	Engineer (Pile Driver).....	hour, 56½
Michael F. Fleming.....	418 W. 57th st., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
John R. Grant, Jr.....	426 W. 125th st.....	Engineer (Pile Driver).....	hour, 56½
John Haggerty.....	22 Oakland st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
William T. Hall.....	310 W. 148th st.....	Engineer (Pile Driver).....	hour, 56½
John J. Halladay.....	280 E. 5th st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
James Harris.....	113 E. 102d st.....	Engineer (Pile Driver).....	hour, 56½
John A. Hurley.....	160 Douglas st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
George F. Lange.....	306 E. 86th st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
Robert C. Loper.....	Glenwood ave., Stapleton.....	Engineer (Pile Driver).....	hour, 56½
Joseph J. McCarthy.....	530 W. 178th st.....	Engineer (Pile Driver).....	hour, 56½
Robert McClintock.....	514 W. 148th st.....	Engineer (Pile Driver).....	hour, 56½
Isaac B. Maslen.....	158 So. 4th st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
William Matthews.....	115 3d pl., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
Alfred J. Mayer.....	160 W. 144th st., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
James C. Mellen.....	1054 E. 94th st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
Francis A. Moore.....	1441 3d ave., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
Thomas F. Mullarney.....	300 W. 151st st., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
Edward J. Quinn.....	1219 Taylor ave., The Bronx.....	Engineer (Pile Driver).....	hour, 56½
James D. Reid.....	272 W. 117th st., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
Patrick Rohan.....	273 W. 117th st., Manhattan.....	Engineer (Pile Driver).....	hour, 56½
James Smith.....	Stapleton, S. I.....	Engineer (Pile Driver).....	hour, 56½
Zephemiah C. Smith.....	729 Prospect ave., The Bronx.....	Engineer (Pile Driver).....	hour, 56½
John Walsh.....	924 Pacific st., Brooklyn.....	Engineer (Pile Driver).....	hour, 56½
John B. Bradshaw.....	8801 5th ave., Brooklyn.....	Engineer (Stationary).....	hour, 56½
Thomas F. Burke.....	736 St. Anns ave., The Bronx.....	Engineer (Stationary).....	hour, 56½
John Connell.....	18 Lincoln pl., Brooklyn.....	Engineer (Stationary).....	hour, 56½
Frank C. Donigan.....	1311 Bristow st., The Bronx.....	Engineer (Stationary).....	hour, 56½
Fritz D. Feldman.....	9 Beechwood st., Richmond.....	Engineer (Stationary).....	hour, 56½
Charles H. Hall.....	New Brighton.....	Engineer (Stationary).....	hour, 56½
James J. Hand.....	360 W. 127th st., Manhattan.....	Engineer (Stationary).....	hour, 56½
Ephraim Hoag.....	736 E. 156th st., The Bronx.....	Engineer (Stationary).....	hour, 56½
Joseph Hyland.....	615 E. 141st st., The Bronx.....	Engineer (Stationary).....	hour, 56½
Thomas Jennings.....	473 St. Anns ave., The Bronx.....	Engineer (Stationary).....	hour, 56½
William E. Kane.....	71 Lexington ave., Manhattan.....	Engineer (Stationary).....	hour, 56½



NAME	RESIDENCE	POSITION	SALARY OR WAGES
William J. Kessler.....	710 President st., Brooklyn.....	Engineer (Stationary).....	mo., \$125 00 7
Charles Lawson.....	6714 12th ave., Brooklyn.....	Engineer (Stationary).....	hour, 56 1/2
Thomas Leahy.....	63 Prospect pl., Manhattan.....	Engineer (Stationary).....	hour, 56 1/2
Ernest A. Lindgren.....	692 Alden pl., The Bronx.....	Engineer (Stationary).....	hour, 56 1/2
George Loozer.....	1248 Washington ave., The Bronx.....	Engineer (Stationary).....	hour, 56 1/2
Frank A. Magee.....	16 Fisk ave., Winfield, Queens.....	Engineer (Stationary).....	hour, 56 1/2
John Magee.....	New Brighton.....	Engineer (Stationary).....	hour, 56 1/2
Joseph Moran.....	515 W. 172d st., Manhattan.....	Engineer (Stationary).....	hour, 56 1/2
Thomas Mulvey.....	1200 Madison ave., Manhattan.....	Engineer (Stationary).....	hour, 56 1/2
Peter J. Murphy.....	814 E. 166th st.....	Engineer (Stationary).....	hour, 56 1/2
George E. Oates.....	131 Locust st., Flushing.....	Engineer (Stationary).....	hour, 56 1/2
Hugh J. O'Donnell.....	253 W. 21st st., Manhattan.....	Engineer (Stationary).....	hour, 56 1/2
Frank W. Pearsall.....	Jamaica, L. I.....	Engineer (Stationary).....	hour, 56 1/2
Robert Stackpole.....	463 W. 43d st., Manhattan.....	Engineer (Stationary).....	hour, 56 1/2
John J. Winters.....	55 Doscher st., Brooklyn.....	Engineer (Stationary).....	hour, 56 1/2
Patrick Kelly.....	177 W. 102d st., Manhattan.....	Engineer (Tug).....	1,800 00
Robert Kyles.....	402 W. 58th st., Manhattan.....	Engineer (Tug).....	1,800 00
John C. Wood.....	549 W. 51st st., Manhattan.....	Engineer (Tug).....	1,800 00
Joseph Byrne.....	53 Coffey st., Brooklyn.....	General Foreman.....	1,500 00
Frank Coughlin.....	883 Tenth ave.....	General Foreman.....	1,800 00
Joseph C. Fitzgerald.....	1507 First ave.....	General Foreman.....	1,800 00
John Heaney.....	335 Second ave.....	General Foreman.....	1,800 00
Christopher McCann.....	315 E. 80th st.....	General Foreman.....	1,800 00
Thomas McGivney.....	340 E. 17th st.....	General Foreman.....	1,800 00
Charles McLean.....	219 W. 67th st.....	General Foreman.....	1,800 00
Robert H. Malone.....	306 W. 114th st.....	General Foreman.....	1,800 00
Robert M. Sterritt.....	3632 Olinville ave., The Bronx.....	Foreman of Yard.....	1,800 00
William J. Bennett.....	265 W. 130th st.....	Foreman Blacksmith.....	hour, 62 1/2
John Ronan.....	423 E. 83d st.....	Foreman Blacksmith.....	hour, 62 1/2
James Harrigan.....	516 W. 51st st.....	Foreman Carpenter.....	1,800 00
Peter J. Kearney.....	303 E. 21st st.....	Foreman Carpenter.....	1,800 00
Thomas Roberts.....	2425 Jerome ave., The Bronx.....	Foreman Carpenter.....	1,800 00
Thomas Clark.....	73 W. 99th st.....	Foreman Dock Builder.....	hour, 56 1/2
George Darby.....	500 W. 49th st.....	Foreman Dock Builder.....	hour, 56 1/2
Daniel Darby.....	729 10th ave.....	Foreman Dock Builder.....	hour, 56 1/2
James Denney.....	544 E. 117th st.....	Foreman Dock Builder.....	hour, 56 1/2
Joseph H. Gallagher.....	316 E. 119th st.....	Foreman Dock Builder.....	hour, 56 1/2
Patrick Geoghegan.....	326 E. 24th st.....	Foreman Dock Builder.....	hour, 56 1/2
John J. Heany.....	Astoria, L. I.....	Foreman Dock Builder.....	hour, 56 1/2
Nathaniel T. Jenks.....	53 Horatio st.....	Foreman Dock Builder.....	hour, 56 1/2
Herman Landwehr.....	323 E. 92d st.....	Foreman Dock Builder.....	hour, 56 1/2
Richard T. McCann.....	21 8th ave., Manhattan.....	Foreman Dock Builder.....	hour, 56 1/2
Daniel T. McLellan.....	489 E. 142d st., The Bronx.....	Foreman Dock Builder.....	hour, 56 1/2
Henry McShane.....	971 Rogers pl., The Bronx.....	Foreman Dock Builder.....	hour, 56 1/2
Martin Miller.....	544 E. 117th st.....	Foreman Dock Builder.....	hour, 56 1/2
William W. Munson.....	320 E. 126th st.....	Foreman Dock Builder.....	hour, 56 1/2
Patrick H. Murray.....	Care Silver Lake Hotel, South Beach, S. I.....	Foreman Dock Builder.....	hour, 56 1/2
Frederick W. Roth.....	730 9th ave.....	Foreman Dock Builder.....	hour, 56 1/2
Oscar Tompkins.....	232 W. 122d st.....	Foreman Dock Builder.....	hour, 56 1/2
William H. Ward.....	69 W. 132d st.....	Foreman Dock Builder.....	hour, 56 1/2
Patrick White.....	304 E. 37th st.....	Foreman Dock Builder.....	hour, 56 1/2
Tony Aliano.....	23 Cleveland pl., Manhattan.....	Foreman of Dock Laborers.....	hour, 50
Gustavus Austin.....	329 Cherry st.....	Foreman of Dock Laborers.....	hour, 50
Max Boehm.....	1819 Madison ave.....	Foreman of Dock Laborers.....	hour, 50
Victor B. Brady.....	298 E. Broadway.....	Foreman of Dock Laborers.....	hour, 50
Henry F. Brantigan.....	307 E. 77th st.....	Foreman of Dock Laborers.....	hour, 50
John J. Carroll.....	228 E. 118th st.....	Foreman of Dock Laborers.....	hour, 50
Daniel Carver.....	73 Charlton st.....	Foreman of Dock Laborers.....	hour, 50
Michael Collins.....	408 E. 16th st.....	Foreman of Dock Laborers.....	hour, 50
George H. Crowe.....	124 W. 63d st.....	Foreman of Dock Laborers.....	hour, 50
Thomas Crowe.....	163 Amsterdam ave.....	Foreman of Dock Laborers.....	hour, 50
Cornelius E. Cummings.....	58 Brewer st., Tompkinsville.....	Foreman of Dock Laborers.....	hour, 50
James Dineen.....	190 So. Boulevard.....	Foreman of Dock Laborers.....	hour, 50
Thomas F. Finlay.....	228 E. 18th st.....	Foreman of Dock Laborers.....	hour, 50
Matthew Foley.....	226 E. 122d st.....	Foreman of Dock Laborers.....	hour, 50
Patrick J. Freel.....	221 Mott st.....	Foreman of Dock Laborers.....	hour, 50
August Goldner.....	568 W. 171st st.....	Foreman of Dock Laborers.....	1,800 00
William J. Graham.....	295 Ely ave., L. I. C.....	Foreman of Dock Laborers.....	hour, 50
James Griffin.....	2290 Aqueduct ave.....	Foreman of Dock Laborers.....	hour, 50
Patrick Halloran.....	247 W. 16th st.....	Foreman of Dock Laborers.....	hour, 50
Martin F. Hayes.....	547 W. 48th st.....	Foreman of Dock Laborers.....	1,500 00
Patrick Heagney.....	442 W. 25th st.....	Foreman of Dock Laborers.....	1,500 00
Eugene S. Kass.....	113 W. 138th st.....	Foreman of Dock Laborers.....	hour, 50
John J. Keefe.....	208 W. 114th st.....	Foreman of Dock Laborers.....	1,800 00



NAME	RESIDENCE	POSITION	SALARY OR WAGES
James H. King	341 Rivington st.	Foreman of Dock Laborers	hour, \$0 50
Joseph Lallement	423 Amsterdam ave.	Foreman of Dock Laborers	hour, 50
Joseph Levy	449 Bushwick ave., Brooklyn	Foreman of Dock Laborers	hour, 50
Isaac T. Little	56 Vanderveer st., Brooklyn	Foreman of Dock Laborers	hour, 50
Joseph McCaffrey	Stapleton, S. I.	Foreman of Dock Laborers	hour, 50
Patrick McCann	164 W. 35th st.	Foreman of Dock Laborers	hour, 50
Charles T. McCauley	1337 Park pl., Brooklyn	Foreman of Dock Laborers	hour, 50
Daniel McPeak	475 Canal st.	Foreman of Dock Laborers	hour, 50
Arthur J. McQuade, Jr.	517 E. 174th st.	Foreman of Dock Laborers	hour, 50
John McSorley	462 W. 34th st.	Foreman of Dock Laborers	hour, 50
James Mulholland	77 So. 2d st., Brooklyn	Foreman of Dock Laborers	hour, 50
Henry A. Murphy	510 E. 16th st.	Foreman of Dock Laborers	hour, 50
Michael J. Murphy	307 W. 14th st.	Foreman of Dock Laborers	hour, 50
James Murray	2014 3d ave.	Foreman of Dock Laborers	hour, 50
William Nutley	414 E. 77th st.	Foreman of Dock Laborers	hour, 50
James T. Redican	500 W. 172d st.	Foreman of Dock Laborers	hour, 50
Michael Reilly	64 Morton st.	Foreman of Dock Laborers	1,500 00
John Rooney	410 E. 139th st.	Foreman of Dock Laborers	hour, 50
Hugh Sorby	464 W. 43d st.	Foreman of Dock Laborers	hour, 50
Joseph J. Vesey	1267 1st ave.	Foreman of Dock Laborers	hour, 50
John Whalen	358 E. 134th st.	Foreman of Dock Laborers	hour, 50
John Witherington	271 William st.	Foreman of Dock Laborers	hour, 50
John G. Hungerford	170 W. 121st st.	Foreman of House Painters	hour, 62½
Bernard Bauer	1333 Bristow st., The Bronx	Foreman Machinist	hour, 62½
David Cagney	352 W. 18th st., Manhattan	Foreman Paver	hour, 62½
John T. Bartlett	249 Spring st.	Foreman Rigger	hour, 50
John H. Cassens	115 Trowbridge st., Astoria	Foreman Rigger	hour, 50
Peter Mahoney	372 E. 139th st.	Foreman Rigger	hour, 50
Michael Murray	312 W. 49th st.	Foreman Rigger	hour, 50
Joseph Devlin	1277 Hoe ave., The Bronx	Foreman Scowman	wk., 24 00
Iver Petersen	248 86th st., Brooklyn	Foreman Scowman	wk., 24 00
Thomas Reardon	144 W. 98th st.	Foreman Scowman	wk., 24 00
Patrick Barrett	103 Charles st.	Foreman Ship Carpenter	hour, 62½
Hugh Daly	373 E. 142d st.	Foreman Ship Carpenter	hour, 62½
John R. Hughes	234 Meeker ave., Brooklyn	Foreman Ship Carpenter	hour, 62½
William J. Rumphes	159 Manor rd., West Brighton	Foreman Ship Caulker	hour, 56½
Robert L. Humphries	2152 7th ave., Manhattan	Foreman Stone Cutter	hour, 62½
Henry McCerran	306 W. 146th st., Manhattan	Foreman Wireman	1,500 00
Samuel Boinstock	159 Forsyth st., Manhattan	Gateman	mo., 80 00
Frank A. Cassidy	366 W. 31st st., Manhattan	Gateman	mo., 80 00
Leon J. Costello	425 3d st., Brooklyn	Gateman	mo., 80 00
David J. Doodly	Elm Park, Richmond	Gateman	mo., 60 00
William C. Edwards	Port Richmond, S. I.	Gateman	mo., 80 00
Matthew A. Forrest	100 Madison st., Manhattan	Gateman	mo., 80 00
Gustav Glaser	Richmond Hill, Queens	Gateman	mo., 80 00
Clarence H. Graves	328 Rivington st., Manhattan	Gateman	mo., 80 00
Charles T. Gysin	222 W. 67th st., Manhattan	Gateman	mo., 80 00
Samuel Isancs	13 Eldridge st., Manhattan	Gateman	mo., 80 00
Joseph F. X. Kenchan	241 W. 12th st., Manhattan	Gateman	mo., 80 00
George W. Kimball	Port Richmond, Richmond	Gateman	mo., 80 00
James A. Lahay	455 5th st., Brooklyn	Gateman	mo., 80 00
Joseph W. McMurran	200 W. 41st st., Manhattan	Gateman	mo., 80 00
Charles B. Magan	1050 Fox st., The Bronx	Gateman	mo., 80 00
Mersereau D. Miner	Mariners Harbor, Richmond	Gateman	mo., 80 00
Timothy A. O'Brien	501 E. 183d st., The Bronx	Gateman	mo., 80 00
John O'Dea	250 54th st., Brooklyn	Gateman	mo., 80 00
George W. F. Randolph	Mariners Harbor, Richmond	Gateman	mo., 80 00
James F. Riley	401 W. 26th st., Manhattan	Gateman	mo., 80 00
Ambrose A. Sweeney	1107 8th ave., Brooklyn	Gateman	mo., 80 00
Morris Schwartz	318 E. 3d st., Manhattan	Gateman	mo., 80 00
William J. Tod	144 3d st., New Brighton	Gateman	mo., 80 00
Samuel W. Van Nostrand	Mariners Harbor, Richmond	Gateman	mo., 80 00
Terence Brady	309 E. 17th st., Manhattan	Housesmith	hour, 60
John E. Reilly	387 1st ave., Manhattan	Housesmith	hour, 60
Patrick F. Crowley	267 Putnam ave., Brooklyn	Hydrographer	1,800 00
John T. L. Doughty	246 W. 129th st., Manhattan	Hydrographer	1,800 00
Charles W. Thompson	1248 Havemeyer ave., Unionport, Bx.	Hydrographer	1,800 00
George W. Carpenter	Astoria, L. I.	Inspector of Dredging	1,500 00
Daniel J. Donohue	425 Park ave., Manhattan	Inspector of Dredging	1,200 00
Charles Halter	243 E. 123d st.	Inspector of Dredging	1,200 00
Edward S. Keen	1911 Anthony ave., Bronx	Inspector of Dredging	1,200 00
John G. Kennedy	1992 3d ave.	Inspector of Dredging	1,200 00
Thomas P. McDonough	293 Wythe ave., Brooklyn	Inspector of Dredging	1,500 00
Jacob Miller	77 Jackson st., S. I.	Inspector of Dredging	1,500 00
Wm. Mulholland	156 E. 48th st.	Inspector of Dredging	1,200 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Edward J. Murphy.....	34 Morton st., Manhattan.....	Inspector of Dredging.....	\$1,500 00
George Murphy.....	2240 Ellis ave., The Bronx.....	Inspector of Dredging.....	1,200 00
Thomas H. Spooner.....	355 Crimmins ave.....	Inspector of Dredging.....	1,500 00
Peter Shaw.....	245 S. 3d st., Brooklyn.....	Inspector of Dredging.....	1,200 00
John Winters.....	544 W. 47th st.....	Inspector of Dredging.....	1,500 00
Lawrence F. Boves.....	45 W. 125th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Francis J. Clark.....	258 W. 10th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Joseph De Temple.....	611 E. 83d st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Bernard Farley.....	507 W. 47th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
John E. Fox.....	302 W. 149th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Nicholas Kaufman.....	970 Myrtle ave., Brooklyn.....	Inspector of Pier Building.....	hour, 62½
John Kelly.....	397 14th st., Brooklyn.....	Inspector of Pier Building.....	hour, 62½
James Knox.....	Ft. Schuyler rd., Westchester, Bronx.....	Inspector of Pier Building.....	hour, 62½
Eli F. MacGowan.....	870 Sterling pl., Brooklyn.....	Inspector of Pier Building.....	hour, 62½
Maurice O'Connell.....	515 3d ave., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Cornelius Ryan.....	815 Amsterdam ave., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Stephen H. Sullivan.....	64 Pike st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
John F. Trenly.....	520 W. 175th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
William White.....	18 Grove st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
Willis M. Wilbur.....	41 W. 126th st., Manhattan.....	Inspector of Pier Building.....	hour, 62½
William C. Beneke.....	420 E. 17th st.....	Inspector of Regulating, Grading and Paving.....	1,500 00
Joseph P. Farley.....	304 E. 81st st.....	Inspector of Regulating, Grading and Paving.....	1,500 00
Louis J. Morse.....	1139 44th st., Brooklyn.....	Inspector of Regulating, Grading and Paving.....	1,500 00
William G. Quigg.....	739 E. 11th st., Manhattan.....	Letterer.....	hour, 50
Phineas A. Rice.....	579 Hudson st., Manhattan.....	Letterer.....	hour, 50
Anthony E. Hoffman.....	120 E. 92d st., Manhattan.....	Leveler.....	1,350 00
Henry A. Howland.....	515 W. 145th st., Manhattan.....	Leveler.....	1,350 00
William H. Reilly.....	324 E. 84th st., Manhattan.....	Leveler.....	1,350 00
John T. Walsh.....	770 Washington st., Manhattan.....	Leveler.....	1,350 00
Louis Wenzel.....	433 W. 57th st., Manhattan.....	Leveler.....	1,350 00
Edward J. White.....	294 Sumpter st., Brooklyn.....	Leveler.....	1,350 00
George F. Pollard.....	416 E. 65th st.....	Lumber Inspector.....	hour, 62½
John F. Gately, Jr.....	549 73d st., Brooklyn.....	Lumber Inspector.....	hour, 62½
James Allen.....	E. 201st st., Bedford Park.....	Machinist.....	hour, 56½
Leo. A. Belfi.....	707 E. 183d st., The Bronx.....	Machinist.....	hour, 56½
Charles G. Berglund.....	565 57th st., Brooklyn.....	Machinist.....	hour, 56½
James T. Brown.....	1802 Westchester ave., The Bronx.....	Machinist.....	hour, 56½
Charles J. Butler.....	312 Willis ave., The Bronx.....	Machinist.....	hour, 56½
Frederick J. Carr.....	313 E. 125th st.....	Machinist.....	hour, 56½
Thomas F. Cooke.....	74 Beach st.....	Machinist.....	hour, 56½
John J. Cronin.....	785 Amsterdam ave.....	Machinist.....	hour, 56½
Victor DeMartini.....	22 King st.....	Machinist.....	hour, 56½
William Cox.....	346 45th st., Brooklyn.....	Machinist.....	hour, 56½
Edmond D. Doyle.....	302 W. 112th st.....	Machinist.....	hour, 56½
John K. Fennelly.....	36 Lee ave., Brooklyn.....	Machinist.....	hour, 56½
John J. Flynn.....	224 W. 149th st.....	Machinist.....	hour, 56½
Charles P. Hanson.....	235 Sackett st., Brooklyn.....	Machinist.....	hour, 56½
Frederick J. Holland.....	114 Perry st.....	Machinist.....	hour, 56½
Henry H. Kuhn.....	12 Cooper st., Brooklyn.....	Machinist.....	hour, 56½
Frank J. Lauter.....	304 St. Ann's ave., The Bronx.....	Machinist.....	hour, 56½
Thomas J. Madigan.....	69 W. 104th st.....	Machinist.....	hour, 56½
George Marangelo.....	122 E. 10th st.....	Machinist.....	hour, 56½
Francis J. Nugent.....	161 Fulton ave., Astoria.....	Machinist.....	hour, 56½
Bartholomew J. Patterson.....	360 Union st., Brooklyn.....	Machinist.....	hour, 56½
Lee M. Smallwood.....	428 45th st., Brooklyn.....	Machinist.....	hour, 56½
Fritz L. Stenstrom.....	433 62d st., Brooklyn.....	Machinist.....	hour, 56½
Frank B. Walsh.....	300 E. 20th st.....	Machinist.....	hour, 56½
Bert A. Westa.....	76 3d pl., Brooklyn.....	Machinist.....	hour, 56½
Frank Byrnes.....	315 E. 23d st.....	Machinist's Helper.....	hour, 37½
Harry E. Carr.....	180 E. 113th st.....	Machinist's Helper.....	hour, 37½
Thomas Casey, Jr.....	New Brighton, S. I.....	Machinist's Helper.....	hour, 37½
John F. Chambers.....	420 E. 78th st.....	Machinist's Helper.....	hour, 37½
Patrick Conway.....	411 W. 48th st.....	Machinist's Helper.....	hour, 37½
Peter N. Farrell.....	36 Catharine st.....	Machinist's Helper.....	hour, 37½
James Devlin.....	158 E. 102d st.....	Machinist's Helper.....	hour, 37½
Patrick Donovan.....	261 Monroe st.....	Machinist's Helper.....	hour, 37½
Patrick Dunn.....	462 W. 131st st.....	Machinist's Helper.....	hour, 37½
Patrick H. Dwyer.....	41 Atlantic ave., Brooklyn.....	Machinist's Helper.....	hour, 37½
Ambrose T. Shea.....	338 E. 81st st.....	Machinist's Helper.....	hour, 37½
Dennis Sheehan.....	446 W. 33d st.....	Machinist's Helper.....	hour, 37½
Andrew Smith.....	623 E. 16th st.....	Machinist's Helper.....	hour, 37½
David Halpin.....	227 E. 82d st.....	Machinist's Helper.....	hour, 37½

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John Hanifin.....	233 E. 5th st.....	Machinist's Helper.....	hour, \$0 37½
Frank Heckman.....	185 E. 93d st.....	Machinist's Helper.....	hour, 37½
Thomas E. Hughes.....	416 W. 51st st.....	Machinist's Helper.....	hour, 37½
Thomas J. King.....	557 W. 52d st.....	Machinist's Helper.....	hour, 37½
Wm. J. McPherson.....	272 W. 117th st.....	Machinist's Helper.....	hour, 37½
Thomas Mahoney.....	1273 3d ave.....	Machinist's Helper.....	hour, 37½
Michael Quinn.....	367 W. 35th st.....	Machinist's Helper.....	hour, 37½
Timothy F. McCarthy.....	2454 2d ave.....	Machinist's Helper.....	hour, 37½
Frank P. McIntyre.....	269 W. 141st st.....	Machinist's Helper.....	hour, 37½
Edwin W. Russell.....	327 Henry st., Manhattan.....	Machinist's Helper.....	hour, 37½
Samuel Wells.....	287 W. 142d st.....	Machinist's Helper.....	hour, 37½
Owen J. Williams.....	Tompkinsville, Richmond.....	Machinist's Helper.....	hour, 37½
Peter Ager.....	2697 8th ave.....	Marine Sounder.....	wk., 18 00
William T. Barnett.....	34 Morton st.....	Marine Sounder.....	wk., 18 00
James S. Barry.....	322 2d ave.....	Marine Sounder.....	wk., 18 00
Thomas F. Barry.....	1708 Amsterdam ave.....	Marine Sounder.....	wk., 18 00
James J. Bergen.....	245 Grand View ave., Mariner's Har.....	Marine Sounder.....	wk., 18 00
John F. Brady.....	422 37th st., Brooklyn.....	Marine Sounder.....	wk., 18 00
John H. Brown.....	41 Bedford st., Manhattan.....	Marine Sounder.....	wk., 18 00
J. Thomas Burke.....	1500 1st ave.....	Marine Sounder.....	wk., 18 00
Edward P. Busted.....	401 E. 156th st.....	Marine Sounder.....	wk., 18 00
Michael F. Callahan.....	504 W. 168th st.....	Marine Sounder.....	wk., 18 00
William P. Campbell.....	446 W. 56th st.....	Marine Sounder.....	wk., 18 00
Thomas Carey.....	783 Union st., Brooklyn.....	Marine Sounder.....	wk., 18 00
Edward J. Casey.....	502 W. 50th st.....	Marine Sounder.....	wk., 18 00
Michael Clark.....	126 Nostrand ave., Brooklyn.....	Marine Sounder.....	wk., 18 00
George W. Cooper.....	277 E. 10th st.....	Marine Sounder.....	wk., 18 00
Charles W. Egan.....	928 Kelly st., The Bronx.....	Marine Sounder.....	wk., 18 00
John M. Fink.....	550 9th ave.....	Marine Sounder.....	wk., 18 00
Daniel A. Flynn.....	228 W. 16th st.....	Marine Sounder.....	wk., 18 00
John Grady.....	68 Bradhurst ave.....	Marine Sounder.....	wk., 18 00
George V. Graham.....	144 W. 139th st.....	Marine Sounder.....	wk., 18 00
Thomas J. Hanrahan.....	519 W. 51st st.....	Marine Sounder.....	wk., 18 00
Harry Harris.....	106 Eldridge st.....	Marine Sounder.....	wk., 18 00
Arthur F. Hawes.....	2114 Madison ave.....	Marine Sounder.....	wk., 18 00
Thomas Hoey.....	333 E. 21st st.....	Marine Sounder.....	wk., 18 00
Joseph Hogan.....	213 Lewis st.....	Marine Sounder.....	wk., 18 00
John Jackson.....	413 E. 19th st.....	Marine Sounder.....	wk., 18 00
Thomas Kean.....	1280 Shakespeare ave., The Bronx.....	Marine Sounder.....	wk., 18 00
James J. Kenny.....	870 6th ave.....	Marine Sounder.....	wk., 18 00
John T. Kiely.....	1448 Fulton st., Brooklyn.....	Marine Sounder.....	wk., 18 00
Frank Kreitler.....	613 E. 16th st.....	Marine Sounder.....	wk., 18 00
Benjamin Laks.....	358 E. 8th st.....	Marine Sounder.....	wk., 18 00
John Lawless.....	121 Leroy st., Manhattan.....	Marine Sounder.....	wk., 18 00
Henry Lehmkuhl.....	213 Lewis st.....	Marine Sounder.....	wk., 18 00
James McGarry.....	45 Catherine st.....	Marine Sounder.....	wk., 18 00
John J. McGrane.....	503 W. 52d st.....	Marine Sounder.....	wk., 18 00
Robert F. McIntyre.....	30 W. 135th st.....	Marine Sounder.....	wk., 18 00
John J. McManus.....	169 E. 83d st.....	Marine Sounder.....	wk., 18 00
Joseph Maher.....	E. 238th st and Matilda ave.....	Marine Sounder.....	wk., 18 00
Chester A. Marr.....	71 Barrow st.....	Marine Sounder.....	wk., 18 00
Joseph Meyers.....	233 E. 84th st.....	Marine Sounder.....	wk., 18 00
John J. Mullaney.....	325 W. 26th st.....	Marine Sounder.....	wk., 18 00
James D. Murray.....	86 Morton st.....	Marine Sounder.....	wk., 18 00
Francis B. O'Rourke.....	469 73d st., Brooklyn.....	Marine Sounder.....	wk., 18 00
John T. O'Rourke.....	469 73d st., Brooklyn.....	Marine Sounder.....	wk., 18 00
William Patten.....	377 E. 8th st.....	Marine Sounder.....	wk., 18 00
John Pellinger.....	921 56th st., Brooklyn.....	Marine Sounder.....	wk., 18 00
James J. Quill.....	491 W. 130th st.....	Marine Sounder.....	wk., 18 00
Daniel J. Reed.....	2575 8th ave.....	Marine Sounder.....	wk., 18 00
Harry Rose.....	226 Madison st.....	Marine Sounder.....	wk., 18 00
John Russell.....	37 Bay 17th st., Brooklyn.....	Marine Sounder.....	wk., 18 00
Frank J. Russo.....	19 Oliver st.....	Marine Sounder.....	wk., 18 00
Frank D. Ryan.....	Mariners' Harbor, S. I.....	Marine Sounder.....	wk., 18 00
Frank Ryder.....	331 Cherry st.....	Marine Sounder.....	wk., 18 00
Andrew Smith.....	621 E. 135th st.....	Marine Sounder.....	wk., 18 00
Thomas J. Sullivan.....	434 Hudson st.....	Marine Sounder.....	wk., 18 00
Thomas F. Vaughan.....	440 Hudson st.....	Marine Sounder.....	wk., 18 00
William B. Walker.....	344 W. 17th st.....	Marine Sounder.....	wk., 18 00
Vito Yulo.....	9 Hancock st., Manhattan.....	Marine Sounder.....	wk., 18 00
Joseph F. Dunn.....	304 E. 39th st., Manhattan.....	Mason.....	hour, 56½
Bernard J. Byrne.....	337 E. 21st st., Manhattan.....	Mason's Helper.....	hour, 37½
William H. Knoepfel.....	446 E. 149th st.....	Mason's Helper.....	hour, 37½
William L. Allen.....	201½ 34th st., Brooklyn.....	Mate.....	mo., 75 00
John Carr.....	14 Lafayette ave., Pt. Richmond.....	Mate.....	mo., 75 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John A. Chambers.....	455 Henry st., Brooklyn.	Mate.....	mo., \$75 00
Nicholas Delaney.....	122 Montgomery ave., New Brighton	Mate.....	mo., 75 00
James H. Dougherty.....	324 Delancey st., Manhattan.	Mate.....	mo., 75 00
John Gerrity.....	4710 3d ave., Brooklyn.	Mate.....	mo., 75 00
Henry Joseph Johnston.....	61 Montgomery ave., New Brighton.	Mate.....	mo., 75 00
Michael Keegan.....	315 56th st., Brooklyn.	Mate.....	mo., 75 00
Robert King.....	315 Grant st., Pt. Richmond.	Mate.....	mo., 75 00
Augustus H. Kruse.....	71 38th st., Brooklyn.	Mate.....	mo., 75 00
Patrick McArdle.....	380 Virginia ave., Rosebank.	Mate.....	mo., 75 00
Louis T. Moser.....	97 Laurel ave., Stapleton.	Mate.....	mo., 75 00
Peter Murphy.....	493 Canal st., Manhattan.	Mate.....	mo., 75 00
Robert J. Nelson.....	23 7th ave., New Brighton.	Mate.....	mo., 75 00
James E. Peterson.....	87 Centre ave., Stapleton.	Mate.....	mo., 75 00
William F. Ryan.....	530 Bay st., Stapleton.	Mate.....	mo., 75 00
Frank Stapleton.....	44 Van Duzer st., Stapleton.	Mate.....	mo., 75 00
William L. Van Pelt.....	4811 3d ave., Brooklyn.	Mate.....	mo., 75 00
James F. Vines.....	733 Richmond rd., Stapleton.	Mate.....	mo., 75 00
Frank E. Waterloo.....	165 Maryland ave., Rosebank.	Mate.....	mo., 75 00
John J. Bergin.....	6 Columbia st., Manhattan.	Messenger.....	1,200 00
Thomas E. Brady.....	151 W. 130th st.	Messenger.....	1,200 00
Arthur F. Bussell.....	Richmond Hills, Queens.	Messenger.....	1,200 00
Thomas C. Carroll.....	228 E. 50th st., Manhattan.	Messenger.....	1,200 00
Jeremiah Crowley.....	124 Madison st., Manhattan.	Messenger.....	1,200 00
Patrick Cunningham.....	321 E. 20th st., Manhattan.	Messenger.....	1,200 00
John T. Havanagh.....	705 Columbus ave.	Messenger.....	1,200 00
Freeman F. Huntington.....	211 W. 148th st.	Messenger.....	1,200 00
James J. Kennedy.....	304 E. 30th st., Manhattan.	Messenger.....	1,200 00
James L. O'Dea.....	320 E. 79th st., Manhattan.	Messenger.....	1,200 00
Charles A. Pertain.....	339 E. 23d st.	Messenger.....	1,200 00
James Rafferty.....	14 Commerce st., Manhattan.	Messenger.....	1,200 00
Edmund K. Stephens.....	323 E. 123d st.	Messenger.....	1,200 00
Denis Whelan.....	201 W. 76th st., Manhattan.	Messenger.....	1,200 00
James J. Banning.....	199 York ave., New Brighton.	Oiler.....	mo., 95 00
Chas. F. Bissingery.....	230 W. 131st st., Manhattan.	Oiler.....	mo., 95 00
Michael J. Bradley.....	Simonson st., Stapleton.	Oiler.....	mo., 95 00
John C. Brooks.....	520 4th ave., Brooklyn.	Oiler.....	mo., 95 00
Morgan Brown, Jr.....	576 Richmond rd., Stapleton.	Oiler.....	mo., 95 00
Michael H. Boylan.....	271 Richmond terrace, Richmond.	Oiler.....	mo., 95 00
Thomas E. Burke.....	160 India st., Brooklyn.	Oiler.....	mo., 95 00
John W. Cobb.....	743 Post ave., West Brighton, S. I.	Oiler.....	mo., 95 00
Arthur S. Cousin.....	Rosebank, S. I.	Oiler.....	mo., 95 00
Patrick F. Crowley.....	64 S. 4th st., Brooklyn.	Oiler.....	mo., 95 00
Peter A. Cunniff.....	467 6th ave., Brooklyn.	Oiler.....	mo., 95 00
Francis J. Curran.....	44 W. 66th st., Manhattan.	Oiler.....	mo., 95 00
Lewis J. Davis.....	113 Engert ave., Brooklyn.	Oiler.....	mo., 95 00
David M. Decker.....	Mariners' Harbor, S. I.	Oiler.....	mo., 95 00
Mark L. Dunn.....	15 Canal st., Stapleton, S. I.	Oiler.....	mo., 95 00
Thomas Finnen.....	139 Gordon st., Stapleton, S. I.	Oiler.....	mo., 95 00
Louis Garner.....	265 12th st., Brooklyn.	Oiler.....	mo., 95 00
John Graham.....	E. 94th st., Brooklyn.	Oiler.....	mo., 95 00
Garrett Halpin.....	405 10th ave.	Oiler.....	mo., 95 00
Joseph I. Hammond.....	1767 Southern Boulevard, The Bronx	Oiler.....	mo., 95 00
Timothy Harrington.....	23 York ave., New Brighton.	Oiler.....	mo., 95 00
Thomas F. Hennessey.....	722 Driggs ave., Brooklyn.	Oiler.....	mo., 95 00
Herman E. Hofstadt.....	237 E. 203d st., The Bronx.	Oiler.....	mo., 95 00
George E. Hubbs.....	New Brighton.	Oiler.....	mo., 95 00
Mabury Hyland.....	143 Arlington ave., Mariners' Harbor	Oiler.....	mo., 95 00
Luke Irwin.....	560 54th st., Brooklyn.	Oiler.....	mo., 95 00
Daniel J. Kenney.....	346 W. 45th st.	Oiler.....	mo., 95 00
David E. Lenahan.....	267 W. 126th st.	Oiler.....	mo., 95 00
John Lynas.....	53 Reeves pl., Brooklyn.	Oiler.....	mo., 95 00
James McCadden.....	1401 Broadway, Brooklyn.	Oiler.....	mo., 95 00
Peter McGeough.....	348 46th st., Brooklyn.	Oiler.....	mo., 95 00
James H. McQuade.....	992 Pacific st., Brooklyn.	Oiler.....	mo., 95 00
Thomas McNulty.....	245 45th st., Brooklyn.	Oiler.....	mo., 95 00
Frank R. Mackenzie.....	136 3d ave., New Brighton.	Oiler.....	mo., 95 00
Michael J. May.....	230 42d st., Brooklyn.	Oiler.....	mo., 95 00
Wm. J. Moffitt.....	176 S. 4th st., Brooklyn.	Oiler.....	mo., 95 00
Thomas Moriarty.....	166th st. & Stebbins ave., The Bronx.	Oiler.....	mo., 95 00
Thomas Nugent.....	West Brighton.	Oiler.....	mo., 95 00
John H. O'Higgins.....	546 151st st., Brooklyn.	Oiler.....	mo., 95 00
Thomas Plunkett.....	429 W. 17th st., Manhattan.	Oiler.....	mo., 95 00
Frank Henry Schubert.....	532 E. 150th st.	Oiler.....	mo., 95 00
James F. Sheridan.....	1930 Lexington ave., Manhattan.	Oiler.....	mo., 95 00
James E. Smith.....	227 52d st., Brooklyn.	Oiler.....	mo., 95 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Joseph Smith.....	61 Hallett st., Astoria.....	Oiler.....	mo., \$95 00
David M. Stanton.....	119 Perry st., Manhattan.....	Oiler.....	mo., 95 00
Henry Stiglin.....	147 Warren st., Brooklyn.....	Oiler.....	mo., 95 00
Walter H. Stuart.....	77 John st., Elm Park, S. I.....	Oiler.....	mo., 95 00
Angelo J. Tarantino.....	128 Roebing st., Brooklyn.....	Oiler.....	mo., 95 00
George Tuckwell.....	382 Union st., Brooklyn.....	Oiler.....	mo., 95 00
Arthur Van Nostrand.....	Mariner's Harbor.....	Oiler.....	mo., 95 00
Lewis A. Vollert.....	350 45th st., Brooklyn.....	Oiler.....	mo., 95 00
Edward A. Walsh.....	9 Old Broadway, Manhattan.....	Oiler.....	mo., 95 00
John J. Birmingham.....	386 E. 144th st.....	Painter.....	hour, 50
William H. Cunliffe.....	720 E. 21st st., Brooklyn.....	Painter.....	1,350 00
Hugh B. Emde.....	1 North st., The Bronx.....	Painter.....	hour, 50
Sidney B. Goddard.....	Corona, L. I.....	Painter.....	hour, 50
Thomas Kelly.....	344 E. 22d st.....	Painter.....	hour, 50
Harmon McGarvey.....	410 Amsterdam ave.....	Painter (Letterer).....	hour, 50
John C. Murray.....	103 Lexington ave.....	Painter.....	hour, 50
Edward F. O'Donnell.....	431 E. 79th st.....	Painter.....	hour, 50
John W. Oakley.....	250 W. 154th st.....	Painter.....	hour, 50
Charles N. Schwarz.....	228 W. 144th st.....	Painter.....	hour, 50
Timothy Sheehan.....	2125 8th ave.....	Painter.....	hour, 50
Alex Smith.....	27 Henry st., L. I. City.....	Painter.....	hour, 50
Robert A. Carroll.....	208 E. 101st st.....	Painter.....	hour, 50
John N. Herriek.....	117 So. 1st st., Brooklyn.....	Painter (Letterer).....	hour, 50
Alexander Karski.....	358 E. 78th st.....	Painter.....	hour, 50
Thomas F. Larkin.....	301 E. 34th st., Manhattan.....	Painter.....	hour, 50
Jacob Strassburger.....	501 W. 166th st.....	Painter.....	hour, 50
Matthew J. Wartmann.....	639 Bergen ave., The Bronx.....	Painter.....	hour, 50
Thomas J. Bacom.....	348 E. 134th st.....	Paver.....	hour, 62½
Thomas Conway.....	51 Market st.....	Paver.....	hour, 62½
Patrick Cronin.....	430 W. 49th st.....	Paver.....	hour, 62½
William Cronin.....	1569 1st ave.....	Paver.....	hour, 62½
John J. Hallisey.....	361 W. 12th st.....	Paver.....	hour, 62½
Michael E. Higgins.....	627 Hudson st.....	Paver.....	hour, 62½
Garrett Lane.....	426 E. 81st st.....	Paver.....	hour, 62½
William J. McGlone.....	447 E. 80th st.....	Paver.....	hour, 62½
Daniel McNichol.....	542 W. 47th st.....	Paver.....	hour, 62½
John Mooney.....	301 E. 60th st.....	Paver.....	hour, 62½
Jas. W. Murphy.....	507 W. 49th st.....	Paver.....	hour, 62½
Chas. V. Thompson.....	421 E. 22d st.....	Paver.....	hour, 62½
Geo. J. Welsh.....	175 E. 112th st.....	Paver.....	hour, 62½
Edward M. Boden.....	465 9th st., Brooklyn.....	Pilot.....	1,920 00
John Bray.....	67 E. 105th st.....	Pilot.....	1,200 00
Frederick J. Coster.....	342 E. 78th st.....	Pilot.....	1,920 00
Edward Cunningham.....	510 E. 135th st.....	Pilot.....	1,650 00
Richard F. Daly.....	Stapleton.....	Pilot.....	1,500 00
Joseph Fletcher.....	42 W. 65th st.....	Pilot.....	1,920 00
Peter Leonard.....	202 Java st., Brooklyn.....	Pilot.....	1,650 00
John Golden.....	1260 2d ave.....	Pilot.....	1,920 00
John Quigley.....	67 8th ave., Manhattan.....	Pilot.....	1,650 00
Edwin J. White.....	177 S. 4th st., Brooklyn.....	Pilot.....	1,650 00
Edward Greenan.....	611 E. 16th st.....	Pilot.....	1,650 00
Joseph Calnan.....	334 E. 21st st.....	Pipe Fitter.....	hour, 62½
James F. Cosgrove.....	417 E. 86th st.....	Pipe Fitter.....	hour, 62½
John J. Flynn.....	515 E. 16th st.....	Pipe Fitter.....	hour, 62½
Frank S. Gaffney.....	571 Mott ave., Bronx.....	Pipe Fitter.....	hour, 62½
William Rennert.....	402 E. 16th st.....	Pipe Fitter.....	hour, 62½
Daniel F. Shanahan.....	382 E. 153d st.....	Pipe Fitter.....	hour, 62½
William J. Stuart.....	402 E. 15th st., Manhattan.....	Pipe Fitter.....	hour, 62½
Edward J. McCullen.....	165 St. Ann's ave.....	Pipe Fitter.....	hour, 62½
John McLoughlin.....	469 E. 138th st.....	Pipe Fitter.....	hour, 62½
Henry Track.....	101 W. 102d st.....	Pipe Fitter.....	hour, 62½
William J. Barry.....	3264 E. 79th st.....	Pipe Fitter's Helper.....	hour, 37½
Thomas F. Lyons.....	625 E. 16th st.....	Pipe Fitter's Helper.....	hour, 37½
John F. Mansfield.....	330 1st ave.....	Pipe Fitter's Helper.....	hour, 37½
William F. Rainey.....	420 E. 20th st., Manhattan.....	Pipe Fitter's Helper.....	hour, 37½
Frederick Schatzmann.....	182 E. 101st st.....	Pipe Fitter's Helper.....	hour, 37½
Andrew S. Dickson.....	531 E. 81st st., Manhattan.....	Plumber.....	hour, 50
Patrick Kiely.....	320 E. 156th st., The Bronx.....	Plumber.....	hour, 50
John T. Dolan.....	1704 Park ave., Manhattan.....	Plumber's Helper.....	hour, 37½
James J. McCann.....	315 E. 80th st., Manhattan.....	Plumber's Helper.....	hour, 37½
Albert Ackerly.....	80 73d st., Brooklyn.....	Quartermaster.....	1,200 00
Martin Anderson.....	4209 7th ave., Brooklyn.....	Quartermaster.....	1,200 00
John E. Brinley.....	574 Richmond rd., Richmond, S. I.....	Quartermaster.....	1,200 00
Charles A. Dale.....	323 36th st., Brooklyn.....	Quartermaster.....	1,200 00
Lawrence Hanaway.....	13 Washington st., Manhattan.....	Quartermaster.....	1,200 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Arthur Hinchey	124 Madison st., Manhattan	Quartermaster	\$1,200 00
Abram Johnson	85 Montgomery ave., Tompkinsville	Quartermaster	1,200 00
Ebenezer B. Jordan	63 Clinton st., Brooklyn	Quartermaster	1,200 00
Thomas H. Kennedy	615 54th st., Brooklyn	Quartermaster	1,200 00
George Kimball	Port Richmond, S. I.	Quartermaster	1,200 00
William A. Lisk	11 John st., Port Richmond, S. I.	Quartermaster	1,200 00
John McCaffrey	40 Beach st., Stapleton, S. I.	Quartermaster	1,200 00
Edward Mulrooney	375 W. 125th st.	Quartermaster	1,200 00
Patrick J. Murphy	14 Rector st.	Quartermaster	1,200 00
Isaac R. Randall	2302 7th ave., Manhattan	Quartermaster	1,200 00
John P. Robinson	McCombs rd. and Featherbed lane, The Bronx	Quartermaster	1,200 00
Frederick B. Rulfs	8117 13th ave., Brooklyn	Quartermaster	1,200 00
Austin Silva	Rosebank, S. I.	Quartermaster	1,200 00
Nicholas Sinnott	891 4th ave., Brooklyn	Quartermaster	1,200 00
John J. Silva	Stapleton, S. I.	Quartermaster	1,200 00
Walter J. Smedley	318 42d st., Brooklyn	Quartermaster	1,200 00
Irving T. Stapleton	Tompkinsville, S. I.	Quartermaster	1,200 00
Thomas T. Thomson	433 E. 16th st., Manhattan	Quartermaster	1,200 00
Frederick C. Waeber	319 42d st., Brooklyn	Quartermaster	1,200 00
John T. Welch	95 St. Paul ave., Tompkinsville, S. I.	Quartermaster	1,200 00
Edwin F. Wheeler	271 W. 144th st.	Quartermaster	1,200 00
Hugh Carroll	51 Beach st.	Rammer	hour, 50
William E. Cavanagh	Unionport, Bronx	Rammer	hour, 50
John Doran	430 W. 125th st.	Rammer	hour, 50
Arthur F. Ferrier	218 E. 76th st.	Rammer	hour, 50
Francis P. Keegan	430 E. 13th st.	Rammer	hour, 50
John Kessler	1497 Zerega ave., The Bronx	Rammer	hour, 50
Owen Masterson	1985 Amsterdam ave.	Rammer	hour, 50
Eugene Morrissey	421 E. 22d st.	Rammer	hour, 50
Frederick Abel	424 E. 83d st.	Rigger	hour, 43
Florence Barnett	146 W. 10th st.	Rigger	hour, 43
Patrick Collins	439 W. 46th st.	Rigger	hour, 43
James Dalton	1522 1st ave.	Rigger	hour, 43
Ferdinando Di Maio	2265 1st ave.	Rigger	hour, 43
Lawrence Farley	306 W. 154th st.	Rigger	hour, 43
Thomas F. Fleming	9 Henry st., Brooklyn	Rigger	hour, 43
Andrew Kane	149 W. 62d st.	Rigger	hour, 43
Frank A. Kennedy	446 W. 164th st.	Rigger	hour, 43
William A. Law	1624 3d ave., Manhattan	Rigger	hour, 43
William A. McTiernan	179 Cherry st., Manhattan	Rigger	hour, 43
John Smith	502 W. 53d st.	Rigger	hour, 43
John Ziegler	845 Amsterdam ave.	Rigger	hour, 43
Martin Becker	1549 2d ave., Manhattan	Roofor	hour, 56 1/2
Joseph Eder	417 E. 158th st., The Bronx	Roofor	hour, 56 1/2
John W. Farrell	2268 Concourse, The Bronx	Tinsmith and Roofor	hour, 56 1/2
Arthur A. Hemmer	1046 Halsey st., Brooklyn	Tinsmith and Roofor	hour, 56 1/2
Thomas P. Kane	171 West End ave., Manhattan	Tinsmith and Roofor	hour, 56 1/2
Theodore A. Kraus	168 Ave. A, Manhattan	Tinsmith and Roofor	hour, 56 1/2
John S. Mahon	2186 5th ave., Manhattan	Tinsmith and Roofor	hour, 56 1/2
John Rumley	1101 Myrtle ave., Brooklyn	Tinsmith and Roofor	hour, 56 1/2
James J. Somers	Flushing, L. I.	Tinsmith and Roofor	hour, 56 1/2
David Henry Crum	419 W. 47th st.	Saw Filer	hour, 50
John Kennedy	166 Morningside ave.	Saw Filer	hour, 50
Charles F. King	874 8th ave.	Saw Filer	hour, 50
Joseph J. Kottler	814 6th st.	Saw Filer	hour, 50
Edward F. Rush	776 9th ave.	Saw Filer	hour, 50
John Torney, Sr.	714 E. 13th st.	Saw Filer	hour, 50
Thomas King	325 E. 47th st.	Scowman	wk., 18 00
James L. Stevens	77 Jackson st.	Scowman	wk., 18 00
John O. Farrell	74th st. and Narrows ave., Brooklyn	Searcher	2,000 00
John Bartenberg	116 Newell ave., Brooklyn	Ship Carpenter	hour, 50
Michael Brady	2272 2d ave.	Ship Carpenter	hour, 50
John E. Burns	1384 Washington ave., The Bronx	Ship Carpenter	hour, 50
Thomas Butler	Tompkinsville	Ship Carpenter	hour, 50
Daniel G. Bremner	29 Strong pl., Brooklyn	Ship Carpenter	hour, 50
John Casey	100 E. 124th st.	Ship Carpenter	hour, 50
Geo. S. Clark	290 E. 7th st.	Ship Carpenter	hour, 50
James H. Collins	2347 Bradhurst ave.	Ship Carpenter	hour, 50
Dominick Costello	543 W. 43d st.	Ship Carpenter	hour, 50
Thomas J. Cox	121 Marion st., Long Island City	Ship Carpenter	hour, 50
Jeremiah J. Crowley	746 E. 181st st., The Bronx	Ship Carpenter	hour, 50
Richard H. Diamond	93 Greenpoint ave., Brooklyn	Ship Carpenter	hour, 50
Thomas F. Dillon	Dyckman st., Inwood	Ship Carpenter	hour, 50
Joseph J. Duval	178a 26th st., Brooklyn	Ship Carpenter	hour, 50

NAME	RESIDENCE	POSITION	SALARY OR WAGES
George R. Dyer	101 Atlantic ave., Brooklyn	Ship Carpenter	hour, \$0 50
Bernard F. Farley, Jr.	507 W. 47th st.	Ship Carpenter	hour, 50
Patrick Fitzsimmons	58 E. 130th st.	Ship Carpenter	hour, 50
Edward J. Foley	591 E. 135th st.	Ship Carpenter	hour, 50
Thomas Floyd	546 W. 46th st.	Ship Carpenter	hour, 50
Ronald Gillies	441 Welling st., Richmond Hill	Ship Carpenter	hour, 50
Joseph Goldstein	392 Lorimer st., Brooklyn	Ship Carpenter	hour, 50
John R. Grant	545 W. 125th st.	Ship Carpenter	hour, 50
George W. Guider	593 Eagle ave., The Bronx	Ship Carpenter	hour, 50
Edward Hoolahan	24 Amsterdam ave.	Ship Carpenter	hour, 50
William Kelleghan	317 E. 69th st.	Ship Carpenter	hour, 50
Thomas Kennelly	295 Ave. B.	Ship Carpenter	hour, 50
William J. King	420 Bedford ave., Brooklyn	Ship Carpenter	hour, 50
Joseph Kyle	299 W. 137th st.	Ship Carpenter	hour, 50
Patrick McAnally	304 E. 89th st.	Ship Carpenter	hour, 50
James McEntee	527 46th st., Brooklyn	Ship Carpenter	hour, 50
Chas. McGuiness	456 Lorimer st., Brooklyn	Ship Carpenter	hour, 50
John McInelly	457 W. 35th st.	Ship Carpenter	hour, 50
Andrew Mahon	463 W. 52d st.	Ship Carpenter	hour, 50
James Mahon	57 Norman ave., Brooklyn	Ship Carpenter	hour, 50
Thomas Malloy	115 W. 62d st.	Ship Carpenter	hour, 50
Otto Miller	1741 Avenue A.	Ship Carpenter	hour, 50
Peter J. Mitchell	147 W. 62d st.	Ship Carpenter	hour, 50
John Moran	128 E. 98th st.	Ship Carpenter	hour, 50
John Mulleady	218 W. 60th st.	Ship Carpenter	hour, 50
George Nelson	614 48th st., Brooklyn	Ship Carpenter	hour, 50
John O'Connor	467 W. 46th st.	Ship Carpenter	hour, 50
Joseph O'Donnell	Bay ave., Mariners Harbor	Ship Carpenter	hour, 50
Cornelius O'Connor	142 Camelia st., Astoria	Ship Carpenter	hour, 50
Francis Pilon	1260 Nelson pl., Highbridge	Ship Carpenter	hour, 50
John Reilly	352 Jersey st., New Brighton, S. I.	Ship Carpenter	hour, 50
Patrick Rigney	97 Morton st.	Ship Carpenter	hour, 50
Henry S. Roll	2777 8th ave.	Ship Carpenter	hour, 50
Michael Rodgers	516 W. 52d st.	Ship Carpenter	hour, 50
Andrew T. Rovvig	624 46th st., Brooklyn	Ship Carpenter	hour, 50
Dominiek Ross	561 W. 42d st.	Ship Carpenter	hour, 50
James F. Ruggles	494 E. 163d st., The Bronx	Ship Carpenter	hour, 50
Edward J. Scheeler	501 W. 57th st.	Ship Carpenter	hour, 50
Philip Sheridan	114 Forsyth st., Manhattan	Ship Carpenter	hour, 50
Eugene Smith	16 E. 5th st., Brooklyn	Ship Carpenter	hour, 50
George Sparks	231 E. 79th st.	Ship Carpenter	hour, 50
Harry M. Sponza	90 Bedford st.	Ship Carpenter	hour, 50
John M. Sponza	513 W. 166th st.	Ship Carpenter	hour, 50
Michael Stapleton	442 W. 58th st.	Ship Carpenter	hour, 50
Charles Swansen	213 29th st., Brooklyn	Ship Carpenter	hour, 50
Michael R. White	98 So. 10th st., Brooklyn	Ship Carpenter	hour, 50
Andrew Wilson	436 W. 42d st.	Ship Carpenter	hour, 50
William Bennet	336 Humboldt st., Brooklyn	Ship Calker	hour, 50
George E. Cullen	423 E. 78th st.	Ship Calker	hour, 50
Joseph Donegan	651 E. 13th st.	Ship Calker	hour, 50
Patrick Fleming	11 Ridge st.	Ship Calker	hour, 50
Thomas Higgins	525 E. 84th st., Manhattan	Ship Calker	hour, 50
James J. Johnstry	437 Bleecker st., Brooklyn	Ship Calker	hour, 50
Joseph E. Kenavan	77 Bush st., Brooklyn	Ship Calker	hour, 50
Justin McNamara	153 S. 9th st., Brooklyn	Ship Calker	hour, 50
Robert A. Paxton	154 Eckford st., Brooklyn	Ship Calker	hour, 50
Michael Petit	56 Carver st., Astoria	Ship Calker	hour, 50
Daniel Sullivan	313 Henry st., Manhattan	Ship Calker	hour, 50
Benjamin Walker	2 Gouverneur st.	Ship Calker	hour, 50
Lawrence J. Welch	5 West End ave.	Ship Calker	wk., \$18 00
William Welton	379 Cherry st., Manhattan	Ship Calker	hour, 50
George M. Avent	2108 Madison ave.	Stenographer and Typewriter	1,500 00
Edward F. Barrett	305 E. 57th st.	Stenographer and Typewriter	1,000 00
Frederick T. Ealand	32 7th ave., New Brighton	Stenographer and Typewriter	1,500 00
Barnett H. Goldstein	535 McDonough st., Brooklyn	Stenographer and Typewriter	1,500 00
James A. Hogan	46 W. 100th st., Manhattan	Stenographer and Typewriter	1,000 00
John F. Kavanagh	24 Butler st., Brooklyn	Stenographer and Typewriter	1,000 00
Thomas V. McGloin	310 W. 11th st.	Stenographer and Typewriter	1,000 00
Edward J. McMenamin	73 Manhattan st.	Stenographer and Typewriter	1,500 00
James P. Martin	3132 Broadway	Stenographer and Typewriter	1,500 00
William A. Ross	154 Noble st., Brooklyn	Stenographer and Typewriter	1,500 00
John H. Saunders	358 57th st., Brooklyn	Stenographer and Typewriter	1,500 00
Howard B. Smith	215 W. 23d st., Manhattan	Stenographer and Typewriter	1,500 00
John F. Struse	14 Schaeffer st., Brooklyn	Stenographer and Typewriter	1,000 00
Paul Aiff	716 Fairmount pl., The Bronx	Stoker	hour, 43¢

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John Boland	110 E. 118th st.	Stoker	hour, \$0 43 1/2
Patrick Bohon	221 E. 35th st.	Stoker	hour, 43 1/2
James Burke	497 Canal st.	Stoker (Marine)	hour, 43 1/2
James J. Burke	497 Canal st.	Stoker	hour, 43 1/2
Dennis Coffey	2071 Ryer ave., The Bronx	Stoker	hour, 43 1/2
John P. Flynn	1164 1st ave., Manhattan	Coal Passer	hour, 37 1/2
Thomas A. McLean	329 15th st., Astoria	Stoker	hour, 43 1/2
Denis Dougherty	College Point, Queens	Stoker	hour, 43 1/2
Frank Deady	413 E. 22d st.	Stoker	hour, 43 1/2
Joseph E. Garrigan	123 Cherry st., Manhattan	Licensed Fireman	hour, 43 1/2
Morris Keegan	347 E. 52d st.	Stoker	hour, 43 1/2
John Brassel	657 Water st.	Stoker	hour, 43 1/2
William Hill	1359 1st ave.	Stoker	hour, 43 1/2
William Keisler	87 Eagle st., Greenpoint	Stoker	hour, 43 1/2
Thomas F. Malloy	173 Amsterdam ave.	Stoker	hour, 43 1/2
Terence Malone	364 W. 58th st., Manhattan	Stoker (Marine)	hour, 43 1/2
Thomas Martin	198 South st.	Stoker (Marine)	hour, 43 1/2
Geo. Oberst	312 E. 120th st.	Stoker	hour, 43 1/2
James Vandegrift	163 W. 10th st.	Stoker	wk., 15 00
James J. Pryor	343 E. 22d st.	Stoker	hour, 43 1/2
Charles J. Robertson	Corona, L. I.	Stoker	hour, 43 1/2
Charles J. Rosene	463 Dean st., Brooklyn	Stoker	hour, 43 1/2
Patrick J. Sheehan	47 New Bowery, Manhattan	Stoker	hour, 43 1/2
Maurice Stack	2145 7th ave.	Stoker	hour, 43 1/2
Daniel Sullivan	1495 Lexington ave.	Stoker	hour, 43 1/2
James J. Walsh	1874 3d ave., Manhattan	Stoker	hour, 43 1/2
Henry Way	157 Watts st.	Stoker (Marine)	hour, 43 1/2
John Anderson	104 Classon ave., Brooklyn	Stoker (Marine)	mo., 90 00
Fernando B. Alvarino	124 Roosevelt st., Manhattan	Stoker (Marine)	mo., 90 00
William T. Belcher	Port Richmond, S. I.	Stoker (Marine)	mo., 90 00
Richard Berry	1800 Anthony ave., The Bronx	Stoker (Marine)	mo., 90 00
Jose Blanco	85 Cherry st.	Stoker (Marine)	mo., 90 00
Peter Boylan	419 E. 68th st.	Stoker (Marine)	mo., 90 00
John Boyle	244 57th st., Brooklyn	Stoker (Marine)	mo., 90 00
Michael J. Boyle	145 N. 8th st., Brooklyn	Stoker (Marine)	mo., 90 00
Phillip Brady	101 E. 25th st., Manhattan	Stoker (Marine)	mo., 90 00
Charles Brown	205 W. 131st st., Manhattan	Stoker (Marine)	mo., 90 00
Patrick Burns	28 N. Oxford st., Brooklyn	Stoker (Marine)	mo., 90 00
Edward Butler	347 E. 23d st.	Stoker (Marine)	mo., 50 00
Dennis Callanan	1657 1st ave.	Stoker (Marine)	mo., 90 00
Oskar Carlson	73 Hamilton ave., Brooklyn	Stoker (Marine)	mo., 90 00
James Casey	274 9th ave., Manhattan	Stoker (Marine)	mo., 90 00
Thomas Casey	564 State st., Brooklyn	Stoker (Marine)	mo., 90 00
Cornelius Cassidy	355 S. 4th st., Brooklyn	Stoker (Marine)	mo., 90 00
Brien Cavanagh	205 West st.	Stoker (Marine)	mo., 90 00
Thomas Claven	81 8th st., Long Island City	Stoker (Marine)	mo., 90 00
John Connell	284 Baltic st., Brooklyn	Stoker (Marine)	mo., 90 00
Daniel Connor	27 Desbrosses st., Manhattan	Stoker (Marine)	mo., 90 00
John J. Connors	311 E. 80th st.	Stoker (Marine)	mo., 90 00
Lawrence Cook	403 E. 53d st.	Stoker (Marine)	mo., 90 00
Dewitt C. Cooley	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
Edward Cotter	New Brighton, S. I.	Stoker (Marine)	mo., 90 00
Michael J. Cronin	334 W. 16th st.	Stoker (Marine)	mo., 90 00
John J. Crowley	86 Madison st.	Stoker (Marine)	mo., 90 00
John Curtis	103 Grove st., Corona, L. I.	Stoker (Marine)	mo., 90 00
Fred'k H. Deats	72 Meadow st., Stapleton	Stoker (Marine)	mo., 90 00
John J. Decker	Brighton Heights, S. I.	Stoker (Marine)	mo., 90 00
Dennis J. Desmond	1669 3d ave., Manhattan	Stoker (Marine)	mo., 90 00
Michael Devlin	358 Madison st.	Stoker (Marine)	mo., 90 00
Joseph Dixon	1252 New York ave., Richmond, S. I.	Stoker (Marine)	mo., 90 00
William Doherty	106 Perry st.	Stoker (Marine)	mo., 90 00
John Donovan	Rosebank, Richmond	Stoker (Marine)	mo., 90 00
William Doran	225 W. 10th st.	Stoker (Marine)	mo., 90 00
Jeremiah Dougherty	Great Kills, S. I.	Stoker (Marine)	mo., 90 00
Joseph Duggan	Corona, Queens	Stoker (Marine)	mo., 90 00
Fred'k Duve	13 President st., Brooklyn	Stoker (Marine)	mo., 90 00
John K. Emery	Rosebank, S. I.	Stoker (Marine)	mo., 90 00
Thomas Fetton	1124 3d ave.	Stoker (Marine)	mo., 90 00
George A. Finkle	12 Vanderbilt ave., Brooklyn	Stoker (Marine)	mo., 90 00
Edward F. Finn	62 Adelphi st., Brooklyn	Stoker (Marine)	mo., 90 00
August K. W. Fischer	Evergreen, L. I.	Stoker (Marine)	mo., 90 00
August Fisher	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
Edward Flasherty	501 W. 26th st., Manhattan	Stoker (Marine)	mo., 90 00
Peter J. Gaffney	263 57th st., Brooklyn	Stoker (Marine)	mo., 90 00
Charles Gibbons	404 W. 30th st.	Stoker (Marine)	mo., 90 00



NAME	RESIDENCE	POSITION	SALARY OR WAGES
Patrick Giblyn.....	263 W. 68th st.	Stoker (Marine)	mo., \$90 00
Peter Grant.....	272 Spring st.	Stoker (Marine)	mo., 90 00
Michael J. Green.....	446 43d st., Brooklyn	Stoker (Marine)	mo., 90 00
Mark Grenan.....	460 11th ave.	Stoker (Marine)	mo., 90 00
Michael J. Haggerty.....	1612 Avenue A.	Stoker (Marine)	mo., 90 00
James Harrington.....	1054 3d ave., Manhattan	Stoker (Marine)	mo., 90 00
Martin Herbert.....	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
Dennis Hickey.....	71 Waverly ave., Brooklyn	Stoker (Marine)	mo., 90 00
Walter B. Hoffman.....	375 Atlantic ave., Brooklyn	Stoker (Marine)	mo., 90 00
Patrick Hogan.....	115 Broad st.	Stoker (Marine)	mo., 90 00
Walter Hogan.....	226 E. 78th st.	Stoker (Marine)	mo., 90 00
Michael Hurley.....	431 W. 30th st.	Stoker (Marine)	mo., 90 00
Robert Jackson.....	130 Boyd st., Stapleton	Stoker (Marine)	mo., 90 00
Lewis F. Johnson.....	571 Eagle ave., The Bronx	Stoker (Marine)	mo., 90 00
Thomas Kane.....	559 20th st., Brooklyn	Stoker (Marine)	mo., 90 00
Richard Keating.....	162 Perry st.	Stoker (Marine)	mo., 90 00
James J. Kelly.....	143 5th ave., Brooklyn	Stoker (Marine)	mo., 90 00
James Kenny.....	849 2d ave.	Stoker (Marine)	mo., 90 00
Michael T. Kidney.....	360 Front st., Manhattan	Stoker (Marine)	mo., 90 00
Michael Kilfoyle.....	46 Willow pl., Brooklyn	Stoker (Marine)	mo., 90 00
Adolph G. Koenig.....	Port Richmond, S. I.	Stoker (Marine)	mo., 90 00
Paul A. Kohler.....	1287 Washington ave., The Bronx	Stoker (Marine)	mo., 90 00
Louis C. Kusch.....	730 Henderson ave., West New Brighton	Stoker (Marine)	mo., 90 00
Harry P. Kyle.....	104 W. 61st st.	Stoker (Marine)	mo., 90 00
John Laffey.....	445 W. 40th st.	Stoker (Marine)	mo., 90 00
Richard Lancer.....	519 W. 29th st.	Stoker (Marine)	mo., 90 00
Henry Langreder.....	131 Huron st., Brooklyn	Stoker (Marine)	mo., 90 00
John J. Larkin.....	74 Laurel ave., Stapleton	Stoker (Marine)	mo., 90 00
Patrick J. Lavan.....	305 59th st., Brooklyn	Stoker (Marine)	mo., 90 00
Augustus Leonard.....	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
Wilbur W. Lewis.....	117 S. 9th st., Brooklyn	Stoker (Marine)	mo., 90 00
William Lundy.....	307 E. 18th st.	Stoker (Marine)	mo., 90 00
Michael J. Lysaght.....	535 E. 81st st.	Stoker (Marine)	mo., 90 00
Bernard McAndrew.....	313 W. 121st st.	Stoker (Marine)	mo., 90 00
Michael McArdle.....	456 W. 35th st.	Stoker (Marine)	mo., 90 00
Michael A. McArdle.....	171 Conover st., Brooklyn	Stoker (Marine)	mo., 90 00
Patrick McArdle.....	456 W. 35th st.	Stoker (Marine)	mo., 90 00
Michael McAtoer.....	136 12th st., Brooklyn	Stoker (Marine)	mo., 90 00
James J. McCaffry.....	120 Pearl st., Manhattan	Stoker (Marine)	mo., 90 00
John McCarthy.....	304 E. 33d st.	Stoker (Marine)	mo., 90 00
Owen McCooley.....	631 1st ave., Manhattan	Stoker (Marine)	mo., 90 00
Robert McCoy.....	821 57th st., Brooklyn	Stoker (Marine)	mo., 90 00
Wm. J. McDevitt.....	337 E. 42d st.	Stoker (Marine)	mo., 90 00
John McDonough.....	201 W. 67th st.	Stoker (Marine)	mo., 90 00
William McGowan.....	452 72d st., Brooklyn	Stoker (Marine)	mo., 90 00
Patrick McGrath.....	669 3d ave.	Stoker (Marine)	mo., 90 00
George McKeon.....	725 11th ave.	Stoker (Marine)	mo., 90 00
John McKittrick.....	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
John Malone.....	New Brighton	Stoker (Marine)	mo., 90 00
Peter F. Matthews.....	629 Amsterdam ave.	Stoker (Marine)	mo., 90 00
Wiekto E. Mattson.....	375 Atlantic ave., Brooklyn	Stoker (Marine)	mo., 90 00
John J. Meara.....	421 E. 15th st.	Stoker	mo., 90 00
Herman W. Meyer.....	430 E. 15th st., Manhattan	Stoker (Marine)	mo., 90 00
Jacob Mitteger.....	40 Harrison st., Manhattan	Stoker (Marine)	mo., 90 00
Martin Molloy.....	94 2d st., Brooklyn	Stoker (Marine)	mo., 90 00
James Morgan.....	Stapleton, S. I.	Stoker (Marine)	mo., 90 00
Thomas F. Morrison.....	160 Davis ave., West Brighton	Stoker (Marine)	mo., 90 00
Jeremiah Mulcahy.....	342 E. 137th st.	Stoker (Marine)	mo., 90 00
John Mulligan.....	902 3d ave.	Stoker (Marine)	mo., 90 00
Edward P. Mulvaney.....	415 10th ave., Manhattan	Stoker (Marine)	mo., 90 00
Patrick Murnane.....	New Brighton, S. I.	Stoker (Marine)	mo., 90 00
Edward Murphy.....	36 Commerce st.	Stoker (Marine)	mo., 90 00
Laurence Murphy.....	367 W. 11th st.	Stoker (Marine)	mo., 90 00
Michael Murphy.....	306 E. 32d st.	Stoker (Marine)	mo., 90 00
Patrick Murphy (No. 1).....	258 W. 10th st.	Stoker (Marine)	mo., 90 00
Patrick Murphy (No. 2).....	365 39th st., Brooklyn	Stoker (Marine)	mo., 90 00
Thomas Murphy.....	130 Variek st.	Stoker (Marine)	mo., 90 00
William Neujahr.....	309 3d ave.	Stoker (Marine)	mo., 90 00
James Newman.....	New Brighton, S. I.	Stoker (Marine)	mo., 90 00
Richard O'Brien.....	Burger ave., West New Brighton	Stoker (Marine)	mo., 90 00
Joseph J. O'Connor.....	107 Charlton st., Manhattan	Stoker (Marine)	mo., 90 00
Timothy O'Gara.....	436 Baltic st., Brooklyn	Stoker (Marine)	mo., 90 00
John F. O'Neill.....	205 E. 69th st.	Stoker (Marine)	mo., 90 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Charles Olsen.....	140 W. 112th st.....	Stoker (Marine).....	mo., \$90 00
David Quinn.....	305 Spring st.....	Stoker (Marine).....	mo., 90 00
James D. Reburn.....	Tompkinsville, S. I.....	Stoker (Marine).....	mo., 90 00
John Regan (No. 2).....	1635 Lexington ave., Manhattan.....	Stoker (Marine).....	mo., 90 00
Frank E. Regua.....	330 W. 21st st.....	Stoker (Marine).....	mo., 90 00
John Rice.....	165 E. 54th st.....	Stoker (Marine).....	mo., 90 00
Michael G. Rice.....	119 Christopher st.....	Stoker (Marine).....	mo., 90 00
August J. Richter.....	88 South st.....	Stoker (Marine).....	mo., 90 00
Frank Rocchio.....	338 E. 115th st.....	Stoker (Marine).....	mo., 90 00
Geo. W. Romer.....	60 Wright st., Stapleton.....	Stoker (Marine).....	mo., 90 00
Michael Rose.....	820 Manhattan ave., Brooklyn.....	Stoker (Marine).....	mo., 90,00
John H. L. Rudiger.....	Mariner's Harbor.....	Stoker (Marine).....	mo., 90,00
William V. Russell.....	204 South st., Manhattan.....	Stoker (Marine).....	mo., 90 00
William Sadowsky.....	35 Tompkins st., Stapleton.....	Stoker (Marine).....	mo., 90 00
William Saulter.....	Hotel Willomere, Bath Beach, Bklyn	Stoker (Marine).....	mo., 90,00
Patrick Shields.....	749 9th ave.....	Stoker (Marine).....	mo., 90 00
Charles L. Smith.....	101 9th ave., Manhattan.....	Stoker (Marine).....	mo., 90,00
James Smith.....	105 Butler st., Brooklyn.....	Stoker (Marine).....	mo., 90 00
Peter Smith.....	133 E. 102d st.....	Stoker (Marine).....	mo., 90,00
William Stolzenhaler.....	50 Arrietta st., Tompkinsville, S. I.	Stoker (Marine).....	mo., 90 00
Charles Stroessner.....	98 Maujer st., Brooklyn.....	Stoker (Marine).....	mo., 90 00
John Sweeney.....	152 E. 39th st.....	Stoker (Marine).....	mo., 90 00
Hugh Treanor.....	204 E. 29th st.....	Stoker (Marine).....	mo., 90 00
Hans Tripka.....	25 Cannon st., Manhattan.....	Stoker (Marine).....	mo., 90 00
William C. Turnbull.....	2452 3d ave., The Bronx.....	Stoker (Marine).....	mo., 90 00
Herbert Tyler.....	250 W. 41st st.....	Stoker (Marine).....	mo., 90 00
James W. Valentine.....	27 Vanduzer st., Tompkinsville, S. I.	Stoker (Marine).....	mo., 90 00
Joseph Vaughn.....	108 New York ave., Clifton, S. I.	Stoker (Marine).....	mo., 90 00
Robert Wall.....	Stapleton, S. I.....	Stoker (Marine).....	mo., 90 00
Thomas Ward.....	207 33d st., Brooklyn.....	Stoker (Marine).....	mo., 90 00
Thomas Waters.....	207 8th ave., Manhattan.....	Stoker (Marine).....	mo., 90 00
Marion Wilson.....	205 W. 63d st.....	Stoker (Marine).....	mo., 90 00
Fridolin Ziegler.....	1411 Clinton ave., The Bronx.....	Stoker (Marine).....	mo., 90 00
August A. Zilkens.....	31 Castleton ave., Tottenville, S. I.	Stoker (Marine).....	mo., 90 00
John Carroll.....	217 W. Houston st.....	Stonecutter.....	hour, 56 1/2
Wm. J. Donovan.....	30 Bank st., Brooklyn.....	Stonecutter.....	hour, 56 1/2
John Downey.....	249 Smith st., Brooklyn.....	Stonecutter.....	hour, 56 1/2
Philip Fitzpatrick.....	1103 3d ave., Manhattan.....	Stonecutter.....	hour, 56 1/2
Robert Gardner.....	248 6th st., Brooklyn.....	Stonecutter.....	hour, 56 1/2
Patrick McAtarney.....	151 No. 7th st., Brooklyn.....	Stonecutter.....	hour, 56 1/2
Michael McGrath.....	424 E. 80th st.....	Stonecutter.....	hour, 56 1/2
Peter Quinn.....	251 W. 135th st.....	Stonecutter.....	hour, 56 1/2
Lorenz Roth.....	515 E. 87th st.....	Stonecutter.....	hour, 56 1/2
Edward Walsh.....	434 E. 80th st.....	Stonecutter.....	hour, 56 1/2
Stephen Walsh.....	522 W. 46th st.....	Stonecutter.....	hour, 56 1/2
William R. Almuty.....	162 W. 61st st.....	Telephone Operator.....	1,050 00
John C. Schuster.....	507 W. 159th st.....	Telephone Operator.....	1,050 00
Thomas F. Barry.....	530 E. 14th st., Manhattan.....	Ticket Agent.....	mo., 80 00
James P. Beattie.....	231 Spencer st., Brooklyn.....	Ticket Agent.....	mo., 80,00
Richard Blood.....	82 Bay st., Tompkinsville.....	Ticket Agent.....	mo., 80,00
Anna B. Boylan.....	139 Innis st., Pt. Richmond.....	Ticket Agent.....	mo., 80,00
Peter F. Breen.....	315 Ave. A., Manhattan.....	Ticket Agent.....	mo., 80,00
George W. Buel.....	137 Bodine st., West Brighton.....	Ticket Agent.....	mo., 80,00
James C. Campbell.....	842 10th ave., Manhattan.....	Ticket Agent.....	mo., 80,00
Michael A. Clemency.....	1202 St. John's pl., Brooklyn.....	Ticket Agent.....	mo., 80,00
Joseph A. Deegan.....	221 W. 121st st., Manhattan.....	Ticket Agent.....	mo., 80 00
Michael Donnelly.....	239 45th st., Brooklyn.....	Ticket Agent.....	mo., 80,00
John J. Finn.....	79 Lafayette ave., Pt. Richmond.....	Ticket Agent.....	mo., 80,00
Peter Finn.....	417 Carey ave., New Brighton.....	Ticket Agent.....	mo., 80 00
Francis X. Foley.....	20 Westervelt ave., New Brighton.....	Ticket Agent.....	mo., 80,00
Edward A. Harvey.....	82 Jane st., Manhattan.....	Ticket Agent.....	mo., 80,00
John H. Hundemann.....	29 Lafayette ave., Pt. Richmond.....	Ticket Agent.....	mo., 80 00
Francis K. Larkin.....	635 47th st., Brooklyn.....	Ticket Agent.....	mo., 80 00
George W. McLaughry.....	36 7th ave., New Brighton.....	Ticket Agent.....	mo., 80,00
William J. McGee.....	3325 Fulton st., Brooklyn.....	Ticket Agent.....	mo., 80 00
John J. Martin.....	202 E. 112th st.....	Ticket Agent.....	mo., 80 00
Nicholas Neumann.....	596 E. 165th st., The Bronx.....	Ticket Agent.....	mo., 80 00
Edmund R. O'Brien.....	313 E. 23d st., Manhattan.....	Ticket Agent.....	mo., 80 00
Alexander Rathowsky.....	54 E. 104th st., Manhattan.....	Ticket Agent.....	mo., 80 00
Louis Solomon.....	158 N. 4th st., Brooklyn.....	Ticket Agent.....	mo., 80 00
William G. Withers, Jr.....	481 Evergreen ave., Brooklyn.....	Ticket Agent.....	mo., 80 00
William S. T. Conn.....	454 Convent ave., Brooklyn.....	Ticket Agent.....	mo., 80 00
Alexander O. Gettler.....	359 Grove st., Brooklyn.....	Ticket Agent.....	mo., 80 00
Charles Goodwater.....	385 2d ave.....	Ticket Agent.....	mo., 80 00
Cornelius J. Hogan.....	303 W. 12th st., Manhattan.....	Ticket Agent.....	mo., 80 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Charles L. Kelly	458 W. 42d st., Manhattan	Ticket Agent	mo., \$80 00
Henry Lang	1061 1st ave., Manhattan	Ticket Agent	mo., 80 00
Gustav Lange	815 Freeman st., The Bronx	Ticket Agent	mo., 80 00
Lester I. Lloyd	1300 2d ave., Manhattan	Ticket Agent	mo., 80 00
Winfield S. McCormick	200 E. 27th st., Manhattan	Ticket Agent	mo., 80 00
Thomas F. McGrane	503 W. 52d st., Manhattan	Ticket Agent	mo., 80 00
Joseph J. McGrath	20 Greenwich st., Manhattan	Ticket Agent	mo., 80 00
Walter J. Maher	30 Greenwich st., Manhattan	Ticket Agent	mo., 80 00
John F. Mullins	144 3d st., New Brighton	Ticket Agent	mo., 80 00
Robert A. Phillips	131 E. 105th st., Manhattan	Ticket Agent	mo., 80 00
Richard Reilly	341 E. 14th st., Manhattan	Ticket Agent	mo., 80 00
Samuel Salinger	163 E. 4th st., Manhattan	Ticket Agent	mo., 80 00
Peter Schmalzlein	365 E. 139th st., The Bronx	Ticket Agent	mo., 80 00
Edward F. J. Strauss	319 E. 79th st., Manhattan	Ticket Agent	mo., 80 00
Thomas F. Sweeney	158 E. 49th st., Manhattan	Ticket Agent	mo., 80 00
John J. Whalen	439 E. 17th st., Manhattan	Ticket Agent	mo., 80 00
Frederick C. Aims	347 44th st., Brooklyn	Ticket Chopper	mo., 60 00
Peter Alwell	160 E. 28th st., Manhattan	Ticket Chopper	mo., 60 00
Arthur J. Berrigan	5 Desbrosses st., Manhattan	Ticket Chopper	mo., 60 00
Edward Bryant	48 Kane ave., Rockaway Beach, L. I.	Ticket Chopper	mo., 60 00
John Connors	1485 2d ave., Manhattan	Ticket Chopper	mo., 60 00
James M. Creamer	424 47th st., Brooklyn	Ticket Chopper	mo., 60 00
Peter F. Delaney	84 Central ave., Mariners Harbor	Ticket Chopper	mo., 60 00
George B. Dennis	116 E. 11th st., Manhattan	Ticket Chopper	mo., 60 00
Frank Dolan	112 Maple ave., Port Richmond	Ticket Chopper	mo., 60 00
James M. Fair	Stapleton, S. I.	Ticket Chopper	mo., 60 00
Louis Giraud	Dongan Hills, S. I.	Ticket Chopper	mo., 60 00
James J. Gleason	571 Driggs ave., Brooklyn	Ticket Chopper	mo., 60 00
Paul Guertler	Mariners Harbor, S. I.	Ticket Chopper	mo., 60 00
John J. Kelly	1454 Fulton st., Brooklyn	Ticket Chopper	mo., 60 00
Michael A. Kinnears	208 W. 69th st., Manhattan	Ticket Chopper	mo., 60 00
Joseph A. Long	Port Richmond, S. I.	Ticket Chopper	mo., 60 00
John A. Moylan	137 No. 9th st., Brooklyn	Ticket Chopper	mo., 60 00
James V. Nugent	Egbertville, S. I.	Ticket Chopper	mo., 60 00
Philip J. O'Mara	127 So. 2d st., Brooklyn	Ticket Chopper	mo., 60 00
Morris O'Toole	71 E. 119th st.	Ticket Chopper	mo., 60 00
Thomas F. Regan	219 W. 66th st., Manhattan	Ticket Chopper	mo., 60 00
William Reilly	31 Morton st., Brooklyn	Ticket Chopper	mo., 60 00
Eugene F. Shannon	31 Water st., West New Brighton	Ticket Chopper	mo., 60 00
John J. Sullivan	44 Jane st., Manhattan	Ticket Chopper	mo., 60 00
William L. Wilson	79 Henry st., Brooklyn	Ticket Chopper	mo., 60 00
Robert P. McBride	95 Rutland road, Brooklyn	Transitman	1,500 00
John T. Hilton	439 W. 23d st.	Transitman	1,800 00
Richard W. McDonald	213 E. 189th st.	Transitman	1,500 00
J. Frank Johnson	359 Stuyvesant ave., Brooklyn	Transitman and Computer	1,800 00
Horace B. Loomis	108 Lee ave., Yonkers, N. Y.	Transitman and Computer	1,800 00
Peter F. Daly	456 72d st., Brooklyn	Transitman and Computer	1,500 00
Arthur Minnaugh	317 E. 19th st.	Transitman and Computer	1,800 00
Samuel Shapiro	327 Madison st.	Transitman and Computer	1,800 00
George W. Weir	560 W. 180th st.	Transitman and Computer	1,800 00
James Anderson	1514 Lexington ave.	Watchman	hour, 25
Peter Annerstedt	1369 Atlantic ave., Brooklyn	Watchman	hour, 25
Moses E. Arment	881 5th ave.	Watchman	hour, 25
Philip Ascher	42 Essex st.	Watchman	hour, 25
William H. Back	51 Manhattan st.	Watchman	hour, 25
John T. Bannon	423 E. 15th st.	Watchman	hour, 25
John Barr	401 E. 53d st.	Watchman	hour, 25
Joseph Beckhardt	109 W. 113th st.	Watchman	hour, 25
Joseph G. Berk	6 Charlton st.	Watchman	hour, 25
Joseph P. Brizzolara	52 Macdougall st.	Watchman	hour, 25
William Cleary	109 Bank st.	Watchman	hour, 25
Bryan Clune	308 E. 44th st.	Watchman	hour, 25
Charles Connolly	226 Madison st.	Watchman	hour, 25
Patrick F. Cooney	116 E. 116th st.	Watchman	hour, 25
James J. Coghlan	500 W. 38th st.	Watchman	hour, 25
John W. Coyne	105 Luqueer st., Brooklyn	Watchman	hour, 25
Daniel J. Crotty	817 Kent ave., Brooklyn	Watchman	hour, 25
Patrick Delaney	61 W. 98th st.	Watchman	hour, 25
John W. Distler	453 W. 19th st.	Watchman	hour, 25
Dennis Doyle	319 W. 16th st.	Watchman	hour, 25
Edward A. Farmer	105 King st.	Watchman	hour, 25
Thomas Ferris	1208 Hoe ave.	Watchman	hour, 25
Owen J. Foley	725 Washington st.	Watchman	hour, 25
Francis Gallagher	300 E. 23d st.	Watchman	hour, 25
James J. Gallagher	440 3d ave.	Watchman	hour, 25

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John Gannon	520 W. 47th st.	Watchman	wk., \$17 30
Jos. F. Gorman	590 Grand st.	Watchman	hour, 25
Michael S. Guilfoyle	155 E. 124th st.	Watchman	hour, 25
James M. Hackett	143 Amsterdam ave.	Watchman	hour, 25
John D. Haggerty	158 E. 102d st.	Watchman	hour, 25
Herman Heim	229 Avenue A.	Watchman	hour, 25
Robert C. Homan	300 W. 48th st.	Watchman	hour, 25
William H. Kain	62 S. 3d st., Brooklyn	Watchman	hour, 25
John F. Kearney	424 E. 148th st.	Watchman	hour, 25
Thomas Kennedy	109 W. 100th st.	Watchman	hour, 25
Patrick Larkin	95 10th ave.	Watchman	hour, 25
Jos. J. Lawless	450 W. 36th st.	Watchman	hour, 25
Timothy McCarthy	467 W. 49th st.	Watchman	hour, 25
Patrick McCauley	625 E. 135th st.	Watchman	hour, 25
William McClimont	96 Rogers ave., Brooklyn	Watchman	hour, 25
Charles McDermott	418 W. 48th st.	Watchman	hour, 25
Michael McDonough	134 4th pl., Brooklyn	Watchman	hour, 25
Peter J. McNaboe	60 Hicks st., Brooklyn	Watchman	hour, 25
Patrick Melville	515 W. 44th st.	Watchman	hour, 25
Peter J. Monaghan	2042 E. 14th st., Brooklyn	Watchman	hour, 25
Joseph Mullaney	20 James Slip, Manhattan	Watchman	hour, 25
James M. Mullen	1702 Park ave.	Watchman	hour, 25
John F. Murphy	125 N. 1st st., Brooklyn	Watchman	hour, 25
Thomas J. Murray	222 South st.	Watchman	hour, 25
William H. Murray	1685 Park ave.	Watchman	hour, 25
Daniel J. O'Connell	451 E. 135th st.	Watchman	hour, 25
Daniel O'Connor	149 Harrison st., Brooklyn	Watchman	hour, 25
John O'Malley	238 W. 36th st.	Watchman	hour, 25
Patrick O'Neill	736 Vernon ave., Long Island City	Watchman	hour, 25
Jeremiah O'Shaughnessy	2560 8th ave.	Watchman	hour, 25
Denis O'Sullivan	274 West st.	Watchman	hour, 25
Niels P. Olsen	421 E. 64th st.	Watchman	hour, 25
Charles L. Padgett	83 Berrian ave., West Farms	Watchman	hour, 25
Charles C. Pool	992 Brook ave., The Bronx	Watchman	hour, 25
John F. Power	242 W. 122d st.	Watchman	hour, 25
Michael H. Purtell	324 10th ave.	Watchman	hour, 25
Gustav Raelie	895 Jefferson ave., Brooklyn	Watchman	hour, 25
Martin Reagan	170 West End ave.	Watchman	hour, 25
William J. Reilly	325 Bleecker st.	Watchman	hour, 25
August J. Reuss	242 W. 30th st.	Watchman	hour, 25
Bernard Rowe	699 Lafayette ave., Brooklyn	Watchman	hour, 25
Charles S. Scott	145 Morningside ave.	Watchman	hour, 25
John M. Schwencik	347 E. 78th st.	Watchman	hour, 25
Richard Spitz	224 Hamburg ave., Brooklyn	Watchman	hour, 25
John Spillane	213 E. 84th st.	Watchman	hour, 25
John H. Weeks	297 Howard ave., Brooklyn	Watchman	hour, 25
James White	132 Willis ave., The Bronx	Watchman	hour, 25
Balentin Aguirre	16 Cherry st., Manhattan	Water Tender	mo., 95 00
Peter P. Brennan	722 Hicks st., Brooklyn	Water Tender	mo., 95 00
Thomas Broderick	1171 2d ave., Manhattan	Water Tender	mo., 95 00
Stephen D. Burbank	194 South ave., Mariner's Harbor	Water Tender	mo., 95 00
Joseph Burke	830 Elton ave., The Bronx	Water Tender	mo., 95 00
Matthew Campbell	423 W. 38th st., Manhattan	Water Tender	mo., 95 00
James Cannon	9 Polar st., Brooklyn	Water Tender	mo., 95 00
John Carlsen	635 9th ave.	Water Tender	mo., 95 00
James F. Cavorley	New Brighton	Water Tender	mo., 95 00
Michael Cavorley	231 4th ave., New Brighton	Water Tender	mo., 95 00
John C. Clary	194 Carroll st., Brooklyn	Water Tender	mo., 95 00
Joseph Comerford	315 W. 26th st.	Water Tender	mo., 95 00
John Crosson	128 St. Paul ave., Tompkinsville	Water Tender	mo., 95 00
Michael Dinan	464 E. 147th st., The Bronx	Water Tender	mo., 95 00
James H. Dwyer	578 Pacific st., Brooklyn	Water Tender	mo., 95 00
James J. Gallagher	631 Columbus ave.	Water Tender	mo., 95 00
John Gallagher	744 Columbus ave., Manhattan	Water Tender	mo., 95 00
Wm. H. Gallagher	210 Pacific st., Brooklyn	Water Tender	mo., 95 00
William J. Galvin	568 Lenox ave., Manhattan	Water Tender	mo., 95 00
Thomas Hanly	207 10th ave., Manhattan	Water Tender	mo., 95 00
John J. Harrington	313 E. 77th st.	Water Tender	mo., 95 00
John R. Harrison	3224 Broadway	Water Tender	mo., 95 00
John H. Hollinde	81 Fingerboard rd., Fort Wadsworth	Water Tender	mo., 95 00
Bernard Kane	Stapleton	Water Tender	mo., 95 00
Wm. Kilfoyle	225 E. 76th st.	Water Tender	mo., 95 00
William Klotzback	307 W. 12th st.	Water Tender	mo., 95 00
Lewis Kropp	41 Atlantic ave., Brooklyn	Water Tender	mo., 95 00
James Lee	349 E. 53d st.	Water Tender	mo., 95 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
John A. Lisk	11 John st., Port Richmond.	Water Tender	mo., \$95 00
Maurice E. Long	471 36th st., Brooklyn	Water Tender	mo., 95 00
John McCaffrey	204 E. 75th st., Manhattan	Water Tender	mo., 95 00
James McKittrick	341 Vanderbilt ave., Staten Island	Water Tender	mo., 95 00
Daniel McMahon	New Brighton, S. I.	Water Tender	mo., 95 00
James McMahon	3 Sycamore st., Brooklyn	Water Tender	mo., 95 00
William Mulvaney	323 W. 126th st.	Water Tender	mo., 95 00
Thomas Mahoney	501 W. 28th st., Manhattan	Water Tender	mo., 95 00
Samuel Mitchell	S 5th ave., New Brighton	Water Tender	mo., 95 00
Thomas Mannion	211 Hopkinson ave., Brooklyn	Water Tender	mo., 95 00
John H. Mulhall	222 W. 144th st.	Water Tender	mo., 95 00
Daniel O'Conner	311 E. 136th st.	Water Tender	mo., 95 00
Thomas J. Phelan	51 James st.	Water Tender	mo., 95 00
Maurice Quinlan	69 E. 122d st.	Water Tender	mo., 95 00
August C. Runge	Rosebank, Staten Island	Water Tender	mo., 95 00
John Ryan	350 45th st., Brooklyn	Water Tender	mo., 95 00
Archibald Stark	74 Columbia st., Brooklyn	Water Tender	mo., 95 00
Stephen Sullivan	546 W. 132d st.	Water Tender	mo., 95 00
Henry F. Traulsen	New Dorp	Water Tender	mo., 95 00
Thomas Tuft	351 Webster ave., L. I. City	Water Tender	mo., 95 00
Edmund Wallace	1675 69th st., Brooklyn	Water Tender	mo., 95 00
John White	1517 Madison ave.	Water Tender	mo., 95 00
Robert B. Clements	533 W. 144th st., Manhattan	Wireman	hour, 56 1/2
Philip H. Danner	Flushing, L. I.	Wireman	hour, 56 1/2
Thomas Thatcher	346 E. 194th st., Manhattan	Wireman	hour, 56 1/2
Philip Farmer	181 W. 63d st., Manhattan	Wood Sawyer	hour, 56 1/2
Thomas F. Allen	320 Cherry st.	Recreation Pier Attendant	mo., 75 00
William Baird	1346 Prospect pl., Brooklyn	Recreation Pier Attendant	mo., 75 00
Benjamin J. Becker	121 Stagg st., Brooklyn	Recreation Pier Attendant	mo., 75 00
Edward F. Brennan	335 E. 93d st., Manhattan	Attendant	mo., 75 00
Jos. S. Burdett	145 W. 116th st.	Recreation Pier Attendant	mo., 75 00
Michael Callaghan	312 E. 38th st., Manhattan	Recreation Pier Attendant	mo., 75 00
Eugene F. Cavanagh	112 W. 129th st.	Recreation Pier Attendant	mo., 75 00
James H. Colligan	465 3d ave., Manhattan	Recreation Pier Attendant	mo., 75 00
Robert P. Conlin	342 W. 11th st.	Recreation Pier Attendant	mo., 75 00
Francis Conlon	123 W. 60th st.	Recreation Pier Attendant	mo., 75 00
Edwin V. Dodge	712 E. 179th st.	Recreation Pier Attendant	mo., 75 00
Vincent P. Donovan	1848 Bathgate ave., The Bronx	Attendant	mo., 75 00
Eugene Focacci	23 Macdougall st.	Recreation Pier Attendant	mo., 75 00
Joseph J. Fortune	196 Madison st., Brooklyn	Attendant	mo., 75 00
Henry E. Gabriel	96 Ten Eyck st., Brooklyn	Recreation Pier Attendant	mo., 75 00
Percy L. Greenough	1189 Madison st., Brooklyn	Attendant	mo., 75 00
John J. Halley	734 Third ave.	Recreation Pier Attendant	mo., 75 00
Abraham F. Hazen	Foot of E. 23d st., Manhattan	Recreation Pier Attendant	mo., 75 00
Thomas L. Healy	251 10th st., Brooklyn	Recreation Pier Attendant	mo., 75 00
Edward D. Hedenkamp	199 So. 9th st., Brooklyn	Recreation Pier Attendant	mo., 75 00
Wm. J. Hennessey	42 Garnet st., Brooklyn	Recreation Pier Attendant	mo., 75 00
George Honecker	965 De Kalb ave., Brooklyn	Recreation Pier Attendant	mo., 75 00
James B. Julian	229 E. 40th st.	Recreation Pier Attendant	mo., 75 00
James A. Kelly	102 Congress ave., Flushing, L. I.	Recreation Pier Attendant	mo., 75 00
Thomas J. Kilmet	35 Christopher st., Manhattan	Recreation Pier Attendant	mo., 75 00
John J. Lahey	173d st. and Westchester ave., Bronx	Recreation Pier Attendant	mo., 75 00
Thomas F. McCarthy	47 Laight st.	Recreation Pier Attendant	mo., 75 00
John A. McKenna	449 W. 33d st.	Recreation Pier Attendant	mo., 75 00
Frank McMahon	12 Bedford ave., Brooklyn	Recreation Pier Attendant	mo., 75 00
Thomas H. Magee	144 E. 32d st.	Recreation Pier Attendant	mo., 75 00
William Morris	178 Nevins st., Brooklyn	Recreation Pier Attendant	mo., 75 00
John T. O'Hara	247 Adams st., Brooklyn	Recreation Pier Attendant	mo., 75 00
John F. Quinn	247 Adams st., Brooklyn	Recreation Pier Attendant	mo., 75 00
Joseph A. Reilly	242 E. 35th st.	Recreation Pier Attendant	mo., 75 00
Vincent J. Smith	102 E. 121st st., Manhattan	Recreation Pier Attendant	mo., 75 00
Frederick D. Walker	738A Greene ave., Brooklyn	Recreation Pier Attendant	mo., 75 00
Daniel F. Walsh	596 Driggs ave., Brooklyn	Recreation Pier Attendant	mo., 75 00
Delia R. Ashley	2275 Bassford ave., The Bronx	Recreation Pier Attendant	mo., 50 00
Evelyn Beach	310 E. 66th st., Manhattan	Recreation Pier Attendant	mo., 50 00
Frances L. Buchanan	415 16th st., Brooklyn	Recreation Pier Attendant	mo., 50 00
Margaret Carmody	2435 Morris ave., Fordham	Recreation Pier Attendant	mo., 50 00
Minnie E. Carson	44 Grove st.	Recreation Pier Attendant	mo., 50 00
Lily Coulter	69 Bond st., Brooklyn	Recreation Pier Attendant	mo., 50 00
Kate Daly	436 W. 18th st., Manhattan	Recreation Pier Attendant	mo., 50 00
Mary Daly	236 Broadway, Astoria	Recreation Pier Attendant	mo., 50 00
Ellen W. Dolan	172 W. 136th st.	Recreation Pier Attendant	mo., 50 00
Florence Foye	546 W. 156th st., Manhattan	Recreation Pier Attendant	mo., 50 00
Mary Harrington	216 E. 77th st., Manhattan	Recreation Pier Attendant	mo., 50 00
Anna M. Hug	104 Scholes st., Brooklyn	Recreation Pier Attendant	mo., 50 00

NAME	RESIDENCE	POSITION	SALARY OR WAGES
Annie Jennings	524 W. 152d st., Manhattan	Recreation Pier Attendant	mo., \$50 00
Elsie W. Kenny	1935 Atlantic ave., Brooklyn	Recreation Pier Attendant	mo., 50 00
Mary McArdle	346 E. 17th st.	Recreation Pier Attendant	mo., 50 00
Bridget McCarthy	349 W. 50th st.	Recreation Pier Attendant	mo., 50 00
Anna McGowan	949 Lorimer st., Brooklyn	Recreation Pier Attendant	mo., 50 00
Louise F. McKibbin	2016 Jerome ave., The Bronx	Recreation Pier Attendant	mo., 50 00
Kate Mallon	313 E. 41st st.	Recreation Pier Attendant	mo., 50 00
Helen Morrissey	241 W. 137th st.	Recreation Pier Attendant	mo., 50 00
Catherine Neidig	171 E. 74th st., Manhattan	Recreation Pier Attendant	mo., 50 00
Margaret J. Noonan	199 Clinton st., Brooklyn	Recreation Pier Attendant	mo., 50 00
Mary O'Connor	224 W. 146th st., Manhattan	Attendant	mo., 50 00
Mary Purdy	820 Greenwich st., Manhattan	Attendant	mo., 50 00
Josephine M. Quirk	1041 Hall pl., The Bronx	Attendant	mo., 50 00
Mary E. Riordan	211 W. 144th st., Manhattan	Attendant	mo., 50 00
Ida L. Schaefer	1286 Lexington ave., Manhattan	Attendant	mo., 50 00
Ella J. Seymour	21 Bethune st., Manhattan	Attendant	mo., 50 00
Mary A. Sheehan	171 E. 174th st., Manhattan	Attendant	mo., 50 00
Adelia Sheridan	724 E. 156th st., The Bronx	Attendant	mo., 50 00
Gertrude F. Skelling	422 Pleasant ave.	Attendant	mo., 50 00
Mary A. Sullivan	164 E. 115th st.	Attendant	mo., 50 00
Mary A. Walsh	211 Willis ave., The Bronx	Attendant	mo., 50 00
Carrie A. Zerbe	706 Manhattan ave., Brooklyn	Attendant	mo., 50 00
Fanny Barry	207 E. 69th st., Manhattan	Cleaner	mo., 45 00
Mary Brenecke	1270 Greene ave., Brooklyn	Cleaner	mo., 45 00
Lucia Budd	39 Catharine st., Manhattan	Cleaner	mo., 45 00
Mary Dech	70 W. 142d st., Manhattan	Cleaner	mo., 45 00
Elizabeth Devlin	226 E. 56th st., Manhattan	Cleaner	mo., 45 00
Mary T. Harrington	10 St. Marks pl., Manhattan	Cleaner	mo., 45 00
Sarah T. Hendry	97 Madison st., Manhattan	Cleaner	mo., 45 00
Helen E. Horman	204 W. 23d st., Manhattan	Cleaner	mo., 45 00
Maria C. Johnson	23 Oakland st., Brooklyn	Cleaner	mo., 45 00
Julia Keller	239 E. 80th st., Manhattan	Cleaner	mo., 45 00
Jennie Kern	54 Roosevelt st., Manhattan	Cleaner	mo., 45 00
Margaret Larkin	195 Prince st., Manhattan	Cleaner	mo., 45 00
Mary McCormick	940 3d ave., Manhattan	Cleaner	mo., 45 00
Mary McMullen	163 E. 110th st., Manhattan	Cleaner	mo., 45 00
Mary McNamara	537 W. 52d st., Manhattan	Cleaner	mo., 45 00
Mary O'Brien	1226 3d ave., Manhattan	Cleaner	mo., 45 00
Blanch O'Reilly	356 W. 24th st., Manhattan	Cleaner	mo., 45 00
Isabelle M. Reilly	1129 Park ave., Manhattan	Cleaner	mo., 45 00
Alice Robinson	37 Bridge st., Manhattan	Cleaner	mo., 45 00
Josey Ryan	109 E. 120th st., Manhattan	Cleaner	mo., 45 00
Katie Schebe	566 2d ave., Manhattan	Cleaner	mo., 45 00
Dora Schwaninger	150 E. 7th st., Manhattan	Cleaner	mo., 45 00
Elizabeth Stromberg	216 E. 6th st., Manhattan	Cleaner	mo., 45 00
Lena Wein	1703 Lexington ave., Manhattan	Cleaner	mo., 45 00

875 Dock Laborers, at, per hour..... 31½  
72 Dock Laborers, at, per week..... \$ 18 00  
2 Dock Laborers, at, per month..... 100 00

## REVENUES AND EXPENDITURES.

The total gross revenue of the Department for the year ending December 31, 1909, amounted to \$4,780,476.68, distributed as follows:

From leased wharves and wharfage, \$3,552,573.49; from ferry rents and franchises, \$303,484.15; from operation of Municipal Ferries, \$898,732.45, and from all other sources, \$25,686.59.

The expenditures from the Dock Fund during the same period were \$11,364,210.52.

Of this amount \$7,029,876.85 was expended for the work of construction, including ferries; \$2,029,086.48 was paid for wharf property acquired by the Department; the sum of \$2,214,570.26 was expended for repairs and maintenance, including ferries; while the general expenses of the Department amounted to \$90,676.93.

The Revenues and Disbursements of the Department for the year are shown in detail in the following accompanying schedules of Revenues and Disbursements.

## LEASES AND PERMITS GRANTED BY THE COMMISSIONER.

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 rental.

## CONTRACTS.

A list of contracts made by the Department during the year, containing a description of the work, name of the contractor, price, etc., will be found on the following page.

## STATEMENT SHOWING THE CONTRACTS AWARDED DURING

No.	CLASS	DESCRIPTION.	NAME OF CONTRACTOR,	PRICE.
1025		Dredging on Whale Creek.....	W. A. Beard Dredging Co.....	18 $\frac{1}{2}$ c. per cubic yard....
1095		Building pier between 31st and 32d streets, Brooklyn.....	Harry R. Wheeler. ....	\$174,587 00
1118		Services as architect.....	J. W. Millard.....	3 $\frac{1}{2}$ % of cost.....
1150		Furnishing and installing mechanical and electrical equipment on piers Nos. 53, 54, 56, 57, 58, 59, 60, 61 and 62, N. R.....	North Eastern Construction Co.....	\$745,000 00
1156		Refendering pier No. 53, N. R., and building freight shed thereon.....	McHarg Barton Co.....	247,300 00
1162	I	Furnishing iron, steel, etc.....	Manhattan Supply Co..	3,747 00
1162	II	" lumber.....	Brooklyn Lumber Co...	3,515 25
1162	III	" rubber goods.....	Anchor Packing Co. ...	5,605 75
1162	IV	" ship chandlery.....	J. Edward Ogden.....	11,433 69
1162	V	" paints, oils, etc.....	" .....	4,939 63
1162	VI	" electrical supplies.....	" .....	2,399 36
1164		Furnishing and installing metal filing-cases and storage cabinets.....	Art Metal Construction Co.....	1,700 00
1165		Furnishing coal.....	Pattison & Bowns. ....	3.47 per ton.....
1166		" piles.....	Chas. K. Nichols.....	9.21 each.....
1167		" paints, etc.....	Blaine Cont. & Supply Co.	2,916 50
1168		" coal.....	Curtis Blaisdall Co. ....	3.99 per ton.....
1169		Laying double track extension to trolley railroad at 39th street, Brooklyn....	Arthur T. Prescott.....	6,450 00
1170		Sprinkling new made land on North and East Rivers.....	Patrick J. O'Connell....	5.25 per day.....
1171		Furnishing horses, carts and drivers...	S. F. Goss. ....	3.45 per day.....
1173		Printing and binding Annual Report...	Wm. Bratter & Co.....	1,440 00
1174	I	Furnishing granite headers and stretchers.....	Michael McGrath & Co..	95c. per cubic foot....
1174	II	Furnishing granite coping stone.....	Ryan Parker Const. Co.	1.00 per cubic foot....
1175	I	" cement.....	John P. Kane Co.....	1.32 per bbl. ....
1175	V	" rip rap.....	O'Brien Bros.....	30c. per cubic yard....
1176		Repairing the Municipal ferry boats and furnishing supplies therefor.....	John W. Sullivan Co...	60,178 00
1177		Painting hulls of Municipal ferry boats.	James Shewan & Sons..	17,593 00
1178		Printing specifications and contracts...	Wynkoop Hallenbeck Crawford Co.....	6,705 00
1179	I	Furnishing coal.....	North River Coal Co....	\$3.39 per ton.....
1179	II	" coal.....	" .....	3.39 per ton.....
1180		Building platform, etc., at foot of West 110th street, N. R.....	Phoenix Construction Co.	\$25,397 00
1181		Building pier at Jamaica ave., Queens..	" .....	11,897 00
1183	I	Furnishing coal.....	Pattison & Bowns. ....	\$5.07 per ton.....
1183	II	" coal.....	Wm. Farrell & Son....	6.40 per ton.....

## THE YEAR ENDING DECEMBER 31, 1909.

DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT OF CONTRACT.	AMOUNT PAID TO DEC. 31, 1909.
June 16, 1909	July 2, 1909	180 days from notification.....	\$63,875 00	\$37,408 14
June 23, 1909	July 13, 1909	300 " .....	174,587 00	98,711 23
May 27, 1909	June 8, 1909	.....	25,900 00	7,400 00
April 29, 1909	May 6, 1909	175 days from notification.....	745,000 00	316,708 64
March 17, 1909	March 30, 1909	400 " .....	247,300 00	143,621 23
Sept. 15, 1909	Oct. 7, 1909	180 " .....	3,747 00	1,091 03
Sept. 15, 1909	Oct. 15, 1909	180 " .....	3,515 25	2,497 33
Sept. 15, 1909	Sept. 23, 1909	180 " .....	5,605 75	962 55
Sept. 15, 1909	Sept. 23, 1909	180 " .....	11,433 69	5,455 50
Sept. 15, 1909	Sept. 23, 1909	180 " .....	4,939 63	2,921 07
Sept. 15, 1909	Sept. 23, 1909	180 " .....	2,399 36	1,120 32
April 8, 1909	April 15, 1909	60 " .....	1,700 00	1,700 00
Jan. 28, 1909	Jan. 29, 1909	120 " .....	34,700 00	34,688 88
April 13, 1909	April 16, 1909	120 " .....	9,210 00	9,504 72
May 24, 1909	June 8, 1909	60 " .....	2,916 50	2,916 50
Feb 23, 1909	Mar. 4, 1909	180 " .....	79,800 00	84,125 00
April 8, 1909	April 21, 1909	40 " .....	6,450 00	6,450 00
April 20, 1909	April 26, 1909	November 1, 1909. ....	6,772 50	6,961 50
April 20, 1909	May 6, 1909	April 1, 1910.....	25,875 00	12,668 39
June 27, 1909	July 2, 1909	90 days from notification.....	1,440 00	1,512 00
June 18, 1909	Sept. 14, 1909	60 " .....	1,710 00	1,779 11
June 18, 1909	July 28, 1909	60 " .....	7,000 00	7,051 50
May 3, 1909	May 7, 1909	360 " .....	26,400 00	21,740 40
May 3, 1909	May 7, 1909	360 " .....	12,000 00	8,568 99
June 14, 1909	June 22, 1909	365 " .....	60,178 00	29,847 87
July 1, 1909	July 13, 1909	500 " .....	17,593 00	4,156 36
June 23, 1909	July 2, 1909	July 1, 1910.....	6,705 00	.....
June 23, 1909	July 2, 1909	365 days from notification.....	230,520 00	107,729 09
May 27, 1909	June 2, 1909	365 " .....	94,920 00	48,291 08
June 23, 1909	July 2, 1909	70 " .....	25,397 00	24,653 15
July 1, 1909	July 13, 1909	60 " .....	11,897 00	11,897 00
Sept. 15, 1909	Sept. 23, 1909	365 " .....	25,350 00	9,278 84
Sept. 15, 1909	Sept. 23, 1909	365 " .....	9,600 00	1,428 48



No.	CLASS.	DESCRIPTION.	NAME OF CONTRACTOR.	PRICE.
1183	III	Furnishing coal.....	Wm. Farrell & Son....	\$5.85 per ton.....
1184		" towing.....	Thomas Flannery.....	3.39 per hour.....
1185	I & II	" ice.....	American Ice Co.....	30c. per 100 lbs.....
1185	III	" ice.....	James De Barbieri.....	29c. per 100 lbs.....
1186	I	Paving with granite and iron slag.....	Cunningham & Kearns..	\$5,600 00
1186	II	" granite blocks.....	Dunbar Contracting Co.	27,000 00
1186	III	" ".....	"	25,500 00
1187	I	Furnishing iron, steel, etc.....	J. Edward Ogden.....	78,599 00
1187	II	" divers' supplies.....	A. Schrader's Son Inc...	1,161 00
1188		Dredging in all Boroughs.....	Newark Meadows Imp. Co.....	19c. per cubic yard.....
1189	II	Furnishing sand.....	Goodwin Sand & Gravel Co.....	80c. per cubic yard.....
1189	III	" broken stone.....	Jacob E. Conklin.....	87c. per cubic yard.....
1190	I	" yellow pine.....	D. L. Gillespie & Co.....	23.05 per M. ft.....
1190	II	" spruce.....	Arthur C. Jacobson & Sons.....	29.58 per M. ft.....
1190	III	" piles.....	Stanley H. Miner.....	7.49 each.....
1191		Installing boiler on tug "Brooklyn"....	Heiperschausen Bros...	\$8,990 00
1193		Dredging in all Boroughs.....	Newark Meadows Imp. Co.....	39c. per cubic yard.....
1194		Furnishing manila rope and marline....	J. Edward Ogden.....	.0769 per lb.....
1195		Furnishing appliances to complete electric installation at Department Yards at W. 57th and E. 24th sts.....	Cowden & De Young, Inc.....	\$5,213 00
1196		Building freight shed on pier between 31st and 32d sts., Brooklyn.....	Chas. Meads & Co.....	155,500 00
1197		Building viaduct between trolley platform and Jay st., St. George.....	The Snare & Triest Co..	43,570 00
1198		Dredging on the North River.....	Henry Du Bois Sons Co.	14c. per cubic yard.....
1200		Paving with granite the marginal street between W. 22d and W. 23d sts., N. R.....	Asphalt Construction Co	\$38,750 00
1202		Building pier at 33d st., Brooklyn.....	Harry R. Wheeler.....	236,500 00
1203	I	Furnishing horses, harness and drivers, Borough of Richmond.....	Pierre F. Corrigan.....	\$2.24 per day.....
1203	II	Furnishing horses, harness and drivers, Borough of Brooklyn.....	"	2.44 per day.....
1206	I	Furnishing pine lumber.....	Hirsch Lumber Co.....	27.425 per M. ft.....
1206	II	" miscellaneous lumber.....	Yellow Pine Co.....	\$5,415 55
1206	III	" piles.....	Nichols Bros.....	\$11.94 each.....
1206	IV	" piles.....	"	9.47 each.....
1206	V	" piles.....	H. L. Grube.....	9.77 each.....
1215		Services as architect.....	Warren & Wetmore....	\$10,000 00

DATE OF AWARD.	DATE OF CONTRACT.	DATE OF EXPIRATION.	AMOUNT OF CONTRACT.	AMOUNT PAID TO DEC. 31, 1909.
Sept. 15, 1909	Sept. 23, 1909	365 days from notification.....	351 00	.....
July 1, 1909	July 13, 1909	180 ".....	8,475 00	3,045 41
June 23, 1909	July 2, 1909	April 30, 1910.....	3,302 84	339 19
July 1, 1909	July 28, 1909	Oct. 31, 1909.....	1,305 00	982 87
Oct. 8, 1909	Oct. 23, 1909	30 days from notification.....	5,600 00	.....
Oct. 8, 1909	Nov. 24, 1909	80 ".....	27,000 00	.....
Oct. 8, 1909	Nov. 24, 1909	80 ".....	25,500 00	.....
Nov. 4, 1909	Nov. 23, 1909	180 ".....	78,599 00	30,454 03
Nov. 4, 1909	Nov. 24, 1909	60 ".....	1,161 00	.....
Sept. 15, 1909	Sept. 23, 1909	December 31, 1910.....	28,500 00	4,625 27
Aug. 3, 1909	Aug. 17, 1909	180 days from notification.....	4,000 00	2,000 16
Aug. 3, 1909	Aug. 17, 1909	180 ".....	10,875 00	6,758 07
Sept. 15, 1909	Sept. 23, 1909	60 ".....	11,525 00	.....
Sept. 15, 1909	Oct. 7, 1909	60 ".....	6,507 60	6,678 84
Sept. 15, 1909	Sept. 23, 1909	150 ".....	18,725 00	.....
Oct. 8, 1909	Oct. 23, 1909	180 ".....	8,990 00	.....
Sept. 15, 1909	Sept. 23, 1909	May 31, 1910.....	9,750 00	.....
Oct. 8, 1909	Oct. 21, 1909	90 days from notification.....	8,251 37	5,196 64
Oct. 8, 1909	Oct. 23, 1909	90 ".....	5,213 00	.....
Oct. 8, 1909	Oct. 23, 1909	180 ".....	155,500 00	.....
Oct. 14, 1909	Oct. 21, 1909	160 ".....	43,570 00	.....
Nov. 15, 1909	Nov. 19, 1909	May 30, 1910.....	28,000 00	9,839 97
Nov. 15, 1909	Nov. 19, 1909	80 days from notification.....	38,750 00	.....
Dec. 21, 1909	Dec. 31, 1909	260 ".....	236,500 00	.....
Dec. 24, 1909	.....	December 31, 1910.....	17,169 60	.....
Dec. 24, 1910	.....	December 31, 1910.....	6,734 20	.....
Dec. 22, 1909	Dec. 30, 1909	240 days from notification.....	109,639 67	.....
Dec. 22, 1909	Dec. 30, 1909	60 ".....	5,415 55	.....
Dec. 22, 1909	Dec. 30, 1909	90 ".....	11,940 00	.....
Dec. 22, 1909	Dec. 30, 1909	180 ".....	18,910 00	.....
Dec. 22, 1909	Dec. 30, 1909	120 ".....	9,770 00	.....
Dec. 28, 1909	Dec. 28, 1909	.....	10,000 00	.....



STATEMENT  
OF  
REVENUES AND DISBURSEMENTS

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ACCOUNT

WITH

THE CITY OF NEW YORK

AND

BALANCE SHEET FOR DECEMBER 31, 1909



## STATEMENT.

OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS AND FERRIES  
FOR THE YEAR ENDING DECEMBER 31, 1909.

## I.—REVENUE:

1. Amount of accrued rents uncollected December 31, 1908, as per report for the year ending that date.....		\$6,459 76
2. Rents accrued during the year 1909 from leased City wharf property and for land under water covered by wharf improvements erected by permission of the Department .....	\$3,341,980 06	
3. Wharfage collected within the year from unleased City wharf property.....	210,593 43	3,552,573 49
4. Leases of ferry franchises and City wharf property used for ferry purposes.....		303,484 15
5. Receipts from operation of Municipal Ferry (Staten Island) traffic.....	678,428 10	
6. Receipts from operation of Municipal Ferry (Staten Island) privileges.....	43,848 20	722,276 30
7. Receipts from operation of Municipal Ferry (39th street, South Brooklyn) traffic.....	173,588 59	
8. Receipts from operation of Municipal Ferry (39th street, South Brooklyn) privileges.....	2,867 56	176,456 15
9. Miscellaneous receipts.....		25,686 59
10. Claims for unpaid rents placed in hands of the Corporation Counsel, prior to December 31, 1908, collected during the year 1909.....		17,698 40
Total.....		<u>\$4,804,634 84</u>

## II.—DISTRIBUTION:

*Cash—*

Deposited during the year 1909 with the City Chamberlain:

1. To credit of the Sinking Fund for the redemption of the City debt.....	\$3,547,191 13
2. To credit of the Sinking Fund for the payment of the interest on the City debt.....	1,219,716 60
3. To credit of the Dock Fund.....	25,458 25
4. To credit of the General Fund.....	228 34
Total amount deposited with the City Chamberlain.....	<u>\$4,792,594 32</u>
Claims sent to the Corporation Counsel for collection .....	1,065 00
Sundry unpaid rents, December 31, 1909.....	10,975 52
Total.....	<u>\$4,804,634 84</u>

## REVENUE FROM LEASED WHARVES AND WHARFAGE SHOWN BY BOROUGHS

Manhattan .....	\$3,454,510 09
Bronx .....	11,691 25
Brooklyn .....	73,697 67
Queens .....	12,280 16
Richmond .....	394 32
Total.....	<u>\$3,552,573 49</u>

## DOCK BONDS.

Total amount of Dock Bonds and Corporate Stock of the City of New York, issued by direction of the Commissioners of the Sinking Fund and Board of Estimate and Apportionment for the uses and purposes of the Department, from the date of organization, May 1, 1870, to December 31, 1909.....\$108,367,970 52

## DOCK FUND.

## I.—RECEIPTS:

1. Amount of Corporate Stock issued by direction of the Commissioners of the Sinking Fund.....	\$10,110,548 52	
2. Amount of premium on Corporate Stock sold by the Comptroller.....	71,278 90	
3. Amount received during the year, for the uses and purposes of the Department, being reimbursements for the cost 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.....	25,458 25	
4. Overdraft on the Comptroller, December 31, 1909...	1,470,307 32	
	<u>\$11,677,592 99</u>	
Less overdraft on the Comptroller, December 31, 1908, as per report for year ending December 31, 1908..	313,382 47	
		<u>\$11,364,210 52</u>

## II.—EXPENDITURES:

Amount of bills and claims audited during the year ending December 31, 1909, 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, including Ferries—

For bills and claims audited, as per Schedule B..... \$5,488,279 62

As per Schedule C:

Salaries audited on Construction Account ..... 275,097 40

Weekly pay rolls of Captains, Engineers, Crews and Watchmen on floating property, Dock Builders, Laborers, Blacksmiths, Carpenters and Masons, etc., on Construction Force ..... 1,266,499 83

\$7,029,876 85

## 2. For Repairs and Maintenance, including Ferries—

For bills and claims audited, as per Schedule D..... \$917,241 89

As per Schedule E:

Salaries of Maintenance Force.... 59,865 01

Salaries of Recreation Pier Attendants, etc..... 22,410 60

Salaries of Municipal Ferries Force 694,333 61

Weekly pay rolls of Dock Builders, Watchmen, Carpenters, Inspectors and Engineers, etc., on Repairs and Maintenance Force... 520,719 15

2,214,570 26

## 3. For Annual Expense—

For bills and claims audited as per Schedule F..... \$3,854 51

As per Schedule G:

Salaries of officers and appointees. 86,822 42

90,676 93

## 4. For Acquired Property—

For property acquired as per Schedule H..... 2,029,086 48

\$11,364,210 52

## SUMMARY OF FINANCIAL TRANSACTIONS FOR THE YEAR ENDING DECEMBER 31, 1909

Corporate Stock issued during the year for the uses and purposes of the Department	\$10,110,548 52	Deposited in the National City Bank to the credit of the City Chamberlain, viz:	
Premium on Corporate Stock sold by Comptroller.....	71,278 90	For account of the Sinking Fund for the redemption of the City debt.....	\$3,547,191 13
Amount received from sundry leases and permits for the use and occupation of wharf property.....	3,336,597 70	For account of the Sinking Fund for the payment of the interest on the City debt.....	1,219,715 90
Wharfage collected at open piers and bulkheads.....	210,593 43	For account of the General Fund for the reduction of taxation.....	228 34
Amount received from ferry rents and franchises.....	320,983 45	Overdraft on Comptroller, December 31, 1908.....	313,382 47
Amount received from operation of Municipal Ferries—		Bills and claims audited for wharf property purchased, for material and supplies furnished and for services rendered, viz:	
Staten Island Division....	722,276 30	On Construction Account, including ferries.....	7,029,876 85
South Brooklyn Division...	176,456 15	On Acquired Property Account.....	2,029,086 48
Amount received for use of Department plant and for repairs, etc., made for lessees and others.....	12,431 00	On Repairs and Maintenance Account, including ferries.....	2,214,570 26
Amount received from sale of filling-in privileges....	11,623 75	On Annual Expense Account	90,676 93
Amount received from sale of old material.....	1,222 12		
Interest and costs.....	228 34		
Miscellaneous receipts.....	181 38		
Overdraft on Comptroller, December 31, 1909.....	1,470,307 32		
	<u>\$16,444,728 36</u>		<u>\$16,444,728 36</u>

## BALANCE SHEET, DECEMBER 31, 1909.

Acquired property.....	\$32,321,192 79	The City of New York.....	\$34,454,169 45
Floating plant (as per Schedule I).....	3,456,802 00	Dock Fund.....	1,470,307 32
Contingent Fund.....	2,000 00		
Unpaid rents in hands of Corporation Counsel for collection (as per Schedule J).....	133,506 46		
Sundry unpaid rents.....	10,975 52		
	<u>\$35,924,476 77</u>		<u>\$35,924,476 77</u>

## SCHEDULE A.

## LEDGER BALANCES, DECEMBER 31, 1900.

Dr.	LEDGER FOLIO.		Cr.
\$32,321,192 79	2	Acquired Property.....	
90,676 93	4	Annual Expense.....	
6,399,791 19	6	Construction.....	
669,855 40	8	Repairs and Maintenance.....	
	10	Dock Fund.....	\$1,495,765 57
	12	Dock and Slip Rent.....	3,552,573 49
	14	City of New York.....	33,896,468 99
4,792,594 32	16	City Chamberlain.....	
	19	Ferry Rent.....	303,484 15
2,000 00	22	Contingent Fund.....	
	22	Costs.....	228 34
3,456,802 00	23	Floating Plant.....	
133,506 46	26	Unpaid Rents in hands of Corporation Counsel for Collection.....	
	29	Repairs, etc., for lessees and others.....	12,431 00
	30	Municipal Ferry Receipts, South Brooklyn.....	176,456 15
	31	Sale of Filling-in Privileges.....	11,623 75
	32	Sale of Old Material.....	1,222 12
	33	Miscellaneous Receipts.....	181 38
630,085 66	34	Ferry Construction.....	
1,544,714 86	35	Ferry Maintenance.....	
	38	Municipal Ferry Receipts, Staten Island.....	722,276 30
138 09	133	Eltz & Son, J.....	
25 00	159	Gilbert, Mrs. Ann.....	
900 00	167	Holland American Line.....	
423 75	186	Herbert, H. L. & Co.....	
150 00	200	Knauss, Frank M.....	
75 00	212	Karonsky, B., & Co.....	
1,000 00	257	Manhattan Navigation Co.....	
3,125 00	272	New England Navigation Co.....	
	301	Vouchers Payable.....	11,375,249 46
7,985,029 48	315	Corporate Stock Authorized.....	
	316	Reserve for Corporate Stock Authorized.....	7,985,029 48
1,495,765 57	317	Corporate Stock Fund Reserve.....	



DR.	LEDGER FOLIO.		CR.
1,897,042 73	318	Contracts.....	
	319	Contract Reserve.....	1,897,042 73
11,254 46	320	Open Market Orders.....	
	321	Open Market Orders Reserve.....	11,254 46
6,074,683 96	322	Miscellaneous Claims.....	
	323	Miscellaneous Claims Reserve.....	6,074,683 96
27 50	369	Rodgers, John Co.....	
450 00	379	Silver Point Ice Co.....	
425 00	390	Seaboard Contracting Co.....	
886 18	397	Smith, Anning J.....	
600 00	429	Thomas Conville Brewing Co.....	
2,750 00	431	Union Ferry Co.....	
<u>\$67,515,971 33</u>			<u>\$67,515,971 33</u>

## SCHEDULE B.

## BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

## ADVERTISING

Democracy .....	\$130 00	
Evening Mail.....	684 80	
Journal of Commerce and Commercial Bulletin.....	232 80	
New York Times.....	748 00	
New Yorker Staats Zeitung.....	758 40	
Tammany Times.....	148 00	
The Globe.....	617 20	
The Sun .....	621 60	
		<u>\$3,940 80</u>

## BUILDING FERRY TERMINALS, ARCHITECTS' FEES, ETC.

deB. Parsons, H.....	\$1,633 33	
DeHart & Stafford.....	142 50	
Maurer & Son, Henry.....	32 85	
Millard, J. W.....	7,400 00	
Post & Sons, Geo. B.....	7,000 00	
Prescott, Arthur T.....	6,450 00	
Snare & Triest Company.....	598,641 70	
Walker & Morris.....	3,041 59	
		<u>\$624,341 97</u>

## BUILDING PIERS, BULKHEADS, ETC.

Barwick, Thomas.....	\$6,000 00	
McHarg-Barton Co.....	143,621 23	
Maryland Steel Company.....	792,062 85	
North Eastern Construction Co.....	316,708 64	
Phoenix Construction Co.....	48,427 14	
Snare & Triest Co.....	706,225 80	
Staats, R. P. and J. H.....	895,052 01	
Wheeler, Harry R.....	98,711 23	
Young, Roger L.....	8,483 96	
		<u>\$3,015,292 86</u>

## COAL.

Farrell & Son, William.....	\$10,488 83	
Haff, William P. W.....	19,963 64	
Pattison & Bowns.....	9,278 84	
		<u>\$39,731 31</u>

## DRAWING MATERIALS, SURVEYORS' INSTRUMENTS, ETC.

Boettner, Chapman Co.....	\$60 00	
J. W. Pratt Co.....	2,067 62	
Keuffel & Esser Co.....	638 75	
N. Y. Blue Print Paper Co.....	506 00	
		<u>\$3,272 37</u>

## DREDGING.

Morris & Cummings Dredging Co.....	\$1,305,074 75	
W. H. Beard Dredging Co.....	37,956 69	
R. G. Packard Company.....	16,312 41	
Newark Meadows Improvement Co.....	2,604 19	
		<u>\$1,361,948 04</u>

## IRON, STEEL, WASHERS, SPIKES, CASTINGS, ETC.

Abeel Brothers.....	\$906 00	
Blaine Contracting & Supply Co.....	3,641 96	
Larkin & Co., J. K.....	6,639 37	
Manhattan Supply Co.....	2,064 30	
Ogden, J. Edward.....	33,516 86	
Superintendent State Prisons.....	929 14	
		<u>\$47,697 63</u>

## LUMBER AND PILES.

Gillespie & Co., D. L.....	\$30,088 61	
Hirsch Lumber Co.....	104,222 31	
Jacobson & Son, Arthur.....	6,678 84	
John C. Orr Co.....	3,055 07	
Nichols, Charles K.....	9,504 72	
		<u>\$153,549 55</u>

MACHINERY, WORKMAN'S TOOLS AND MAINTENANCE OF DEPARTMENT YARDS AND  
FLOATING PLANT.

Armstrong Cork Co.....	\$375 00
Blaine Contracting & Supply Co.....	905 12
Crocker-Wheeler Co.....	91 90
Constant, Peter J.....	941 79
Duffy, Joseph D.....	97 65
Durkee & Co., Chas. D.....	10 00
Detroit Boat Co.....	427 00
Ferro-Machinery & Foundry Co.....	24 00
John W. Sullivan Co.....	325 00
Manhattan Supply Co.....	2,890 40
Ogden, J. Edward.....	21,526 28
Ronalds & Johnson Co.....	222 85
Superintendent State Prisons.....	351 14
Shewan & Sons, James.....	3,760 83
Sharlow Brothers.....	1,368 71
Staten Island Shipbuilding Co.....	233 00
	\$33,550 67

MISCELLANEOUS.

American Ice Co., ice.....	\$2,586 51
Annin & Company, flags.....	141 40
Browning, O. F., photographs.....	12 75
Baltimore Enamel & Novelty Co., signs.....	133 30
Bussell, Arthur F., services.....	143 75
Boyle & Co., John, awning material.....	22 27
Contingent Fund, employees' carfares, etc.....	9,745 13
Columbia Rope Co., oakum, etc.....	1,065 63
Cambell & Gardner, Custom House papers.....	70 00
Cory & Son, Chas., speaking-tubes.....	26 48
Clarke, Baker Co., cabinet.....	49 25
Department of Correction, brooms.....	87 66
Friez, Julian P., forms.....	10 50
Hyde, E. Belcher, atlases.....	40 00
Helck, Henry P., repairing clocks.....	24 00
Healey, Martin H., claim.....	3,300 00
International Helpa-Phone Co., helaphones.....	27 00
Kanouse Mountain Water Co., water.....	208 50
Mutual Towel Supply Co., towels, etc.....	239 00
Manhattan Rubber Manufacturing Co., rubber strips.....	16 10
M. B. Foster Electric Co., electrical supplies.....	332 57
Murray & Co., repairs.....	14 50
New York & New Jersey Telephone Co., telephone service..	174 64
New York Edison Co., electric light.....	2,587 89
New York Telephone Co., telephone service.....	6,733 45
New York Multi-Color Copying Co., blue prints.....	310 50
Ogden, J. Edward, glass.....	28 90
Obrig Camera Co., photographic supplies.....	199 70

Parsons, Henry C., maps.....	\$76 00	
Riehle Bros. Testing Machine Co., moulds.....	170 00	
Remington Typewriter Co., typewriters.....	182 50	
Superintendent State Prisons, furniture, etc.....	488 01	
Soltman, E. G., maps.....	65 00	
Stillman, Thomas B., analyses.....	496 00	
Schuster, John C., services.....	143 75	
Secretary of State, maps.....	54 30	
Trow Directory Printing & Bookbinding Co., directories....	26 50	
Underwood Typewriter Co., typewriter, etc.....	101 50	
Vulcan Rail & Construction Co., iron shelters.....	227 00	
		<hr/>
		\$30,361 94

## PAINTS AND OILS.

Baltimore Copper Paint Co.....	\$508 00	
Blaine Contracting & Supply Co.....	2,916 50	
Hughes, Joseph J.....	5,915 99	
L. Sonneborn Sons, Inc.....	465 00	
Manhattan Supply Co.....	619 70	
Patterson-Sargent Co.....	337 50	
Rohde, Henry W.....	185 00	
Standard Oil Co.....	375 00	
T. C. Dunham, Inc.....	135 00	
Wilson, O. C. & K. R.....	12 50	
		<hr/>
		\$11,470 19

## PAVING.

Barber Asphalt Paving Co.....	\$2,926 36	
Phoenix Construction Co.....	700 00	
Sicilian Asphalt Paving Co.....	12,364 56	
United States & Venezuela Co.....	8,804 96	
Uvalde Asphalt Paving Co.....	1,571 20	
		<hr/>
		\$26,367 08

## PRINTING AND STATIONERY.

Bratter & Co., William.....	\$1,729 90	
Cassidy, John.....	4,879 53	
Gerry & Murray.....	1,414 55	
Martin B. Brown Co.....	738 85	
Montross & Clarke Co.....	287 90	
Wynkoop Hallenbeck Crawford Co.....	3,011 18	
		<hr/>
		\$12,061 91

## ROPE.

Manhattan Supply Co.....	\$8,498 51	
Ogden, J. Edward.....	5,196 64	
		<hr/>
		\$13,695 15

## SAND, CEMENT, BROKEN STONE, RIP RAP, GRANITE, ETC.

Brown & Fleming Contracting Co.....	\$278 63	
Conklin, Jacob E.....	20,565 72	
Gallagher Bros., Assignees.....	1,165 12	
Goodwin Sand & Gravel Co.....	2,000 16	
John P. Kane Co.....	35,600 40	
McGrath & Co., Michael.....	1,779 11	
Manhattan Trap Rock Co.....	4,231 68	
Massachusetts Bonding & Insurance Co.....	2,247 75	
O'Brien Brothers.....	22,948 73	
Phoenix Construction Co.....	389 25	
Ryan-Parker Construction Co.....	7,051 50	
		<u>\$98,258 05</u>

## TOWING.

Flannery Towing Line.....	\$8,915 46	
Flannery, Thomas.....	3,824 64	
		<u>\$12,740 10</u>
		<u>\$5,488,279 62</u>

## SCHEDULE C.

## SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

Allen N. Spooner.....	\$3,750 00
Denis A. Judge.....	2,250 00
William C. Blaney.....	999 96
Charles J. Farley.....	1,999 98
William E. Bailey.....	1,000 00
Thomas F. Creegan.....	925 00
John McKenzie.....	950 00
William A. Ross.....	600 00
John O. Farrell.....	2,000 00
James Rafferty.....	600 00
Charles H. Hall.....	1,975 00
Charles W. Staniford.....	10,000 00
Sidney W. Hoag, Jr.....	6,000 00
Charles E. Trout.....	4,000 00
William Lansing, Jr.....	3,749 94
Joel J. Penoff.....	3,749 94
Romeo T. Betts.....	3,541 64
John M. Stewart.....	3,583 31
Hiram C. Calkins.....	2,800 00
John A. Duntze.....	2,293 55
Philip Guise.....	2,425 00
Isaac J. Stander.....	2,700 00
William G. Johnson.....	2,350 00
William H. Cherry.....	2,300 00

Francis T. O'Keefe.....	\$2,275 00
Traugott F. Keller.....	2,275 00
Max Raymond.....	2,275 00
Samuel A. Moore.....	2,250 00
Robert A. Wimmer.....	2,325 00
William F. Brendlin.....	2,100 00
William C. Crosby.....	2,100 00
Melchior Lenke.....	2,150 00
John P. Nordstrom.....	2,100 00
Abraham D. Wegman.....	2,100 00
Frederick R. W. Cleverdon.....	2,150 00
William J. Crowley.....	2,300 00
John J. Finn.....	1,925 00
Edward P. Herrmann.....	1,925 00
Henry Irving.....	1,925 00
Stephen E. Meagher.....	2,000 00
Charles B. Wintersteen.....	1,800 00
John J. Brice.....	1,500 00
George W. Weir.....	1,800 00
Arthur Mimnaugh.....	1,800 00
Horace B. Loomis.....	1,800 00
J. Frank Johnson.....	1,800 00
John T. Hilton.....	1,725 00
Robert P. McBride.....	1,425 00
Richard W. McDonald.....	1,425 00
Anthony E. Hoffmann.....	682 26
Henry A. Howland.....	1,350 00
William H. Reilly.....	1,350 00
John T. Walsh.....	1,350 00
Louis Wenzel.....	1,350 00
Ralph H. Baxter.....	1,080 00
John T. Bermingham.....	1,080 00
Daniel A. Crowley.....	1,080 00
Peter F. Daly.....	1,360 00
James C. Darby.....	1,080 00
James W. Dikeman, Jr.....	1,080 00
John J. Kiernan.....	1,080 00
Gottlieb Lange.....	1,080 00
Thomas F. Lynch.....	1,080 00
Edward A. Malmquist.....	1,080 00
Willis A. Morton.....	1,080 00
Frank Moss.....	1,080 00
Charles Schultz.....	1,080 00
Samuel Shapiro.....	917 42
Daniel Sullivan.....	1,080 00
William J. F. Sullivan.....	1,080 00
Edward J. White.....	1,195 00
Alexander J. Zinner.....	1,080 00
August Strittmatter.....	1,035 00
Mark T. Hays.....	1,080 00

John R. Lambert.....	\$1,080 00
Patrick F. Crowley.....	1,800 00
John T. L. Doughty.....	1,575 00
Charles W. Thompson.....	1,575 00
Alexander M. Goge.....	1,800 00
Robert M. Kid.....	2,025 00
William T. Doran.....	1,800 00
Hugh F. McLaughlin.....	1,600 00
Herman A. Martens.....	1,683 30
Emil A. Nordstrom.....	1,600 00
Elias Cahn.....	1,450 00
John P. Clarke.....	1,544 45
Joseph Gaffney.....	1,350 00
Samuel Geduld.....	1,600 00
John W. Grolz.....	1,416 59
Louis Koenig.....	1,600 00
Abraham Laredo.....	1,600 00
Alfred R. Loweth.....	1,800 00
Joseph A. Meehan.....	1,370 83
Herman A. Ruge.....	1,800 00
John J. Herrick.....	4,000 00
Albert J. Mickley.....	3,455 52
Andrew J. Hudson.....	450 00
Israel Benjamins.....	1,800 00
George W. Carpenter.....	1,500 00
Edward S. Keen.....	1,500 00
Charles Halter.....	1,200 00
John G. Kennedy.....	1,200 00
Thomas P. McDonough.....	1,325 00
Jacob Miller.....	1,400 00
William Mulholland.....	1,200 00
Edward J. Murphy.....	1,350 00
George Murphy.....	1,200 00
Peter Shaw.....	1,200 00
Thomas H. Spooner.....	1,450 00
John Winters.....	1,425 00
Henry C. Freeman.....	3,000 00
Berthold Sommer.....	3,000 00
Lucius C. Higgins.....	2,700 00
Thomas B. Boone.....	991 94
Arthur Casson.....	1,950 00
Charles M. Clark.....	1,800 00
Nicholas Deevy.....	525 00
Edward F. Lacey.....	1,800 00
David H. Lane.....	2,000 00
Thomas J. Macvey.....	1,800 00
Patrick O'Sullivan.....	1,766 13
Harry Brady.....	1,200 00
Clarence I. Goudey.....	1,200 00
James A. McGuire.....	1,200 00

August Schott.....	\$1,375 00
John A. Skelly.....	1,137 50
Vincent F. Amar.....	1,025 00
Frank G. Connolly.....	792 50
James F. Duffy.....	925 00
Abraham Malinoff.....	925 00
Sanford N. Raizen.....	975 00
Benjamin Cohen.....	825 00
John T. Kelly.....	825 00
Albert J. Teller.....	101 61
Frederick T. Ealand.....	1,500 00
John A. Greegan.....	1,550 00
Edward J. McMenamin.....	1,500 00
James P. Martin.....	1,500 00
George M. Avent.....	1,250 00
Thomas V. McGloin.....	1,000 00
Edward F. Barrett.....	1,000 00
Robert M. Sterritt.....	1,800 00
Edward E. McCarney.....	1,869 35
August Goldner.....	1,800 00
John J. Keefe.....	1,800 00
Frank Coughlin.....	1,800 00
William H. Cunliffe.....	1,350 00
James McCabe.....	750 00
Thomas E. Reynolds.....	750 00
Frank J. Gregory.....	1,200 00
John J. Bergin.....	500 00
Thomas E. Brady.....	1,200 00
John T. Havanagh.....	909 68
Edmund K. Stephens.....	1,200 00
Charles A. Pertain.....	1,200 00
Freeman F. Huntington.....	1,000 00
George Krug, Sr.....	1,850 00
Daniel J. Donohue.....	987 10
Arthur F. Bussell.....	968 75
John C. Schuster.....	906 25
Patrick J. Kadian.....	464 52
Abraham Nott.....	462 90
Joseph A. Maceda.....	454 84
Clarence M. J. Crysler.....	675 00
Louis S. Kellogg.....	1,400 00
Patrick Cunningham.....	783 87
Edward J. Monroe.....	612 50
James J. Reilly.....	350 00
James A. Molloy.....	300 00
William R. Ahmuty.....	414 92
Edmund D. Johnstone.....	400 00
James J. Keenan.....	175 00



John J. Colleton.....	\$185 00	
James P. Quinn.....	49 35	
		\$275,097 40
Weekly pay-rolls of mechanics, laborers, watchman, etc.....		1,266,499 83
Total.....		\$1,541,597 23

## SCHEDULE D.

BILLS AND CLAIMS AUDITED ON REPAIRS AND MAINTENANCE ACCOUNT.  
ADVERTISING.

Brooklyn Union Publishing Co.....	\$16 64	
Brooklyner Freie Presse.....	14 56	
Brooklyn Daily Times.....	16 64	
Brooklyn Citizen.....	18 08	
Brooklyn Eagle.....	14 56	
Democracy .....	74 00	
Evening Mail.....	351 60	
Journal of Commerce and Commercial Bulletin.....	45 60	
L'Araldo Italiano.....	27 00	
New Yorker Staats-Zeitung.....	395 20	
New York Times.....	329 60	
Richmond County Herald.....	6 20	
Staten Islander.....	1 20	
Staten Island World.....	4 80	
The Globe.....	346 00	
The Sun.....	338 00	
Tammany Times.....	73 20	
		\$2,072 88

## CARTING AND SPRINKLING.

Corrigan, P. F.....	\$5,621 95	
Goss, S. F.....	12,668 39	
Hart, John E.....	1,800 00	
Kane & Son, M.....	836 50	
O'Connell, Patrick J.....	6,961 50	
Thompson Bros., Inc.....	9,777 45	
Traynor, John.....	961 67	
Wacker & Flannigan.....	17,434 17	
		\$56,061 63

## COAL.

Curtis-Blaisdell Company.....	\$157,288 11	
North River Coal Company.....	156,018 17	
Pattison & Bowns.....	59,953 66	
Peale, Peacock & Kerr.....	807 00	
		\$374,066 94

## LIGHTING.

Edison Electric Illuminating Co. of Brooklyn .....	\$7,127 76
New York Edison Company .....	14,113 06
New York & Richmond Gas Co. ....	34 31
Queens Borough Gas & Electric Co. ....	26 13
Richmond Light & Railroad Co. ....	22,892 68
United Electric Light & Power Co. ....	990 39

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 \$45,184 33

## MISCELLANEOUS.

American Ice Co., ice .....	\$105 00
Anin & Company, flags .....	246 90
American Bank Note Co., tickets .....	873 25
American Railway Supply Co., punches .....	54 00
Art Metal Construction Co., filing cases, etc. ....	1,700 00
Boyes, Wm. H., disinfectants .....	146 65
Blaine Contracting & Supply Co., supplies .....	687 35
Brooklyn Automobile Co., storage .....	132 00
Contingent Fund, employees' carfares, etc. ....	4,615 35
Campbell, Wm. H., wharfage tickets .....	840 00
Cordner & Flinn, repairs, etc. ....	943 80
Coakley Supply Co., supplies .....	535 21
Cassidy & Sons Mfg. Co., chandeliers .....	110 00
Columbia Lubricants Co. of N. Y., engine oil .....	52 50
Cedarhurst Motor Livery Co., storage .....	95 00
DeBarbieri, Jas., ice .....	982 87
Diamond Rubber Co., tires, etc. ....	582 60
Department of Correction, brooms, etc. ....	1,075 70
Daniels & Rutstein, frames, etc. ....	40 00
E. R. Merrill Co., repairs .....	25 00
F. W. Devoe & C. T. Reynolds Co., paints .....	139 31
Home Rubber Co., matting .....	12 00
Hall's Safe Co., safe .....	153 50
Kanouse Mountain Water Co., water .....	282 90
Kush, Max, linoleum .....	150 34
Lord & Taylor, shades .....	39 00
Lederle Laboratories, analyses .....	400 00
Locomobile Co. of America, repairs, etc. ....	996 07
Mutual Towel Supply Co., towels, etc. ....	839 25
New York & New Jersey Telephone Co., telephone service..	2,005 74
New York Bank Note Co., tickets .....	407 50
New York Telephone Co., telephone service .....	3,030 39
N. Stafford Company, buttons .....	166 00
New York Terminal Co., charter of ferryboat .....	6,720 00
Ogden, J. Edward, cleaners' supplies, etc. ....	507 75
Oliver Typewriter Co., typewriter .....	109 35
Patterson Bros., hardware .....	109 95
Pinkerton's National Detective Agency, services .....	837 36
Remington & Sherman Co., safes .....	340 00

Superintendent State Prisons, brooms, furniture, etc.....	\$2,511 80
Stillman, Thos. F., analyses.....	440 00
Stanley & Patterson, electrical supplies.....	51 13
Stromberg Motor Devices Co., carbureter.....	30 00
Sharpe, Wm. M., tires, etc.....	963 17
Smith-Haines, brass bumpers.....	30 00
Sheppard, Knapp & Co., linoleum.....	70 00
Taylor, W. E., repairing clocks.....	29 50
Underwood Typewriter Co., typewriter.....	68 50
Underhill, Clinch & Co., lawn mower.....	13 00
Vallely, P. W., desk.....	49 00
Voorhees Rubber Mfg. Co., hose.....	98 25
Western Electric Co., electrical supplies.....	250 35
	<hr/>
	\$35,694 29

## MUSIC.

Bent, Frederick W.....	\$777 00
Bley, William.....	882 00
Boswald, Chas.....	882 00
Berger, Samuel.....	672 00
Brunno, Joseph.....	672 00
Beggs, James.....	672 00
Bayne's 69th Regiment Band.....	882 00
Burns, Owen C.....	882 00
Berger, Jack.....	672 00
Berlinghoff, P.....	672 00
Borst, Robert.....	336 00
Borjes, Louis.....	336 00
Canavan, Edward.....	882 00
Cooper, Thomas F.....	882 00
Crowley's 8th Regiment Band.....	672 00
Coughlin, John.....	672 00
Costello, Michael J.....	672 00
Conterno, Louis.....	672 00
Cicio, Anthony V.....	336 00
Carlisle, Edward J.....	336 00
Connelly, William J.....	336 00
Carroll, Francis T.....	672 00
Canavan, James L. J.....	672 00
D'Aquin, Gustave.....	992 00
DeVito, Mario.....	336 00
Eller, Chas. Paul.....	882 00
Eben, Lambert L.....	672 00
Ellenson, M.....	336 00
Farrell, Charles.....	882 00
Friedman, Harry.....	672 00
Friedgen's Band.....	672 00
Frey, Max.....	336 00
Fuller, Geo. E.....	672 00
Flaherty, Thos. F.....	336 00

Ferry, F.....	\$672 00
Gegenbach, John C.....	777 00
Golub, A.....	336 00
Gensler, August O.....	669 00
Gillen, D. E.....	672 00
Henry Liff Military Band.....	882 00
Henneberg, Paul.....	882 00
Humphrey, Geo. L.....	672 00
Habernicht, Aug. J.....	672 00
Kappel, Chas. F.....	336 00
Kaufman, J.....	336 00
Kruse, Henry.....	672 00
Johnson, Eugene A.....	672 00
Keating's Soloists.....	672 00
Lederhans, August.....	882 00
Levdansky, W.....	672 00
Merrick, John J.....	672 00
Mygrant, W. S.....	879 00
Muller, John.....	672 00
Müller, Joseph H.....	672 00
McAuliffe, Felix S.....	777 00
Medina, Joseph F.....	882 00
Moore, Geo. F.....	672 00
Mand, John.....	672 00
Monroe Conservatory of Music.....	336 00
Morton, John T.....	336 00
McGarry, John P.....	336 00
Metzger, W. H.....	672 00
Nicastro, Louis.....	672 00
Owens, J. T.....	672 00
O'Donnell Bros.....	333 00
Petermann, J. H.....	672 00
Pemoyer, Otto G.....	672 00
Ryan, M. J.....	672 00
Reichert, Aug. J.....	333 00
Stoever, Aug.....	672 00
Seifferth, Geo.....	672 00
Schwartz, Morris.....	672 00
Schmidt, Max.....	672 00
Shannon, Thos. F.....	672 00
Seitz, Emil R.....	672 00
Styles, Wm. J.....	669 00
Schwartz, William.....	882 00
Somerset, William.....	882 00
Slavin, Jos. T.....	336 00
Stevenson, E. C.....	336 00
Schaefer, Herman.....	336 00
Stretz's Orchestra.....	672 00
Timpone, Albert J.....	882 00
Thompson, Frank E.....	336 00

Usher, Thomas F.....	\$882 00	
Van Baar, Chas. L.....	879 00	
Ward, Thos. P.....	882 00	
Wilson, J. Thorn.....	879 00	
Watman, A.....	336 00	
Wechsler, Benjamin.....	336 00	
Weiss, Jacob.....	672 00	
Wild, David J.....	672 00	
Zinsmeister, Jac.....	336 00	
		<hr/> \$59,246 00

## PRINTING AND STATIONERY.

Cassidy, John.....	\$76 60	
Eaton & Gettinger.....	9 60	
Gerry & Murray.....	302 20	
Martin B. Brown Co.....	9 00	
Montross & Clarke Co.....	584 45	
O'Rourke & Co., F. F.....	63 45	
Whiting, F.....	36 00	
		<hr/> \$1,081 30

## REPAIRING, PAINTING AND MAINTENANCE OF FERRYBOATS AND TERMINALS.

Atwood, Geo. F.....	\$375 00
Automatic Supply Co.....	31 50
Ashcroft Manufacturing Co.....	20 20
Avery Copper Mfg. Co.....	22 00
American Steam Gauge Valve Mfg. Co.....	20 00
Anchor Packing Co.....	962 55
Barron & Co., J. S.....	381 72
B. F. Sturtevant Co.....	20 00
Blanchite Paint Co.....	98 50
Brooklyn Lumber Co.....	2,497 33
Babcock & Wilcox Co.....	2,584 17
Blaine Cont. & Supply Co.....	3,241 63
Berwick Flash Light Signal Co.....	225 00
Croton Water Co.....	36 25
Callie Chemical Co.....	31 25
Cambell & Gardiner.....	100 00
Cook & Cokefair.....	300 00
Chrystie Iron Works.....	1,211 00
Cory & Son, Chas.....	249 09
Crandall Packing Co.....	190 00
Driggs, Frederick E.....	738 00
Diamond Rubber Co.....	562 50
Donegan & Swift.....	41 50
Excello Arc Lamp Co.....	231 10
General Electric Co.....	41 60
Griscom, Spencer Co.....	284 20
German-American Electric Co.....	57 00
Henry J. McCoy Co.....	52 02

Hazard Mfg. Co.....	\$19 30
Hegeman & Ward.....	73 71
John W. Sullivan Co.....	39,847 87
Johnson & Higgins.....	49,557 50
Jeffrey Mfg. Co.....	75 60
John A. Roebing's Sons Co.....	73 80
Kahnweiler's Sons, David.....	957 50
Katzenstein & Co., L.....	704 50
Larkin & Co., J. K.....	7,584 63
L. Sonneborn Sons, Inc.....	100 50
Lebedjeff & Co.....	54 25
Lyons, Nathan.....	26 00
Lenher Engineering Co.....	81 00
Manhattan Supply Co.....	1,633 29
M. B. Foster Electric Co.....	969 71
Moran Towing & Trans. Co.....	287 50
Marxs & Jacobson.....	15 00
Manning, Maxwell & Moore.....	25 20
Martie & Herpel.....	10 00
M. Hanrahan.....	35 15
Neal & Scott Co.....	381 48
Nassau Steel & Iron Works.....	450 00
N. Y. Lubricating Oil Co.....	300 00
Ogden, J. Edward.....	10,325 71
Otis Elevator Co.....	303 25
Oliver, Robert.....	500 00
Platt & Washburn Refining Co.....	380 28
Phinotas Chemical Co.....	114 00
Pennsylvania Flexible Tubing Co.....	136 00
Pyrene Extinguisher Co.....	216 00
R. J. Sovereign Co.....	135 00
Superintendent State Prisons.....	3,862 69
Shewan & Sons, James.....	74,877 01
Staten Island Rapid Transit Railway Co.....	5,276 80
Stanley & Patterson.....	444 15
S. Florry Mfg. Co.....	16 00
Staten Island Shipbuilding Co.....	1,380 00
Swan, Finch Co.....	332 10
T. R. McMann Co.....	618 18
Toch Brothers.....	162 90
Westinghouse Electric Mfg. Co.....	31 44
White Star Towing Co.....	20 00
Zundel, R. W.....	33 35
	<hr/>
	\$217,033 46

## REPAIRS AND DREDGING.

Baxter, John F.....	\$750 00
Henry DuBois Sons Co.....	19,492 87
Newark Meadows Improvement Co.....	2,021 08
Phoenix Construction Co.....	24,020 01

R. G. Packard Co.....	\$18,114 43	
Sicilian Asphalt Paving Co.....	13,635 08	
Taylor Dredging Co.....	29,188 36	
Uvalde Asphalt Paving Co.....	19,584 73	
		<u>\$126,806 56</u>
		\$917,247 39
Less deductions by the Comptroller in 1909 of vouchers audited in 1908....		<u>5 50</u>
		\$917,241 89

## SCHEDULE E.

## SALARIES AUDITED ON REPAIR AND MAINTENANCE ACCOUNT.

Charles A. Manly.....	\$4,102 73
Peter Woolley.....	2,500 00
Louis S. Kellogg.....	700 00
Thomas F. O'Rourke.....	2,000 00
Daniel A. Cusick.....	1,425 00
William J. O'Connor.....	1,550 00
Peter J. Kearney.....	1,800 00
Christopher McCann.....	1,800 00
James C. Daly.....	565 00
William J. Kessler.....	1,500 00
Jeremiah Crowley.....	1,200 00
Thomas C. Carroll.....	1,200 00
Daniel Troy.....	900 00
Hubert G. Welch.....	900 00
Winifred Cooper.....	540 00
Ellen Dolan.....	540 00
Mary A. Gaffney.....	540 00
Mary F. Meyer.....	540 00
Elizabeth V. Scanlon.....	540 00
Elizabeth Smith.....	540 00
Stephen J. Fallon.....	900 00
John Healy.....	900 00
Joseph Kinsler.....	900 00
James F. O'Brien.....	900 00
Francis J. Maher.....	1,375 00
Patrick Joseph O'Brien.....	1,375 00
Albert T. Wagner.....	1,375 00
Joseph J. Madden.....	907 26
John R. Powers.....	1,250 02
Edward Abeel.....	1,050 00
Gerard Bancker.....	1,050 00
Walter O. Bollas.....	1,050 00

Thomas E. Booth.....	\$1,050 00
John J. Cauldwell.....	1,050 00
James H. Daly.....	1,050 00
John J. Donohue.....	1,050 00
Henry C. Dunham.....	1,050 00
James J. Fleming.....	1,050 00
Charles H. Greenfield.....	1,050 00
L. Hitch Harrison.....	1,050 00
Victor Heimbürger.....	1,050 00
Patrick Hennessy.....	1,050 00
Richard H. Lee.....	1,050 00
Edward McCrimlisk.....	1,050 00
James McMahon.....	1,050 00
Lawrence W. O'Connor.....	1,050 00
William H. Rockwell.....	1,050 00
George E. Rodgers.....	1,050 00
Joseph D. Vail.....	1,050 00
James Casey.....	900 00
Richard Cleary.....	900 00
Patrick H. Lydon.....	900 00
James T. Murray.....	900 00

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 \$59,865 01

James B. Julian.....	\$309 68
James A. Kelly.....	309 68
Thomas J. Kilimet.....	309 68
John J. Lahey.....	309 68
Thomas F. McCarthy.....	309 68
John A. McKenna.....	309 68
Frank McMahon.....	309 68
Thomas H. Magee.....	309 68
William Morris.....	309 68
John T. O'Hara.....	309 68
John F. Quinn.....	309 68
Joseph A. Reilly.....	114 92
Vincent J. Smith.....	309 68
Frederick D. Walker.....	309 68
Daniel Francis Walsh.....	309 68
Delia R. Ashley.....	206 45
Evelyn Beach.....	195 00
Frances L. Buchanan.....	204 84
Margaret Carmody.....	206 45
Minnie E. Carson.....	206 45
Lily Coulter.....	206 45
Kate Daly.....	206 45
Mary Daly.....	175 00
Nellie W. Doland.....	206 45
Florence Foye.....	206 45
Mary Harrington.....	206 45
Anna M. Hug.....	206 45
Annie Jennings.....	193 44



Elsie W. Kenny.....	\$206 45
Mary McArdle.....	206 45
Bridget McCarthy.....	206 45
Anna McGowan.....	206 45
Louise F. McKibbin.....	206 45
Kate Mallon.....	206 45
Helen Morrissey.....	206 45
Catherine Neidig.....	54 84
Margaret J. Noonan.....	196 77
Mary O'Connor.....	206 45
Mary Purdy.....	206 45
Josephine M. Quirk.....	206 45
Mary E. Riordan.....	206 45
Ida L. Schaefer.....	184 94
Ella J. Seymour.....	206 45
Mary A. Sheehan.....	206 45
Adelia Sheridan.....	206 45
Gertrude F. Skelling.....	206 45
Mary A. Sullivan.....	206 45
Mary A. Walsh.....	206 45
Carrie A. Zerbe.....	206 45
May Brennecke.....	185 80
Lucia Budd.....	185 80
Mary Dech.....	185 80
Elizabeth Devlin.....	185 80
Mary T. Harrington.....	185 80
Sarah T. Hendry.....	185 80
Helen E. Horman.....	185 80
Maria C. Johnson.....	185 80
Julia Keller.....	185 80
Jennie Kern.....	185 80
Margaret Larkin.....	185 80
Mary McCormick.....	185 80
Mary McMullen.....	182 90
Mary McNamara.....	185 80
Blanch O'Reilly.....	185 80
Frances Order.....	287 41
Isabelle M. Reilly.....	185 80
Alice Robinson.....	185 80
Josey Ryan.....	185 80
Katie Schebe.....	185 80
Dora Schwaninger.....	185 80
Elizabeth Stromberg.....	185 80
Lena Wein.....	185 80
Fanny Barry.....	115 79
Mary O'Brien.....	136 45
Thomas F. Allen.....	203 23
William Baird.....	307 26
Benjamin J. Becker.....	309 68
Edward F. Brennan.....	309 68

Joseph S. Burdett.....	\$309 68	
Michael Callaghan.....	309 68	
Eugene F. Cavanagh.....	210 49	
James H. Colligan.....	309 68	
Robert P. Conlin.....	309 68	
Edwin V. Dodge.....	309 68	
Vincent P. Donovan.....	333 87	
Eugene Focacci.....	309 68	
Joseph J. Fortune.....	309 68	
Henry E. Gabriel.....	309 68	
Percy L. Greenough.....	309 68	
John J. Halley.....	309 68	
Abraham F. Hazen.....	309 68	
Thomas L. Healy.....	309 68	
Edward D. Hedenkamp.....	309 68	
William J. Hennessy.....	284 84	
George Honecker.....	309 68	
Francis Conlon.....	262 26	
		\$22,410 60
Salaries for Municipal Ferry Force.....		694,333 61
Weekly pay-rolls of mechanics, laborers, watchmen, etc.....		520,719 15
		<hr/>
Total.....		\$1,297,328 37

## SCHEDULE F.

## BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE ACCOUNT.

Contingent Fund, employees' carfares, etc.....	\$1,173 76	
Democracy, advertising.....	11 60	
Evening Mail, advertising.....	32 00	
Gerry & Murray, stationery.....	493 00	
Legislative Index Publishing Co., subscription.....	125 00	
Martin B. Brown Co., printing, etc.....	1,563 70	
Martin, R. F., rent.....	200 00	
Montross & Clarke Co., stationery.....	108 40	
O'Rourke & Co., F. F., stationery.....	86 25	
Tammany Times, advertising.....	6 40	
The Globe, advertising.....	54 40	
		<hr/>
		\$3,854 51

## SCHEDULE G.

## SALARIES AUDITED ON ANNUAL EXPENSE ACCOUNT.

Joseph W. Savage.....	\$4,000 00
Francis J. Ryan.....	3,600 00
Lorenzo L. Burke.....	1,800 00

Timothy J. Slattery.....	\$1,025 00
Barnett H. Goldstein.....	1,400 00
John H. Saunders.....	1,250 00
Howard B. Smith.....	1,400 00
Bernard P. Gibney.....	1,800 00
Walter S. Graham.....	1,800 00
James J. Kennedy.....	1,200 00
John J. Bergin.....	700 00
John M. Phelan.....	5,000 00
James Weir.....	3,000 00
Charles F. Friedman.....	3,000 00
Frank J. Butler.....	2,500 00
William J. Fay.....	2,400 00
Robert Gere.....	2,500 00
Michael A. Sullivan.....	2,100 00
Timothy F. Crowley.....	2,050 00
Henry J. Widmayer.....	1,250 00
Joseph A. Cronin.....	1,137 50
Silas Strauss.....	4,000 00
Max Drucker.....	1,800 00
Paul E. Lange.....	612 50
James McCabe.....	1,050 00
John R. Powers.....	1,249 98
Edward Abeel.....	900 00
Gerard Bancker.....	900 00
Thomas F. Barry.....	208 93
Walter O. Bollas.....	900 00
Thomas E. Booth.....	900 00
John J. Cauldwell.....	900 00
James H. Daly.....	900 00
John J. Donohue.....	900 00
Henry C. Dunham.....	900 00
James J. Fleming.....	900 00
Charles H. Greenfield.....	900 00
L. Hitch Harrison.....	900 00
Victor Heimbürger.....	900 00
Patrick Hennessy.....	900 00
Peter W. Hyer.....	300 00
Richard H. Lee.....	900 00
Edward McCrimlisk.....	900 00
James McMahan.....	900 00
Lawrence W. O'Connor.....	900 00
William H. Rockwell.....	900 00
George E. Rodgers.....	900 00
Joseph D. Vail.....	900 00
Thomas F. Woods.....	208 93
James Casey.....	110 00
Richard Cleary.....	115 00
Patrick H. Lydon.....	105 00
James T. Murray.....	110 00

Allen N. Spooner.....	\$3,750 00	
Denis A. Judge.....	2,250 00	
William C. Blaney.....	1,000 04	
Charles J. Farley.....	2,000 02	
William E. Bailey.....	1,050 00	
Thomas F. Creegan.....	1,050 00	
John McKenzie.....	1,050 00	
William A. Ross.....	725 00	
James Rafferty.....	600 00	
James L. O'Dea.....	564 52	
		\$86,822 42

## SCHEDULE H.

BILLS AND CLAIMS AUDITED ON ACQUIRED PROPERTY ACCOUNT.  
PAYMENTS ON PROPERTY.

Bridgham, Samuel W., <i>et al.</i> , Executors, Pier old 14 and bulkhead between old 13 and new 12, East River.....	\$287,917 02	
Hadley, Sarah E., <i>et al.</i> , Piers old 2 and 3, East River.....	215,509 04	
Iselin, Edith C., <i>et al.</i> , Pier old 11, East River.....	160,004 85	
Meyers, Augustus, between West 20th and 22d sts.....	10,816 25	
Murray, Phebe Anna, <i>et al.</i> , Piers old 16 and 17 and bulkheads, East River.....	662,853 61	
Seibert, William H., <i>et al.</i> , Pier old 13 and bulkheads, East River.....	220,558 98	
Standard Oil Co. of New York, <i>et al.</i> , Property in vicinity of Whale Creek, Borough of Brooklyn.....	455,950 21	
		\$2,013,609 96

## COMMISSIONERS' FEES.

Dooling, J. T.....	\$40 00	
Knox, Effie V. V., Executrix.....	590 00	
McManus, Thomas J.....	30 00	
Schillinger, Adolph.....	30 00	
		\$690 00

## OFFICE EXPENSES, ETC.

Adams & Chambers.....	\$379 55
Chamberlain of The City of New York.....	7,019 96
Clark, Anna L., Administratrix.....	500 00
Coe, N. L.....	42 00
Davidson, T. W. G.....	50 00
Graham, Thomas P.....	1,500 00
Gilbert, Chas. L.....	1,500 00
Harrison, Edlow W.....	250 00
Jenks, Wm. H.....	500 00
McHale, Martin.....	1,750 00
Praeger, Harry.....	14 80
Plass, Herbert C.....	1,750 00

Secretary of State.....	\$182 65	
Title Insurance Co. of New York.....	208 63	
Title Guarantee & Trust Co.....	10,172 27	
		<hr/>
		\$25,819 86
		\$2,040,119 82
Less deductions by the Comptroller in 1909 of vouchers audited 1908.....		11,033 34
		<hr/>
		\$2,029,086 48

## SCHEDULE I.

## STATEMENT OF VALUATION OF FLOATING PLANT, DECEMBER 31, 1909.

Ferryboat "MANHATTAN" .....	\$364,450 00
Ferryboat "BRONX" .....	364,450 00
Ferryboat "QUEENS" .....	364,450 00
Ferryboat "RICHMOND" .....	364,450 00
Ferryboat "BROOKLYN" .....	364,450 00
Ferryboat "STAPLETON" .....	197,500 00
Ferryboat "CASTLETON" .....	197,500 00
Ferryboat "BAY RIDGE".....	212,750 00
Ferryboat "NASSAU" .....	212,750 00
Ferryboat "GOWANUS" .....	212,750 00
100-Ton Derrick "CITY OF NEW YORK".....	98,000 00
40-Ton Derrick .....	16,700 00
25-Ton Derrick .....	29,400 00
12-Ton Derrick No. 2.....	12,200 00
12-Ton Derrick No. 3.....	15,200 00
10-Ton Derrick .....	5,500 00
3-Ton Derrick .....	2,500 00
Tug "MANHATTAN" .....	58,000 00
Tug "BROOKLYN" .....	40,000 00
Tug "RICHMOND" .....	27,500 00
Steam Launch "GEN'L McCLELLAN" .....	10,000 00
Steam Launch "BRONX" .....	6,000 00
Steam Launch "QUEENS" .....	3,800 00
Steam Launch "A" .....	14,500 00
Steam Launch "B" .....	14,500 00
Naphtha Engine Launch "CROTON".....	200 00
Gasoline Motor Launch "JAMAICA BAY".....	427 00
Naphtha Engine Launch "SPUYTEN DUYVIL".....	1,425 00
Pile Sawing Machine No. 20.....	22,000 00
Air Compressor.....	3,200 00
Boat Landing Stages.....	3,500 00
Boring Machine "WOODCOCK".....	1,000 00
Pile Driver No. 4.....	6,250 00
Pile Driver No. 5.....	5,000 00
Pile Driver No. 6.....	1,000 00

Pile Driver No. 7.....	\$400 00
Pile Driver No. 8.....	600 00
Pile Driver No. 9.....	4,600 00
Pile Driver No. 10.....	4,000 00
Pile Driver No. 11.....	5,600 00
Pile Driver No. 12.....	4,000 00
Pile Driver No. 13.....	7,000 00
Pile Driver No. 14.....	7,000 00
Pile Driver No. 15.....	5,600 00
Pile Driver No. 16.....	4,500 00
Pile Driver No. 17.....	8,000 00
Pile Driver No. 18.....	8,000 00
Pile Driver No. 21.....	6,000 00
Pile Driver No. 22.....	11,500 00
Pile Driver No. 23.....	11,500 00
Pile Driver No. 24.....	11,500 00
Deck Scow "B".....	3,000 00
Deck Scow "C".....	3,000 00
Deck Scow "D".....	4,000 00
Deck Scow "H".....	4,000 00
Deck Scow "I".....	5,000 00
Deck Scow "K".....	5,000 00
Deck Scow "L".....	4,000 00
Deck Scow "M".....	4,000 00
Deck Scow "N".....	4,000 00
Deck Scow "O".....	4,000 00
Deck Scow "P".....	4,000 00
Deck Scow "U".....	4,500 00
Deck Scow "V".....	5,000 00
Deck Scow "W".....	5,000 00
Deck Scow "X".....	15,000 00
Deck Scow "Y".....	8,500 00
Coal Scow "S".....	1,200 00
Coal Scow "Z".....	6,000 00
Diver's Scow "A".....	500 00
Diver's Scow "B".....	1,800 00
Diver's Scow "C".....	1,800 00
Diver's Scow "D".....	1,800 00
Diver's Scow "E".....	1,800 00
Diver's Scow "G".....	500 00
Diver's Scow "N".....	800 00
Diver's Scow "S".....	500 00
Diver's Scow "T".....	500 00
(39 yawl boats ).....	
(14 skiffs ).....	
Small boats (12 sounding boats).....	4,500 00
(6 bateaus ).....	
(1 rowboat ).....	

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 \$3,456,802 00

## SCHEDULE J.

CLAIMS FOR UNPAID WHARF RENTS PLACED WITH THE COUNSEL TO THE CORPORATION  
FOR COLLECTION AND FOR WHICH NO RETURN WAS MADE PRIOR  
TO DECEMBER 31, 1909.

Against John Darrow.....	Nov. 1, 1870.....	\$1,200 00
William Bradley.....	July 1, 1874.....	8,750 00
Oyster Bay and Huntington Steamboat Co. ....	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 Co.....	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
Steam Yacht "Yosemite".....	June 1, 1882.....	935 93a
Joseph Cooper.....	Feb. 1, 1883.....	1,375 00
John H. Baxter.....	Feb. 1, 1883.....	175 00
Joseph Cooper.....	May 1, 1883, to May 1, 1884.....	2,750 00
William H. Wood.....	May 1, 1883, to May 1, 1884.....	1,562 50
Peter H. Walsh.....	Aug. 1, 1883, to May 1, 1886.....	3,843 75
Booth & Edgar.....	Dec. 5, 1883.....	250 00
Alexander Mason.....	Mar. 5, 1884.....	1,750 00
Morris Wazel.....	Aug. 1, 1884, to May 1, 1885.....	900 00
Patrick Murray.....	Nov. 1, 1884, to Feb. 11, 1885....	28 01
Denis 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 months' rent to May 1, 1890...	4,000 00
Orrin D. Person.....	May 1, 1893.....	120 00
Sheridan & Byrne.....	To May 1, 1895.....	6,475 00
James J. Herbert.....	To Sept. 1, 1895.....	141 67
G. F. & E. C. Swift.....	To May 1, 1897.....	906 47
Gansevoort Freezing & Cold Storage Co.....	To Oct. 15, 1897.....	1,148 91
E. W. Youmans.....	To Dec. 20, 1897.....	30 14
William J. Clark.....	To April 13, 1899.....	234 72
James Rogers.....	To Dec. 31, 1899.....	4,250 00
Estate of William Lynch.....	To May 1, 1900.....	2,777 50

William Brooks' Son Company.....	To Jan. 13, 1899.....	152 05
Knickerbocker Ice Company.....	To Jan. 1, 1900.....	2,676 10
Neldlinger & Sons.....	To Mar. 1, 1901.....	403 14
William Turner.....	1 month and 8 days to Nov. 8, 1901.....	80 14
Jacob Voorhis.....	3 months to Oct. 31, 1901.....	90 00
S. De Joy.....	1 month and 3 days to Sept. 13, 1902.....	189 85
John J. O'Hare.....	4 months and 15 days to Dec. 15, 1902.....	224 19
William A. Wells.....	To Aug. 1, 1902.....	53 42
People's Co-operative Ice Company.....	To June 1, 1903.....	1,222 61
Wm. H. Brower S. S. Co.....	Wharfage.....	1,631 42
Al. Sterekx.....	".....	46 74
New York & South Brooklyn Ferry Co.....	To Dec. 31, 1904.....	14,098 35
Brooklyn Ferry Co. of New York.....	To Dec. 31, 1905.....	19,750 00
Yorkville Construction & Supply Co.....	To Aug., 1907.....	800 00
John McDermott & Son.....	To Aug., 1907.....	990 00
	Total.....	\$133,506 46

## SCHEDULE K.

STATEMENT SHOWING THE DISTRIBUTION OF WHARFAGE RECEIVED DURING THE YEAR 1909.

## MANHATTAN.

## NORTH RIVER.

Battery Landing.....	\$4,655 68
Pier A.....	5 18
Bulkhead between old and new No. 1.....	27 00
Marginal street west of West St.....	882 43
Pier 10.....	52 07
Pier at Canal St.....	4,149 61
Bulkhead between Piers 41 and 42.....	226 03
Bulkhead between Piers 42 and 43.....	30 00
Marginal street foot Christopher St.....	234 20
Bulkhead between Piers 46 and 48.....	3,071 84
Pier old 56½.....	799 15
Oyster Basin.....	12,716 43
Pier at Bloomfield St.....	1,284 84
Pier at W. 13th St.....	71 72
Pier 57.....	214 09
Pier at W. 18th St.....	824 81
Pier at W. 21st St.....	16 62
Pier at W. 22d St.....	1,153 54



Marginal street between W. 14th and W. 30th Sts.....	\$252 90
Pier at W. 30th St.....	3,041 70
Bulkhead between W. 33d and W. 34th Sts.....	1,542 07
Pier at W. 35th St.....	1,368 52
Pier at W. 39th St.....	338 86
Pier at W. 40th St.....	311 99
Between W. 42d and W. 43d Sts.....	24 00
Pier at W. 45th St.....	2,128 39
Pier at W. 46th St.....	1,726 46
Pier at W. 47th St.....	353 23
Pier at W. 48th St.....	3,558 37
Bulkhead between W. 49th and W. 50th Sts.....	212 50
Pier at W. 50th St.....	2,664 91
Bulkhead between W. 50th and W. 51st Sts.....	1,723 05
Pier at W. 51st St.....	1,494 31
Bulkhead between W. 51st and W. 52d Sts.....	2,466 43
Pier at W. 52d St.....	4,356 45
Bulkhead between W. 52d and W. 54th Sts.....	5,018 86
Pier at W. 54th St.....	3,587 82
Bulkhead between W. 54th and W. 55th Sts.....	340 75
Pier at W. 55th St.....	1,806 34
Bulkhead between W. 55th and W. 56th Sts.....	167 39
Bulkhead between W. 77th and W. 79th Sts.....	900 33
Pier at W. 79th St.....	83 78
Pier at W. 80th St.....	553 92
Bulkhead between W. 80th and W. 81st Sts.....	756 00
Pier at W. 97th St.....	710 39
Pier at W. 129th St.....	634 53
Bulkhead between W. 129th and W. 130th Sts.....	436 35
Foot of W. 130th St.....	400 00
Pier at W. 131st St.....	2,283 25
Bulkhead between W. 131st and W. 132d Sts.....	2,119 87
Pier at W. 132d St.....	1,192 90
Bulkhead between W. 132d and W. 133d Sts.....	1,868 56
Pier at W. 133d St.....	1,869 09
Foot of W. 138th St.....	136 00
Foot of W. 140th St.....	55 00
Foot of W. 141st St.....	15 00
Foot of W. 147th St.....	40 00
Between W. 148th and W. 152d Sts.....	201 50
Between W. 152d and W. 155th Sts.....	119 00
Bulkhead between W. 155th and W. 158th Sts.....	1,228 90
Pier at W. 158th St.....	2,421 24
North of W. 158th St.....	55 00
Foot of W. 165th St.....	125 00
Foot of W. 166th St.....	154 96
Foot of W. 167th St.....	135 00
Foot of W. 168th St.....	91 63
Sherman's Creek.....	352 75

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 \$87,840 49

## EAST RIVER.

East Side 39th St. Ferry.....	\$15 00
Bulkhead between Piers 4 and 5.....	192 54
Pier 5.....	2,570 28
Bulkhead between Piers 5 and 6.....	750 00
Pier 6.....	2,321 34
Bulkhead between Piers 6 and 7.....	45
Bulkhead between Piers 7 and 8.....	284 36
Bulkhead between Piers 9 and 10.....	3 50
Bulkhead between Piers 10 and 11.....	818 35
Pier 11.....	6,028 45
Bulkhead between Piers 11 and 12.....	400 48
Pier 30.....	12,614 60
Bulkhead between Piers 31 and 32.....	280 03
Platform south Pier 32.....	1,785 00
Pier 33.....	7,150 77
Bulkhead between Piers 33 and 34.....	138 31
Pier 36.....	3,160 72
Pier 48.....	598 65
Bulkhead between Piers 53 and 54.....	26 40
Pier 54.....	2,759 02
Bulkhead at Corlears St.....	1 75
Bulkhead at Cherry St.....	1 57
Pier 61.....	1,396 65
Pier 62.....	302 34
Pier at E. 3d St.....	2,172 06
Bulkhead at E. 4th St.....	100 00
Pier at E. 5th St.....	2,836 15
Pier at E. 9th St.....	1,103 51
Bulkhead between E. 15th and E. 16th Sts.....	420 67
Pier at E. 18th St.....	2,115 51
Between E. 18th and E. 19th Sts.....	120 00
Pier at E. 19th St.....	1,790 63
Bulkhead between E. 19th and E. 20th Sts.....	2,222 13
Pier at E. 20th St.....	1,081 88
Bulkhead between E. 20th and E. 21st Sts.....	462 50
Pier at E. 21st St.....	284 18
Upland between E. 20th and E. 23d Sts.....	450 00
Bulkhead north side E. 23d St.....	287 00
Bulkhead between E. 23d and E. 24th Sts.....	1,388 18
Pier at E. 24th St.....	345 07
Foot of E. 25th St.....	450 00
Pier at E. 26th St.....	205 85
Pier at E. 28th St.....	1,361 80
Pier at E. 29th St.....	158 62
Pier at E. 30th St.....	1,911 40
Pier at E. 32d St.....	1,455 05
Pier at E. 36th St.....	1,213 62
Pier at E. 37th St.....	1,105 18
Bulkhead at E. 41st St.....	121 25

Bulkhead at E. 45th St.....	\$120 00
Bulkhead at E. 47th St.....	297 12
Bulkhead at E. 48th St.....	53 07
Pier at E. 49th St.....	855 97
Foot of E. 51st St.....	1 00
Bulkhead at E. 53d St.....	200 71
Bulkhead at E. 54th St.....	165 30
Foot of E. 55th St.....	1 00
Foot of E. 58th St.....	1 00
Pier at E. 60th St.....	60 79
Bulkhead between E. 60th and E. 61st Sts.....	1,395 53
Pier at E. 61st St.....	1,207 24
Bulkhead between E. 61st and E. 62d Sts.....	281 90
Pier at E. 62d St.....	1,265 12
Bulkhead at E. 64th St.....	194 14
Bulkhead between E. 64th and E. 65th Sts.....	227 19
Bulkhead between E. 69th and E. 70th Sts.....	708 24
Bulkhead between E. 75th and E. 76th Sts.....	988 62
Bulkhead between E. 76th and E. 77th Sts.....	679 00
Bulkhead between E. 77th and E. 78th Sts.....	275 53
Bulkhead between E. 78th and E. 79th Sts.....	137 41
Bulkhead at E. 79th St.....	7 50
Pier at E. 86th St.....	319 24
Foot of E. 89th St.....	1 00
Pier at E. 91st St.....	1,093 31
Pier at E. 94th St.....	287 97
Pier at E. 95th St.....	1,963 28
Pier at E. 96th St.....	1,269 98
Bulkhead between E. 96th and E. 97th Sts.....	1,004 35

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 \$83,825 31

## HARLEM RIVER

Pier at E. 100th St.....	\$194 07
Bulkhead between E. 101st and E. 102d Sts.....	570 55
Pier at E. 102d St.....	908 73
Bulkhead between E. 102d and E. 104th Sts.....	3,138 03
Pier at E. 106th St.....	240 30
Pier at E. 108th St.....	939 03
Bulkhead between E. 108th and E. 109th Sts.....	1,093 85
Pier at E. 109th St.....	628 35
Pier at E. 110th St.....	170 30
Bulkhead at E. 111th St.....	52 00
Pier at E. 112th St.....	621 78
Bulkhead at E. 115th St.....	37 90
Pier at E. 117th St.....	766 70
Pier at E. 118th St.....	570 38
Pier at E. 119th St.....	113 69
Foot of E. 121st St.....	55 00
Foot of E. 124th St.....	60 00
Bulkhead at E. 125th St.....	1,182 16

Bulkhead between E. 131st and E. 132d Sts.....	\$264 51	
Bulkhead between E. 134th and E. 135th Sts.....	1,422 33	
Bulkhead between E. 139th and E. 140th Sts.....	864 59	
Foot of W. 152d St.....	45 00	
Foot of W. 153d St.....	60 00	
Foot of W. 154th St.....	120 00	
Pier at W. 155th St.....	946 25	
Pier at W. 156th St.....	84 40	
Foot of W. 157th St.....	50 00	
Foot of W. 204th St.....	65 00	
		<hr/> \$15,264 90

## BRONX.

Pier at 134th St. and L. I. S.....	\$45 00	
Pier at 136th St. and L. I. S.....	250 55	
Pier at 138th St. and L. I. S.....	807 43	
Foot of 149th St. and L. I. S.....	7 00	
7th St., Unionport.....	22 98	
Tiffany St.....	32 00	
Hunt's Point Road.....	62 00	
Layton Ave., Throggs Neck.....	87 00	
Barclay Ave., Throggs Neck.....	1 00	
Manidor St., Barretto Point.....	2 00	
Fordham Road.....	1,166 31	
Main St., City Island.....	21 00	
Fordham Ave., City Island.....	31 00	
		<hr/> \$2,535 27

## BROOKLYN.

Pier at Bay Ridge Ave., South Brooklyn.....	\$1,565 05	
Pier at 52d St., South Brooklyn.....	1,781 86	
Foot of 32d St., South Brooklyn.....	25 00	
Foot of 34th St., South Brooklyn.....	45 00	
Between 34th and 35th Sts., South Brooklyn.....	40 00	
Foot of 36th St., South Brooklyn.....	60 00	
Foot of 60th St., South Brooklyn.....	35 00	
Foot of Butler St., Gowanus Canal.....	73 49	
Foot of 12th St., Gowanus Canal.....	38 37	
Foot of DeGraw St., Gowanus Canal.....	78 22	
Foot of 1st St., Gowanus Canal.....	216 39	
Foot of 2d St., Gowanus Canal.....	169 80	
Foot of Bond St., Gowanus Canal.....	106 85	
Foot of Creamer St., Gowanus Canal.....	60 07	
Foot of Joralemon St.....	12 00	
Foot of Dock St.....	30 03	
Bulkhead at Clinton Ave.....	1,884 29	
Pier 1, Wallabout Canal.....	3,540 75	
Pier 4, Wallabout Canal.....	1,890 05	
Pier 5, Wallabout Canal.....	2,328 43	

Bulkhead at Wallabout Canal.....	\$1,592 92	
Whale Creek.....	55 15	
Foot of Division Ave.....	3 10	
Pier at South 5th St.....	744 28	
Pier at North 2d St.....	982 08	
Bulkhead at South 2d St.....	182 50	
Pier at Noble St.....	2,065 78	
Foot of E. 21st St., Sheepshead Bay.....	165 00	
Foot of 23d St., Sheepshead Bay.....	110 00	
Foot of Dooley Ave., Sheepshead Bay.....	50 00	
Foot of Poole's Lane, Sheepshead Bay.....	40 00	
East 59th St., Flatlands Bay.....	15 60	
Between E. 59th and E. 60th Sts, Flatlands Bay.....	24 60	
Lot 6, Flatlands Bay.....	12 14	
		<hr/>
		\$20,023 80

## QUEENS.

Bulkhead at Harris Ave.....	\$371 54	
Bulkhead at West Ave.....	282 29	
Bulkhead at Webster Ave.....	244 16	
Whitestone Landing.....	10 25	
Bayswater, Far Rockaway.....	24 00	
Eldert Ave., Rockaway.....	1 00	
Grove Ave., Rockaway.....	1 00	
Ditch Road, Thurston's Creek.....	12 60	
		<hr/>
		\$946 84

## RICHMOND.

Bulkhead at St. George.....	\$7 56	
Pier at Summerfield Ave.....	46 66	
Port Richmond.....	26 44	
Pier at Canal St., Stapleton.....	48 44	
Foot of Water St., Stapleton.....	27 72	
		<hr/>
		\$156 82

## SUMMARY.

Manhattan, North River.....	\$87,840 49	
Manhattan, East River.....	83,825 31	
Manhattan, Harlem River.....	15,264 90	
		<hr/>
	\$186,930 70	
Bronx.....	2,535 27	
Brooklyn.....	20,023 80	
Queens.....	946 84	
Richmond.....	156 82	
		<hr/>
		\$210,593 43

## STATEMENT OF REVENUES AND EXPENDITURES OF THE DEPARTMENT OF DOCKS, FROM

FOR YEARS ENDING APRIL 30.	TOTAL GROSS REVENUE FROM LEASED WHARVES AND WHARFAGE.	REVENUE FROM FERRY LEASES AND FRANCHISES.	REVENUE FROM OPERATION MUNICIPAL FERRY.	TOTAL ANNUAL EXPENDITURES AUDITED.	SALARIES OF COMMISSIONERS.
For year ending: 1871.....	\$315,524 54	\$144,640 00		\$486,449 12	\$50,000 00
1872.....	412,859 93	59,052 50		1,075,605 61	48,252 65
1873.....	447,328 01	52,300 00		622,878 03	50,000 00
1874.....	479,361 51	59,050 00		932,106 75	14,574 73
1875.....	589,361 06	31,987 50		1,536,204 33	12,443 52
1876.....	650,781 88	59,926 62		692,603 96	12,500 00
1877.....	706,607 78	48,167 61		433,089 80	12,500 00
1878.....	853,816 92	73,406 75		486,934 69	11,850 81
1879.....	762,122 37	59,314 27		373,425 68	11,281 18
1880.....	810,465 41	64,244 79		599,768 63	6,000 00
1881.....	865,071 89	92,519 43		640,481 57	7,169 35
1882.....	1,062,162 54	454,252 53		1,180,097 44	9,000 00
1883.....	1,162,893 96	243,035 56		953,007 85	9,000 00
1884.....	1,246,858 19	258,727 13		760,106 80	9,000 00
1885.....	1,187,217 14	284,280 26		1,020,207 51	9,000 00
1886.....	1,228,151 80	315,871 60		376,774 00	9,000 00
1887.....	1,260,036 58	184,558 86		389,169 82	9,000 00
1888.....	1,320,684 81	390,870 16		1,069,538 62	9,000 00
1889.....	1,418,440 62	309,579 75		1,218,483 76	8,614 52
1890.....	1,487,930 71	325,649 65		1,316,370 65	9,000 00
1891.....	1,508,554 93	334,579 05		1,971,844 84	10,999 98
1892.....	1,662,437 70	352,670 11		1,882,873 63	15,000 00
1893.....	1,765,783 65	358,122 92		2,762,566 00	15,000 00
1894.....	1,839,658 78	327,368 34		2,798,455 73	15,000 00
1895.....	1,940,079 05	303,689 84		1,645,076 02	15,000 00
1896.....	2,021,698 47	342,685 09		760,050 14	15,000 00
1897.....	2,066,839 02	369,873 08		1,739,762 24	15,000 00
Eight months to Dec. 31, 1897.	1,433,894 32	262,276 86		4,656,304 88	9,999 99
Year ending Dec. 31, 1898.....	2,027,126 20	377,167 92		3,452,890 47	16,000 00
Dec. 31, 1899...	2,366,409 34	372,451 03		2,698,639 88	16,000 00
Dec. 31, 1900...	2,405,471 64	369,701 06		3,709,580 00	16,000 00
Dec. 31, 1901...	2,511,661 40	343,299 63		4,186,666 62	16,000 00
Dec. 31, 1902...	2,673,333 30	303,406 47		2,409,376 49	10,427 42
Dec. 31, 1903...	2,729,358 15	385,576 82		6,979,398 17	10,500 00
Dec. 31, 1904...	2,976,273 94	291,419 44		5,579,719 35	10,500 00
Dec. 31, 1905...	3,048,454 18	402,725 90	\$88,423 62	8,009,807 25	10,500 00
Dec. 31, 1906...	3,345,783 60	317,452 59	654,377 66	10,188,930 73	10,500 00
Dec. 31, 1907...	3,472,171 79	355,576 43	883,241 33	7,696,863 80	11,475 80
Dec. 31, 1908...	3,440,949 52	284,036 53	838,395 97	13,392,082 75	12,212 59
Dec. 31, 1909...	3,552,573 49	303,484 15	898,732 45	11,364,210 52	12,000 00
Total.....	\$67,056,190 12	\$10,259,998 23	\$3,363,171 33	\$114,048,404 13	\$580,302 54

## THE ORGANIZATION OF THE DEPARTMENT, IN MAY, 1870, TO DECEMBER 31, 1909.

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 FERRIES AND LABOR PAY-ROLLS.	BILLS AND CLAIMS AUDITED ON REPAIRS AND MAINTENANCE, INCLUDING FERRIES AND LABOR PAY-ROLLS.	ACQUIRED PROPERTY.
\$48,182 56	\$34,258 68	\$40,015 20	\$313,992 68		
59,544 40	20,702 69	69,473 94	877,631 93		
54,787 41	28,754 09	60,791 45	428,545 08		
48,738 55	20,913 32	32,383 62	815,496 53		
52,788 12	24,029 20	37,674 30	1,409,269 19		
31,973 61	15,844 34	28,560 33	603,725 68		
24,664 53	10,999 82	29,965 95	354,959 50		
21,817 40	9,957 41	31,505 72	388,234 93	\$23,568 42	
20,859 62	13,021 17	28,449 84	249,068 36	50,745 51	
19,706 94	12,786 96	28,450 00	284,808 89	44,485 84	\$203,530 00
20,263 22	9,776 22	30,735 50	515,044 45	57,492 83	
22,503 41	12,391 48	32,869 91	829,050 27	274,282 37	
25,999 07	13,756 80	33,084 00	715,641 01	155,526 97	
30,225 31	13,213 81	37,860 85	575,080 87	94,725 96	
31,416 67	11,379 73	45,703 41	416,151 29	178,493 66	328,062 75
43,192 19	13,140 00	41,159 25	199,242 72	70,918 19	121 65
46,693 71	6,472 12	44,960 89	162,621 52	119,421 58	
41,469 87	6,315 92	53,070 07	653,434 14	230,635 17	75,613 45
39,247 76	8,064 44	58,758 73	941,878 01	155,620 30	6,300 00
37,804 69	1,454 44	67,727 67	850,422 54	169,923 78	180,037 53
43,824 24	6,105 71	78,337 98	1,265,698 26	130,093 78	436,784 89
51,926 82	11,140 63	86,763 78	1,507,587 59	202,605 88	7,848 93
55,979 26	5,996 07	89,961 71	1,317,751 55	198,224 29	1,079,653 12
60,837 36	8,700 38	85,328 08	1,685,908 22	160,416 06	782,265 63
70,367 25	6,697 24	89,865 80	747,675 81	188,327 91	527,142 01
65,461 22	5,847 15	83,111 95	312,202 39	223,998 61	54,428 82
59,375 32	11,653 88	96,914 74	522,233 79	194,631 77	839,952 74
39,917 50	4,490 38	82,075 94	975,893 46	164,044 11	3,379,883 50
73,982 60	5,373 52	123,730 93	1,796,374 43	249,588 56	1,187,840 43
76,869 50	10,089 45	145,330 81	1,667,450 07	472,374 78	310,525 27
75,105 20	5,950 81	131,989 06	1,746,373 02	634,339 39	1,099,822 52
85,853 76	8,830 49	156,759 06	2,250,806 17	769,044 64	899,372 50
75,632 49	7,000 94	154,800 35	1,443,603 65	416,577 14	301,334 50
74,056 88	8,072 72	148,246 96	2,048,762 19	386,144 83	4,303,614 59
78,672 03	13,510 16	155,018 79	3,616,064 70	412,826 63	1,293,133 04
83,058 33	8,922 81	183,049 65	5,057,607 33	649,552 08	2,017,117 05
88,902 16	9,190 03	206,365 00	4,265,421 58	1,532,682 73	4,075,869 23
83,665 97	5,109 52	251,913 75	4,149,518 68	2,004,581 02	1,190,599 06
89,897 58	7,022 99	261,388 72	5,229,062 94	2,081,244 83	5,711,253 10
80,822 42	3,854 51	269,097 40	6,754,779 45	2,214,570 26	2,029,086 48
\$2,136,086 93	\$440,792 03	\$3,713,251 09	\$59,945,074 87	\$14,911,703 88	\$32,321,192 79

WATERFRONT PROPERTY OWNED BY THE CITY AND OCCUPIED BY  
OTHER DEPARTMENTS.

NAME OF DEPARTMENT.	DESCRIPTION OF PROPERTY OCCUPIED.
<b>NORTH RIVER.</b>	
Fire Department.....	Platform south of Pier "A," about 5,200 sq. ft.
Department of Parks.....	Use of waterfront for park purposes from Whitehall street to Pier "A," N. R., excepting two boat landings.
Department of Street Cleaning.....	South side of Pier at Canal street, N. R., 571x18 feet.
Fire Department.....	South side of Pier 56½, N. R., about 150 feet, and south L of Oyster Basin.
Bureau of Highways.....	Use of upland 30x100, between Twenty-ninth and Thirtieth streets.
Department of Street Cleaning.....	North side of pier at Thirtieth street, N. R., 542x20 feet.
Fire Department.....	150 feet, south side of pier at Thirty-fifth street, N. R.
Department of Health.....	349 feet, outer end, both sides, of pier at Thirty-ninth street, N. R.
Department of Street Cleaning.....	196 feet, north side, and 421 feet, south side, of pier at Forty-seventh street, N. R.
Bureau of Highways.....	Use of upland, 30x100 feet, between Fifty-second and Fifty-third streets, N. R., for storage purposes.
Department of Water Supply, Gas & Electricity..	Use of upland, 75x200 feet, between Fifty-fifth and Fifty-sixth streets, N. R., for storage purposes.
Department of Parks.....	Use of waterfront between Seventy-second and Seventy-seventh streets, Eighty-first and Ninety-fourth streets, Ninety-eighth and One Hundred and Twenty-ninth streets, for park purposes.
Department of Street Cleaning.....	Pier foot of One Hundred and Thirty-fourth street, N. R.
Department of Parks.....	Use of waterfront between West 171st and 183d streets, for park purposes.
<b>EAST RIVER.</b>	
Department of Bridges.....	Platform foot of Pike street, E. R., about 300x100 feet.
Department of Street Cleaning.....	Pier 48, E. R., 300x30 feet.
Bellevue and Allied Hospitals.....	Berth for floating hospital at pier 53, E. R.
Department of Parks.....	Use of waterfront between Jackson and Corlears streets, E. R., for park purposes.
Fire Department.....	Pier at Grand Street, E. R., 210x50 feet.
Department of Bridges.....	250 feet of bulkhead between Broome and Delancey streets, E. R.
Department of Street Cleaning.....	South side of Pier 61, E. R., 350x30 feet.
Department of Health.....	220 feet of bulkhead between East Sixteenth and Seventeenth streets.

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Department of Health.....	115,025 square feet of upland easterly of Tompkins street, between East Sixteenth and Seventeenth streets.
Department of Parks.....	Use of bulkhead and upland between East Seventeenth and Eighteenth streets, for park purposes.
Department of Street Cleaning.....	495 feet, north side, of East Seventeenth street and 19,136 square feet of upland east of the westerly side of Tompkins street.
Department of Public Charities.....	Pier foot of East Twenty-sixth street, with structures thereon.
Bellevue and Allied Hospitals.....	Bulkhead, etc., from north side of East Twenty-sixth street to south side of East Twenty-ninth street, with upland in rear of same.
Department of Street Cleaning.....	Pier foot of East Thirtieth street, 361x18 feet.
Department of Street Cleaning.....	Pier at East Forty-sixth street, 275x30 feet, south side of pier.
Department of Public Charities.....	South side, outer end pier foot of East Fifty-third street, 110 feet.
Department of Street Cleaning.....	North side pier foot of East Sixtieth street.
Bureau of Highways.....	Use of upland, 30x100 feet, between East Sixtieth and Sixty-first streets, for storage.
Department of Public Charities.....	Landing stage, 85 feet, foot of Seventieth street, E. R.
Department of Street Cleaning.....	200 feet of bulkhead at East Eightieth street.
Department of Parks.....	Use of waterfront from north side of East Eighty-fourth street to south side of East Eighty-ninth street, excepting pier at East Eighty-sixth street.
Bellevue and Allied Hospitals.....	Berth about 200 feet on the south side of pier foot Ninety-first street, E. R.
Fire Department.....	Pier foot of East Ninety-ninth street and use of new made land 30x54 feet.

#### HARLEM RIVER.

Department of Street Cleaning.....	200 feet pier foot of East One Hundred and Seventh street, H. R.
Department of Parks.....	Use of waterfront between One hundred and Eleventh and One Hundred and Fourteenth streets, H. R., for park purposes.
Department of Public Charities.....	Pier foot of East One Hundred and Twentieth street, H. R.
Police Department.....	150 feet of bulkhead between One Hundred and Twentieth and One Hundred and Twenty-first streets, H. R.
Police Department.....	Bulkhead at One Hundred and Twenty-second street, H. R., about 40 feet.
Fire Department.....	Bulkhead at One Hundred and Thirty-second street, H. R., and use of upland 50x150 feet in rear of same.
Department of Street Cleaning.....	150 feet south side of One Hundred and Thirtieth street, H. R.
Department of Water Supply, Gas & Electricity..	Block bounded by One Hundred and Thirtieth to One Hundred and Fortieth streets, Fifth to Madison avenues, H. R.

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 BRONX.

Department of Health.....	Pier foot of One Hundred and Thirty-second street, E. R.
Department of Street Cleaning.....	Bulkhead foot of Lincoln avenue, H. R., 30x111 feet.

## BROOKLYN.

Department of Water Supply, Gas & Electricity..	150 feet northerly of Gowanus Canal, north from south side of Douglas street, both sides of Canal and bulkhead 100 feet at north end of Canal.
Department of Water Supply, Gas & Electricity..	150 feet on west side of Gowanus Canal at Butler and Douglas streets.
Department of Parks.....	Bay Ridge, Parkway and Shore Road from Wakeman street to Fort Hamilton avenue.
Department of Parks.....	Dykes Beach Park, Gravesend Bay, from Bay Eighth street north to Fort Hamilton Reservation.
Department of Parks.....	Seaside Park, Coney Island, from Fifth street to east end of concourse.
Department of Parks.....	Bensonhurst Beach, Gravesend Bay, from midway between Bay Thirty-first and Thirty-second streets north, to Bay Twenty-first street.
Department of Parks.....	Canarsie Beach Park (contemplated) Jamaica Bay, from East Sixty-sixth street to East Ninety-fourth street, Canarsie.
Department of Street Cleaning.....	90 feet of bulkhead on Wallabout Basin.
Department of Health.....	70 feet of bulkhead on Clinton avenue.

## QUEENS.

Department of Bridges.....	250 feet of bulkhead on East River under the Queensboro bridge.
Department of Parks.....	550 feet of bulkhead on East River between Pierce street on the south and Sanford street on the north.
Department of Bridges.....	150 feet of bulkhead on Newtown Creek foot of Vernon avenue, Long Island City.

## RICHMOND.

Fire Department.....	Northerly side of platform at St. George, 100x20 feet.
Department of Public Charities.....	Berth at outer end of Summerfield avenue, Mariners' Harbor.

In addition to the above, city piers are occupied by public baths during the summer season.

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RENT-ROLL

OF

LEASES AND PERMITS

IN FORCE

DECEMBER 31, 1909.

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RENT ROLL, SHOWING THE OCCUPANCY ON DECEMBER 31, 1909, OF ALL WHARF PROPERTY OWNED BY THE CITY, UNDER LEASES AND PERMITS OF THE DEPARTMENT OF DOCKS AND FERRIES.

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
Berth at Battery Landing.....	Captain J. P. Roberts.....	Pleasure of Commissioner.....	{ \$600 per ann. May to Oct. \$200 per ann. Nov. to April.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	\$400 00
Berth at Battery Landing.....	New York and Long Branch Steamboat Co.....	Season, 1909.....	1,800.00 per ann.....	{ Action of the Commis- sioner, Mar. 26, 1909.....	1,800 00
Privilege to land steamers "A. J. Phillips" and "Atlantic" at Battery Landing.....	Sea Gate Association.....	Season, 1909.....	1,200.00 per ann.....	{ Action of the Commis- sioner Mar. 15, 1909.....	1,200 00
Berth for Bath at Battery Wall.....	Edward A. Hall.....	Season, 1909.....	250.00 per mo.....	{ Action of the Commis- sioner, Mar. 15, 1909.....	731 67
Privilege to land excursion boats at Battery Wharf.....	Merchants' Steamboat Company of New Jersey.....	Season, 1909.....	1,600.00 per ann.....	{ Action of the Commis- sioner, Mar. 25, 1909.....	1,599 99
Privilege to maintain cable landing at Pier "A"	Western Union/Telegraph Company.....	Pleasure of Commissioner.....	300.00 per ann.....	{ Action of the Commis- sioner, May 1, 1907.....	300 00
Privilege to maintain cable landing at Pier "A"	Mexican Telegraph Co.....	Pleasure of Commissioner.....	300.00 per ann.....	{ Action of the Commis- sioner, May 1 and Oct. 26, 1908.....	300 00
Pier 1, Battery Place Pier, South.....	Knickerbocker Steam Towage Company.....	May 1, 1899, to May 1, 1909	23,000.00 per ann.....	Resolution, April 21, 1899	5,750'00
Pier 1, Battery Place Pier South, with shed thereon.....	United Fruit Co., March 12, 1909. Permission to sublet upper deck and outer end to Iron Steamboat Co.....	May 1, 1909 to May 1, 1919 May 1, 1919 to May 1, 1929	35,000.00 per ann..... 38,500.00 per ann.....	{ Action of the Commis- sioner, Feb. 4, 1909, Ap- proved by the Sink- ing Fund, March 1, 1909	26,250 00
Bulkhead between Piers New 1 and Old 1.....	Meade Transfer Company.....	June 1, 1909 to June 1, 1914	1,500.00 per ann.....	{ Action of the Commis- sioner March 11, May 1 and April 16, 1909. Ap- proved by the Sinking Fund, May 10, 1909.....	1,376 23
Reclaimed land south Pier Old 1, Battery Place Pier.....	Pennsylvania Railroad Company.....	At pleasure of the Com- missioner.....	3,144.90 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	3,144 92
Land under water for platform, between Pier Old 1, Battery Place Pier and Old 2, Battery Place Pier, North.....	Pennsylvania Railroad Company.....	At pleasure of the Com- missioner.....	2,420.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	2,420 00
Land under water for extension to Pier Old 2, Battery Place Pier North, and for platform between Piers Old 2 and Old 3, Morris Street Pier South.....	Lehigh Valley Railroad Company.....	At pleasure of the Com- missioner.....	4,299.63 per ann.....	{ Action of the Commis- sioner, May 1, 1908 and May 1, 1909.....	4,299 64
Land under water for platform between Piers Old 3, Morris Street Pier South, and Old 4, Morris Street Pier.....	Pennsylvania Railroad Company.....	At pleasure of the Com- missioner.....	3,674.95 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	3,674 96
Land under water for extensions to bulkheads between Morris street Pier South (old 3) and Rector street Pier South (old 6), and widen- ing Morris street Pier (old 4) and Morris street Pier North (old 5).....	Pennsylvania Railroad Company.....	May 1, 1903, to May 1, 1913	24,957.00 per ann.....	{ Action of the Commis- sioner, May 14, and June 2, 1903. Approv- ed by Sinking Fund, July 2, 1903.....	24,957 00
Land under water for extension to platform between Pier Old 8, Rector street Pier, and Old 9, Rector street Pier North.....	N. Y. N. H. & Hartford R. R. Co.....	At pleasure of the Com- missioner.....	2,347.13 per ann.....	{ Action of the Commis- sioner, May 1, 1908 and May 1, 1909.....	2,347 12
Land under water for extensions to Pier Old 9, Rector street Pier North.....	N. Y. N. H. & Hartford R. R. Co.....	At pleasure of the Com- missioner.....	1,850.48 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	1,850 48
Land under water for platform, between Piers Old 9, Rector street Pier North, and 10, Car- lisle street Pier South.....	N. Y. N. H. & Hartford R. R. Co.....	At pleasure of the Com- missioner.....	1,457.50 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	1,457 52
Land under water for platform, and bulkhead north side of Pier Old 10, Carlisle street Pier South, and widening north side of pier.....	N. Y. N. H. & Hartford R. R. Co.....	At pleasure of the Com- missioner.....	1,130.80 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	1,130 80
Land under water for extension to Pier Old 11, Carlisle street Pier.....	N. Y. N. H. & Hartford R. R. Co.....	At pleasure of the Com- missioner.....	911.35 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	911 36
Pier 10, Albany street Pier.....	Central Railroad Com- pany of New Jersey.....	10 years from date of completion, with two renewals of 10 years each.....	35,000.00 per ann.....	{ Action of the Commis- sioner, June 19, 1902, and Feb. 4, 1904. Ap- proved by Sinking Fund, July 1, 1902.....	34,887 50
Pier 10, Albany street Pier, Pier 11, Cedar street Pier, and bulkhead from a point 40 feet south- erly of the northerly line of Cedar street south- erly, a distance of about 346 feet.....	Central Railroad Com- pany of New Jersey.....	10 years from date of completion, with two renewals of 10 years each.....	74,000.00 1st term..... 77,700.00 2d term..... 81,585.00 3d term.....	{ Action of the Commis- sioners, June 19, 1902, Approved by Sinking Fund, July 1, 1902.....	.....
Land under water for platform, south of Cort- landt street Pier South (old 16).....	Pennsylvania Railroad Company.....	At pleasure of the Com- missioner.....	1,144.55 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	1,144 56
Land under water for extension to platform south of Pier Old 16, Cortlandt street Pier South, and extension to end of Pier.....	Pennsylvania Railroad Company.....	At pleasure of the Com- missioner.....	1,913.75 per ann.....	{ Action of the Commis- sioner, May 1, 1908, and May 1, 1909.....	1,913 76

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
23 feet of bulkhead from former site of Pier Old 18 and 7,243 square feet of land under water in front of same.....	Pennsylvania Railroad Company.....	At pleasure of the Commissioner.....	3,960.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	\$3,960 00
Bulkhead from a point 20 feet south from the northerly line of Cortlandt street southerly 23 feet.....	Pennsylvania Railroad Company.....	Ten years from date of completion, with privilege of two renewals of ten years each.....	1,380.00 1st term. 1,518.00 2d term. 1,659.80 3d term.....	Resolutions, Dec. 14, 1893, and Jan. 3, 1895.....	.....
Bulkhead from the northerly line of Cortlandt street southerly 20 feet.....	John H. Starin, sub-let to Delaware, Lackawanna & Western Railroad Company.....	Jan. 13, 1907, to Jan. 13, 1917, to Jan. 13, 1927.....	1,320.00 per ann. 1,452.00 per ann.....	Resolutions, Dec. 14, 1893, March 2, 1894, Feb. 11, 1897, and March 16, 1900.....	1,320 00
Bulkhead from a point 140 feet south of Pier 14, Fulton street Pier, southerly a distance of 78.17 feet.....	John H. Starin, sub-let to Delaware, Lackawanna & Western Railroad Company.....	Jan. 13, 1907, to Jan. 13, 1917, to Jan. 13, 1927.....	2,381.20 per ann. 2,619.32 per ann.....	Resolution, Jan. 12, 1894, and March 16, 1900.....	2,381 20
Bulkhead from a point 75 feet south of Pier 14, Fulton street Pier, southerly a distance of 65 feet.....	International Mercantile Marine.....	Jan. 1, 1904, to Jan. 1, 1914.....	1,980.00 per ann.....	Resolutions, June 26, 1894, and Dec. 6, 1894.....	1,980 00
Pier 14, Fulton street Pier.....	International Mercantile Marine.....	Jan. 1, 1904, to Jan. 1, 1914.....	61,081.98 per ann.....	Resolutions, Jan. 28 and March 31, 1892, and May 10, 1894.....	61,082 00
Bulkhead north and south of Pier 14.....	International Mercantile Marine.....	Jan. 1, 1904, to Jan. 1, 1914.....	4,950.00 per ann.....	Resolution, Feb. 16, 1893.....	4,950 00
Pier 15, Vesey street Pier (except space for bell tower) and bulkhead southerly.....	International Mercantile Marine.....	May 1, 1905, to May 1, 1915.....	27,500.00 per ann.....	Resolutions, March 9, 1893, and Nov. 2, 1894.....	27,500 00
Pier 14, Fulton street Pier and Pier 15, Vesey street Pier, excepting the use of water on northerly side of latter and space for bell tower, at outer end, together with bulkhead from a point about 140 feet south of the south side of Pier 14 to the northerly side of Pier 15.....	Brunswick Steamship Company.....	10 years from date, piers etc., shall be vacated by the International Mercantile Marine Company, with a renewal term of ten years.....	120,000.00 per ann., 1st term. 132,000.00 per ann., 2d term.....	Action of the Commissioner, Nov. 13, 1906, Approved by the Sinking Fund, Nov. 21, 1906.....	.....
Space for bell tower, outer end Pier 15.....	Hoboken Ferry Company.....	At pleasure of the Commissioner.....	100.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	100 00
Land under water for extension to (Pier 17) Park Place Pier.....	New York Central & Hudson River Railroad Company.....	At pleasure of the Commissioner.....	915.00 per ann.....	Action of the Commissioner, May 19, 1905, and Aug. 1, 1907.....	915 00
Land under water for extension to Pier 18, Murray street Pier.....	New England Navigation Company.....	At pleasure of the Commissioner.....	961.13 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	961 12
Bulkhead between Pier 18, Murray street Pier, and Pier 19, Warren street Pier.....	New England Navigation Company Assignees.....	Nov. 1, 1908, to Nov. 1, 1918..... Nov. 1, 1918, to Nov. 1, 1928.....	7,875.00 per ann..... 8,268.75 per ann.....	Resolutions, June 29, 1893, July 30, Aug. 6, and Dec. 3, 1896, and April 24, 1907.....	7,875 00
Pier 19, Warren street Pier.....	New England Navigation Company Assignees.....	Dec. 1, 1904, to Dec. 1, 1914.....	30,250.00 per ann.....	Resolutions, Nov. 3, 1892 and Nov. 22, 1894, and Aug. 3, 1904, and April 24, 1907.....	30,250 00
Extension to Pier 19.....	New England Navigation Company.....	June 12, 1908, to Dec. 1, 1914.....	3,595.31 per ann.....	Action of the Commissioner, Jan. 30, 1907, and Dec. 15, 1908, Approved by the Sinking Fund, Jan. 30, 1907.....	6,188 66
Use of reclaimed land near foot of Chambers street for car tracks.....	New York City Railway Company.....	At pleasure of the Commissioner.....	220.00 per ann.....	Action of the Commissioner, May 1, 1907, and May 1, 1908.....	55 00
Use of reclaimed land near foot of Chambers street for car tracks.....	Metropolitan Street Railway Company.....	At pleasure of the Commissioner.....	138.75 per ann.....	Action of the Commissioner, May 1, and Aug. 18, 1909.....	104 07
Temporary awning shed on marginal street, between Piers 21 and 22.....	Erie Railroad Company.....	At pleasure of the Commissioner.....	384.00 per ann.....	Action of the Commissioner, Oct. 13, 1909.....	.....
Pier 20, Chambers street Pier; Pier 21, Duane street Pier, and bulkhead from north side of Pier 19, extending northerly 560 feet, and land under water for ferry racks on north side of Pier 19, about 5,603 sq. ft.....	Erie Railroad Company.....	May 1, 1903, to May 1, 1913 May 1, 1913, to May 1, 1923	119,000.00 per ann.; rental to be fixed by arbitration.	Action of the Commissioner, May 8 and 15, and Oct. 17, 1902, Approved by Sinking Fund, March 4, 1903.....	119,000 00
Extensions to Pier 20, Chambers street Pier, and Pier 21, Duane street Pier.....	Erie Railroad Company.....	Sept. 4, 1906, to May 1, 1913 May 1, 1913, to May 1, 1923	1 2,634.32 per ann.; rental to be fixed by arbitration.	Action of the Commissioner, Dec. 12, 1905, and Sept. 5, 1906, and March 16, 1907, Approved by Sinking Fund, Dec. 27, 1905.....	12,634 32
82 feet of bulkhead next northerly of Pier 21, with icebridge privilege, etc.....	Charles Mulford.....	Jan. 1, 1909, to Jan. 1, 1914 Jan. 1, 1914, to Jan. 1, 1919	2,400.00 per ann..... 2,520.00 per ann.....	Action of the Commissioner, Dec. 11, 1908, Approved by the Sinking Fund, Dec. 30, 1908.....	2,216 67
Awning shed and platform on marginal street at approach to Pier 22, Jay street Pier North.....	Baltimore & Ohio Railroad Company.....	At pleasure of the Commissioner.....	267.84 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	259 47

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
Pier 22, Jay street Pier North, and bulkheads north and south of same.	Baltimore & Ohio Railroad Company.	Jan. 1, 1904, to Jan. 1, 1914	56,865.00 per annum.	{ Resolutions, March 1, and May 11, 1898, Action of the Commissioner, April 22, 1903. Approved by Sinking Fund, July 2, 1903.	\$56,865 00
Pier 23, Harrison street Pier North, and bulkheads north and south of same.	West Shore Railroad Company.	Oct. 1, 1901, to Oct. 1, 1911 Oct. 1, 1911, to Oct. 1, 1921 Oct. 1, 1921, to Oct. 1, 1931	45,000.00 per ann. 50,000.00 per ann. 52,000.00 per ann.	{ Resolution Sept. 17, 1891.	45,000 00
Extension to Pier 23, Harrison street, Pier North	West Shore Railroad Company.	Mar. 5, 1902, to Oct. 1, 1911 Oct. 1, 1911, to Oct. 1, 1921 Oct. 1, 1921, to Oct. 1, 1931	2,076.37 per ann.	{ Resolution, May 17, 1901, and action of Commissioners, Mar. 1, 1902.	2,076 37
Bulkhead south of Pier 24, Franklin street Pier North.	New York Central & Hudson River Railroad Company.	Feb. 1, 1909, to Oct. 1, 1911 Oct. 1, 1911, to Oct. 1, 1921 Oct. 1, 1921, to Oct. 1, 1931	3,872.00 per ann. 4,259.20 per ann. 4,685.12 per ann.	{ Action of the Commissioner, Jan. 23, 1909. Approved by the Sinking Fund, Feb. 11, 1909	3,872 00
Pier 24, Franklin street Pier North, as extended.	Central Hudson Steamboat Company.	Feb. 1, 1909, to Feb. 1, 1919 Feb. 1, 1919, to Feb. 1, 1929	34,204.92 per ann. 37,724.41 per ann.	{ Action of the Commissioner, March 7, 1903. Approved by Sinking Fund, April 1, 1903.	34,294 92
Bulkhead between Pier 24, Franklin street North and Pier 25, North Moore street Pier.	American Ice Co.	At pleasure of the Commissioner.	4,000.00 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	4,000 00
Awning shed and platform between Piers 24 and 25.	Old Dominion Steamship Company.	At pleasure of the Commissioner.	363.20 per ann.	{ Action of the Commissioner June 10 and Sept. 4, 1908, and May 1, 1909.	378 32
Pier 25, North Moore street Pier.	Morgans' Louisiana & Texas Railroad & Steamship Company.	At pleasure of the Commissioner.	36,163.47 per ann.	{ Action of the Commissioner Dec. 31., 1908.	36,163 48
Bulkhead north of Pier 25.	Southern Pacific Company.	At pleasure of the Commissioner.	1,000.00 per ann.	{ Action of the Commissioner, Dec. 31, 1908.	1,000 00
Pier 25, North Moore street Pier and 32 feet of bulkhead northerly.	Old Dominion Steamship Company.	10 years from date of occupation, with renewal term of 10 years	52,500.00 1st term. 57,750.00 2d term.	{ Action of the Commissioner, April 1, 1907. Approved by the Sinking Fund, April 3, 1907	.....
Awning shed and platform on marginal street south of Pier 26, Beach street Pier.	Old Dominion Steamship Company.	At pleasure of the Commissioner.	565.76 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	548 08
Pier 26, Beach street Pier, and bulkheads north and south with shed.	Old Dominion Steamship Company.	May 1, 1902, to May 1, 1912 May 1, 1912, to May 1, 1922 May 1, 1922, to May 1, 1932	49,428.34 per ann. 52,723.56 per ann. 56,238.46 per ann.	{ Action of the Commissioner, April 24, 1902. Approved by Sinking Fund, July 1, 1902.	49,428 36
Awning shed and platform on marginal street north of Pier 26, Beach street Pier.	Old Dominion Steamship Company.	At pleasure of the Commissioner.	487.44 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	472 21
Piers 27 and 28 as extended (Hubert and Laight street Piers), and bulkhead between Piers 27 and 28, and half bulkhead northerly of Pier 28	Pennsylvania Railroad Company.	Sept. 1, 1904, to Sept. 1, 1914. Sept. 1, 1914, to Sept. 1, 1924.	99,130.08 per ann. 109,043.09 per ann.	{ Action of the Commissioner, July 18, 1903. Approved by Sinking Fund, Oct. 16, 1903.	99,130 08
Awning shed and platform on marginal street north of Pier 28, Laight street Pier.	Pennsylvania Railroad Company.	At pleasure of the Commissioner.	489.92 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	474 61
Bulkhead from a point 71 feet north of Pier 28, Laight street Pier, to a point 20 feet north of Pier 29, Vestry street Pier.	Pennsylvania Railroad Company.	Mar. 1, 1901, to Mar. 1, 1911	7,700.00 per ann.	{ Resolutions, Feb. 27, April 26, and May 3, 1894.	7,700 00
Pier 29, Vestry street Pier.	Pennsylvania Railroad Company.	Mar. 1, 1901, to Mar. 1, 1911	30,500.00 per ann.	{ Resolutions, Nov. 27, 1878; Jan. 15 and April 23, 1891, and Nov. 30, 1900.	30,500 00
Extension to outer end of Pier 29, Vestry street Pier, as a rack, including sheathing.	Pennsylvania Railroad Company.	At pleasure of the Commissioner.	2,733.82 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	2,733 84
Awning shed and platform on marginal street north of Pier 29, Vestry street Pier.	Pennsylvania Railroad Company.	At pleasure of the Commissioner.	511.60 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	485 61
Land under water for ferry structures, etc., at and near foot of Desbrosses street.	Pennsylvania Railroad Company.	June 1, 1901, to June 1, 1911. June 1, 1911, to June 1, 1921. June 1, 1921, to June 1, 1931. June 1, 1931, to June 1, 1941. June 1, 1941, to June 1, 1951.	13,920.50 per ann. 14,616.52 per ann. 15,347.35 per ann. 16,114.72 per ann. 16,920.46 per ann.	{ Resolutions, Sept. 20, 1894; Aug. 29, 1900, and May 31, 1901.	13,920 52
Use of marginal street between Watts and Desbrosses streets for car tracks.	New York City Railway Company.	At pleasure of the Commissioner.	110.00 per ann.	{ Action of the Commissioner, May 13, 1908.	27 50
Use of marginal street between Watts and Desbrosses streets for car tracks.	Dry Dock East Broadway & Battery R.R. Co	At pleasure of the Commissioner.	110.00 per ann.	{ Action of the Commissioner May 13, 1908.	27 50
Use of marginal street between Watts and Desbrosses streets for car tracks.	Metropolitan Street Railway Company.	At pleasure of the Commissioner.	90.00 per ann.	{ Action of the Commissioner May 1 and Aug. 18, 1909.	67 50

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
Use of marginal street between Watts and Dresser streets for car tracks.....	Dry Dock East Broadway and Battery Railroad Company.....	At pleasure of the Commissioner.....	136.50 per ann.....	Action of the Commissioner May 1, 1909.....	\$102 38
Pier 31, Watts street Pier.....	New York Central & Hudson River Railroad Company.....	July 1, 1899, to July 1, 1909 July 1, 1909, to July 1, 1919	25,000.00 per ann..... 26,250.00 per ann.....	Resolution, June 16, 1899.....	25,625 00
Bulkhead northerly of Pier 31, Watts Street Pier.	New York Central & Hudson River Railroad Company.....	Jan. 10, 1902, to July 1, 1909..... July 1, 1909, to July 1, 1919	3,000.00 per ann..... 3,150.00 per ann.....	Resolution, July 5, 1899.....	3,075 00
Land under water for extension of Watts street Pier North.....	New Jersey Steamboat Company.....	As per agreement.....	1,000.00 per ann.....	Resolution, May 14, 1897.....	1,000 00
Land under water for extension to Pier 32, Watts street pier, North.....	Hudson Navigation Company.....	April 21, 1906, to April 21, 1916..... April 21, 1916, to April 21, 1926.....	2,016.25 per ann..... 2,217.88 per ann.....	Action of the Commissioner Feb. 1, 1906. Approved by Sinking Fund, February 21, 1906.....	2,016 24
87 16 feet of bulkhead north of Watts street Pier North, with right to shed.....	Central Railroad Company of New Jersey.....	July 1, 1904, to July 1, 1914 July 1, 1914, to July 1, 1924	2,800.00 per ann..... 3,080.00 per ann.....	Action of the Commissioner, May 27, 1904. Approved by Sinking Fund, June 14, 1904.....	2,800 00
Awning shed on marginal street between Piers 32 and 33.....	Central Railroad Company of New Jersey.....	At pleasure of the Commissioner.....	175.60 per ann.....	Action of the Commissioner June 2, 1909.....	131 70
101 feet 2 inches south side of Pier 33, Canal street Pier south with dumping board privilege	Henry Steers, inc, assignee.....	July 1, 1901, to July 1, 1911 July 1, 1911, to July 1, 1921	2,800.00 per ann..... 2,940.00 per ann.....	Resolution July 1, 1901. Action of the Commissioner June 24, 1905, and Feb. 1, 1909.....	2,800 00
100 feet north side inner end of Canal street Pier South, and 27 feet of bulkhead northerly.....	L. E. Muller.....	At pleasure of the Commissioner.....	1,800.00 per ann.....	Action of the Commissioner, May 1, 1908 and May 1, 1900.....	1,762 50
Southerly side outer end and entire surface of pier 34, and 75 feet of bulkhead southerly.....	Lehigh Valley Railroad Company.....	10 years from date of occupation with a renewal term of 10 years	1st term \$65,000.00. 2d term 10 % advance.....	Action of the Commissioner, Dec. 17, 1907. Approved by Sinking Fund, Dec. 18, 1907.....	.....
Pier 34, Canal street Pier North, and 75 feet of bulkhead each side.....	Southern Pacific Company, assignee.....	Sept. 1, 1899, to Sept. 1, 1909.....	63,172.94 per ann.....	Resolutions, April 2, 1899; Nov. 12, 1891; June 2, 1892; Oct. 6, 1898; Dec. 31, 1901, and July 21, 1902.....	63,172 96

Bulkhead between Piers 34 and 35, use of entire slip between said Piers and land under water (25x100) for platform, south side inner end of Pier 35 with privilege of shedding same.....	Ocean Steamship Company of Savannah.....	From date of occupation to May 1, 1913, with renewal term of 10 years.....	15,000.00 per ann..... 2d term 10% advance.....	Action of the Commissioner, Dec. 17, 1907. Approved by Sinking Fund, Dec. 18, 1907.....	.....
Pier 35 Spring street Pier North as extended and bulkheads north and south.....	Ocean Steamship Company of Savannah.....	May 1, 1903, to May 1, 1913 May 1, 1913, to May 1, 1923	52,205.04 per ann..... 54,815.29 per ann.....	Action of the Commissioner, Mar. 11, 1903. Approved by Sinking Fund, April 1, 1903.....	52,205 04
Space on marginal street at approach to Pier 36, Charlton street Pier south.....	Clyde Steamship Company.....	At pleasure of the Commissioner.....	644.96 per ann.....	Action of the Commissioner, May 1, 1908 and May 1, 1909.....	624 80
Pier 36, Charlton street, Pier South, as extended, and bulkhead north and south.....	Wm. F. Clyde & Co.....	June 1, 1901, to June 1, 1911..... June 1, 1911, to June 1, 1921..... June 1, 1921, to June 1, 1931.....	45,000.00 per ann..... 47,250.00 per ann..... 49,612.50 per ann.....	Resolution, May 31, 1901.....	45,000 00
Pier 37, Charlton street Pier; Pier 38, King street Pier, together with adjoining bulkheads	Southern Pacific Company.....	April 1, 1903, to April 1, 1913..... April 1, 1913, to April 1, 1923.....	116,363.67 per ann..... 128,000.04 per ann.....	Action of the Commissioner, April 20, 1903. Approved by Sinking Fund, May 20, 1903.....	116,363 68
Bulkheads north and south of Pier 39, West Houston street Pier.....	National Steamship Company.....	May 1, 1901, to May 1, 1911	5,250.00 per ann.....	Resolutions, Nov. 25, 1898, and Feb. 1, 1901.....	5,250 00
Pier 39, West Houston street Pier, as extended.....	National Steamship Company.....	May 1, 1901, to May 1, 1911	40,735.43 per ann.....	Resolutions, April 23, 1891; Nov. 23 and Dec. 7, 1900; Feb. 1, 1901, and Oct. 17, 1902.....	40,735 44
Pier 39, West Houston street Pier and bulkheads north and south of same.....	Central Railroad of New Jersey with privilege to sublet northerly side and bulkheads together with Manhattan Terminal Co.....	From date of occupation for ten years, with a renewal term of ten years.....	1st term \$57,500.00. 2d term 10% advance.....	Action of the Commissioner Feb. 2, 1907 and June 3, 1909. Approved by Sinking Fund Feb. 20, 1907.....	.....
Pier 40, Clarkson street Pier, and half bulkheads north and south, with privilege of shedding same.....	New England Navigation Company.....	July 1, 1904, to May 1, 1913 May 1, 1913, to May 1, 1923 May 1, 1923, to May 1, 1933	48,231.78 per ann..... 50,643.37 per ann..... 53,175.54 per ann.....	Action of the Commissioner, May 23, 1904 and April 24, 1907. Approved by Sinking Fund, June 14, 1904.....	48,231 77
Pier 41, Leroy street Pier, and bulkheads north and south of same.....	Delaware, Lackawanna & Western Railroad Company.....	June 1, 1900, to June 1, 1910..... June 1, 1910, to June 1, 1920..... June 1, 1920, to June 1, 1930.....	37,800.00 per ann..... 39,690.00 per ann..... 41,674.50 per ann.....	Resolution, Mar. 16, 1900.....	37,800 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
New-made land in rear of bulkhead between Piers 41 and 42 for tunnel shafts, etc.	Hudson & Manhattan Railroad Company	At pleasure of the Commissioner	2,530.00 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	\$1,054 17
Pier 42, Morton street Pier.	Compagnie Generale Transatlantique	Nov. 1, 1901, to Nov. 1, 1911.	48,825.00 per ann.	Resolutions, Dec. 23, 1890, and July 1, 1901.	48,825 00
Pier 42, Morton Street Pier and 94 feet of bulkhead southerly.	Royal Mail Steam Packet Company, with privilege to sublet portion of pier to Great Northern Paper Co.	For a term of ten years from date of occupation with two renewal terms of ten years each	1st term \$60,000.00 per ann. 10% advance for each renewal term.	Action of the Commissioner, Nov. 6, 1907 and Jan. 8, 1909. Approved by the Sinking Fund, Nov. 13, 1907.	2,500 00
120 feet of bulkhead next northerly of Pier 42 with privilege of maintaining coal handling devices	William Farrell and Son.	Feb. 1, 1909, to Feb. 1, 1914 Feb. 1, 1914, to Feb. 1, 1924	2,500.00 per ann. 2,625.00 per ann.	Action of the Commissioner, Dec. 16, 1908, and Sept. 8, 1909. Approved by the Sinking Fund, Jan. 13, and Oct. 20, 1909.	100 00
Refreshment privileges on Pier 43, Barrow street Pier.	Joseph Seider.	Season, 1909.	100.00 for season.	Action of the Commissioner, May 28, 1909.	100 00
Booths on Recreation Piers at Pier 43, and foot Fifth street, N. R., Third and Twelfth streets, E. R., and One Hundred and Twelfth street, H. R., for distribution of milk	Nathan Straus.	Season, 1909.	5.00 for season.	Action of the Commissioner, May 19, 1909.	5 00
Southerly side outer end of Pier 43, Barrow street Pier.	Catskill & New York Steamboat Company.	Jan. 1, 1902, to Jan. 1, 1912	6,666.67 per ann.	Resolution, Dec. 6, 1901.	6,666 68
Southerly side inner end of Pier 43, Barrow street Pier.	Saugerties & New York Steamboat Company.	Jan. 1, 1902, to Jan. 1, 1912	3,333.33 per ann.	Resolution, Dec. 27, 1901.	3,333 36
223 feet of the inner southerly side of Barrow street Pier 43.	Saugerties & New York Steamboat Company.	Dec. 31, 1911, to Dec. 31, 1921.	3,666.67 per ann.	Action of the Commissioner, Oct. 28, 1909. Approved by the Sinking Fund, Nov. 18, 1909.	55 00
Use of reclaimed land for car tracks foot of Christopher street.	New York City Railway Company.	At pleasure of the Commissioner.	220.00 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	216 75
Use of marginal street, foot of Christopher street for car tracks.	Metropolitan Street Railway Company.	At pleasure of the Commissioner.	289.00 per ann.	Action of the Commissioner, May 1 and Aug. 18, 1909.	55 00
Privilege of maintaining candy, gum and weighing machines on Pier 43 and other Recreation Piers in Manhattan.	H. P. Miles.	Season, 1909.	175.00 per season.	Action of the Commissioner, May 25, 1909.	175 00
Privilege to land Floating Hospitals at various piers on North and East Rivers.	St. John's Guild.	Season, 1909.	5.00 per season.	Action of the Commissioner, June 24, 1909.	5 00
Pier 44, Christopher street Pier; Pier 45, West Tenth street Pier; bulkhead between and 83½ feet of bulkhead northerly of Pier 45.	Clyde Steamship Company Pier 44 and bulkhead assigned to Lehigh Valley Railroad Company.	July 1, 1899, to July 1, 1909 July 1, 1909, to July 1, 1919 July 1, 1919, to July 1, 1929	67,148.95 per ann. 70,506.40 per ann. 74,081.72 per ann.	Resolutions, June 2, 1899, and Jan. 5, 1900.	68,827 68
Northerly half of bulkhead between Piers 45 and 46.	Central Railroad of New Jersey.	Nov. 1, 1903, to May 1, 1909	2,000.00 per ann.	Action of the Commissioner, Sept. 14, 1903. Approved by Sinking Fund, Oct. 16, 1903.	500 00
83½ feet of bulkhead next southerly of Pier 46, Charles street Pier.	Central Railroad Company of New Jersey.	May 1, 1909, to Oct. 25, 1914. Oct. 25, 1914, to Oct. 25, 1924.	2,600.00 per ann. 2,860.00 per ann.	Action of the Commissioner, Dec. 11, 1908. Approved by the Sinking Fund, April 5, 1909.	1,950 00
Pier 46, Charles street Pier.	Hudson Navigation Company, with right to sub-let south half to the Central Railroad Company of New Jersey	Oct. 25, 1904, to Oct. 25, 1914. Oct. 25, 1914, to Oct. 25, 1924.	39,784.50 per ann. 43,762.95 per ann.	Action of the Commissioner, April 22, 1904, and June 24, 1909. Approved by the Sinking Fund, April 27, 1904.	39,784 52
Privilege to run pipe through bulkhead and under marginal street at Charles street.	Beadleston & Woerz.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Pier 47, Perry street Pier, and shed thereon, and bulkhead between Piers 46 and 47.	Quebec Steamship Company.	May 1, 1901, to May 1, 1911	23,000.00 per ann.	Resolution, Jan. 18, 1901.	23,000 00
Northerly side of platform easterly of approach to Pier 47.	Quebec Steamship Company.	At pleasure of the Commissioner.	1,925.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,925 00
Platform at northeasterly side of approach to Pier 47 with icebridge privilege.	Edwin Huerstel.	Mar. 6, 1904, to Mar. 5, 1909.	3,100.00 per ann.	Public sale, Dec. 9, 1903. Approved by Sinking Fund, Feb. 5, 1904.	300 68
Platform at easterly side of approach to Pier 47 with icebridge privilege.	Foster-Scott Ice Company.	At pleasure of the Commissioner.	3,255.00 per ann.	Action of the Commissioner, Mar. 10, 1909.	499 40
Platform at easterly side of approach to Pier 47 with icebridge privilege.	Foster-Scott Ice Company.	May 1, 1909, to May 1, 1914	3,255.00 per ann.	Action of the Commissioner, Feb. 8, 1909. Approved by the Sinking Fund, Mar. 1, 1909.	2,441 25

## DESCRIPTION OF PROPERTY.

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
110 feet of bulkhead extending southerly from a point 125 feet south of pier 48.	Daniel Norton.	At pleasure of the Commissioner.	3,300.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	\$3,300 00
Pier 48 at or near the foot of West 11th street, together with 125 feet of bulkhead north and south.	Clyde Steamship Company.	10 years from date of occupation with a renewal term of 10 years	85,000.00 per ann. 10% advance for renewal term.	Action of the Commissioner, Jan. 7, 1907. Approved by Sinking Fund, Feb. 20, 1907.	.....
Pier 48, West Eleventh street Pier, with 125 feet of bulkhead each side.	Oceanic Steam Navigation Company.	Jan. 1, 1909, to Jan. 1, 1919 Jan. 1, 1919, to Jan. 1, 1929	88,593.75 per ann. 93,909.38 per ann.	Resolutions, April 8, 1897; Dec. 16, 1898, and Jan. 6, 1899.	88,593 76
Pier 49, Bank street Pier, with 125 feet of bulkhead each side.	Oceanic Steam Navigation Company.	Jan. 1, 1909, to Jan. 1, 1919 Jan. 1, 1919, to Jan. 1, 1929	88,593.75 per ann. 93,909.38 per ann.	Resolutions, April 8, 1897; Dec. 16, 1898, and Jan. 6, 1899.	88,593 76
Pier 49, Bank street Pier, with 125 feet of bulkhead each side.	Southern Pacific Company.	10 years from date of occupation with a renewal term of 10 years	95,000.00 per ann. 10% advance for renewal term.	Action of the Commissioner, Feb. 8, 1907. Approved by Sinking Fund, Feb. 20, 1907.	.....
Southerly half of Pier 50, Bethune street Pier and half of bulkhead southerly.	Southern Pacific Company.	10 years from date of occupation with a renewal term of 10 years	50,000.00 per ann. 10% advance for renewal term.	Action of the Commissioner, June 11, 1907. Approved by Sinking Fund, June 13, 1907.	.....
Southerly half of Pier 50, Bethune street Pier and half of bulkhead southerly.	International Mercantile Marine Company, assignee. Thomas Wilson Sons & Company, Limited.	May 1, 1909, to May 1, 1919 May 1, 1919, to May 1, 1929	88,593.75 per ann. 93,909.38 per ann.	Resolutions, April 8, 1897; Dec. 16, 1898, and April 4, 1899. Action of the Commissioner, June 4, 1906.	87,539 07
Northerly half of Pier 50, Bethune street Pier and half of bulkhead northerly.	Cunard Steamship Company.	June 15, 1899, to June 15, 1909 June 15, 1909, to June 15, 1919 June 15, 1919, to June 15, 1929	76,239.13 per ann. 80,051.09 per ann. 84,854.16 per ann.	Resolutions, April 8, 1897 and May 12, 1899, and action of the Commissioner, June 7, 1909.	76,239 12
Pier 51, Jane street Pier with 125 feet of bulkhead each side.	Southern Pacific Company.	10 years from date of occupation with a renewal term of 10 years	95,000.00 per ann. 10% advance for renewal term.	Action of the Commissioner, Feb. 8, 1907. Approved by Sinking Fund, Feb. 20, 1907.	.....
Pier 51, Jane street Pier, with 125 feet of bulkhead southerly and 115 feet of bulkhead northerly.	Southern Pacific Company.	10 years from date of occupation with a renewal term of 10 years	48,000.00 per ann. 10% advance for renewal term.	Action of the Commissioner, Feb. 8, 1907. Approved by Sinking Fund, Feb. 20, 1907.	.....
Pier 52, Gansevoort street Pier and 125 feet of bulkhead southerly.	Southern Pacific Company.	10 years from date of occupation with a renewal term of 10 years	.....	.....	.....

Pier 52, Gansevoort street Pier and 115 feet of bulkhead south.	Cunard Steamship Company.	June 15, 1899, to June 15, 1909 June 15, 1909, to June 15, 1919 June 15, 1919, to June 15, 1929	40,842.39 per ann. 42,884.51 per ann. 45,457.58 per ann.	Resolutions, April 8, 1897, and May 12, 1899. Action of the Commissioner, June 7, 1909.	40,842.40
Railroad tracks to Piers between West Eleventh street and Gansevoort street.	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner.	248.16 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	227 37
102 feet of bulkhead next northerly of pier 52 with icebridge privilege.	Patrick McDonald.	May 27, 1908, to May 27, 1913.	1,650.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,650 00
Privilege of maintaining suction pipe through bulkhead and under Pier 56.	Manhattan Refrigerating Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Railroad tracks on marginal street between the north side of Bloomfield street and 13th street	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner.	453.20 per ann.	Action of the Commissioner, May 1, 1909.	.....
The inner 497 feet of Pier 53, Bloomfield street Pier, including the platform at the inshore end of said Pier, extending from the southerly side of said Pier to a point 125 feet south of the southerly side of Pier 54.	Cunard Steamship Company, Limited.	10 years from date of occupancy.	22,466.36 per ann.	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.	.....
Pier 53, Bloomfield street Pier, with platform at the inshore end, extending from the southerly side of said Pier to a point 125 feet south of the southerly side of Pier 54.	Cunard Steamship Company, Limited.	10 years from date of occupancy, with two renewal terms of 10 years each.	37,500.00 per ann. (renewal terms at an advance of 10%)	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.	.....
Pier 54, at or near the foot of West Thirteenth street, and bulkhead extending from a point 125 feet south of the southerly side of said Pier to a point 150 feet north of the northerly side of said Pier.	Cunard Steamship Company, Limited.	10 years from date of occupancy, with two renewal terms of 10 years each.	70,000.00 per ann. (renewal terms at an advance of 10%)	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.	.....
Privilege to maintain suction pipe through bulkhead between Thirteenth and Fourteenth sts.	Conron Bros. Co.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
South side of Pier 54.	Manhattan Navigation Co.	At pleasure of the Commissioner.	500.00 per month.	Action of the Commissioner, Aug. 6, 1909.	725.81
South side of Pier 56 and shed on outer end.	Cunard Steamship Company.	At pleasure of the Commissioner.	500.00 per month.	Action of the Commissioner, Jan. 27, 1908, and May 1, 1909.	6,000 00
Space for awning shed on marginal street between Little West Twelfth and Thirteenth streets.	Swift & Co.	At pleasure of the Commissioner.	155.60 per ann.	Action of the Commissioner, May 8, 1908, and May 1, 1909.	150 74



DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER</b>					
Pier 56 at or near the foot of West Fourteenth street, and bulkhead extending from a point 150 feet south of the southerly side of said Pier to a point 125 feet north of the northerly side of said Pier.....	Cumard Steamship Company, Limited.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	\$300 00
Permission to run pipe under marginal street and through bulkhead at West Fifteenth street.....	National Buiscuit Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, April 26, 1906, and May 1, 1907.....	
Pier 57, at or near the foot of West Fifteenth street, and bulkhead extending from a point midway between Piers 56 and 57 to a point midway between Piers 57 and 58.....	Compagnie Generale Transatlantique.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
Pier 58, at or near the foot of West Sixteenth street and bulkhead extending from a point midway between Piers 57 and 58 to a point midway between Piers 58 and 59.....	International Mercantile Marine Company.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
Temporary occupation of Pier 58.....	Metropolitan Steamship Co.....	At pleasure of the Commissioner.....	750.00 per month.....	Action of the Commissioner, Oct. 28, 1909.....	1,500 00
South half of Pier 59.....	United Fruit Company.....	At pleasure of the Commissioner.....	500.00 per month.....	Action of the Commissioner, Dec. 13, 1909.....	
Berth for Steamer "Rotterdam" at Pier 59.....	Holland American Line.....	At pleasure of the Commissioner.....	100.00 per day.....	Action of the Commissioner, May 5, 10, 24 and Aug. 14, 1909.....	6,200 00
Pier 59, at or near the foot of West Eighteenth street and bulkhead extending from a point midway between Piers 58 and 59 to a point midway between Piers 59 and 60.....	International Mercantile Marine Company.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
Pier 60, at or near the foot of West Nineteenth street and bulkhead extending from a point 125 feet south of the southerly side of said Pier to a point 125 feet north of the northerly side of said pier.....	International Mercantile Marine Company.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
Pier 61, at or near the foot of West Twenty-first street and bulkhead extending from a point 125 feet south of the southerly side of said Pier to a point 125 feet northerly of the north side of said pier.....	International Mercantile Marine Company.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	70,000.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
Pier 62, at or near the foot of West Twenty-second street, excepting the use of water on the northerly side, and bulkhead extending to a point midway between Piers 61 and 62.....	International Mercantile Marine Company.....	10 years from date of occupancy, with two renewal terms of 10 years each.....	37,500.00 per ann. (renewal terms at an advance of 10%).....	Action of the Commissioner, June 19, 1906. Approved by Sinking Fund, June 20, 1906.....	
300 feet of south side inner end of Pier at West Twenty-second street.....	Iron Steamboat Comp'y	At pleasure of the Commissioner.....	500.00 per mo.....	Action of the Commissioner, May 10 and October 4, 1909.....	2,096 78
Berth on south side of Pier at West Twenty-second street.....	Amning J. Smith.....	At pleasure of the Commissioner.....	300.00 per mo.....	Action of the Commissioner, May 10 and October 4, 1909.....	
Use of marginal street for car tracks in vicinity of West Twenty-third street.....	New York City Railway Company.....	At pleasure of the Commissioner.....	857.50 per ann.....	Action of the Commissioner, May 1, 1909 and August 18, 1909.....	1,071 68
Use of marginal street for car tracks between West 23d and 24th streets.....	Twenty-eighth & Twentieth street Railway Company.....	At pleasure of the Commissioner.....	44.00 per ann.....	Action of the Commissioner, May 1, 1909.....	55 00
Pier 64, West Twenty-fourth street Pier.....	Anchor Line, Henderson Bros, Limited Water rights on south side sub-let to the Pennsylvania Railroad Company.....	Jan. 1, 1902, to Jan. 1, 1912 Jan. 1, 1912, to Jan. 1, 1922 Jan. 1, 1922, to Jan. 1, 1932	25,000.00 per ann..... 26,250.00 per ann..... 27,562.50 per ann.....	Resolutions, Feb. 1, 1901, and Nov. 10, 1905.....	25,000 00
South half of bulkhead between Piers 64 and 65.....	Anchor Line, Henderson Bros., Limited.....	Jan. 1, 1902, to Jan. 1, 1912 Jan. 1, 1912, to Jan. 1, 1922 Jan. 1, 1922, to Jan. 1, 1932	1,000.00 per ann..... 1,050.00 per ann..... 1,102.50 per ann.....	Resolution, July 19, 1901.....	1,000 00
North half of bulkhead between Piers 64 and 65.....	Hamburg American Line	Aug. 1, 1901, to Aug. 1, 1911 Aug. 1, 1911, to Aug. 1, 1921 Aug. 1, 1921, to Aug. 1, 1931	1,000.00 per ann..... 1,050.00 per ann..... 1,102.50 per ann.....	Resolution, July 19, 1901.....	1,000 00
Pier 65, West Twenty-fifth street Pier North.....	Hamburg American Line.	Aug. 1, 1901, to Aug. 1, 1911 Aug. 1, 1911, to Aug. 1, 1921 Aug. 1, 1921, to Aug. 1, 1931	25,000.00 per ann..... 26,250.00 per ann..... 27,562.50 per ann.....	Resolution, July 19, 1901.....	25,000 00
Bulkhead between Piers 65 and 66.....	I. T. Williams & Sons; sub-let to Baltimore & Ohio Railroad Company.....	July 1, 1904, to July 1, 1914	2,475.00 per ann.....	Resolutions, Nov. 3, 1892, and March 11, 1897.....	2,475 00
Railroad tracks on marginal street between Piers 65 and 66.....	Baltimore & Ohio Railroad Company.....	At pleasure of the Commissioner.....	143.44 per ann.....	Action of the Commissioner, May 1, 1908 and May 1, 1909.....	135 08
Land under water for transfer bridge in front of bulkhead between Piers 65 and 66.....	Baltimore & Ohio Railroad Company.....	At pleasure of the Commissioner.....	2,770.08 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	2,770 08

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
Pier 66, West Twenty-sixth street Pier North and land under water for transfer bridge northerly.....	Lehigh Valley Railroad Company; privilege to sub-let to Baltimore & Ohio Railroad Company.....	April 1, 1900, to April 1, 1910..... April 1, 1910, to April 1, 1920.....	30,000.00 per ann..... 31,500.00 per ann.....	Resolution, Jan. 5, 1900.....	\$30,000 00
Land under water out shore of bulkhead line bridge north of said Pier.....	Lehigh Valley Railroad Company.....	At pleasure of the Commissioner.....	201.02 per ann.....	Action of the Commissioner, March 23 and May 1, 1909.....	195 94
Bulkhead between Piers 66 and 67.....	Lehigh Valley Railroad Company, assignees.....	Oct. 1, 1900, to Oct. 1, 1910 Oct. 1, 1910, to Oct. 1, 1920	2,750.00 per ann..... 3,025.00 per ann.....	{ Resolutions, May 29, 1890; Aug. 27, 1891; Jan. 5, and March 30, 1900, and May 7, 1908..... { Public sale, Jan. 30, 1891. Resolutions, Feb. 4, 1892; Nov. 7, 1895; March 23 and April 27, 1900, and Nov. 4, 1903.	2,750 00 27,500 00
Pier 67, West Twenty-seventh street Pier North	Panama Railroad Company assigned to the Erie Railroad Company.....	Feb. 15, 1901, to Feb. 15, 1911.....	27,500.00 per ann.....	{ Action of the Commissioner, July 25, 1903. Approved by Sinking Fund, Aug. 17, 1903.....	3,594 38
Bulkhead between Piers 67 and 68 and land under water for transfer bridge in front of same.....	Erie Railroad Company.....	Nov. 1, 1903, to Nov. 1, 1913.....	5,188.75 per ann.....	{ Action of the Commissioner, July 25, 1903 and June 23, 1909. Approved by the Sinking Fund, Aug. 17, 1903.....	1,784 38
South half of bulkhead between Piers 67 and 68 and land under for transfer bridge in front of same.....	Erie Railroad Company.....	Nov. 1, 1903, to Nov. 1, 1913.....	3,568.75 per ann.....	{ Action of the Commissioner, Nov. 8, 1909.....	810 00
Northerly half of bulkhead between Piers 67 and 68.....	Delaware, Lackawanna & Western R.R. Co.....	Nov. 1, 1903, to Nov. 1, 1913.....	1,620.00 per ann.....	{ Action of the Commissioner, May 1, 1908 and May 1, 1909.....	140 61
Use of marginal street for track turn-out to connect transfer bridge with tracks of Terminal Warehouse Co., between Twenty-seventh and Twenty-eighth streets.....	Erie Railroad Company.....	At pleasure of the Commissioner.....	27½ cents per square foot per ann.....	{ Action of the Commissioner, Nov. 8, 1909.....	.....
Pile platform in front of the northerly half of bulkhead immediately south of Pier 68.....	Delaware, Lackawanna & Western R.R. Co.....	At pleasure of the Commissioner.....	138.60 per ann.....	{ Action of the Commissioner, Nov. 8, 1909.....	.....
Permission to erect shed on the northerly half of the bulkhead between Piers 67 and 68.....	Delaware, Lackawanna & Western R.R. Co.....	At pleasure of the Commissioner.....	10 cents per square foot per annum.....	{ Action of the Commissioner, Nov. 8, 1909.....	.....

Pier 68, foot of West 28th street, and half bulkhead southerly with right to use shed on said pier.....	Delaware, Lackawanna & Western Railroad Company.....	May 1, 1912, to May 1, 1922 May 1, 1922, to May 1, 1932	\$23,000.00 per ann..... 25,300.00 per ann.....	{ Action of the Commissioner, June 25, 1909. Approved by the Sinking Fund, June 30, 1909.....	.....
Pier 68, West Twenty-eighth street Pier North.	John H. Starin; sub-let to Delaware, Lackawanna & Western Railroad Company.....	May 1, 1902, to May 1, 1912.....	13,750.00 per ann.....	{ Resolutions, April 4, 1892; Nov. 9 and Dec. 28, 1893.....	13,750 00
Bulkhead between Piers 68 and 69, with dumping board privilege.....	American Ice Company, assignees.....	Dec. 1, 1901, to Dec. 1, 1911 Dec. 1, 1911, to Dec. 1, 1921 Dec. 1, 1921, to Dec. 1, 1931	750.00 per ann..... 787.50 per ann..... \$26.88 per ann.....	{ Resolutions, Nov. 8, 1901. July 26, 1906, and April 12, 1907.....	750 00
Pier 69, West Twenty-ninth street Pier North.....	Jefferson Hogan; sub-let to Occident Dock Company.....	Nov. 1, 1902, to Nov. 1, 1912.....	13,750.00 per ann.....	{ Resolutions, May 5, and Sept. 29, 1892; Feb. 16, 1893; July 15, 1897; June 26 and Nov. 11, 1902.....	13,750 00
Bulkhead between Piers 69 and 70.....	Thomas Stokes & Sons.....	May 1, 1905, to May 1, 1910.....	2,425.50 per ann.....	{ Action of the Commissioner, Feb. 17, 1905. Approved by Sinking Fund, Feb. 23, 1905.....	2,425 52
175 feet south side outer end of Pier 70, foot of West Thirtieth street.....	New York Contracting & Trucking Company.....	At pleasure of the Commissioner.....	250.00 per mo.....	{ Action of the Commissioner, Dec. 15, 1908, and May 1, 1909.....	2,250 00
Berth on south side of Pier at West Thirtieth street with privilege of maintaining coal hoist	Matthew Wilson & Company.....	At pleasure of the Commissioner.....	900.00 per ann.....	{ Action of the Commissioner, June 18, 1908, and May 1, 1909.....	1,090 00
110 feet of the northerly side outer end of Pier at West Thirtieth street (No. 70) with dumping board privilege.....	M. McGirr Sons Company.....	July 1, 1908, to July 1, 1913.....	2,000.00 per ann.....	{ Action of the Commissioner, June 8, 1908. Approved by Sinking Fund, June 30, 1908.....	2,000 00
Use of inshore or most easterly dump on north side of Pier at West Thirtieth street, known as Pier 70.....	A. H. Hastorf.....	{ Feb. 15, 1908, to Feb. 15, 1913.....	9,235.00 per ann.....	{ Public sale (sealed bids), Jan. 15, 1908. Approved by Sinking Fund, Feb. 26, 1908.....	9,235 00
Pier 71 (West Thirty-first street), Pier 72 (West Thirty-second street), Pier 73 (West Thirty-third street), and bulkhead between Piers 70 and 73; also 55 feet of bulkhead northerly of Pier 73.....	New York Central & Hudson River Railroad Company.....	May 1, 1901, to May 1, 1911.....	61,100.00 per ann.....	{ Resolutions, Jan. 28, 1887; Nov. 13 and 20, 1890; Jan. 25, 1901, and July 1, 1904.....	61,100 00
Extensions to Piers 71 and 73.....	New York Central & Hudson River Railroad Company.....	March 24, 1904, to May 1, 1911.....	12,600.00 per ann.....	{ Action of the Commissioner, March 21, 1903; March 26 and May 4, 1904. Approved by Sinking Fund, May 20, 1903.....	12,600 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
Extension to Pier 72 at West Thirty-second street.....	Pennsylvania, New York & Long Island Railroad Company.....	At pleasure of the Commissioner.....	4,522.50 per ann.....	Action of the Commissioner, May 1, 1907, and May 1, 1908.....	\$1,130 63
Privilege of maintaining car tracks on marginal street, between Thirty-second and Thirty-seventh streets.....	New York Central & Hudson River Railroad Company.....	June 28, 1905, to Oct. 8, 1914, 1914, to Oct. 8, 1924, Oct. 8, 1924, to Oct. 8, 1934	1,580.00 per ann..... 1,800.00 per ann..... 2,000.00 per ann.....	Action of the Commissioner, July 12, 1904, Approved by Sinking Fund, Dec. 21, 1904.....	1,580 00
Privilege of maintaining suction pipe north of Pier 72, West Thirty-second street Pier.....	Pennsylvania, New York & Long Island Railroad Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, May 1, 1907.....	150 00
Tracks on marginal street between Thirty-second and Thirty-third streets.....	New York Central & Hudson River Railroad Company.....	At pleasure of the Commissioner.....	242.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	236 50
Land under water for transfer bridges south of Pier 73, West Thirty-third street Pier.....	New York Central & Hudson River Railroad Company.....	At pleasure of the Commissioner.....	2,317.50 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	2,317 51
Bulkhead from a point 55 feet north of Pier 73 extending northerly 42 feet.....	New York Central & Hudson River Railroad Company.....	Dec. 12, 1903, to May 1, 1911.....	840.00 per ann.....	Action of the Commissioner, Feb 14 1903. Approved by Sinking Fund, March 4, 1903.....	840 00
Site for shed on bulkhead from south side of Pier 73 to a point 97 feet northerly thereof.....	New York Central & Hudson River Railroad Company.....	Dec. 1, 1904, to May 1, 1911.....	1,500.00 per ann.....	Action of the Commissioner, March 28, 1903. Approved by Sinking Fund, Oct. 16, 1903.....	1,500 00
Pier 74, West Thirty-fourth street Pier and shed thereon.....	La. Veloce Navigazione Italiana a Vapore.....	April 1, 1907, to April 1, 1912..... April 1, 1912, to April 1, 1917.....	35,500.00 per ann..... 37,275.00 per ann.....	Action of the Commissioner, Jan. 24, 1907. Approved by Sinking Fund, July 20, 1904.....	35,500 00
Pier 75, West Thirty-fifth street Pier, northerly side with privilege of erecting structures thereon.....	New York Branch Steamboat Company.....	April 1, 1909, to April 1, 1919..... April 1, 1919, to April 1, 1929.....	8,000.00 per ann..... 10,000.00 per ann.....	Action of the Commissioner, June 25, 1908. Approved by Sinking Fund, June 30, 1908.....	5,750 00
Pier 76, West Thirty-sixth street Pier.....	New York Central & Hudson River Railroad Company.....	Oct. 8, 1904, to Oct. 8, 1914 Oct. 8, 1914, to Oct. 8, 1924 Oct. 8, 1924, to Oct. 8, 1934	27,500.00 per ann..... 28,875.00 per ann..... 30,318.75 per ann.....	Action of the Commissioner, July 12 and 15, 1904. Approved by Sinking Fund, Aug. 12, 1904.....	27,500 00
Pier 77, West Thirty-seventh street Pier.....	Pennsylvania Railroad Company.....	July 1, 1901, to July 1, 1911 July 1, 1911, to July 1, 1921	11,000.00 per ann..... 12,000.00 per ann.....	Resolutions, Jan. 30, 1891, and March 1, 1893.....	11,000 00

Pier 78, West Thirty-eighth street Pier.....	Pennsylvania Railroad Company.....	Feb. 15, 1901, to Feb. 15, 1911, 1911, to Feb. 15, 1921	11,000.00 per ann..... 12,000.00 per ann.....	Resolution, Jan. 30, 1891.....	11,000 00
Land under water for platform in front of premises southeast corner of Thirty-ninth street and Twelfth avenue.....	Swift & Co.....	At pleasure of the Commissioner.....	275.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	275 00
200 feet on south side of Pier 79, West Thirty-ninth street Pier with dumping board privilege	Michael Egan.....	Jan. 1, 1902, to Jan. 1, 1912	1,250.00 per ann.....	Resolution, Dec. 20, 1901.....	1,250 00
160 feet on south side inner end of Pier 79 for ice-bridge.....	Michael J. Sheehy.....	Nov. 1, 1904, to Nov. 1, 1914, 1914, to Nov. 1, 1924	1,800.00 per ann..... 1,890.00 per ann.....	Action of the Commissioner, Oct. 11 and 25, 1904. Approved by Sinking Fund, Oct. 21, 1904.....	1,800 00
175 feet south side of Pier at West Thirty-ninth street, adjoining premises leased to M. J. Sheehy.....	Joseph Stern and Son.....	Nov. 1, 1909, to Nov. 1, 1914, 1914, to Nov. 1, 1924	\$2,100.00 per ann..... 2,310.00 per ann.....	Action of the Commissioner, October 5, 1909. Approved by the Sinking Fund, October 20, 1909.....	525 00
Privilege of maintaining pipe through bulkhead and under Pier at Thirty-ninth street.....	New York Butchers' Dressed Meat Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, June 21, 1906, and May 1, 1907.....	300 00
150 feet on north side inner end Pier 79.....	New York Butchers' Dressed Meat Company.....	April 1, 1904, to April 1, 1914, 1914, to April 1, 1924	1,575.00 per ann..... 1,732.50 per ann.....	Action of the Commissioner, March 4, 1904. Approved by Sinking Fund, March 16, 1904.....	1,575 00
150 feet of north side of Pier 79 at West Thirty-ninth street, beginning at a point 150 feet from inner end and extending westerly.....	New York Butchers' Dressed Meat Company.....	July 1, 1908, to April 1, 1914, 1914, to April 1, 1924	1,800.00 per ann..... 1,980.00 per ann.....	Action of the Commissioner, June 19, 1908. Approved by Sinking Fund, June 30, 1908.....	1,800 00
277 feet north side of Pier 79 at West Thirty-ninth street, for manure dump.....	N. Y. Horse Manure Transportation Company.....	July 1, 1907, to July, 1, 1912, 1912, to July 1, 1917.....	3,000.00 per ann..... 3,300.00 per ann.....	Action of the Commissioner, May 31, 1907. Approved by Sinking Fund, June 5, 1907.....	3,000 00
Land under water for platform, southerly about 66 feet from West Fortieth street.....	Curtis Blaisdell Co.....	At pleasure of the Commissioner.....	254.10 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	254 12
Outer 700 feet of the Pier at the foot of West Fortieth street.....	Central Railroad Company of New Jersey.....	10 years from occupation with two renewal terms of 10 years each	18,900.00 per ann..... Renewal terms at an advance of 10 per cent.	Action of the Commissioner, June 25, 1909. Approved by the Sinking Fund, June 30, 1909.....	.....
250 feet on northerly side of approach to Pier at West Fortieth street.....	Union Stock Yard and Market Company.....	At pleasure of the Commissioner.....	350.00 per month.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	4,050 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
Berth 100 feet in length for manure scow foot of West Fortieth street.	P. F. & W. A. Kane.	At pleasure of the Commissioner.	900.00 per ann.	Action of the Commissioner, September 9, 1909.	\$450 00
Berth 100 feet in length for manure scow foot of West Fortieth street.	D. Devine.	At pleasure of the Commissioner.	75.00 per mo.	Action of the Commissioner, May 1, 1908 and May 1, 1909.	450 00
Privilege to run 6-inch pipe through bulkhead foot of West Fortieth street.	Joseph Stern & Sons.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Privilege of maintaining suction pipe through bulkhead foot of West Fortieth street.	Joseph Haberman.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Privilege of maintaining suction pipe through bulkhead at West Fortieth street.	J. M. & P. Scaulon.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Privilege of maintaining suction pipe through bulkhead at West Fortieth street.	Figge & Hutwelker Bros.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Privilege of maintaining suction pipe through bulkhead at Fortieth street.	David Shannon Company	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, Nov. 23, 1908.	259 52
South side outer end and surface of Pier at West Forty-first street together with 75 feet on north side outer end.	Eben E. Olcott; permission to sub-let portion of pier to Central Railroad of New Jersey.	Nov. 28, 1904, to Nov. 28, 1914.	8,000.00 per ann.	Action of the Commissioner, Dec. 12, 1903; Nov. 28, 1904, and Jan. 31, 1905. Approved by Sinking Fund, Dec. 16, 1903.	8,000 00
South side inner end and surface of Pier foot West Forty-first street.	Central Railroad Company of New Jersey.	July 1, 1909, to Nov. 28, 1914.	1,200.00 per ann.	Action of the Commissioner June 2, 1909. Approved by the Sinking Fund, June 11, 1909.	600 00
Pier between Forty-second and Forty-third streets and 120 feet of bulkhead northerly thereof, with privilege of shedding.	New York Central & Hudson River Railroad Company.	May 15, 1907, to May 15, 1917.	18,100.00 1st term.	Action of the Commissioner Oct. 31, 1905, and Jan. 28, 1908. Approved by Sinking Fund, Nov. 15, 1905.	18,100 00
Pier at West Forty-fourth street and 120 feet of bulkhead southerly.	United States Transportation Company. Permit granted to sub-let portion of pier to Cie. Generale Transatlantique.	Mar. 1, 1908, to Mar. 1, 1918.	25,000.00 per ann.	Action of the Commissioner, Jan. 28, 1908, and January, 8, 1909. Approved by Sinking Fund, Feb. 26, 1908.	25,000 00
Berth 200 feet in length on north side of Pier at foot of West Forty-fifth street.	Bernard Campbell & Company.	At pleasure of the Commissioner.	150.00 per mo.	Action of the Commissioner, April 16, and May 1, 1908.	29 59
North side (one half of) inner end of Pier at West Forty-sixth street.	American Ice Company.	At pleasure of the Commissioner.	2,500.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	2,500 00
165 feet of the north side of Pier at West Forty-seventh street with privilege of maintaining manure dump.	Bernard Campbell & Company.	Jan. 1, 1909, to Nov. 25, 1912.	2,000.00 per ann.	Action of the Commissioner, Nov. 13, 1908. Approved by Sinking Fund, Dec. 9, 1908.	2,000 00
200 feet north side of Pier at West Forty-seventh street with dumping board privilege.	Bouker Contracting Company.	Nov. 25, 1907, to Nov. 25, 1912.	1,575.00 per ann.	Sealed bids Oct. 23, 1907. Action of the Commissioner, Nov. 14, 1907. Approved by Sinking Fund, Nov. 13, 1907.	1,575 00
Berth on south side of pier at West Forty-eighth street.	The Texas Company.	At pleasure of the Commissioner.	75.00 per mo.	Action of the Commissioners, Sept. 1, 1909.	290 00
Pier and approach at West Forty-ninth street.	Erie Railroad Company.	Nov. 1, 1901, to Nov. 1, 1911.	12,000.00 per ann.	Resolution, Oct. 29, 1891.	12,000 00
Privilege to maintain suction pipe through bulkhead at West Forty-ninth street.	Dealers' Hygiene Ice Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Refreshment privileges on Recreation Pier at West Fiftieth street.	Theodore Remsin.	Season of 1909.	25.00 per ann.	Action of the Commissioner, May 28, 1909.	25 00
South half of Pier at West Fifty-first street, with right to shed, 25 x 70 feet.	Cornell Steamboat Company.	Aug. 1, 1903, to Aug. 1, 1913.	4,300.00 per ann.	Action of the Commissioner, Feb. 6 and 21, 1903. Approved by Sinking Fund, March 11, 1903.	4,300 00
Space on upland between Fifty-first and Fifty-second streets.	Consolidated Telegraph & Electrical Subway Company.	At pleasure of the Commissioner.	1,350.00 per ann.	Action of the Commissioner, May 1, 1909.	900 00
Berth for manure boat at bulkhead north of West Fifty-second street.	John Donnelly.	At pleasure of the Commissioner.	75.00 per mo.	Action of the Commissioner, May 1, 1909.	600 00
150 feet north side inner end of Pier at West Fifty-fourth street, with ice-bridge privilege.	Silver Point Ice Company.	At pleasure of the Commissioner.	1,800.00 per ann.	Action of the Commissioner, Aug. 5, 1909.	900 00
150 feet north side inner end of Pier at West Fifty-fourth street, with ice-bridge privilege.	Silver Point Ice Company.	Sept. 1, 1904, to Sept. 1, 1909.	1,800.00 per ann.	Action of the Commissioner, July 20, 1904. Approved by Sinking Fund, Aug. 12, 1904.	900 00
Bulkhead between West Fifty-fourth and West Fifty-fifth streets.	Stellan Asphalt Paving Company, assignees.	April 1, 1905 to April 1, 1915.	3,025.00 per ann.	Resolutions, Sept. 18 and Oct. 23, 1891; Jan. 16, 1896; March 4 and April 7, 1898, and Jan. 4, 1905.	3,025 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
Spaces on upland between Fifty-fourth and Fifty-fifth streets.	Stieffan Asphalt Paving Company	At pleasure of the Commissioner	1,350.00 per ann.	Action of the Commissioner, May 1, 1909.	900 00
200 feet on south side Pier at West Fifty-fifth street, with dumping board privilege.	Henry Steers, Inc., Assignee.	July 1, 1901, to July 1, 1911 July 1, 1911, to July 1, 1921	1,250.00 per ann. 1,312.50 per ann.	Resolution, July 1, 1901. Action of the Commissioner, June 24, 1905, and Feb. 1, 1909.	1,250 00 1,700 00
South side outer end and surface of Pier at West Fifty-sixth street, with use of water for 50 feet on north side.	Seaboard Contracting Company	Dec. 1, 1901, to Dec. 1, 1911 Dec. 1, 1911, to Dec. 1, 1921	1,700.00 per ann. 1,785.00 per ann.	Resolution, Nov. 22, 1901.	1,700 00
100 feet of bulkhead next southerly of Pier at West Fifty-sixth street, with crane and coal pocket.	J. Eltz & Son.	At pleasure of the Commissioner	900.00 per ann.	Action of the Commissioner, Dec. 6, 1909.	15,000 00
Northerly side outer end and surface of Pier at West Fifty-eighth street, with privilege of maintaining suction and discharge tunnels, etc.	Interborough Rapid Transit Company.	Oct. 9, 1903, to Oct. 9, 1913, with four renewal terms of ten years each, rental for the renewal terms to be fixed by arbitration.	15,000.00 per ann.	Action of the Commissioner, April 1, 1902; Dec. 4, 1903, and Aug. 18, 1904. Approved by Sinking Fund, Oct. 16, 1903.	14,000 00 15,435.00 per ann.
Pier at West Fifty-ninth street and shed thereon	New York Central & Hudson River Railroad Company.	Oct. 1, 1901, to Oct. 1, 1911 Oct. 1, 1911, to Oct. 1, 1921 Oct. 1, 1921, to Oct. 1, 1931	14,000.00 per ann. 14,700.00 per ann. 15,435.00 per ann.	Resolutions, May 18, 1900, and Oct. 4, 1901.	275 00
Southerly half of bulkhead at West Sixtieth street.	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner	275.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	8,000 00
Land under water between West Sixtieth and West Sixty-fifth streets for the erection of two Piers.	New York Central & Hudson River Railroad Company.	Aug. 1, 1904, to Aug. 1, 1914. Aug. 1, 1914, to Aug. 1, 1924.	8,000.00 per ann. 9,000.00 per ann.	Resolutions, April 23, 1884, and Jan. 11, 1894.	553 51
Land under water for transfer bridge south side company's Pier "B", foot West Sixty-third street.	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner	553.50 per ann.	Action of the Commissioner, Oct. 21, and Nov. 1, 1905; June 1, 1906; July 24, 1907, and May 1, 1908, and May 1, 1909.	18,344 15
Land under water between south side of West Sixty-ninth street and south line of West Seventy-second street, westerly to establish pierhead line of 1868.	New York Central & Hudson River Railroad Company.	May 1, 1900, to May 1, 1910	18,344.15 per ann.	Resolution, April 28, 1880. Action of the Commissioner, June 16, 1905.	216 00
Land under water for extension to Pier "I," between West Sixty-ninth and West Seventy-ninth streets.	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner	216.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	4,800 00
Pier at West Seventy-ninth street.	New York Contracting & Trucking Company.	Aug. 1, 1901, to Aug. 1, 1911. Aug. 1, 1911, to Aug. 1, 1921. Aug. 1, 1921, to Aug. 1, 1931.	1,200.00 per ann. 1,260.00 per ann. 1,323.00 per ann.	Resolution, July 19, 1901.	900 00
340 feet south side inner end of Pier at West 79th street with dumping board privilege.	New York Contracting & Trucking Company.	May 1, 1909, to May 1, 1919 May 1, 1919, to May 1, 1921	1,200.00 per ann. 1,320.00 per ann.	Action of the Commissioner, April 8, 1908 and Feb. 8, 1909. Approved by the Sinking Fund, April 5, 1909.	945 41
Privilege of maintaining cablehouse on pier at West 79th street.	New England Telegraph Company.	At pleasure of the Commissioner	300.00 per ann.	Action of the Commissioner, Oct. 13, 1909.	3,500 00 3,500 00
100 feet of bulkhead next northerly of West Seventy-ninth street and about 2,000 square feet of upland in rear of same, with privilege of maintaining scales and coal hopper.	Thomas Ward.	Dec. 1, 1908, to Dec. 1, 1913	1,200.00 per ann.	Action of the Commissioner, Nov. 11, 1908. Approved by Sinking Fund, Jan. 13, 1909.	3,500 00 3,500 00
Bulkhead from a point 188 feet south of West Ninety-sixth street extending southerly about 172 feet, and upland in rear of bulkhead between Ninety-fifth and Ninety-sixth streets.	Curtis-Blaisdell Company.	Jan. 1, 1905, to Jan. 1, 1915	3,500.00 per ann.	Action of the Commissioner, Dec. 27, 1904. Approved by Sinking Fund, Jan. 11, 1905.	3,500 00
188 feet of bulkhead next southerly of Ninety-sixth street, and upland in rear of same.	John P. Kane Company.	March 1, 1901, to March 1, 1911.	3,500.00 per ann.	Resolution, May 3, 1901.	3,600 00
Pier at West Ninety-sixth street, with privilege of maintaining dumping board.	New York Contracting & Trucking Company.	Dec. 27, 1901, to Dec. 27, 1911. Dec. 27, 1911, to Dec. 27, 1921. Dec. 27, 1921, to Dec. 27, 1931.	3,600.00 per ann. 3,780.00 per ann. 3,969.00 per ann.	Resolution, July 1, 1901. Minutes, Dec. 20 and 31, 1901.	4,400 00
Bulkhead extending from the northerly line of Pier at West Ninety-sixth street to southerly line of Pier at West Ninety-seventh street (180 ft.), and upland in rear of same extending inshore a distance of 100 feet, for purpose of maintaining a coal yard, and with right to erect fence, etc.	Weber - Bunke - Lange Coal Company.	March 1, 1904, to March 1, 1909. March 1, 1909, to March 1, 1914.	4,000.00 per ann. 4,400.00 per ann.	Action of the Commissioner, Dec. 7, 1903, and June 28, 1904. Approved by Sinking Fund, Dec. 16, 1903.	1,203 13
215 feet south side inner end of pier at West Ninety-seventh street, with dumping board privilege.	Theresa, A. S. Sheridan.	At pleasure of the Commissioner	2,062.00 per ann.	Action of the Commissioner, Jan. 13, 1909.	1,546 89
215 feet south side inner end of pier at West Ninety-seventh street, with dumping board privilege.	Theresa, A. S. Sheridan.	May 1, 1909, to May 1, 1914 May 1, 1914, to May 1, 1919	2,062.00 per ann. 2,268.75 per ann.	Action of the Commissioner, April 14, 1909. Approved by the Sinking Fund, May 5, 1909.	900 00
Berth and steam hoist on south side Pier at West Ninety-seventh street.	James Thedford.	At pleasure of the Commissioner	900.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	900 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
Refreshments privilege on Pier at West One Hundred and Twenty-ninth street.	Richard Josephs.	Season, 1909.	25.00 per season.	{ Action of the Commissioner, May 28, 1909.	\$25 00
Outer end, 20 feet of north and south side, and 90 feet of the surface of Pier at One Hundred and Twenty-ninth street.	Eben E. Olecott.	July 1, 1907, to July 1, 1912	3,600.00 per ann.	{ Action of the Commissioner, June 2, and Aug. 19, 1902. Approved by Sinking Fund, July 1, 1902.	3,600 00
Temporary baggage room about 15 feet square on pier at West One Hundred and Twenty-ninth street.	E. E. Olecott.	At pleasure of the Commissioner.	25.00 per mo.	{ Action of the Commissioner, June 9, 1909.	125 00
Outer end, 20 feet of north and south sides and 171 feet of the surface of pier at One Hundred and Twenty-ninth street.	Eben E. Olecott.	10 years from date of completion with renewal term of 10 years	6,412.50 per ann. 7,053.75 per ann.	{ Action of the Commissioner, Oct. 19, 1909. Approved by the Sinking Fund, Dec. 15, 1909.	2,098 75
South side of Pier at West One Hundred and Twenty-ninth Street.	Iron Steamboat Company.	At pleasure of the Commissioner.	500.00 per mo.	{ Action of the Commissioner, March 25, 1909.	909 88
Privilege of landing excursion boats on north side of Pier at West One Hundred and Twenty-ninth street.	Anning J. Smith.	At pleasure of the Commissioner.	300.00 per mo.	{ Action of the Commissioner, April 5, 1909.	102
Bulkhead extending from south line of One Hundred and Thirty-first street, southerly 125 feet and about 10,000 square feet upland in rear of same for coal yard with right to erect hoppers, trestle, etc.	Weber-McLaughlin Company.	May 1, 1907, to May 1, 1917	2,640.00 per ann. 2,904.00 per ann.	{ Action of the Commissioner, March 21, 1907. Approved by Sinking Fund, April 3, 1907.	2,640 00
Privilege of maintaining scales on upland south of coal yard, between One Hundred and Thirtieth and One Hundred and Thirty-first streets	Weber-McLaughlin Company.	At pleasure of the Commissioner.	27.50 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	27 52
Berth for unloading coal south side of pier at West One Hundred and Thirty-first street.	R. Golla.	At pleasure of the Commissioner.	600.00 per ann.	{ Action of the Commissioner, June 28, 1909.	450 00
Berth for unloading coal south side of pier at West One Hundred and Thirty-second street.	William Brennan.	At pleasure of the Commissioner.	600.00 per ann.	{ Action of the Commissioner, June 8, 1909.	450 00
Pier foot of West 131st street together with 90 feet of bulkhead, northerly.	Mahabattan Terminal Company.	Ten years from date of occupation with renewal term of 10 years.	9,250.00 per ann. 10,175.00 per ann.	{ Action of the Commissioner, Oct. 25, 1909. Approved by Sinking Fund, Dec. 22, 1909.	1,500 00
150 feet south side inner end of Pier at West One Hundred and Thirty-second street.	M. J. Sheehy.	May 1, 1908, to May 1, 1913 May 1, 1913, to May 1, 1918	1,500.00 per ann. 1,650.00 per ann.	{ Action of the Commissioner, April 1, 1908. Approved by Sinking Fund, April 14, 1908.	1,500 00
North side inner end of Pier at One Hundred and Thirty-third street, with dumping board privilege.	John Fleming.	At pleasure of the Commissioner.	1,200.00 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,147 50
Bulkhead from south side of West One Hundred and Thirty-fifth street, extending northerly about 460 feet, and upland in rear of same.	John J. Hopper, with permission to sub-let a portion of premises to New York Central & Hudson River Railroad Company.	Nov. 1, 1903, to Nov. 1, 1913.	3,000.00 per ann.	{ Action of the Commissioner, July 11, 1903. Approved by Sinking Fund, July 27, 1903.	3,000 00
Bulkhead at West One Hundred and Forty-third street, with privilege to lay tracks across said street.	New York Central & Hudson River Railroad Company.	At pleasure of the Commissioner.	110.00 per ann.	{ Action of the Commissioner, May 1, 1907, and May 1, 1908.	27 50
Premises between One Hundred and Forty-ninth and One Hundred and Fiftieth streets, between right of way of New York Central & Hudson River Railroad Company and bulkhead line, for erection of bathing houses, etc.	Neptune Bathing Company, assignees.	Jan. 1, 1902, to Jan. 1, 1912 Jan. 1, 1912, to Jan. 1, 1922	300.00 per ann. 315.00 per ann.	{ Resolution, Dec. 6, 1901. Action of the Commissioner, Sept. 2, 1904.	325 00
Pier at West One Hundred and Fifty-second street.	John C. Rodgers.	At pleasure of the Commissioner.	110.00 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	82 50
Land under water for bath houses, float, etc., between One Hundred and Fifty-fourth and One Hundred and Fifty-fifth streets.	Philip F. Donohue.	April 1, 1899, to April 1, 1909 April 1, 1909, to April 1, 1919.	250.00 per ann. 262.60 per ann.	Resolution, March 24, 1899.	103
Permit to maintain boat house north of West One Hundred and Sixty-third street.	A. Marshall.	At pleasure of the Commissioner.	100.00 per ann.	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.	100 00
Boat house, etc., foot of West Two Hundred and Fourth street.	Edward A. Hamilton.	At pleasure of the Commissioner.	100.00 per ann.	{ Action of the Commissioner, May 9, 1908. Action of the Commissioner, May 1, July 2 and October 22, 1908.	25 00
Boat house, etc., foot of West Two Hundred and Fourth street.	Schmidt and Kramer.	At pleasure of the Commissioner.	100.00 per ann.	{ Action of the Commissioner, May 4, 1908.	100 00
Boat house, etc., between West Two Hundred and Fourth and Two Hundred and Fifth streets.	Richard Cox.	At pleasure of the Commissioner.	100.00 per ann.	{ Action of the Commissioner, May 4, 1908.	100 00
<b>EAST RIVER</b>					
Pier 4 and half bulkheads adjoining, Broad street Pier, with right to use sheds thereon.	New York Central & Hudson River Railroad Company.	June 1, 1901, to June 1, 1911, with privilege of two renewal terms of ten years each.	23,367.40 1st term. 24,535.77 2d term. 25,762.50 3d term.	{ Resolutions, March 16, 1900, April 4 and May 31, 1901.	23,367 40
Pier 7 as widened and extended, Coenties Slip Pier and half bulkheads adjoining, and right to shed pier.	Erie Railroad Company.	Aug. 1, 1907, to Aug. 1, 1917. Aug. 1, 1917, to Aug. 1, 1927. Aug. 1, 1927, to Aug. 1, 1937.	25,000.00 1st term. 26,250.00 2d term. 27,562.50 3d term.	{ Action of the Commissioner, Mar. 14, 1906. Approved by Sinking Fund, March 22, 1905.	25,000 00

## DESCRIPTION OF PROPERTY.

## LESSEE OR OCCUPANT.

## TERM OF TENANCY.

## RENT.

## RIGHT OF TENANCY.

## RECEIVED.

## EAST RIVER.

Pier 8, Coenties Slip Pier East, and half bulkhead easterly.....	Compania Transatlantica	Nov. 1, 1907, to Nov. 1, 1917, to Nov. 1, 1917, to Nov. 1, 1927.	30,000.00 1st term. 33,000.00 2d term.	Action of the Commissioner, Jan. 31, 1906. Approved by Sinking Fund Feb. 21, 1906.	\$30,000 00
Pier 9, Old Slip Pier with half bulkheads adjoining.....	Munson Steamship Line.	Nov. 1, 1907, to Nov. 1, 1917, to Nov. 1, 1927.	30,000.00 per ann. 33,000.00 per ann.	Action of the Commissioner, Dec. 6, 1905; Jan. 7, and Nov. 7, 1907. Approved by Sinking Fund, Dec. 27, 1905.	30,000 00
Pier 10, Old Slip Pier, East.....	New York and Baltimore Transportation Line, Dec. 7, 1906, permit to sub-let to the Enterprise Transportation Company, one-half of pier.....	Aug. 1, 1906, to Aug. 1, 1916, to Aug. 1, 1926.	30,000.00 per ann. 33,000.00 per ann.	Action of the Commissioner, Jan. 31, 1906. Approved by Sinking Fund, Feb. 21, 1906.	30,000 00
Pier 12, and shed thereon, Wall street Pier.....	United States Government.	July 1, 1908, to July 1, 1909 July 1, 1909, to July 1, 1910	13,600.00 per ann. 13,700.00 per ann.	Action of the Commissioner, Jan. 23, 1902. Approved by Sinking Fund, Feb. 5, 1902.	13,641 68
Land under water for platform between west side of Pier 13 and Wall street Ferry.....	New York and Cuba Mail Steamship Company.....	Aug. 1, 1906, to Aug. 1, 1916, to Aug. 1, 1926.	3,900.00 per ann. 4,290.00 per ann.	Action of the Commissioner, July 18, 1906. Approved by Sinking Fund, July 31, 1906.	3,900 00
Land under water for ferry racks along the westerly side of Pier New 13.....	Union Ferry Company.....	At pleasure of the Commissioner.....	9,000.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	6,750 00
Pier 13, Wall street Pier east, and half bulkhead easterly.....	New York & Cuba Mail Steamship Company.....	Aug. 1, 1906, to Aug. 1, 1916, to Aug. 1, 1926	21,000.00 1st term. 23,100.00 2d term.	Action of the Commissioner, Dec. 2, 1905, and July 9, 1906. Approved by Sinking Fund, Dec. 13, 1905.	21,000 00
Pier 14, Maiden Lane Pier west, and half bulkheads adjoining.....	New York & Cuba Mail Steamship Company.....	Oct. 1, 1906, to Oct. 1, 1916 Oct. 1, 1916, to Oct. 1, 1926	32,500.00 1st term. 33,750.00 2d term.	Action of the Commissioner, Dec. 2, 1905, and Sept. 18, 1906. Approved by Sinking Fund, Dec. 13, 1905.	32,500 00
Pier 15, Burling Slip Pier west, and half bulkheads adjoining.....	Mallory Steamship Company, assignees.....	April 1, 1907, to April 1, 1917, to April 1, 1927.	32,500.00 per ann..... 35,750.00 per ann.....	Action of the Commissioner, Dec. 2, 1905, and Jan. 8, 1907. Approved by Sinking Fund, Dec. 13, 1905.	32,500 00

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Piers 15 and 16, and adjoining bulkheads.....	United Fruit Company, with proviso to sublet Pier 16 and bulkhead southerly to Metropolitan Steamship Company.....	10 years from date of occupation with renewal term of ten years.....	70,000.00 per ann. 77,000.00 per ann.	Action of the Commissioner, Dec. 29, 1909. Approved by Sinking Fund, Dec. 29, 1909.....	.....
Bulkhead southerly of Pier 16.....	New York & Texas Steamship Company, Jan. 18, 1907. Assigned to Mallory Steamship Company.....	Aug. 7, 1903, to June 1, 1912 June 1, 1912, to June 1, 1922	2,500.00 1st term. 2,750.00 2d term.	Action of the Commissioner, May 7, 1902, and Aug. 12, 1903. Approved by Sinking Fund, June 4, 1902.	2,500 00
Pier 16, Burling Slip Pier, east.....	New York & Texas Steamship Company, Jan. 8, 1907. Assigned to Mallory Steamship Company.....	June 4, 1902, to June 1, 1912 June 1, 1912, to June 1, 1922	16,000.00 1st term. 17,600.00 2d term.	Action of the Commissioner, May 7, 1902. Approved by Sinking Fund, June 4, 1902.	16,000 00
Pier 17, Fulton street Pier east, excepting west side; west half of Pier 18, Beekman street Pier; and bulkhead and land under water for platform between said piers.....	Fulton Market Fish Mongers' Association.....	March 18, 1907, to March 18, 1917, to March 18, 1927, to March 18, 1937.	24,000.00 1st term. 25,200.00 2d term. 27,090.00 3d term.	Approved by Sinking Fund, Dec. 23, 1903.	24,000 00
Space, 119x20 feet, of the east side inner end of Pier 18, Beekman street Pier.....	Independent Wholesale Fish Dealers' Association.....	Nov. 1, 1908, to Nov. 1, 1918, to Nov. 1, 1928, to Nov. 1, 1938.	2,500.00 1st term. 2,625.00 2d term. 2,821.88 3d term.	Approved by Sinking Fund, Dec. 23, 1903.	2,500 00
Easterly half of Pier 18, Beekman street Pier; except 110 feet of the inner end; bulkhead and land under water between Piers 18 and 19, and 105 feet of the south side inner end of Pier 19.....	New York Wholesale Fish Dealers' Association.....	Nov. 1, 1908, to Nov. 1, 1918, to Nov. 1, 1928, to Nov. 1, 1938.	13,500.00 1st term. 14,175.00 2d term. 15,238.13 3d term.	Approved by Sinking Fund, Dec. 23, 1903.	13,500 00
Pier 19, Peck Slip Pier west, and half the bulkhead easterly.....	Hartford & New York Transportation Company.....	Nov. 16, 1904, to May 16, 1914, to May 16, 1924, to May 16, 1934.	25,060.00 1st term. 27,566.00 2d term. 30,322.66 3d term.	Action of the Commissioner, April 21, 1903; May 16 and Dec. 29, 1904. Approved by Sinking Fund, May 13, 1903.	25,060 00
Pier 20, Peck Slip Pier east, and half bulkhead westerly.....	New York, New Haven & Hartford Railroad Company, April # 24, 1908. Assigned to the Hartford and N. Y. Transportation Co.....	March 10, 1904, to March 10, 1914, to March 10, 1924, to March 10, 1934.	27,500.00 1st term. 30,250.00 2d term. 33,275.00 3d term.	Action of the Commissioner, Feb. 4, 1904. Approved by Sinking Fund, Feb. 29, 1904.	27,500 00
Land under water for extension to platform between Piers Old 26 and 27.....	New England Steamship Company.....	At pleasure of the Commissioner.....	490.60 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	490 60

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DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
EAST RIVER.					
Land under water for platform east and west of Pier Old 27.	New England Steamship Company.	At pleasure of the Commissioner.	1,182.50 per ann.	Action of the Commissioner, Oct. 15, 1908, and May 1, 1909.	\$1,182 51
Westerly half of Pier Old 33, and half bulkhead southerly.	Long Island Railroad Company.	At pleasure of the Commissioner.	9,000.00 per ann.	Action of the Commissioner, June 6, 1907, Aug. 31, 1907, and May 1, 1908.	2,250 00
Easterly half of Pier Old 33, Oliver street.	Long Island Railroad Company.	At pleasure of the Commissioner.	3,000.00 per ann.	Action of the Commissioner, May 3, 1907, and May 1, 1908.	750 00
Land under water for platform between Piers Old 32 and 33.	Long Island Railroad Company.	At pleasure of the Commissioner.	1,697.03 per ann.	Action of the Commissioner, May 1, 1907, and May 1 and June 8, 1908.	565 68
Pier 22 and bulkhead and platform northerly.	Long Island Railroad Company.	At pleasure of the Commissioner.	26,500.00 per ann.	Action of the Commissioner, Nov. 30, 1908 and May 1, 1909.	26,500 00
Piers 22 and 25 and bulkhead and platform in front of same (platform about 17,656 sq. feet).	Long Island Railroad Company.	10 years from date of completion with renewal term of ten years.	46,500.00 1st term. 51,150.00 2d term.	Action of the Commissioner, Oct. 8, 1908. Approved by Sinking Fund, Nov. 4, 1908.	106
Pier Old 34 (south side and surface), Pier Old 33, and bulkhead between Piers Old 33 and 34.	Delaware, Lackawanna & Western Railroad Company.	July 1, 1908, to July 1, 1918	8,000.00 per ann.	Action of the Commissioner, June 18, 1908, and Aug. 6, 1908. Approved by Sinking Fund, June 30, 1908.	8,000 00
Pier 27, Catharine street Pier east.	New England Navigation Company, assignees.	Dec. 1, 1899, to Dec. 1, 1909	15,000.00 per ann.	Resolutions, Oct. 20 and Dec. 1, 1899. Action of the Commissioner, April 24, 1908.	15,000 00
Pier 27, Catharine street Pier east.	New England Navigation Company.	Dec. 1, 1909, to Dec. 1, 1919 Dec. 1, 1919, to Dec. 1, 1929	22,500.00 per ann. 24,750.00 per ann.	Action of the Commissioner, Oct. 27, 1909. Approved by Sinking Fund, Dec. 15, 1909.	3,125 00
Pier 28, Market slip Pier west, and bulkhead between Piers 27 and 28.	New England Navigation Company, assignees.	Nov. 1, 1907, to Nov. 1, 1917. Nov. 1, 1917, to Nov. 1, 1927.	42,000.00 per ann. 46,200.00 per ann.	Action of the Commissioner, June 13, 1906, and April 24, 1908. Approved by Sinking Fund, June 20, 1906.	42,000 00

Half bulkhead northerly of Pier 28 (83 feet).	New England Navigation Company, assignees.	Nov. 1, 1907, to Nov. 1, 1917. Nov. 1, 1917, to Nov. 1, 1927. Aug. 15, 1901, to Aug. 15, 1911. Aug. 15, 1911, to Aug. 15, 1921. Aug. 15, 1921, to Aug. 15, 1931.	2,450.00 per ann. 2,695.00 per ann. 25,000.00 per term. 26,250.00 2d term. 27,562.50 3d term.	Action of the Commissioner, Oct. 18, 1907, and April 24, 1908. Approved by Sinking Fund, Oct. 23, 1907. Resolutions, Feb. 8, Oct. 25 and Nov. 8, 1901. Action of the Commissioner, Dec. 4, 1902.	2,450 00 25,000 00
Privilege to moor floating bulkhead on church west of Pier 30, Pike Slip Pier east.	P. E. Church Missionary Society for Seamen.	At pleasure of the Commissioner.	25.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	25 00
Bulkhead between Piers 30 and 31, 130 feet with ice-bridge privilege.	Edward McDonald.	May 1, 1904, to May 1, 1909	1,800.00 per ann.	Action of the Commissioner, April 11 and 20, 1904. Approved by Sinking Fund, April 27, 1904.	450 00
Refreshment privilege on Pier 30.	Joseph Edelson.	Season of 1909.	25.00 per ann.	Action of the Commissioner, May 28, 1909.	25 00
Bulkhead between Piers 30 and 31, 130 feet with ice-bridge privilege.	Foster-Scott Ice Company.	May 1, 1909, to May 1, 1914	1,890.00 per ann.	Action of the Commissioner, February 8, 1908. Approved by the Sinking Fund, March 1, 1909.	1,417 50
Pier 31, Pike Slip Pier west.	New England Navigation Company, assignee.	March 1, 1901, to March 1, 1911. March 1, 1911, to March 1, 1921.	20,000.00 1st term. 22,000.00 2d term.	Resolutions, Aug. 2, 1894, and Feb. 15, 1901. Action of the Commissioner, Jan. 29, 1902, and April 24, 1907.	20,000 00
Use of west side of platform westerly of Pier 32.	Williams Engineering & Contracting Company.	At pleasure of the Commissioner.	440.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	440 00
Pier 32, Pike Slip Pier east, with right to erect shed.	Maine Steamship Company.	May 1, 1901, to May 1, 1911	20,000.00 per ann.	Resolutions, Jan. 25 and Mar. 1, 1901. Action of Commissioner, June 16, 1903.	20,000 00
125 feet of bulkhead next northerly of Pier 32.	Maine Steamship Company.	At pleasure of the Commissioner.	1,800.00 per ann.	Action of the Commissioner, May 1, 1908, and Jan. 20, 1909.	1,762 50
Cable house, 7x17 feet, outer end of Pier 33, Rutgers Slip Pier west.	New York Telephone Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	300 00
Pier 34, Rutgers Slip Pier, and 90 feet of bulkhead southerly.	New York Central & Hudson River Railroad Company.	Jan. 1, 1901, to Jan. 1, 1911 Jan. 1, 1911, to Jan. 1, 1921 Jan. 1, 1921, to Jan. 1, 1931	24,250.00 1st term. 25,462.50 2d term. 26,735.63 3d term.	Resolution, Dec. 7, 1900.	24,250 00



## DESCRIPTION OF PROPERTY.

## EAST RIVER.

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Extension to westerly side of Pier 34, Rutgers Slip Pier.	New York Central & Hudson River Railroad Company.	Nov. 1, 1903, to Jan. 1, 1911; Jan. 1, 1911, to Jan. 1, 1921; Jan. 1, 1921, to Jan. 1, 1931	1,487.86 1st term. 1,562.25 2d term. 1,640.36 3d term.	Action of the Commissioner, May 23, 1903, and March 17, 1904. Approved by Sinking Fund, Oct. 16, 1903.	\$1,487 85
One-half of Bulkhead, easterly of Pier 34.	New York Central & Hudson River Railroad Company.	..... to Jan. 1, 1911. Jan. 1, 1911, to Jan. 1, 1921 Jan. 1, 1921, to Jan. 1, 1931	750.00 per ann. 787.50 per ann. 826.88 per ann.	Resolution, Dec. 7, 1900.	742 56
Land under water for widening Pier (old) 45, Jefferson street Pier west.	New York, New Haven & Hartford Railroad Company, assignees.	June 1, 1900, to June 1, 1910. June 1, 1910, to June 1, 1920.	742.56 1st term. 771.12 2d term.	Resolutions, Aug. 10, 1888; March 9 and 16, 1893; Feb. 23, and March 2, 1900.	1,666 84
Land under water for platform between Pier Old 45 and New 36.	New York, New Haven & Hartford Railroad Company, assignees.	June 1, 1900, to June 1, 1910. June 1, 1910, to June 1, 1920.	1,666.86 1st term. 1,730.97 2d term.	Resolutions, Aug. 10, 1888; June 26, 1890; March 9, 1893; Feb. 23 and March 2, 1900.	17,000 00
Jefferson street Pier.	New York, New Haven & Hartford Railroad Company, assignees.	At pleasure of the Commissioner.	17,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,320 00
Berth Inshore end, easterly side of Pier 36, Jefferson street Pier east.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	1,320.00 per ann.	Action of the Commissioner, May 13, 1908 and May 1, 1909.	1,320 00
Land under water for extension to Pier Old 49, Montgomery street Pier west.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	175.18 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	175 20
Pier 38, Montgomery street Pier west and bulkhead extending from the westerly line of Montgomery street westerly 277 feet 10 inches.	New York, New Haven & Hartford Railroad Company.	March 1, 1904, to March 1, 1914. March 1, 1914, to March 1, 1924. March 1, 1924, to March 1, 1934.	22,500.00 1st term. 23,625.00 2d term. 24,806.25 3d term.	Action of the Commissioner, Jan. 27 and Nov. 12, 1903. Approved by Sinking Fund, Feb. 4 and Nov. 18, 1903.	22,500 00
Land under water owned by the city covered by extension and widening of Pier 39.	New York, New Haven & Hartford Railroad Company.	Beginning upon the completion of the extension, etc., until exchange of adjacent property.	1,500.00 per ann.	Action of the Commissioner, July 23, 1908. Approved by Sinking Fund, Aug. 4, 1908.	1,500 00
Land under water owned by the City covered by Piers 40 and 41.	New York, New Haven & Hartford Railroad Company.	10 years from date of completion but not later than April 1, 1911, with two renewals of 10 years each.	25 cents per square foot per annum. Renewal terms at an advance of 10 per cent. each.	Action of the Commissioner, July 23, 1908. Approved by Sinking Fund, Aug. 4, 1908.	1,320 00
Bulkhead between Piers 40 and 41.	New York, New Haven & Hartford Railroad Company.	10 years from date of completion but not later than April 1, 1911, with two renewals of 10 years each.	1,500 per ann. Renewal terms at an advance of 10 per cent.	Action of the Commissioner, July 23, 1908. Approved by Sinking Fund, Aug. 4, 1908.	5,220 32
Land under way for platform in front of bulkhead west of Pier Old 50.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	5,220.33 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	2,949 40
Land under water for platforms between Piers Old 50 and 51.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	2,949.38 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	14,000 00
Easterly half of Pier Old 51 Gouverneur Slip Pier west and westerly half of Pier Old 52 Gouverneur Slip Pier east and small Pier and bulkhead between.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	14,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	5,000 00
Westerly half of Pier Old 51 and easterly half of Pier Old 52.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	5,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	2,194 52
Land under water for platform between Piers old 51 and 52, including shed.	New York, New Haven & Hartford Railroad Company.	At pleasure of the Commissioner.	2,194.50 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	1,701 80
Land under water for platform west of Pier old 53, Jackson street Pier west.	Simmons Realty and Construction Company.	At pleasure of the Commissioner.	2,042.15 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	1,103 90
Bulkhead, platform 225 feet west of Jackson street, 80 feet, and extending offshore 60 feet.	Simmons Realty and Construction Company.	At pleasure of the Commissioner.	1,324.68 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	1,200 00
Easterly half of Pier old 53, Jackson street Pier west.	L. Boyer's Sons.	At pleasure of the Commissioner.	1,200.00 per ann.	Action of the Commissioner, May 25, 1908, and May 1, 1909.	1,200 00
Easterly half of Pier old 54.	John Simmons Company.	At pleasure of the Commissioner.	1,320.00 per ann.	Action of the Commissioner, Aug. 12, 1909.	1,500 00
Northerly half of Pier old 54, Jackson street Pier east.	John McDermott & Son.	At pleasure of the Commissioner.	1,320.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,500 00
Land under water for platform in front of bulkhead along east side of Corlears street, about 5 feet south of southerly side of South street, northerly about 140-5 feet.	Crane Company.	May 1, 1907, to May 1, 1917	1,500.00 per ann.	Action of the Commissioner, April 19, 1907. Approved by Sinking Fund, May 1, 1907.	1,500 00
Bulkhead foot of Corlears street (60 feet) with coal hopper and scales.	Benjamin Koronsky & Company.	At pleasure of the Commissioner.	900.00 per ann.	Action of the Commissioner, Aug. 13, 1907, and May 1, 1908.	225 00

DESCRIPTION OF PROPERTY.

EAST RIVER.

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED
Land under water easterly side of East street, between Water and Cherry streets.....	B. Koronsky & Son.....	July 1, 1909, to July 1, 1914	243.92 per ann.....	{ Action of the Commissioner, May 18, and June 8, 1909. Approved by the Sinking Fund, June 9, 1909. }	\$75 00
Bulkhead next southerly of Pier old 55, Grand street Pier.....	Fidelity Warehouse Company.....	June 1, 1904, to June 1, 1909.....	300.00 per ann.....	{ Action of the Commissioner, May 3, 1904. Approved by Sinking Fund, May 11, 1904..... }	715 00
Ice-bridge, scales, etc., on bulkhead between Piers old 56 and 57.....	James W. Scott.....	At pleasure of the Commissioner.....	715.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	990 00
Use of city property for ice-bridge, scales, etc., between Piers old 59 and 60.....	American Ice Company..	At pleasure of the Commissioner.....	990.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	2,100 00
Pier new 50, Rivington street Pier, bulkhead between Piers new 50 and 51, and new-made land in rear.....	John A. McCarthy.....	Dec. 1, 1901, to Dec. 1, 1911	2,100.00 per ann.....	Resolution, Nov. 15, 1901.....	300 00
Privilege to maintain fence around new-made land in rear of bulkhead between Piers 50 and 51.....	John A. McCarthy.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	1,175 00
125 feet of northerly side of Pier 51, Rivington street Pier North.....	Etzel & Son.....	At pleasure of the Commissioner.....	1,200.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	300 00
4-inch steam pipe from coal yard to steam hoist on Pier 51.....	Etzel & Son.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, June 19, 1908. Approved by Sinking Fund, June 30, 1908..... }	5,000 00
South half of Pier 52, Stanton street Pier 132 feet 10 inches of bulkhead southerly and up-land in rear of same.....	James Shewan & Sons.....	July 1, 1908, to July 1, 1913	5,000.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	1,760 00
115 feet north side inner end of Pier 52, Stanton street Pier, and 60 feet of bulkhead on northerly line of Stanton street.....	Benj. S. Peck & Company }	At pleasure of the Commissioner.....	1,760.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	1,845 00
160 feet adjoining B. S. Peck & Co., on northerly side of Pier 52, with privilege of ice-bridge, etc.....	A. W. Welch.....	Dec. 1, 1901, to Dec. 1, 1911	1,845.00 per ann.....	Resolution, Nov. 29, 1901.....	1,084.32 per ann.....
Land under water covered by dumping board between Stanton and Houston streets.....	William Bradley.....	At pleasure of the Commissioner.....	1,084.32 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	1,084 32

Space on bulkhead south of East Houston street for office.....	James Shewan & Sons.....	{ At pleasure of the Commissioner..... }	55.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	55 00
Refreshment privilege on Pier at East Third street.....	D. Littman.....	Season of 1909.....	25.00 for season.....	{ Action of the Commissioner, May 28, 1909..... }	25 00
South half of Pier at East Fourth street, with privilege of berthing dry dock thereat.....	James Shewan & Sons.....	April 1, 1901, to April 1, 1911.....	1,750.00 per ann.....	Resolution, March 29, 1901.....	1,750 00
Northerly half of Pier foot of East Fourth street, with bulkhead and return along north side of said street, with privilege of berthing dry dock thereat.....	James Shewan & Sons; permit to sub-let to Chas. L. Dimon et al.. }	May 1, 1899, to May 1, 1909	1,750.00 per ann.....	{ Resolutions, April 7, 1899, and March 15, 1901..... }	437 50
North half of pier at East 4th street (342 feet) with privilege of mooring dry dock thereat.....	James Shewan & Sons.....	May 1, 1909, to May 1, 1914 May 1, 1914, to May 1, 1919	2,000.00 per ann..... 2,200.00 per ann.....	{ Action of the Commissioner, May 10, 1909. Approved by the Sinking Fund, June 11, 1909 }	1,500 00
Berth at inner end south side of Pier foot of East Fifth street.....	Hencken & Willenbrook Company.....	At pleasure of the Commissioner.....	660.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	660 00
Berth at inner end north side of Pier at Fifth street.....	P. F. & W. A. Kane.....	At pleasure of the Commissioner.....	660.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909..... }	660 00
130 feet north side of Pier at Fifth street with privilege of maintaining ice-bridge, etc.....	Hazelwood Ice Company }	Jan. 22, 1907, to Jan. 22, 1912.....	1,700.00 per ann.....	{ Action of the Commissioner, Jan. 7, 1907. Approved by Sinking Fund, Jan. 30, 1907..... }	1,700 00
Northerly half of Pier at East Seventh street.....	James Tregarthen, Son & Company.....	Nov. 1, 1908, to Nov. 1, 1913.....	1,575.00 per ann.....	{ Action of the Commissioner, April 9, 1903, July 25, 1904. Approved by Sinking Fund, Oct. 16, 1903..... }	1,575 00
Southerly half of Pier at East Eighth street.....	Willard Hawes & Co.....	March 6, 1904, to June 1, 1912.....	1,500.00 per ann.....	{ Action of the Commissioner, Jan. 21, 1904. Approved by Sinking Fund, Feb. 5, 1904..... }	1,500 00
Northerly half of Pier at East Eighth street.....	John F. Walsb, et. al.... }	June 1, 1902, to June 1, 1912	1,200.00 per ann.....	{ Action of the Commissioner, Jan. 23, and July 22, 1902. Approved by Sinking Fund, July 1, 1902..... }	1,200 00
234 feet of the south side outer end of Pier at East Ninth street.....	John W. Sullivan.....	{ April 1, 1908, to April 1, 1913..... }	1,500.00 per ann.....	{ Action of the Commissioner, Jan. 30, and Feb. 26, 1908. Approved by Sinking Fund, April 1, 1908..... }	1,500 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>EAST RIVER.</b> 8 feet of bulkhead next southerly of Pier at Tenth street.	American Ice Company.	At pleasure of the Commissioner.	66.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	\$86 00
Berth for oil barge at Pier foot of Tenth street.	Standard Oil Company.	At pleasure of the Commissioner.	1,210.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,210 00
North half of Pier at Tenth street and whole of Pier at East Eleventh street, excepting the use of water on the north side.	Estate of George Law.	At pleasure of the Commissioner.	2,500.00 per ann.	Action of the Commissioner, July 7, 1908, and May 1, 1909.	1,250 00
Land under water for ferry racks along the northerly side of Pier foot of East Tenth street and the southerly side and surface of Pier foot of East Eleventh street.	Estate of George Law, Sept. 24, 1909. Permit to sublet to, N. F. Palmer and J. N. Briggs, south side and surface of Pier at East Eleventh street, and to Interborough Ferry Co. for ferry racks, north side of Pier at East Tenth street.	Aug. 1, 1909, to Aug. 1, 1919	4,000.00 per ann.	Action of the Commissioner, June 23, 1909. Approved by Sinking Fund, July 20, 1909.	2,000 00
Land and land under water, platforms and structures thereon, easterly of the westerly side of Tompkins street, extending from the northerly side of East Eleventh street to the northerly side of East Twelfth street, including Pier foot of East 12th Street.	New York Mutual Gas Light Company.	Dec. 30, 1903, to Dec. 30, 1913. Dec. 30, 1913, to Dec. 30, 1923.	3,000.00 per ann. 3,300.00 per ann.	Action of the Commissioner, Dec. 4, 1903. Approved by Sinking Fund, Dec. 23, 1903.	3,000 00
Bulkhead at East Fourteenth street.	Joseph Murray, assignee.	Dec. 1, 1901, to Dec. 1, 1911	525.00 per ann.	Action of the Commissioner, March 16, 1908. Resolution, Nov. 15, 1901.	525 00
Permit for movable hopper on bulkhead between Fourteenth and Fifteenth streets.	Consolidated Gas Company.	At pleasure of the Commissioner.	165.00 per ann.	Action of the Commissioner, May 1, 1908, and Aug. 3, 1909.	165 00
Bulkhead at East Fifteenth street.	Consolidated Gas Company	May 6, 1908, to May 6, 1913	500.00 per ann.	Action of the Commissioner, April 18, 1908. Approved by Sinking Fund, May 6, 1908.	500 00
125 feet north side inner end of Pier foot East Eighteenth street, with ice-bridge privilege.	A. W. Welch.	At pleasure of the Commissioner.	1,800.00 per ann.	Action of the Commissioner, May 1, 1909.	1,800 00

Privilege to run 10-inch condenser pipe through bulkhead foot of East Eighteenth street and under Pier thereat.	New York Ice Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Bulkhead between East Eighteenth and Nineteenth streets.	Carroll Box & Lumber Company.	July 1, 1906, to July 1, 1911	1,750.00 per ann.	Action of the Commissioner, May 28, 1906. Approved by Sinking Fund, June 20, 1906.	1,750 00
Northerly side of Pier foot of East Nineteenth Street.	Brunswick Steamship Company.	At pleasure of the Commissioner.	5,000.00 per ann.	Action of the Commissioner, Jan. 6 and May 1, 1909.	5,356 16
220 feet inner end south side of Pier foot of East Twentieth street.	H. L. Herbert & Co.	At pleasure of the Commissioner.	1,719.00 per ann.	Action of the Commissioner, Dec. 14, 1909.	1,241 40
320 feet south side inner end of Pier at Twentieth street, with coal hoisting machines.	H. L. Herbert & Co.	At pleasure of the Commissioner.	2,500.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	17,806 16
Bulkhead from north side of East Twentieth street to south side of East Twenty-first street, and from north side of East Twenty-first street to south side of East Twenty-second street, with privilege of erecting structures over, upon or under marginal street necessary to carry on business of lessee.	Consolidated Gas Company	Oct. 1, 1902, to Oct. 1, 1912 Oct. 1, 1912, to Oct. 1, 1922 Oct. 1, 1922, to Oct. 1, 1932	17,806.16 1st term. 18,696.47 2d term. 19,651.29 3d term.	Resolutions, July 19 and Nov. 28, 1901, and May 5, 1904.	6,150 00
235 feet south side inner end of Pier at East Twenty-first street, with dumping board privilege.	O'Brien Brothers.	June 1, 1907, to June 1, 1912.	6,150.00 per ann.	Action of the Commissioner, April 24, 1907. Approved by Sinking Fund, May 22, 1907.	1,000 00
150 feet south side of Pier at East Twenty-first street, from a point 235 feet from bulkhead easterly.	H. B. Turner Coal Co.	At pleasure of the Commissioner.	1,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	900 00
Berth for steamer "Angler," at south side outer end of Pier at East Twenty-first street.	A. G. Foster.	At pleasure of the Commissioner.	900.00 per ann.	Action of the Commissioner, May 1, 1908 and May 1, 1909.	7,000 00
500 feet of the northerly half of Pier at East Twenty-first street.	Consolidated Gas Company	Jan. 1, 1908, to Jan. 1, 1918	7,000.00 per ann.	Action of the Commissioner, Nov. 8, 1907. Approved by Sinking Fund, Dec. 4, 1907.	7,000 00
Southerly side outer end and surface of Pier at East Twenty-second street.	New England Navigation Company.	April 1, 1906, to April 1, 1916. April 1, 1916, to April 1, 1926.	7,000.00 per ann. 7,350.00 per ann.	Action of the Commissioner, Feb. 14, 1906. Approved by Sinking Fund, March 8, 1906.	7,000 00
Use of marginal street for car tracks, in front of ferry house foot of East Twenty-third street.	New York City Railway Company.	At pleasure of the Commissioner.	440.00 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	110 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>EAST RIVER.</b>					
Use of marginal street for car tracks, in front of ferry house foot of East Twenty-third street.....	Metropolitan street Railway Company.....	At pleasure of the Commissioner.....	387.00 per ann.....	{ Action of the Commissioner, May 1, 1909.....	\$290 25
Refreshment privileges on Recreation Pier foot of East Twenty-fourth Street.....	Julius Goldsmith.....	Season of 1909.....	25.00 per ann.....	{ Action of the Commissioner May 28, 1909.....	25 00
Bulkhead between Twenty-fifth and Twenty-sixth streets.....	Candee, Smith & Howland Company.....	Nov. 1, 1904, to Nov. 1, 1914.....	5,000.00 per ann.....	Resolution Oct. 27, 1892.....	5,000 00
Privilege of maintaining suction pipe through bulkhead foot of East Twenty-sixth street.....	Carl H. Schultz.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, June 21, 1906, and May 1, 1907.....	300 00
Coal hoist and berth south side of Pier at East Twenty-eighth street.....	Curtis-Blaisdell Company.....	At pleasure of the Commissioner.....	900.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and March 2 and May 1, 1909.....	975 00
Berth at south side of Pier at Twenty-ninth street, with privilege of maintaining coal hopper.....	Curtis-Blaisdell Company.....	At pleasure of the Commissioner.....	900.00 per ann.....	{ Action of the Commissioner, Oct. 8, 1908, and May 1, 1909.....	1,125 00
Suction pipe through bulkhead and under Pier foot of East Thirtieth street.....	Koehler & Co.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, June 21, 1906, and May 1, 1907.....	300 00
Pier at East Thirty-first street.....	James J. Godfrey, May 15, 1908. Permit granted to sublet south side to the American Ice Co.....	May 1, 1908, to May 1, 1918.....	2,600.00 per ann.....	{ Action of the Commissioner, April 2, 1908, Approved by Sinking Fund, April 14, 1908.....	2,600 00
South side of Pier foot of East Thirty-second street.....	Burns Bros.....	July 1, 1909, to July 1, 1914.....	1,500.00 per ann.....	{ Action of the Commissioner, May 11, 1909, Approved by Sinking Fund, June 9, 1909.....	750 00
Pier at East Thirty-third street with dumping board privilege.....	Henry Steers, Inc.....	Jan. 1, 1910, to Jan. 1, 1915.....	5,000.00 per ann.....	{ Action of the Commissioner, Sept. 9, 1909, Approved by Sinking Fund, Oct. 20, 1909.....	.....
Pier at East Thirty-third street.....	Pennsylvania, New York & Long Island Railroad Company.....	Jan. 1, 1915, to Jan. 1, 1920.....	5,556.00 per ann.....	{ Action of the Commissioner, Dec. 2, 1904, Approved by Sinking Fund, Dec. 5, 1904.....	3,600 00
Land under water for extension to Pier at East Thirty-third street.....	Pennsylvania Tunnel & Terminal Railroad Co.....	Jan. 1, 1905, to Jan. 1, 1910.....	3,600.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and Oct. 4, 1909.....	403 33

Pier at East Thirty-fifth street as widened and extended.....	Pennsylvania, New York & Long Island Railroad Company, May 21, 1909, Lease assigned to Degnon Contracting Co.....	Oct. 1, 1905, to Oct. 1, 1910.....	4,000.00 per ann.....	{ Action of the Commissioner, Feb. 16 and Sept. 29, 1905, Approved by Sinking Fund, Feb. 23, 1905.....	4,000 00
125 feet south side inner end of Pier at East Thirty-sixth street, with ice-bridge privilege.....	John N. Briggs.....	At pleasure of the Commissioner.....	1,800.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.....	1,800 00
120 feet of bulkhead next southerly of East Thirty-eighth street and upland in rear of same extending inshore 80 feet.....	Joseph Gordon.....	Aug. 1, 1904, to Aug. 1, 1909.....	2,000.00 per ann.....	{ Action of the Commissioner, June 21, 1904, and April 1, 1905, Approved by Sinking Fund, July 20, 1904.....	2,000 00
Use of upland south of East Thirty-eighth street in rear of premises leased with right to maintain structures for handling coal.....	Joseph Gordon.....	At pleasure of the Commissioner.....	726.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.....	726 00
Bulkhead foot of East Thirty-eighth street.....	New York Edison Company.....	At pleasure of the Commissioner.....	1,100.00 per ann.....	{ Action of the Commissioner, Sept. 24, 1908, and May 1, 1909.....	1,100 00
Privilege to run pipe through bulkhead at East Thirty-eighth street.....	Hupfel Brewing Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, June 21, 1906, and May 1, 1907.....	300 00
Privilege to run pipe through bulkhead at East Thirty-eighth street.....	Kips Bay Brewing and Malting Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, Nov. 2, 1906, and May 1, 1907.....	300 00
Cable house on bulkhead at East Thirty-eighth street.....	New York Telephone Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.....	300 00
Pier foot of East Thirty-ninth street, bulkhead between Thirty-eighth and Thirty-ninth streets and reclaimed land back of bulkhead.....	Edison Electric Illuminating Company of New York.....	Sept. 1, 1904, to Sept. 1, 1914.....	7,000.00 per ann.....	{ Action of the Commissioner, July 1, 1902 and Dec. 28, 1904, Resolution, March 16, 1900.....	7,000 00
Bulkhead at East Fortieth street, with privilege of maintaining dumping board.....	Henry Steers, Incorporated.....	July 1, 1901, to July 1, 1911, to July 1, 1921.....	600.00 per ann.....	{ Resolution, July 1, 1901. Action of the Commissioner, June 24, 1905, and February 1, 1909.....	600 00
Bulkhead at foot of East Forty-third street.....	Lehigh Valley Railroad Company.....	At pleasure of the Commissioner.....	660.00 per ann.....	{ Action of the Commissioner, May 1, 1908, and May 1, 1909.....	660 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
EAST RIVER.					
Bulkhead at foot of East Forty-fourth street.....	Lehigh Valley Railroad Company.....	At pleasure of the Commissioner.....	880.00 per ann.....	Action of the Commissioner, May 1, 1908 and May 1, 1909.....	\$880 00
Bulkhead at foot of East Forty-fifth street.....	Schwarzschild & Sulzberger Company.....	At pleasure of the Commissioner.....	700.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	700 00
Privilege to maintain twelve inch suction pipe through bulkhead at foot of East Forty-sixth street.....	Schwarzschild & Sulzberger Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, Aug. 14, 1908.....	300 00
Land under water between Forty-fifth and Forty-sixth streets, for platform.....	Schwarzschild & Sulzberger Company.....	Jan. 1, 1907, to Jan. 1, 1917	2,838.50 per ann.....	Action of the Commissioner, Nov. 26, 1906 Approved by Sinking Fund, March 13, 1907.....	2,838 52
Northerly side of Pier at Forty-sixth street.....	P. F. & W. A. Kane.....	June 11, 1904, to June 11, 1909	2,000.00 per ann.....	Action of the Commissioner, Feb. 25, 1904 and Dec. 5, 1907 Approved by Sinking Fund, June 21, 1904.....	2,067 94
Maintenance of two suction pipes through bulkhead foot of East Forty-sixth street.....	Thomas Conville Brewing Company.....	At pleasure of the Commissioner.....	600.00 per ann.....	Action of the Commissioner, August 14, 1908.....	600 00
Suction pipe through bulkhead foot of East Fifty-third street.....	Artificial Ice Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, March 31 and May 1, 1908.....	300 00
Land under water in front of south half of block between Fifty-fourth and Fifty-fifth streets.....	Consumers' Brewing Company.....	At pleasure of the Commissioner.....	220.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	220 00
Land under water in front of north half of block between Fifty-fourth and Fifty-fifth streets.....	Jetter Brewing Company.....	At pleasure of the Commissioner.....	220.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	220 00
Privilege of maintaining suction pipe through bulkhead at East Fifty-fifth street.....	Peter Doelger.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, June 21, 1906, and May 1, 1907.....	150 00
Land under water for platform at and north of East Fifty-sixth street for coal hoist, boiler house, etc.....	Curtis-Blaisdell Company.....	At pleasure of the Commissioner.....	550.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	550 00
Land under water for site for bulkhead between East Fifty-sixth and East Fifty-seventh streets.....	Schmitt & Schwann-fluegel.....	At pleasure of the Commissioner.....	500.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	500 00

Land under water between Fifty-ninth and Sixtieth streets.....	New York Steam Company.....	Aug. 1, 1906, to Aug. 1, 1916	1,100.00 per ann.....	Public sale, July 16, 1896.....	1,100 00
South side of Pier at East Sixtieth street, with dumping board privilege.....	Bouker Contracting Company.....	Nov. 25, 1907, to Nov. 25, 1912.....	1,210.00 per ann.....	Action of the Commissioner, Oct. 23 and Nov. 14, 1907. Approved by Sinking Fund, Nov. 13, 1907.....	8,550 00
150 feet south side inner end of Pier at East Sixty-second street, with ice-bridge privilege.....	Stegemann - Rockefeller Ice Company.....	At pleasure of the Commissioner.....	1,800.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	1,800 00
Filled-in land and land under water for platform south half of block between Sixty-second and Sixty-third streets.....	Farmers' Feed Company of New York and New Jersey.....	May 1, 1901, to May 1, 1911	600.00 per ann.....	Resolution, April 26, 1901.....	600 00
Northerly half of bulkhead between Sixty-second and Sixty-third streets with upland in rear thereof.....	Standard Gas Light Company.....	At pleasure of the Commissioner.....	800.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	800 00
Privilege to maintain pipe at foot of East Sixty-third street.....	Standard Oil Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, June 21, 1906, and May 1, 1907.....	300 00
Bulkhead foot of East Sixty-third street and between Sixty-third and Sixty-fourth streets, and site on reclaimed land for grain elevator, scales, etc.....	American Maltng Company.....	June 1, 1908, to June 1, 1912.....	1,812.50 per ann.....	Action of the Commissioner, Feb. 26 and April 18, 1903. Approved by Sinking Fund, May 13, 1903.....	1,812 52
Bulkhead from a point 270 feet north of the northerly side of East Sixty-fourth street and running thence southerly a distance of 150 feet with privilege of maintaining ice-bridge, etc.....	American Ice Company.....	Aug. 1, 1907, to Aug. 1, 1912.....	1,732.50 per ann.....	Action of the Commissioner, May 27, 1907. Approved by Sinking Fund, June 26, 1907.....	1,732 50
Platform in front of bulkhead between Sixty-eighth and Sixty-ninth streets.....	Central Brewing Company.....	May 24, 1899, to May 24, 1909	150.00 per ann.....	Resolutions, April 21 and July 25, 1899.....	161 58
Privilege of maintaining a sixteen inch suction pipe through bulkhead at East Seventieth st.	70th Street Hygeia Ice Company.....	At pleasure of the Commissioner.....	300.00 per ann.....	Action of the Commissioner, Feb. 8, 1909.....	191 10
Bulkhead between East Seventy-first and East Seventy-second streets with dumping board privilege.....	Bouker Contracting Company.....	Aug. 1, 1909, to Aug. 1, 1914.....	4,000.00 per ann.....	Action of the Commissioner, May 27, 1909. Approved by Sinking Fund, June 9, 1909.....	2,000 00
Dumping board on bulkhead between Seventy-first and Seventy-second streets.....	John A. Bouker.....	At pleasure of the Commissioner.....	3,000.00 per ann.....	Action of the Commissioner, May 1, 1908, and May 1, 1909.....	1,500 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
EAST RIVER.					
Bulkhead from south side of East Seventy-fourth street to north side of East Seventy-fifth street	Manhattan Railway Company	May 1, 1903, to May 1, 1913 May 1, 1913, to May 1, 1923 May 1, 1923, to May 1, 1933 May 1, 1933, to May 1, 1943 May 1, 1943, to May 1, 1953	6,500.00 per ann. 6,825.00 per ann. 7,524.66 per ann. 7,166.25 per ann. 7,900.79 per ann.	Resolution, May 11, 1900. Action of the Commissioner, July 16, 1902, and April 3, 1903.	\$6,500 00
100 feet of bulkhead south of East Seventy-eighth street with privilege of maintaining scales, hoist and hopper.	A. J. Forman	At pleasure of the Commissioner	900.00 per ann.	Action of the Commissioner, Oct. 10 and 26, 1908, February 11 and May 1, 1909.	900 00
Bulkhead platform between Seventy-ninth and Eightieth streets.	Nathaniel Wise	Dec. 1, 1901, to Dec. 1, 1911	750.00 per ann.	Resolution, Nov. 22, 1901.	750 00
Use of land under water for platform between Eighty-first and Eighty-second streets.	J. Rheinfrank Company	At pleasure of the Commissioner	618.75 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	618 76
Crib bulkhead and platform adjoining north side of East Eighty-second street.	Yorkville Independent Hygeia Ice Company	At pleasure of the Commissioner	559.30 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	559 33
Land under water for platform near foot of East Eighty-third street.	G. Knoche	At pleasure of the Commissioner	214.50 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	214 52
Premises foot of East Eighty-fourth street with privilege of maintaining boat house.	Sam'l McGarigle, Pres. Cygnet Boat Club	July 1, 1908, to July 1, 1911	150.00 per ann.	Action of the Commissioner, June 25, 1908. Approved by Sinking Fund, June 30, 1908.	150 00
Berth 100 feet inner end north side of Pier at Ninety-first street.	Thomas Thedford & Son, Inc.	At pleasure of Commissioner	75.00 per mo.	Action of the Commissioner, April 29 and Aug. 14, 1908, and May 1, 1909.	487 50
Bulkhead and upland between Ninety-first and Ninety-second streets.	American Ice Company	Dec. 1, 1908, to Dec. 1, 1913 Dec. 1, 1913, to Dec. 1, 1918	3,500.00 per ann. 3,850.00 per ann.	Action of the Commissioner, Oct. 13, 1908. Approved by Sinking Fund, Nov. 4, 1908.	3,500 00
Bulkhead at East Ninety-third street.	Ehret & Ruppert	Aug. 1, 1899, to Aug. 1, 1909.	1,300.00 per ann.	Resolutions, March 10 and July 31, 1899.	650 00
Bulkhead at East 93d street.	George Ehret and Jacob Ruppert	Aug. 1, 1909, to Aug. 1, 1919.	1,500.00 per ann.	Action of the Commissioner, Sept. 13, 1909. Approved by the Sinking Fund, Oct. 20, 1909	750 00

Northerly side of Pier at East Ninety-fourth street.	Heneken & Willenbrock	May 1, 1908, to May 1, 1913	3,025.00 per ann.	Action of the Commissioner, March 28, 1903. Approved by Sinking Fund, May 13, 1903.	3,025 00
Bulkhead between Ninety-fourth and Ninety-fifth streets, with privilege of maintaining dumping board.	William E. Cleary, as signee.	Dec. 28, 1907, to Dec. 28, 1912.	4,665.00 per ann.	Public sale (sealed bids), Dec. 16, 1907. Action of the Commissioner, Jan. 29, 1908. Ap- proved by Sinking Fund Dec. 18, 1907.	4,665 00
1,795 square feet covered by ice-bridge at foot of East Ninety-eighth street.	William Hagadorn	At pleasure of the Commissioner	600.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	600 00
Bulkhead between Ninety-eighth and Ninety-ninth streets.	Consolidated Gas Company	At pleasure of the Commissioner	1,500.00 per ann.	Action of the Commissioner, May 1, 1908, and April 30, 1909.	1,425 00
HARLEM RIVER.					
South side of Pier at One Hundredth street, with privilege of maintaining ice-bridge, etc.	National Ice Company	At pleasure of the Commissioner	1,500.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,425 00
Upland immediately north of the northerly side of One Hundred and first street with right to fence.	Deichmann & Company	At pleasure of the Commissioner	1,000.00 per ann.	Action of the Commissioner, Feb. 18 and May 1, 1909.	941 78
Bulkhead at East One Hundred and Fifth street.	Robert J. Wright & Son	At pleasure of the Commissioner	825.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	825 00
Maintaining pipe under marginal street and pier at foot of One Hundred and Eighth street.	Harlem Independent Hygeia Ice Company	At pleasure of the Commissioner	300.00 per ann.	Action of the Commissioner, Oct. 31, 1907, and Mar. 3, 1908.	300 00
Floating dump at bulkhead between One Hundred and Seventh and One Hundred and Eighth streets.	John Cloughen, March 16, 1908, assigned to Joseph Murray	Dec. 1, 1901, to Dec. 1, 1911	720.00 per ann.	Resolution, Nov. 15 and Dec. 6, 1901.	720 00
Permit to maintain car tracks on marginal street between One Hundred and Ninth and One Hundred and Tenth streets.	Forty-second street Manhattanville, and St. Nicholas Ave. R. R. Company	At pleasure of the Commissioner	55.00 per ann.	Action of the Commissioner, May 13, 1908 and May 1, 1909.	55 00
187 feet of bulkhead between One Hundred and Ninth and One Hundred and Tenth streets with privilege of maintaining trestle and coal handling devices.	Bunke and Meyer	June 1, 1909, to June 1, 1914.	1,984.50 per ann.	Action of the Commissioner, Feb. 8, 1909. Ap- proved by the Sinking Fund, March 1, 1909.	472 50
187 feet of bulkhead between One Hundred and Ninth and One Hundred and Tenth streets, with privilege of maintaining trestle and coal handling devices.	Bunke & Meyer	June 1, 1907, to June 1, 1909.	1,800.00 per ann.	Action of the Commissioner, April 27, 1905. Approved by Sinking Fund, May 10, 1905.	472 50

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>HARLEM RIVER.</b> Refreshment privilege on Recreation Pier at East One Hundred and Twelfth street.	Adolph Jacobs.	At pleasure of the Commissioner.	25.00 per ann.	Action of the Commissioner, May 28, 1909.	\$25 00
South half of pier foot of East One Hundred and Twelfth street.	Henry L. Joyce, Oct. 21, 1909. Permission granted to sub-let.	June 1, 1909, to May 10, 1913. May 10, 1913, to May 10, 1918.	1,500.00 per ann.	Action of the Commissioner, May 18, 1909. Approved by the Sinking Fund, May 26, 1909.	1,125 00
Northerly side of Pier at East One Hundred and Twelfth street.	Henry L. Joyce.	May 10, 1908, to May 10, 1913. May 10, 1913, to May 10, 1918.	1,500.00 per ann.	Action of the Commissioner, April 30, 1908. Approved by Sinking Fund, May 6, 1908.	1,500 00
Bulkhead and upland south of East One Hundred and Fifteenth street.	Robert McWilliam.	At pleasure of the Commissioner.	2,500.00 per ann.	Action of the Commissioner, Sept. 26, 1908.	625 00
Bulkhead and upland south of East One Hundred and Fifteenth street.	Robert McWilliam.	Nov. 1, 1908, to Nov. 1, 1913.	2,500.00 per ann.	Action of the Commissioner, Oct. 9, 1908. Approved by Sinking Fund, Nov. 4, 1908.	1,875 00
Pier at East One Hundred and Sixteenth street and 50 feet of bulkhead southerly.	Manhattan State Hospital.	April 5, 1907, to April 5, 1917.	3,850.00 per ann.	Resolutions, April 16, 1896, and April 29, 1897.	3,850 00
Northerly side of pier at foot of East One Hundred and Eighteenth street.	Montgomery-Dotter Ice Company.	June 1 to Sept. 30, 1909.	1,800.00 per ann.	Action of the Commissioner, May 14, 1909.	1,600 00
Northerly side of pier at East One Hundred and Nineteenth street, with privilege of maintaining ice-bridge, scales, etc.	Montgomery-Dotter Ice Company.	At pleasure of the Commissioner.	1,500.00 per ann.	Action of the Commissioner, May 1, 1908, and May 14, 1909.	1,600 00
Land under water at and near the foot of East One Hundred and Twenty-fourth street.	Lehigh Valley Railroad Company.	June 5, 1909, to May 1, 1915.	1,758.00 per ann.	Action of the Commissioner, Feb. 8, 1909. Approved by Sinking Fund, March 1, 1909.	1,005 97
Land under water for bridge pier, at One Hundred and Twenty-ninth street and Second avenue.	Interborough Rapid Transit Company.	At pleasure of the Commissioner.	550.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	550 00
Bulkhead at One Hundred and Twenty-ninth street and Second avenue.	Jacob Ruppert.	May 1, 1906, to May 1, 1909.	1,000.00 per ann.	Action of the Commissioner, March 8, 1906. Approved by Sinking Fund, April 26, 1906.	250 00
Bulkhead at One Hundred and Twenty-ninth street and Second avenue.	Jacob Ruppert.	May 1, 1909, to May 1, 1914.	1,100.00 per ann.	Action of the Commissioner, Jan. 28, 1909. Approved by the Sinking Fund, Feb. 11, 1909.	825 00

Bulkhead and upland from a point half way between One Hundred and Thirtieth and One Hundred and Thirty-first streets to north side of One Hundred and Thirty-first street and upland in rear of same.	Terry & Tench Construction Company.	At pleasure of the Commissioner.	760.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	760 00
135 feet of bulkhead extending along easterly line of Lexington avenue, with ice-bridge privilege.	Martin J. Kane.	At pleasure of the Commissioner.	1,200.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,150 00
Bulkhead (100 feet) on the northerly side of East One Hundred and Thirty-fourth street.	Foster-Scott Ice Company.	At pleasure of the Commissioner.	1,200.00 per ann.	Action of the Commissioner, Jan. 13 and May 1, 1909.	1,200 00
Ten-inch suction pipe through bulkhead foot One Hundred and Thirty-sixth street.	Traders' Hygiene Ice Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 6, 1906, and May 1, 1907.	300 00
Land under water for pier at Lenox avenue.	Interborough Rapid Transit Company.	At pleasure of the Commissioner.	229.21 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	229 20
Permit to maintain coal hoisting trestle within the lines of One Hundred and Fifty-first street	M. D. Williamson.	At pleasure of the Commissioner.	156.75 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	156 76
Land under water on the westerly side of the Harlem river northerly of West One Hundred and Fifty-ninth street extending along the pierhead line 1,506 feet; easterly side of the Speedway 671 feet; westerly side of the marginal street 810 feet, and northerly of land belonging to estate of William Lynch 405 feet, containing an area of 405,825 square feet.	Interborough Rapid Transit Company.	Dec. 29, 1907, to Dec. 29, 1917. Dec. 29, 1917, to Dec. 29, 1927. Dec. 29, 1927, to Dec. 29, 1937.	18,850.00 per ann. 21,650.00 per ann. 24,900.00 per ann.	Action of the Commissioner, May 24 and June 19, 1906. Approved by Sinking Fund, June 7 and 26, 1905.	18,850 00
359 feet of bulkhead at Sherman's Creek, with right to ahead.	William N. Shannon, assignee.	Feb. 1, 1903, to Feb. 1, 1913. Feb. 1, 1913, to Feb. 1, 1923.	800.00 per ann. (to be fixed by appraisal but not less than \$1,000.00).	Action of the Commissioner, Nov. 22, 1902, May 8, 1903, and July 2, 1909. Approved by Sinking Fund, Dec. 24, 1902.	800 00
Land under water outside original high-water mark between north side of Academy or Two Hundredth street and south side of Two Hundred and First street, with right to construct bulkhead wall with intake and discharge tunnels through same.	Henry J. Hemmens.	July 1, 1906, to Dec. 1, 1914. Dec. 1, 1914, to Dec. 1, 1924.	1,249.50 per ann. 2d term to be fixed by arbitration.	Action of the Commissioner, April 16, 1906. Approved by Sinking Fund, June 20, 1906.	1,249 52
Land under water from south side of Two Hundred and First street to north side of Two Hundred and Second street, 320 feet, and from mean high water to bulkhead line.	Harlem Contracting Company.	Dec. 1, 1904, to Dec. 1, 1914. Dec. 1, 1914, to Dec. 1, 1924.	410.00 per ann. 451.00 per ann.	Action of the Commissioner, Oct. 11, 1904. Approved by Sinking Fund, Nov. 10, 1904.	410 00
Land under water between Two Hundred and Sixteenth and Two Hundred and Eighteenth streets, west side of Harlem river.	Third Avenue Railroad Company.	Nov. 1, 1906, to Nov. 1, 1916. Nov. 1, 1916, to Nov. 1, 1926.	2,475.00 per ann. 2,722.50 per ann.	Public sale, Oct. 4, 1896. Action of the Commissioner, Feb. 15, 1906.	2,475 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
BRONX.					
Use and occupy land under water in the vicinity of One Hundred and Forty-sixth street.	Church E. Gates & Company.	At pleasure of the Commissioner.	\$194.96 per ann.	Action of the Commissioner, June 24, 1909.	\$146 22
Land under water for bulkhead near One Hundred and Forty-sixth street (7,274 square feet)	Church E. Gates & Company.	At pleasure of the Commissioner.	1,000.00 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	250 00
Bulkhead platform foot of Park, formerly Railroad avenue.	Harlem Transfer Company.	June 30, 1902, to June 30, 1912.	450.00 per ann.	Action of the Commissioner, Jan. 29 and Nov. 20, 1902. Approved by Sinking Fund, June 4, 1902.	450 00
Exits for cable system through bulkhead at Lincoln avenue.	Interborough Rapid Transit Company.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, June 21, 1906, and May 1, 1907.	300 00
Land under water between Third and Lincoln avenues.	Central Railroad Company of New Jersey.	July 1, 1907, to July 1, 1917; July 1, 1917, to July 1, 1927; July 1, 1927, to July 1, 1937.	1,031.20 per ann. 1,289.00 per ann. 1,546.80 per ann.	Action of the Commissioner, May 28, 1906, and July 29, 1907. Approved by Sinking Fund, May 28, 1906, and Sept. 20, 1907.	1,031 20
Northerly side of Pier foot of East One Hundred and Thirty eighth street.	New York Sanitary Utilization Company.	Jan. 1, 1909, to Aug. 1, 1911; Aug. 1, 1911, to Aug. 1, 1916.	1,500.00 per ann. 1,650.00 per ann.	Action of the Commissioner, Dec. 7, 1908. Approved by Sinking Fund, Dec. 9, 1908.	1,500 00
Bulkhead foot of Seventh street, Unionport.	William J. Hyland.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, April 17, 1908.	150 00
Pier foot of Main street, City Island.	Thomas B. Watson.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, April 13, 1908.	75 00
Bulkhead foot of One Hundred and Seventy-second street, Bronx river.	P. J. Heaney Company.	At pleasure of the Commissioner.	50.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	50 00
Bulkhead foot of One Hundred and Seventy-fourth street, Bronx river.	B. C. Murray.	At pleasure of the Commissioner.	50.00 per ann.	Action of the Commissioner, May 1, 1907, and May 1, 1908.	12 50
Bulkhead foot of One Hundred and Seventy-fourth street, Bronx river.	Mott Haven Lumber Co.	At pleasure of the Commissioner.	50.00 per ann.	Action of the Commissioner, Oct. 19, 1909.	37 50
Town dock at Westchester.	Thos. B. Browne's Son Co.	At pleasure of the Commissioner.	400.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	400 00

Land under water on east side of Westchester creek, south of Main street, Causeway.	John S. Bush.	At pleasure of the Commissioner.	165.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	165 00
Use of space for shanty on Old Town Dock, Eastchester.	Thomas Manning.	At pleasure of the Commissioner.	27.50 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	13 76
Land under water for temporary Pier south side of Givan's Creek, Baychester, Bronx.	John C. Rogers, Jr.	At pleasure of the Commissioner.	150.00 per ann.	Action of the Commissioner, Oct. 29, 1908, and May 1, 1909.	150 00
Land under water owned by the city between Tiffany and Cabot streets southerly of the Eastern Boulevard, for construction of piers.	Oak Point Land and Dock Company.	Sept. 1, 1906, to Sept. 1, 1916; Sept. 1, 1916, to Sept. 1, 1926; Sept. 1, 1926, to Sept. 1, 1936.	4,499.80 per ann. 5,624.75 per ann. 6,749.70 per ann.	Action of the Commissioner, March 21, 1906. Approved by Sinking Fund, April 18, 1906.	4,499 80
BROOKLYN.					
Space on north side of Sixtieth street, South Brooklyn, for boat house.	Excelsior Yacht Club.	At pleasure of the Commissioner.	100.00 per ann.	Action of the Commissioner, April 10, 1908, and May 1, 1909.	100 00
150 feet south side outer end of pier between Fifty-first and Fifty-second streets, Brooklyn	American Ice Company.	At pleasure of the Commissioner.	1,500.00 per ann.	Action of the Commissioner, April 29, 1908, and May 1, 1909.	1,500 00
Berth for unloading coal boats on pier between Fifty-first and Fifty-second streets	Commercial Coal Co.	At pleasure of the Commissioner.	75.00 per mo.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	900 00
Bulkhead and platform extending from the center line of Fifty-first street southerly a distance of 100.35 ft. x 30 ft. with privilege of erecting structures for carrying on the coal business.	Commercial Coal Company.	5 years from date of completion. With a renewal term of 5 years.	1,500.00 per ann. 1,650.00 per ann.	Action of the Commissioner, June 2, 1909. Approved by the Sinking Fund, June 11, 1909.	
Use of basin between Twenty-eighth and Thirty-second streets, South Brooklyn.	Alfred Richards.	At pleasure of the Commissioner.	1,500.00 per ann.	Action of the Commissioner, Dec. 16, 1908, and Jan. 11, 1909.	750 00
Pier to be built and to be situated between Thirty-first and Thirty-second streets.	Cyprien Fabre & Company.	For a term of 10 years from date of occupation with a renewal term of 10 years.	\$36,870.50 per ann. Renewal term of an advance of 10 per cent.	Action of the Commissioner, Dec. 10, 1908. Approved by Sinking Fund, Dec. 30, 1908.	
Bulkhead foot Sackett street, Gowanus canal.	Moquin Offerman Wells Coal Co.	At pleasure of the Commissioner.	165.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	165 00
Cable crossing foot of First street, Gowanus canal	New York and New Jersey Telephone Company.	At pleasure of the Commissioner.	25.00 per ann.	Action of the Commissioner, Aug. 30, 1908, and May 1, 1909.	25 00



DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>BROOKLYN.</b>					
Bulkhead on westerly side of DeGraw street, Gowanus canal.	Z. O. Nelson & Son.	At pleasure of the Commissioner.	165.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	\$165 00
Wharf property occupied by ferry structures foot of Atlantic avenue.	Union Ferry Company.	At pleasure of the Commissioner.	2,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,500 00
175 feet of bulkhead on easterly side of Clinton avenue extension, with privilege of maintaining dumping board.	O'Brien Bros.	At pleasure of the Commissioner.	1,650.00 per ann.	Action of the Commissioner, May 1 and Dec. 9, 1908, and May 1, 1909.	1,650 00
224 feet of bulkhead on easterly side of Clinton avenue extension with dumping board privilege.	Borough Construction Company.	At pleasure of the Commissioner.	2,240.00 per ann.	Action of the Commissioner, Dec. 8, 1908, and May 1, 1909.	2,528 24
150 feet of bulkhead Clinton avenue extension with upland in rear extending back a distance of 30 feet.	Frank M. Knauss.	At pleasure of the Commissioner.	75.00 per mo.	Action of the Commissioner, May 1 and Dec. 9, 1908, and May 1, 1909.	750 00
200 feet of bulkhead west side of Fleeman street, Wallabout Basin, with ice-bridge privilege.	Patterson & Elder.	Dec. 1, 1901, to Dec. 1, 1911.	1,500.00 per ann.	Resolution, Nov. 22, 1901.	1,500 00
Bulkhead south side Wallabout Basin extending from Fleeman street to the Clinton avenue extension.	George Dressler.	Jan. 1, 1910, to Aug. 1, 1919.	1,000.00 per ann.	Action of the Commissioner, Nov. 12, 1909. Approved by Sinking Fund, Dec. 2, 1909.	.....
Berth 150 feet in length at inner end of Pier 4, Wallabout Basin, with privilege of maintaining ice bridge, scales, tally house, etc.	American Ice Company.	July 1, 1909, to July 1, 1912.	2,362.50 per ann.	Action of the Commissioner, June 16, 1909. Approved by Sinking Fund, June 30, 1909.	1,181 25
150 feet inner end south side of Pier 4, Wallabout Basin, with ice-bridge privilege.	American Ice Company.	July 1, 1904, to July 1, 1909.	2,250.00 per ann.	Action of the Commissioner, May 26, 1904. Approved by Sinking Fund, June 14, 1904.	1,125 00
200 feet outer end north side of Pier 4, Wallabout Basin.	Erie Railroad Company.	At pleasure of the Commissioner.	3,200.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	3,200 00
Half bulkhead south of Pier 3, Wallabout Basin.	New York Central & Hudson River Railroad Company.	Nov. 1, 1908, to Nov. 1, 1916.	750.00 per ann.	Action of the Commissioner, Aug. 24, 1906. Approved by Sinking Fund, Oct. 10 and Nov. 1, 1906.	750 00

Pier 3, Wallabout Basin and adjoining bulkhead.	New York Central & Hudson River Railroad Company.	Nov. 1, 1906, to Nov. 1, 1916.	15,000.00 per ann.	Action of the Commissioner, Aug. 24, 1906. Approved by Sinking Fund, Oct. 10 and Nov. 1, 1906.	15,000 00
Southerly half of bulkhead between Piers 3 and 4 Wallabout Basin.	Foster-Scott Ice Company.	At pleasure of the Commissioner.	825.00 per ann.	Action of the Commissioner, Oct. 8, 1908, and May 1, 1909.	825 00
Pier No. 2, Wallabout Basin, and half bulkhead each side.	Pennsylvania Railroad Company.	Jan. 1, 1900, to Jan. 1, 1910 Jan. 1, 1910, to Jan. 1, 1920 Jan. 1, 1920, to Jan. 1, 1930	12,000.00 per ann. 13,200.00 per ann. 14,520.00 per ann.	Resolution, Nov. 18, 1898.	12,000 00
Berth (100 feet) for barge south side inner end Pier 1, Wallabout Basin.	Lehigh Valley Railroad Company.	At pleasure of the Commissioner.	1,600.00 per ann.	Action of the Commissioner, Sept. 14, 1908, and May 1, 1909.	1,733 33
125 feet on Wallabout canal, Kent avenue, opposite Ross street.	Augustus W. Welch.	May 1, 1907, to May 1, 1912.	1,200.00 per ann.	Action of the Commissioner, March 28, 1907. Approved by Sinking Fund, April 17, 1907.	1,200 00
Berth westerly side of Hewes street, Kent avenue basin, Wallabout canal, with privilege for ice-bridge.	August Grill.	At pleasure of the Commissioner.	1,000.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	975 00
125 feet of bulkhead Wallabout canal, opposite Rodney street, with coal hoist and scales.	Albert H. Dollard.	At pleasure of the Commissioner.	1,000.00 per ann.	Action of the Commissioner, April 6 and May 1, 1909.	833 35
Northerly side of Pier foot of South Fifth street.	L. Boyer's Sons Company.	At pleasure of the Commissioner.	1,320.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	1,320 00
Permit to land propellers to take on freight at Metropolitan avenue pier.	Harlem & Morrisania Cons. Transportation Line.	At pleasure of the Commissioner.	660.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	660 00
Metropolitan avenue pier, privilege of maintaining vending and weighing machine on recreation pier.	H. P. Miles.	Season, 1909.	25.00 per ann.	Action of the Commissioner, May 25, 1909.	25 00
Space for building foot Ocean avenue, Sheepshead Bay.	Mrs. H. Morris.	At pleasure of the Commissioner.	150.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	112 50
Space for building foot Ocean avenue, Sheepshead Bay.	M. R. Boyle.	At pleasure of the Commissioner.	300.00 per ann.	Action of the Commissioner, May 1, 1908, and May 1, 1909.	300 00
Land under water foot of Sheepshead Bay Road, Sheepshead Bay.	Mrs. Ann Gilbert.	At pleasure of the Commissioner.	100.00 per ann.	Action of the Commissioner, April 13, 1908, and May 1, 1909.	100 00
Land under water foot of East Twenty-seventh street, Sheepshead Bay.	George C. Tappen.	At pleasure of the Commissioner.	150.00 per ann.	Action of the Commissioner, April 16, 1908, and May 1, 1909.	150 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Privilege to maintain pipe at foot of Nott street.	Standard Oil Company.	At pleasure of the Commissioner.	300.00 per ann.	{ Action of the Commissioner, June 21, 1906, and May 1, 1907.	\$300 00
Westerly side of Pier at Whitestone and 120 feet at the outer end easterly side, with right to shed, 120 feet, of the outer end.	Elmer E. Keeler.	Aug. 28, 1904, to Aug. 28, 1914.	1,100.00 per ann.	{ Action of the Commissioner, Jan. 30 and Aug. 30, 1904. Approved by Sinking Fund, Feb. 5, 1904.	1,100 00
Berth for steamer "Concho" at east side of Pier at Whitestone Landing.	N. Y. & Bridgeport Transportation Company.	At pleasure of the Commissioner.	75.00 per mo.	{ Action of the Commissioner June 18, 1909.	60 00
Plot at Goose Creek, Lot 134.	August Schaefer.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, May 15, 1908.	12 00
Plot at Goose Creek, Lot 135.	Joseph Steiner and Edw. F. Schwanke.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	12 00
Plot at Goose Creek, Lot 138.	Joseph Paul.	At pleasure of the Commissioner, or till May 1, 1912.	85.68 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	85 68
Plot at Goose Creek, Lot 151.	Joseph Paul.	At pleasure of the Commissioner, or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 13, 1908.	30 00
Plot at Goose Creek, Lot 158.	August Schaefer and Joseph Keafer.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, May 15, 1908.	12 00
Plot at Goose Creek, Lot 162.	Chas. Noehren, Jr.	At pleasure of the Commissioner, or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30 00
Plot at Goose Creek, Lot 163.	Chas. Noehren, Jr.	At pleasure of the Commissioner, or till May 1, 1912.	31.50 per ann.	{ Action of the Commissioner, May 15, 1908.	31 50
Plot at Goose Creek, Lots 174 and 175.	Mrs. Elizabeth Hesbach.	At pleasure of the Commissioner, or till May 1, 1912.	101.40 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	101 40
Plot at Goose Creek, Lot 187.	C. F. Lauer.	At pleasure of the Commissioner or, till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30 00

Plot at Goose Creek, Lot 190.	Monroe & Remsen.	At pleasure of the Commissioner, or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, May 15, 1908.	60 00
Plot at Goose Creek, Lot 192.	Chas. Noehren, Jr.	At pleasure of the Commissioner, or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30 00
Plot at Goose Creek, Lot 197.	Cap. John Tilley.	At pleasure of the Commissioner, or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, May 15, 1908.	60 00
Plot at Goose Creek, Lot 198.	Joseph Paul.	At pleasure of the Commissioner, or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30 00
Plot at Goose Creek, Lot 199.	Joseph Paul.	At pleasure of the Commissioner, or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30 00
Plot at Goose Creek, Lot 403.	Albert C. Reinhard.	At pleasure of the Commissioner, or till May 1, 1912.	38.70 per ann.	{ Action of the Commissioner, May 15, 1908.	38 70
Plot at Goose Creek, Lots 404 and 405.	Geo. F. Garbe.	At pleasure of the Commissioner, or till May 1, 1912.	63.60 per ann.	{ Action of the Commissioner, Feb. 25, 1908.	63 60
Plot at Goose Creek, Lots 407, 408 and 409.	Chas. Noehren.	At pleasure of the Commissioner, or till May 1, 1912.	105.84 per ann.	{ Action of the Commissioner, July 17, 1908.	105 84
Plot at Goose Creek, Lot 411.	Clifford S. Hadley.	At pleasure of the Commissioner, or till May 1, 1912.	36.60 per ann.	{ Action of the Commissioner, July 17, 1908.	36 60
Plot at East High Meadow, Lot 90.	Mrs. Caroline Kenn.	At pleasure of the Commissioner, or till May 1, 1912.	42.00 per ann.	{ Action of the Commissioner, Nov. 20, 1907.	42 00
Plot at East High Meadow, Lot 91.	Thomas Pearsall.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	12 00
Plot at East High Meadow, Lot 417.	John B. Merrill.	At pleasure of the Commissioner, or till May 1, 1912.	90.00 per ann.	{ Action of the Commissioner, June 1, 1909.	90 00
Plot at East High Meadow.	Alex. F. Baylis & W. A. Shipley.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Aug. 30, 1907.	12 00
Plot at Hassock Creek, Lot 94.	Garrison, Higbis & Angelman.	At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Oct. 10, 1907.	12 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Straight Creek Marsh, Lot 93.	Wm. H. Watts.	{ At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, May 15, 1908.	\$512 00
Plot at Broad Creek Marsh, Lot 89.	John Simons.	{ At pleasure of the Commissioner, or till May 1, 1912.	25.20 per ann.	{ Action of the Commissioner, April 29, 1908.	25 20
Plot at Duck Creek Marsh, Lot 97.	Alexander Watts.	{ At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Dec. 22, 1909.	4 00
Plot at The Raunt, Lot 100.	Chas. Grolz.	{ At pleasure of the Commissioner, or till May 1, 1912.	34.20 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	34 20
Plot at The Raunt, Lot 101.	Liberty Island Rod and Gun Club.	{ At pleasure of the Commissioner.	36.00 per ann.	{ Action of the Commissioner, July 25, 1907.	36 00
Plot at The Raunt, Lot 114.	Joseph Sely.	{ At pleasure of the Commissioner, or till May 1, 1912.	72.00 per ann.	{ Action of the Commissioner, May 15, 1908.	72 00
Plot at The Raunt, Lot 115.	J. A. Billings.	{ At pleasure of the Commissioner, or till May 1, 1912.	36.00 per ann.	{ Action of the Commissioner, May 15, 1908.	36 00
Plot at The Raunt, Lot 118.	John Pashke.	{ At pleasure of the Commissioner, or till May 1, 1912.	78.00 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	113 00
Plot at The Raunt, Lot 120.	James A. Dimejow.	{ At pleasure of the Commissioner, or till May 1, 1912.	54.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	54 00
Plot at The Raunt, Lot 123.	Richard Shoemaker.	{ At pleasure of the Commissioner, or till May 1, 1912.	25.20 per ann.	{ Action of the Commissioner, May 15, 1908.	25 20
Plot at The Raunt, Lot 124.	Mrs. Louise Hellman.	{ At pleasure of the Commissioner, or till May 1, 1912.	24.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	
Plot at The Raunt, Lot 125.	John Freeman.	{ At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, May 15, 1908.	
Plot at The Raunt, Lot 126.	Wm. H. Morgan.	{ At pleasure of the Commissioner, or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, April 15, 1908.	24 00

Plot at The Raunt, Lot 127.	Edw. H. Murr.	{ At pleasure of the Commissioner, or till May 1, 1912.	31.20 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	55 80
Plot at The Raunt, Lot 128.	Edw. E. Kochkeller.	{ At pleasure of the Commissioner, or till May 1, 1912.	55.80 per ann.	{ Action of the Commissioner, April 27, 1908.	27 36
Plot at The Raunt, Lot 129.	W. H. Watts.	{ At pleasure of the Commissioner, or till May 1, 1912.	27.36 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	60 00
Plot at The Raunt, Lot 130.	Hiram Cadmus.	{ At pleasure of the Commissioner, or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, May 15, 1908.	60 00
Plot at The Raunt, Lot 131.	Richard Shoemaker.	{ At pleasure of the Commissioner, or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, May 15, 1908.	60 00
Plot at The Raunt, Lot 132.	Estate of Mrs. Hannah E. Owens.	{ At pleasure of the Commissioner, or till May 1, 1912.	34.20 per ann.	{ Action of the Commissioner, May 15, 1908.	15 00
Plot at The Raunt, Lot 133.	J. Mason Van Kleeck.	{ At pleasure of the Commissioner, or till May 1, 1912.	15.00 per ann.	{ Action of the Commissioner, May 15, 1908.	22 20
Plot at The Raunt, Lot 147.	Geo. Starkey.	{ At pleasure of the Commissioner, or till May 1, 1912.	21.60 per ann.	{ Action of the Commissioner, May 15, 1908.	36 00
Plot at The Raunt, Lot 149.	Jacob J. Hoffman.	{ At pleasure of the Commissioner, or till May 1, 1912.	22.20 per ann.	{ Action of the Commissioner, May 15, 1908.	60 00
Plot at The Raunt, Lot 150.	Trident Fish & Gun Club.	{ At pleasure of the Commissioner, or till May 1, 1912.	36.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	
Plot at The Raunt, Lots 152 and 173.	Jas. Knapton.	{ At pleasure of the Commissioner, or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, May 15, 1908.	
Plot at The Raunt, Lot 153.	J. J. Goodman, M.D.	{ At pleasure of the Commissioner, or till May 1, 1912.	51.60 per ann.	{ Action of the Commissioner, May 15, 1908.	45.00
Plot at The Raunt, Lot 155.	James L. Jordan.	{ At pleasure of the Commissioner, or till May 1, 1912.	45.00 per ann.	{ Action of the Commissioner, May 15, 1908.	
Plot at The Raunt, Lot 156.	Geo. Starkey.	{ At pleasure of the Commissioner, or till May 1, 1912.	45.00 per ann.	{ Action of the Commissioner, May 15, 1908.	

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at The Raunt, Lot 157.....	Chas. Grolz.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, Sept. 16, 1907...	\$30.00
Plot at The Raunt, Lot 160.....	Estate of Mrs. Hannah E. Owens.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	.....
Plot at The Raunt, Lot 165.....	The Raunt Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	173.40 per ann.....	} Action of the Commis- sioner, May 15, 1908...	173 40
Plot at The Raunt, Lot 168.....	Jas. V. Dunleavy.....	At pleasure of the Com- missioner or till May 1, 1912.....	16.80 per ann.....	} Action of the Commis- sioner, Oct. 11, 1907....	16 80
Plot at The Raunt, Lot 169.....	Edw. H. Muir.....	At pleasure of the Com- missioner or till May 1, 1912.....	14.40 per ann.....	} Action of the Commis- sioner, Sept. 16, 1907...	.....
Plot at The Raunt, Lot 170.....	Wm. Grolz.....	At pleasure of the Com- missioner or till May 1, 1912.....	81.98 per ann.....	} Action of the Commis- sioner, Oct. 11, 1907....	81 98
Plot at The Raunt, Lot 171.....	Dolphin Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	81.60 per ann.....	} Action of the Commis- sioner, May 15, 1908...	.....
Plot at The Raunt, Lot 172.....	Matthew J. Sullivan.....	At pleasure of the Com- missioner or till May 1, 1912.....	60.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	60 00
Plot at The Raunt, Lot 178.....	Mrs. W. H. Murray.....	At pleasure of the Com- missioner.	18.00 per ann.....	} Action of the Commis- sioner, Sept. 16, 1907...	18 00
Plot at The Raunt, Lot 179.....	Hamilton Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, Sept. 16, 1907...	30 00
Plot at The Raunt, Lot 180.....	Adam Straub.....	At pleasure of the Com- missioner or till May 1, 1912.....	33.60 per ann.....	} Action of the Commis- sioner, May 15, 1908...	32 20
Plot at The Raunt, Lot 181.....	Joseph Endres.....	At pleasure of the Com- missioner or till May 1, 1912.....	49.20 per ann.....	} Action of the Commis- sioner, May 15, 1908...	.....
Plot at The Raunt, Lot 182.....	Frederick Lumm.....	At pleasure of the Com- missioner or till May 1, 1912.....	20.52 per ann.....	} Action of the Commis- sioner, Sept. 11, 1907...	41 04

Plot at The Raunt, Lot 183.....	Fidelia Fishing Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	20.20 per ann.....	} Action of the Commis- sioner, Aug. 23, 1907...	.....
Plot at The Raunt, Lot 184.....	Warren Cornell.....	At pleasure of the Com- missioner or till May 1, 1912.....	43.68 per ann.....	} Action of the Commis- sioner, May 15, 1908...	43 68
Plot at The Raunt, Lot 185.....	W. Ross Martin, M.D.....	At pleasure of the Com- missioner or till May 1, 1912.....	43.20 per ann.....	} Action of the Commis- sioner, Dec. 11, 1907...	43 20
Plot at The Raunt, Lot 186.....	White Star Rod & Gun Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	24.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	.....
Plot at The Raunt, Lot 193.....	Wm. C. Liebfried.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, May 7, 1908.....	30 00
Plot at The Raunt, Lot 194.....	Concord Launch Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	30 00
Plot at The Raunt, Lot 195.....	Matthew J. Sullivan.....	At pleasure of the Com- missioner or till May 1, 1912.....	60.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	60 00
Plot at The Raunt, Lot 196.....	Matthew J. Sullivan.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	30 00
Plot at The Raunt, Lot 400.....	Conrad Boller.....	At pleasure of the Com- missioner or till May 1, 1912.....	36.00 per ann.....	} Action of the Commis- sioner, May 15, 1908...	36 00
Plot at The Raunt, Lot 402.....	Kensington Rod & Gun Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, Sept. 13, 1907...	30 00
Plot at The Raunt, Lot 406.....	J. G. Truelson.....	At pleasure of the Com- missioner or till May 1, 1912.....	34.00 per ann.....	} Action of the Commis- sioner, March 24, 1908..	68 00
Plot at The Raunt, Lot 410.....	Kensington Rod & Gun Club.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, July 20, 1908...	30 00
Plot at The Raunt, Lot 412.....	Selah H. Hitchcock.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, July 24, 1908...	30 00
Plot at The Raunt, Lot 413.....	C. H. Watts.....	At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	} Action of the Commis- sioner, July 28, 1908...	30 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS					
Plot at The Raunt, Lot 414.....	John F. Chantrell.....	At pleasure of the Commissioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commissioner, March 12, 1909..	\$37 60
Plot at The Raunt, Lot 415.....	Thos. F. Martin.....	At pleasure of the Commissioner or till May 1, 1912.....	24.60 per ann.....	{ Action of the Commissioner, March 12, 1909..	3 42
Plot at The Raunt, Lot 416.....	Thos. F. Martin.....	At pleasure of the Commissioner or till May 1, 1912.....	42.00 per ann.....	{ Action of the Commissioner, April 7, 1909..	42 00
Plot at The Raunt, Lot 418.....	Big Four Fishing Club.....	At pleasure of the Commissioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commissioner, June 9, 1909.....	27 50
Plot at The Raunt, Lot 420.....	Siegfried Bernhards.....	At pleasure of the Commissioner or till May 1, 1912.....	23.40 per ann.....	{ Action of the Commissioner, June 11, 1909.....	21 45
Plot at The Raunt, Lots 422, 423, 424.....	Matthew J. Sullivan.....	At pleasure of the Commissioner or till May 1, 1912.....	90.00 per ann.....	{ Action of the Commissioner, Aug. 12, 1909.....	71 25
Plot at The Raunt, Lot 425.....	J. G. Weishaupt.....	At pleasure of the Commissioner or till May 1, 1912.....	66.00 per ann.....	{ Action of the Commissioner, Aug. 23, 1909.....	46 75
Plot at The Raunt, Lot 426.....	Alfred E. Dillman.....	At pleasure of the Commissioner or till May 1, 1912.....	51.36 per ann.....	{ Action of the Commissioner, Sept. 13, 1909.....	29 96
Plot at The Raunt.....	Mary V. Meeteer.....	At pleasure of the Commissioner.....	10.00 per ann.....	{ Action of the Commissioner, July 1, 1905.....	20 00
Plot at Broad Channel, Block 1, Lot 4.....	Joseph Thomas.....	At pleasure of the Commissioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commissioner, Sept. 22, 1909.....	12 00
Plot at Broad Channel, Block 1, Lot 5.....	Benedict Brenner.....	At pleasure of the Commissioner or till May 1, 1912.....	15.60 per ann.....	{ Action of the Commissioner, May 15, 1908.....	15 60
Plot at Broad Channel, Block 1, Lot 6.....	Chas. H. Matty.....	At pleasure of the Commissioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commissioner, June 18, 1908.....	12 00
Plot at Broad Channel, Block 1, Lot 7.....	Chas. Dehyle.....	At pleasure of the Commissioner or till May 1, 1912.....	26.28 per ann.....	{ Action of the Commissioner, May 15, 1908.....	26 28

Plot at Broad Channel, Block 1, Lot 8.....	R. John McGarvey.....	At pleasure of the Commissioner or till May 1, 1912.....	21.60 per ann.....	{ Action of the Commissioner, May 15, 1908.....	21 60
Plot at Broad Channel, Block 1, Lot 9.....	Jacob C. Vollharder.....	At pleasure of the Commissioner or till May 1, 1912.....	40.85 per ann.....	{ Action of the Commissioner, May 15, 1908.....	40 85
Plot at Broad Channel, Block 1, Lot 12.....	F. J. Sperling.....	At pleasure of the Commissioner or till May 1, 1912.....	46.50 per ann.....	{ Action of the Commissioner, Sept. 7, 1909.....	45 00
Plot at Broad Channel, Block 1, Lot 13.....	Edward Karscher.....	At pleasure of the Commissioner or till May 1, 1912.....	32.10 per ann.....	{ Action of the Commissioner, May 15, 1908.....	.....
Plot at Broad Channel, Block 1, Lots 14 and 15.....	Frank Hammer & Co.....	At pleasure of the Commissioner or till May 1, 1912.....	66.00 per ann.....	{ Action of the Commissioner, May 15, 1908.....	66 00
Plot at Broad Channel, Block 2, Lots 1 and 2.....	Edward Mommen.....	At pleasure of the Commissioner or till May 1, 1912.....	25.38 per ann.....	{ Action of the Commissioner, May 13, 1909.....	25 38
Plot at Broad Channel, Block 2, Lot 3.....	Herman Neeb.....	At pleasure of the Commissioner or till May 1, 1912.....	13.50 per ann.....	{ Action of the Commissioner, May 15, 1908.....	13 50
Plot at Broad Channel, Block 2, Lot 4.....	Joseph Stehle.....	At pleasure of the Commissioner or till May 1, 1912.....	35.10 per ann.....	{ Action of the Commissioner, Sept. 7, 1909.....	15 00
Plot at Broad Channel, Block 2, Lot 5.....	Wm. F. Phillips.....	At pleasure of the Commissioner or till May 1, 1912.....	19.50 per ann.....	{ Action of the Commissioner, May 15, 1908.....	19 50
Plot at Broad Channel, Block 2, Lot 6.....	Henry Schuler.....	At pleasure of the Commissioner or till May 1, 1912.....	45.00 per ann.....	{ Action of the Commissioner, Sept. 7, 1909.....	34 80
Plot at Broad Channel, Block 2, Lot 8.....	John Sultan.....	At pleasure of the Commissioner or till May 1, 1912.....	17.10 per ann.....	{ Action of the Commissioner, May 15, 1908.....	17 10
Plot at Broad Channel, Block 2, Lots 19, 20, 21.....	Joseph Stehle.....	At pleasure of the Commissioner or till May 1, 1912.....	81.90 per ann.....	{ Action of the Commissioner, Nov. 19, 1909.....	54 60
Plot at Broad Channel, Block 2, Lot 29.....	Wawanda Club.....	At pleasure of the Commissioner or till May 1, 1912.....	31.20 per ann.....	{ Action of the Commissioner, May 15, 1908.....	31 20
Plot at Broad Channel, Block 2, Lot 31.....	Paul Frey.....	At pleasure of the Commissioner or till May 1, 1912.....	26.40 per ann.....	{ Action of the Commissioner, Oct. 11, 1907.....	26 40

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 2, Lot 32.....	I. S. Williamson.....	At pleasure of the Commissioner or till May 1, 1912.....	19.80 per ann.....	{ Action of the Commissioner, May 15, 1908.....	\$19 80
Plot at Broad Channel, Block 2, Lots 32a and 33a.....	James S. Williamson.....	At pleasure of the Commissioner or till May 1, 1912.....	22.27 per ann.....	{ Action of the Commissioner, Aug. 30, 1907.....	.....
Plot at Broad Channel, Block 2, Lot 34.....	Albert Wunder.....	At pleasure of the Commissioner or till May 1, 1912.....	17.40 per ann.....	{ Action of the Commissioner, Dec. 10, 1909.....	38 80
Plot at Broad Channel, Block 2, Lot 35.....	Egon Eisenhauer.....	At pleasure of the Commissioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commissioner, May 15, 1908.....	.....
Plot at Broad Channel, Block 3, Lot 6.....	Mrs. Carrie Stark.....	At pleasure of the Commissioner or till May 1, 1912.....	16.50 per ann.....	{ Action of the Commissioner, Dec. 10, 1909.....	33 00
Plot at Broad Channel, Block 3, Lot 10.....	Mrs. Catharine Hesse.....	At pleasure of the Commissioner or till May 1, 1912.....	16.50 per ann.....	{ Action of the Commissioner, May 15, 1908.....	16 50
Plot at Broad Channel, Block 3, Lot 11.....	Alfred Shaw.....	At pleasure of the Commissioner or till May 1, 1912.....	22.80 per ann.....	{ Action of the Commissioner, Oct. 11, 1907.....	22 80
Plot at Broad Channel, Block 3, Lot 13.....	Caroline Kenn.....	At pleasure of the Commissioner or till May 1, 1912.....	21.74 per ann.....	{ Action of the Commissioner, May 15, 1908.....	21 74
Plot at Broad Channel, Block 4, Lot 7.....	Unity Fishing Club.....	At pleasure of the Commissioner or till May 1, 1912.....	18.00 per ann.....	{ Action of the Commissioner, May 25, 1908.....	36 00
Plot at Broad Channel, Block 6, Lot 1.....	C. & M. Young.....	At pleasure of the Commissioner or till May 1, 1912.....	14.70 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	14 70
Plot at Broad Channel, Block 6, Lot 1a.....	Benjamin Shaw.....	At pleasure of the Commissioner or till May 1, 1912.....	21.00 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	21 00
Plot at Broad Channel, Block 6, Lot 2a.....	A. Valois.....	At pleasure of the Commissioner or till May 1, 1912.....	42.00 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	42 00

Plot at Broad Channel, Block 6, Lot 3a.....	Joseph Shaw.....	At pleasure of the Commissioner or till May 1, 1912.....	21.00 per ann.....	{ Action of the Commissioner, May 15, 1908.....	17 00
Plot at Broad Channel, Block 6, Lot 4.....	Mrs. Nellie Carpenter.....	At pleasure of the Commissioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	60 00
Plot at Broad Channel, Block 6, Lot 5.....	Leopold Marx.....	At pleasure of the Commissioner or till May 1, 1912.....	36.00 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	36 00
Plot at Broad Channel, Block 6, Lot 11.....	Edward H. Schleiter.....	At pleasure of the Commissioner or till May 1, 1912.....	48.81 per ann.....	{ Action of the Commissioner, May 15, 1908.....	48 81
Plot at Broad Channel, Block 7, Lot 2.....	Peter G. Taylor.....	At pleasure of the Commissioner or till May 1, 1912.....	67.80 per ann.....	{ Action of the Commissioner, Oct. 11, 1907.....	67 80
Plot at Broad Channel, Block 7, Lots 4, 5, 6 and 7.....	Henry C. L. Wenk.....	At pleasure of the Commissioner or till May 1, 1912.....	110.52 per ann.....	{ Action of the Commissioner, Sept. 8, 1909.....	67 12
Plot at Broad Channel, Block 7, Lots 8, 9 and 10.....	Wm. P. Wagner.....	At pleasure of the Commissioner or till May 1, 1912.....	55.44 per ann.....	{ Action of the Commissioner, Oct. 11, 1907.....	.....
Plot at Broad Channel, Block 7, Lots 11 and 12.....	Chas. A. Wagner.....	At pleasure of the Commissioner or till May 1, 1912.....	52.92 per ann.....	{ Action of the Commissioner, May 15, 1908.....	52 92
Plot at Broad Channel, Block 7, Lots 13 and 14.....	Edward Gunnell.....	At pleasure of the Commissioner or till May 1, 1912.....	44.52 per ann.....	{ Action of the Commissioner, Sept. 16, 1907.....	44 52
Plot at Broad Channel, Block 7, Lots 15 and 16.....	Adam Hebel.....	At pleasure of the Commissioner or till May 1, 1912.....	67.12 per ann.....	{ Action of the Commissioner, May 15, 1908.....	.....
Plot at Broad Channel, Block 7, Lots 17 and 18.....	Otto J. Sporek.....	At pleasure of the Commissioner or till May 1, 1912.....	74.51 per ann.....	{ Action of the Commissioner, May 15, 1908.....	.....
Plot at Broad Channel, Block 7, Lot 19a.....	Ernst A. T. Bjerrun.....	At pleasure of the Commissioner or till May 1, 1912.....	40.26 per ann.....	{ Action of the Commissioner, May 15, 1908.....	40 26
Plot at Broad Channel, Block 7, Lot 24.....	Dennis O'Neil.....	At pleasure of the Commissioner or till May 1, 1912.....	47.62 per ann.....	{ Action of the Commissioner, May 15, 1908.....	47 62
Plot at Broad Channel, Block 7, Lot 26.....	Mrs. Mary Seiler.....	At pleasure of the Commissioner or till May 1, 1912.....	38.40 per ann.....	{ Action of the Commissioner, Aug. 15, 1907.....	38 40

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 7, Lot 27.	J. E. Brundin.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, Aug. 12, 1908.	..
Plot at Broad Channel, Block 7, Lot 28.	John Palmer.	At pleasure of the Commissioner or till May 1, 1912.	57.60 per ann.	{ Action of the Commissioner, May 15, 1908.	\$57 60
Plot at Broad Channel, Block 7, Lot 29.	Chas. Suffie.	At pleasure of the Commissioner or till May 1, 1912.	40.32 per ann.	{ Action of the Commissioner, May 15, 1908.	40 32
Plot at Broad Channel, Block 7, Lot 30.	Henry A. Renken.	At pleasure of the Commissioner or till May 1, 1912.	37.92 per ann.	{ Action of the Commissioner, Nov. 6, 1909.	37 92
Plot at Broad Channel, Block 7, Lot 31.	Joseph Rubsam.	At pleasure of the Commissioner or till May 1, 1912.	28.44 per ann.	{ Action of the Commissioner, May 15, 1908.	27 50
Plot at Broad Channel, Block 7, Lot 32.	Marion Boat Club.	At pleasure of the Commissioner or till May 1, 1912.	55.20 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	110 40
Plot at Broad Channel, Block 7, Lot 33.	F. L. McSorley.	At pleasure of the Commissioner or till May 1, 1912.	35.40 per ann.	{ Action of the Commissioner, May 15, 1908.	34 88
Plot at Broad Channel, Block 7, Lot 34.	F. L. McSorley.	At pleasure of the Commissioner or till May 1, 1912.	34.08 per ann.	{ Action of the Commissioner, May 15, 1908.	34 08
Plot at Broad Channel, Block 7, Lot 35.	Chas. Robertson.	At pleasure of the Commissioner or till May 1, 1912.	40.64 per ann.	{ Action of the Commissioner, Oct. 11, 1907.	40 64
Plot at Broad Channel, Block 7, Lot 36.	Dorscht Lodge Y. C.	At pleasure of the Commissioner or till May 1, 1912.	39.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	39 00
Plot at Broad Channel, Block 7, Lot 37.	Einsetter & Gluck.	At pleasure of the Commissioner or till May 1, 1912.	37.94 per ann.	{ Action of the Commissioner, Oct. 15, 1909.	35 88
Plot at Broad Channel, Block 7, Lot 38.	Rip Rorer Boat Club.	At pleasure of the Commissioner or till May 1, 1912.	36.74 per ann.	{ Action of the Commissioner, May 15, 1908.	36 74

Plot at Broad Channel, Block 7, Lot 39.	Owl Fishing Club.	At pleasure of the Commissioner or till May 1, 1912.	34.80 per ann.	{ Action of the Commissioner, May 15, 1908.	54 80
Plot at Broad Channel, Block 7, Lot 40.	Mary E. Rosner.	At pleasure of the Commissioner or till May 1, 1912.	32.70 per ann.	{ Action of the Commissioner, Dec. 20, 1909.	32 76
Plot at Broad Channel, Block 7, Lot 41.	Robert W. Williams.	At pleasure of the Commissioner or till May 1, 1902.	30.90 per ann.	{ Action of the Commissioner, May 15, 1908.	30 90
Plot at Broad Channel, Block 7, Lot 42.	Valentine Schrepfer.	At pleasure of the Commissioner or till May 1, 1912.	29.26 per ann.	{ Action of the Commissioner, May 15, 1908.	.....
Plot at Broad Channel, Block 8, Lot 14.	R. J. McGarvey.	At pleasure of the Commissioner or till May 1, 1912.	34.22 per ann.	{ Action of the Commissioner, July 6, 1908.	34 22
Plot at Broad Channel, Block 10, Lot 6.	Gordon C. Tuttle.	At pleasure of the Commissioner or till May 1, 1912.	35.27 per ann.	{ Action of the Commissioner, June 30, 1908.	.....
Plot at Broad Channel, Block 10, Lot 7.	Frank B. Arnsen.	At pleasure of the Commissioner or till May 1, 1912.	23.98 per ann.	{ Action of the Commissioner, June 23, 1908.	23 93
Plot at Broad Channel, Block 10, Lot 12.	James Smith.	At pleasure of the Commissioner or till May 1, 1912.	33.84 per ann.	{ Action of the Commissioner, July 28, 1908.	.....
Plot at Broad Channel, Block 12, Lot 3.	Jos. G. Kenn.	At pleasure of the Commissioner or till May 1, 1912.	16.50 per ann.	{ Action of the Commissioner, June 17, 1909.	16 50
Plot at Broad Channel, Block 12, Lot 16.	Geo. J. Butt.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, Aug. 23, 1909.	20 00
Plot at Broad Channel, Block 12, Lot 19.	Mrs. Rose Ringston.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, April 30, 1908, and Aug. 19, 1909.	.....
Plot at Broad Channel, Block 13, Lot 4.	Arbuckle and Dougherty.	At pleasure of the Commissioner or till May 1, 1912.	25.40 per ann.	{ Action of the Commissioner, Aug. 31, 1909.	16 94
Plot at Broad Channel, Block 13, Lot 12.	Stuke & Smith.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, Dec. 5, 1908.	12 50
Plot at Broad Channel, Block 14, Lot 2.	Louis C. Ott, Jr.	At pleasure of the Commissioner or till May 1, 1912.	40.32 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	80 64

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 14, Lot 3.	Actna Fishing Club.	At pleasure of the Commissioner or till May 1, 1912.	50.04 per ann.	{ Action of the Commissioner, May 15, 1908.	\$50.04
Plot at Broad Channel, Block 14, Lot 4.	Bernard Dougherty.	At pleasure of the Commissioner or till May 1, 1912.	35.16 per ann.	{ Action of the Commissioner, May 15, 1908.	35.16
Plot at Broad Channel, Block 14, Lot 5a.	John J. Denise.	At pleasure of the Commissioner or till May 1, 1912.	27.36 per ann.	{ Action of the Commissioner, May 15, 1908.	27.36
Plot at Broad Channel, Block 14, Lot 5s.	Hernan J. Ulrich.	At pleasure of the Commissioner or till May 1, 1912.	18.48 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	18.48
Plot at Broad Channel, Block 14, Lot 6.	Chas. Siglinger.	At pleasure of the Commissioner or till May 1, 1912.	13.44 per ann.	{ Actoin of the Commissioner, Aug. 28, 1907.	13.44
Plot at Broad Channel, Block 14, Lots 7 and 14.	Hernan Winkelseth.	At pleasure of the Commissioner or till May 1, 1912.	39.29 per ann.	{ Action of the Commissioner, May 15, 1908.	39.29
Plot at Broad Channel, Block 14, Lots 8 and 9.	Louis C. Ott.	At pleasure of the Commissioner or till May 1, 1912.	18.72 per ann.	{ Action of the Commissioner, May 15, 1908.	18.72
Plot at Broad Channel, Block 14, Lot 10.	Tony S. Massimo.	At pleasure of the Commissioner or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	.....
Plot at Broad Channel, Block 14, Lot 11.	Louis C. Ott.	At pleasure of the Commissioner or till May 1, 1912.	20.64 per ann.	{ Action of the Commissioner, May 15, 1908.	.....
Plot at Broad Channel, Block 14, Lot 12.	William Berger.	At pleasure of the Commissioner or till May 1, 1912.	12.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	12.00
Plot at Broad Channel, Block 14, Lot 13.	Frederick Gessler.	At pleasure of the Commissioner or till May 1, 1912.	12.24 per ann.	{ Action of the Commissioner, May 15, 1908.	12.24
Plot at Broad Channel, Block 14, Lot 15.	John J. Winkelseth.	At pleasure of the Commissioner or till May 1, 1912.	18.74 per ann.	{ Action of the Commissioner, May 15, 1908.	18.74
Plot at Broad Channel, Block 14, Lot 15a.	Chas. A. Zeiss.	At pleasure of the Commissioner or till May 1, 1912.	20.10 per ann.	{ Action of the Commissioner, May 15, 1908.	20.10

Plot at Broad Channel, Block 14, Lot 16.	Edward Baker.	At pleasure of the Commissioner or till May 1, 1912.	32.24 per ann.	{ Action of the Commissioner, May 15, 1908.	.....
Plot at Broad Channel, Block 14, Lot 17.	Pastime Fishing Club.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, May 15, 1908.	30.00
Plot at Broad Channel, Block 14, Lots 18, 19, 20 and 21.	Christian Hoobs.	At pleasure of the Commissioner or till May 1, 1912.	74.40 per ann.	{ Action of the Commissioner, May 15, 1908.	73.80
Plot at Broad Channel, Block 14, Lot 21a.	Christian Hoobs.	At pleasure of the Commissioner or till May 1, 1912.	29.40 per ann.	{ Action of the Commissioner, Oct. 22, 1909.	14.70
Plot at Broad Channel, Block 15, Lot 11.	Rev. H. F. Murray.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, June 1, 1908.	30.00
Plot at Broad Channel, Block 15, Lot 12.	Rev. H. F. Murray.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, Nov. 30, 1908.	30.00
Plot at Broad Channel, Block 15, Lot 15.	Val. Mahlman.	At pleasure of the Commissioner or till May 1, 1912.	24.00 per ann.	{ Action of the Commissioner, June 26, 1908.	24.00
Plot at Broad Channel, Block 15, Lot 17.	George Kinder.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, July 13, 1909.	25.00
Plot at Broad Channel, Block 15, Lot 19, and Block 17, Lot 25.	Frederick Eckhardt.	At pleasure of the Commissioner or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, Dec. 24, 1907.	60.00
Plot at Broad Channel, Block 15, Lot 18, and Block 17, Lot 26.	Frederick Eckhardt.	At pleasure of the Commissioner or till May 1, 1912.	60.00 per ann.	{ Action of the Commissioner, Mar. 24, 1909.	5.00
Plot at Broad Channel, Block 15, Lot 25.	Edw. F. Lafferty.	At pleasure of the Commissioner or till May 1, 1912.	12.60 per ann.	{ Action of the Commissioner, May 15, 1908.	12.60
Plot at Broad Channel, Block 17, Lot 11.	J. Richard.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, Sept. 16, 1907.	.....
Plot at Broad Channel, Block 17, Lot 14.	Mrs. Susan T. Provost.	At pleasure of the Commissioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commissioner, March, 22 1909.	32.50
Plot at Broad Channel, Block 17, Lot 15.	Geo. T. Provost, Jr.	At pleasure of the Commissioner or till May 1, 1912.	24.00 per ann.	{ Action of the Commissioner, March 31, 1908.	24.00



DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 17, Lot 17.....	Elbert Valentine.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, June 29, 1909.....	25 00
Plot at Broad Channel, Block 17, Lot 18.....	Frederick Eckhardt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907.....	
Plot at Broad Channel, Block 17, Lot 19.....	Frederick Eckhardt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907.....	
Plot at Broad Channel, Block 18, Lot 1.....	Geo. Diemer.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, Feb. 24, 1909.....	41 25
Plot at Broad Channel, Block 18, Lot 6.....	Mrs. I. Jacobson.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	
Plot at Broad Channel, Block 18, Lot 7.....	Geo. C. Breigrogl.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907.....	140 33 00
Plot at Broad Channel, Block 18, Lot 8.....	Chas. F. Gaellenrichter..	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	33 00
Plot at Broad Channel, Block 18, Lot 9.....	Lawrence W. Rice.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, Oct. 17, 1907.....	33 00
Plot at Broad Channel, Block 18, Lot 10.....	Wm. Gay.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, Aug. 13, 1907.....	33 00
Plot at Broad Channel, Block 18, Lot 11.....	Louis A. Steinmetz.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	33 00
Plot at Broad Channel, Block 18, Lot 12.....	Edgar L. Moore.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	33.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	33 00
Plot at Broad Channel, Block 19, Lot 1.....	Francis J. Kraemer.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	32.40 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	32 40
Plot at Broad Channel, Block 19, Lots 2 and 3..	Wm. Carey.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	60.00 per ann.....	{ Action of the Commis- sioner, May 13, 1909.....	24 28

Plot at Broad Channel, Block 19, Lot 4.....	Gaiety Yacht Club.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	88.80 per ann.....	{ Action of the Commis- sioner, May 15, 1908, and Dec. 1, 1909.....	45 00
Plot at Broad Channel, Block 19, Lot 10.....	Henry J. Hoehn & Co....	{ At pleasure of the Com- missioner or till May 1, 1912.....	16.04 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907.....	32 08
Plot at Broad Channel, Block 19, Lot 11.....	Cheerful Liars F. C.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	14.26 per ann.....	{ Action of the Commis- sioner, Feb. 15, 1908.....	14 26
Plot at Broad Channel, Block 19, Lot 13.....	David Hensler.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.60 per ann.....	{ Action of the Commis- sioner, Sept. 30, 1907.....	12 60
Plot at Broad Channel, Block 19, Lot 14.....	John C. Koppins.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	12 00
Plot at Broad Channel, Block 19a, Lot 25.....	J. Oberly.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	30 00
Plot at Broad Channel, Block 19a, Lot 26.....	Frederick Wills.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	30 00
Plot at Broad Channel, Block 19a, Lot 27.....	Monett & Willis.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	30 00
Plot at Broad Channel, Block 19a, Lot 28.....	Sea Gull Fishing Club....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	141 30 00
Plot at Broad Channel, Block 19a, Lot 29.....	Martin P. W. Wolf.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	28.00 per ann.....	{ Action of the Commis- sioner, Sept. 10, 1908.....	28 00
Plot at Broad Channel, Block 19a, Lot 30.....	Thomas J. Marsh.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.00 per ann.....	{ Action of the Commis- sioner, Sept. 10, 1908.....	
Plot at Broad Channel, Block 19a, Lots 31, 32, and 33.....	Chas. Schmitt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	90.00 per ann.....	{ Action of the Commis- sioner, Oct. 11, 1907.....	90 00
Plot at Broad Channel, Block 19a, Lot 34.....	Chas. Schmitt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, Oct. 29, 1907.....	
Plot at Broad Channel, Block 19a, Lot 35.....	National Boat Club.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908.....	30 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 19a, Lot 36.	Gerald Griffin.	{ At pleasure of the Com- missioner or till May 1, 1912. }	30.00 per ann.	{ Action of the Commis- sioner, Sept. 19, 1908. }	.....
Plot at Broad Channel, Block 19a, Lot 37.	Geo. Kruckey.	{ At pleasure of the Com- missioner or till May 1, 1912. }	31.50 per ann.	{ Action of the Commis- sioner, Oct. 4, 1909. }	\$23 63
Plot at Broad Channel, Block 19b, Lot 5.	Louis H. Encker.	{ At pleasure of the Com- missioner or till May 1, 1912. }	30.00 per ann.	{ Action of the Commis- sioner, June 29, 1909. }	34 13
Plot at Broad Channel, Block 19b, Lot 7.	August G. Faber.	{ At pleasure of the Com- missioner or till May 1, 1912. }	30.00 per ann.	{ Action of the Commis- sioner, Oct. 7, 1909. }	18 34
Plot at Broad Channel, Block 20, Lot 1.	E. Bittorf.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	.....
Plot at Broad Channel, Block 20, Lot 2.	E. Bittorf.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, March 22, 1909. }	38 50
Plot at Broad Channel, Block 20, Lot 5.	Pauline Kaufman.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, July 28, 1908. }	33 00
Plot at Broad Channel, Block 20, Lot 10.	Chas. A. King.	{ At pleasure of the Com- missioner or till May 1, 1912. }	24.18 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	23 36
Plot at Broad Channel, Block 20, Lot 14.	A. D. Sullivan.	{ At pleasure of the Com- missioner or till May 1, 1912. }	20.84 per ann.	{ Action of the Commis- sioner, April 30, 1908. }	.....
Plot at Broad Channel, Block 20, Lot 17.	Geo. O'Shea.	{ At pleasure of the Com- missioner or till May 1, 1912. }	24.00 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	24 00
Plot at Broad Channel, Block 20, Lot 24.	F. J. Robinson.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, Jan. 30, 1909. }	42 63
Plot at Broad Channel, Block 20, Lot 25.	Semar & Fessler.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, April 7, 1909. }	33 00

Plot at Broad Channel, Block 20, Lot 26.	Henry J. Lehman.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.00 per ann.	{ Action of the Commis- sioner, July 17, 1908, and Dec. 10, 1909. }	33 00
Plot at Broad Channel, Block 21, Lot 1.	Thos. F. Cary.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.90 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	33 90
Plot at Broad Channel, Block 21, Lot 2.	Geo. B. Kinder.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	.....
Plot at Broad Channel, Block 21, Lot 3.	John C. Schroeder.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	33 60
Plot at Broad Channel, Block 21, Lot 4.	James T. Harris.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	.....
Plot at Broad Channel, Block 21, Lot 5.	P. J. Andrews.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	.....
Plot at Broad Channel, Block 21, Lot 6.	John S. Burnett.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	33 60
Plot at Broad Channel, Block 21, Lot 7.	Blims & Shaughnessy.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	33 60
Plot at Broad Channel, Block 21, Lot 8.	A. Ottman.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, May 15, 1908. }	33 60
Plot at Broad Channel, Block 21, Lot 9.	Crescent Quartette Club.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	67 20
Plot at Broad Channel, Block 21, Lot 10.	Geo. J. C. Shields.	{ At pleasure of the Com- missioner or till May 1, 1912. }	33.60 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	.....
Plot at Broad Channel, Block 21, Lots 11 and 12.	P. C. Eckhardt.	{ At pleasure of the Com- missioner or till May 1, 1912. }	66.44 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	.....
Plot at Broad Channel, Block 21, Lot 13.	Arthur C. Zimmer.	{ At pleasure of the Com- missioner or till May 1, 1912. }	32.40 per ann.	{ Action of the Commis- sioner, July 25, 1907. }	32 40
Plot at Broad Channel, Block 22, Lots 1 and 2a.	Fred Baltheimer.	{ At pleasure of the Com- missioner or till May 1, 1912. }	41.94 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907. }	41 94

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS					
Plot at Broad Channel, Block 22, Lots 2b and 3.	Murcott & Steffens.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	53.54 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907....	\$53 54
Plot at Broad Channel, Block 22, Lot 4.	Eggers & Schmidt.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	32.88 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	32 88
Plot at Broad Channel, Block 22, Lots 5 and 6.	George Stenger.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	68.84 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907....	68 84
Plot at Broad Channel, Block 22, Lot 7.	Charles Reinig.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	33.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	33 00
Plot at Broad Channel, Block 22, Lot 8.	Edward Severin.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	27.74 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	25 48
Plot at Broad Channel, Block 22, Lot 9.	Joseph E. Siebree.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	20.24 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907....	20 24
Plot at Broad Channel, Block 22, Lot 9w.	Fred Helber.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	12.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	12 00
Plot at Broad Channel, Block 24, Lots 1 and 2.	Enterprise Fishing Club..	{ At pleasure of the Com- missioner or till May 1, 1912. ....	102.06 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	102 06
Plot at Broad Channel, Block 24, Lot 3.	Enterprise Fishing Club..	{ At pleasure of the Com- missioner or till May 1, 1912. ....	12.00 per ann.....	{ Action of the Commis- sioner, May 21, 1908....	12 00
Plot at Broad Channel, Block 24, Lot 2a.	Entre Nous Fishing Club.	{ At pleasure of the Com- missioner or till May 1, 1912. ....	28.80 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	28 80
Plot at Broad Channel, Block 24, Lot 3a.	Peter Brennan.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	25.44 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	25 44
Plot at Broad Channel, Block 24, Lots 4-10.	Charles Foeller.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	89.28 per ann.....	{ Action of the Commis- sioner, Oct. 11, 1907....	89 28

Plot at Broad Channel, Block 27, Lot 5.	Michael J. Curry.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	42.00 per ann.....	{ Action of the Commis- sioner April 7, 1909.....	42 00
Plot at Broad Channel, Block 27, Lots 7-11.	Edward Schuster.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	217.50 per ann.....	{ Action of the Commis- sioner, April 6, 1909....	271 88
Plot at Broad Channel, Block 28, Lot 8.	Geo. J. Van Nostrand....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	25.50 per ann.....	{ Action of the Commis- sioner, July 13, 1909..#	21 25
Plot at Broad Channel, Block 28, Lot 11.	Harry C. Johnson.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	22.50 per ann.....	{ Action of the Commis- sioner, July 13, 1909....	22 50
Plot at Broad Channel, Block 29, Lot 4.	Michael J. Forbes.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	12.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	12 00
Plot at Broad Channel, Block 29, Lot 37.	Mrs. August Reitz.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, March 15, 1909..	7 50
Plot at Broad Channel, Block 29, Lot 38.	Stephen H. Gothard.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, July 28, 1908....	.....
Plot at Broad Channel, Block 29, Lot 40.	R. C. Jarrold.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, March 12, 1908..	30 00
Plot at Broad Channel, Block 29, Lot 42.	Arthur W. Miller.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	.....
Plot at Broad Channel, Block 29, Lot 46.	A. & M. Klaliber.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	30 00
Plot at Broad Channel, Block 29, Lot 47.	No Name Club.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	30 00
Plot at Broad Channel, Block 29, Lot 48.	Robert O'Grady.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	33.18 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907....	33 18
Plot at Broad Channel, Block 30, Lot 1.	Tanzer & Kaufman.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	30.00 per ann.....	{ Action of the Commis- sioner, Sept. 17, 1907....	.....
Plot at Broad Channel, Block 30, Lot 2.	Mrs. J. Demand.....	{ At pleasure of the Com- missioner or till May 1, 1912. ....	27.36 per ann.....	{ Action of the Commis- sioner, May 25, 1908....	27 36

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 30, Lot 3.	Jas. Williamson	{ At pleasure of the Com- missioner or till May 1, 1912.	\$15.44 per ann.	{ Action of the Commis- sioner, Oct. 11, 1907.	.....
Plot at Broad Channel, Block 30, Lot 31.	Thos. E. Rand	{ At pleasure of the Com- missioner or till May 1, 1912.	14.40 per ann.	{ Action of the Commis- sioner, July 13, 1909.	\$12 00
Plot at Broad Channel, Block 30, Lot 32.	Chas. J. Miller	{ At pleasure of the Com- missioner or till May 1, 1912.	14.40 per ann.	{ Action of the Commis- sioner, May 2, 1909.	14 40
Plot at Broad Channel, Block 30, Lots 35 and 36.	W. G. Gundlach	{ At pleasure of the Com- missioner or till May 1, 1912.	27.00 per ann.	{ Action of the Commis- sioner, June 7, 1909.	27 00
Plot at Broad Channel, Block 30, Lot 37.	Archie Jarrold	{ At pleasure of the Com- missioner or till May 1, 1912.	13.50 per ann.	{ Action of the Commis- sioner, April 7, 1908.	13 50
Plot at Broad Channel, Block 30, Lot 38.	Simeon S. Pye	{ At pleasure of the Com- missioner or till May 1, 1912.	12.00 per ann.	{ Action of the Commis- sioner, April 30, 1908.	12 00
Plot at Broad Channel, Block 30, Lot 40.	Edw. F. Garcia	{ At pleasure of the Com- missioner or till May 1, 1912.	12.60 per ann.	{ Action of the Commis- sioner, May 15, 1908.	.....
Plot at Broad Channel, Block 30, Lot 41.	Stephen Golding	{ At pleasure of the Com- missioner or till May 1, 1912.	12.60 per ann.	{ Action of the Commis- sioner, March 31, 1908.	12 60
Plot at Broad Channel, Block 30, Lot 42.	Chas. B. Montegolfe	{ At pleasure of the Com- missioner or till May 1, 1912.	12.60 per ann.	{ Action of the Commis- sioner, July 1, 1908.	12 60
Plot at Broad Channel, Block 30, Lot 42.	Philip Doling	{ At pleasure of the Com- missioner or till May 1, 1912.	12.60 per ann.	{ Action of the Commis- sioner, May 7, 1909.	12 60
Plot at Broad Channel, Block 34, Lot 3.	Everett W. Sharkey	{ At pleasure of the Com- missioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commis- sioner, Sept. 16, 1907.	30 00
Plot at Broad Channel, Block 34, Lot 5.	Geo. Stenger	{ At pleasure of the Com- missioner or till May 1, 1910.	38.40 per ann.	{ Action of the Commis- sioner, June 4, 1909.	35 20

Plot at Broad Channel, Block 34, Lot 6.	R. A. Sharkey	{ At pleasure of the Com- missioner or till May 1, 1910.	38.40 per ann.	{ Action of the Commis- sioner, May 15, 1909.	38 40
Plot at Broad Channel, Block 34, Lot 9.	Andrew Elliott	{ At pleasure of the Com- missioner or till May 1, 1912.	39.00 per ann.	{ Action of the Commis- sioner, May 15, 1908.	39 00
Plot at Broad Channel, Block 34, Lot 16.	Fred G. Frank	{ At pleasure of the Com- missioner or till May 1, 1912.	29.10 per ann.	{ Action of the Commis- sioner, May 18, 1909.	29 10
Pier at Broad Channel, Block 34, Lot 17.	Gustav Hoppe	{ At pleasure of the Com- missioner or till May 1, 1912.	27.00 per ann.	{ Action of the Commis- sioner, April 30, 1908.	27 00
Plot at Broad Channel, Block 34, Lot 22.	Gus Stutzman	{ At pleasure of the Com- missioner or till May 1, 1912.	24.00 per ann.	{ Action of the Commis- sioner, July 16, 1908.	.....
Plot at Broad Channel, Block 35, Lots 1, 2 and 3.	P. O. Connor	{ At pleasure of the Com- missioner or till May 1, 1912.	60.74 per ann.	{ Action of the Commis- sioner, Sept. 10, 1908.	.....
Plot at Broad Channel, Block 35, Lot 4.	P. O. Connor	{ At pleasure of the Com- missioner or till May 1, 1912.	35.70 per ann.	{ Action of the Commis- sioner, July 13, 1909.	28 03
Plot at Broad Channel, Block 35, Lot 7.	John C. Groh	{ At pleasure of the Com- missioner or till May 1, 1912.	36.60 per ann.	{ Action of the Commis- sioner, Feb. 24, 1909.	6 10
Plot at Broad Channel, Block 35, Lot 9.	John C. Groh	{ At pleasure of the Com- missioner or till May 1, 1912.	34.20 per ann.	{ Action of the Commis- sioner, Dec. 9, 1909.	34 20
Plot at Broad Channel, Block 35, Lot 10.	Jno. F. Timmons	{ At pleasure of the Com- missioner or till May 1, 1912.	32.40 per ann.	{ Action of the Commis- sioner, Nov. 30, 1908.	45 90
Plot at Broad Channel, Block 35, Lot 12.	Samuel Robinson	{ At pleasure of the Com- missioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commis- sioner, Aug. 12, 1908.	2000
Plot at Broad Channel, Block 35, Lot 13.	Samuel Robinson	{ At pleasure of the Com- missioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commis- sioner, March 12, 1909.	35 00
Plot at Broad Channel, Block 35, Lot 14.	John S. Burnett	{ At pleasure of the Com- missioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commis- sioner, May 10, 1909.	30 00
Plot at Broad Channel, Block 35, Lot 15.	Cowen & Maguire	{ At pleasure of the Com- missioner or till May 1, 1912.	30.00 per ann.	{ Action of the Commis- sioner, May 15, 1908.	30 00

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Block 35, Lot 16.....	Chas. Van Sise.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	\$30.00 per ann.....	{ Action of the Commis- sioner, May 1, 1909.....	\$30 00
Plot at Broad Channel, Block 35, Lot 17.....	P. O'Connor.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	30.00 per ann.....	{ Action of the Commis- sioner, Oct. 11, 1907....	.....
Plot at Broad Channel, Block 35, Lots 18-19...{	J. F. Trommer Brewing Co.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	60.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1909....	60 00
Plot at Broad Channel, Block 35, Lots 20-23...{	J. F. Trommer Brewing Co.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	120.00 per ann.....	{ Action of the Commis- sioner, Oct. 19, 1909....	120 00
Plot at Broad Channel, Block 41, Lots 1-2, {	Mrs. L. B. Willett.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	91.50 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	90 00
Plot at Broad Channel, Block 45, Lots 17-21....	Mrs. Martha W. Harbordt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	82.51 per ann.....	{ Action of the Commis- sioner, Sept. 24, 1907, and June 7, 1909.....	82 51
Plot at Broad Channel, Block 45, Lots 25, 26 and 27	Mrs. Martha W. Harbordt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	68.70 per ann.....	{ Action of the Commis- sioner, Feb. 8, 1908, and June 7, 1909.....	151 21
Plot at Broad Channel, Block 45, Lot 28.....	Chas. H. Barrett.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.00 per ann.....	{ Action of the Commis- sioner, Oct. 29, 1907....	.....
Plot at Broad Channel, Block 45, Lot 29.....	Wm. J. Casey.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.60 per ann.....	{ Action of the Commis- sioner, June 2, 1909....	27 60
Plot at Broad Channel, Block 45, Lot 30.....	Conrad Garbe.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	28.80 per ann.....	{ Action of the Commis- sioner, June 2, 1909....	28 80
Plot at Broad Channel, Block 47, Lot 3.....	Wm. J. Casey.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	21.60 per ann.....	{ Action of the Commis- sioner, Aug. 12, 1909....	16 20
Plot at Broad Channel, Block 100, Lot 7.....	John J. Bridges.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	31.20 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1908..	62 40
Plot at Broad Channel, Block 100, Lot 7a.....	Alfred E. Homburg.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.36 per ann.....	{ Action of the Commis- sioner, Dec. 1, 1909....	.....

Plot at Broad Channel, Block 100, Lot 12.....	Frank Goehringer.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	22.50 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	22 50
Plot at Broad Channel, Block 100, Lot 13.....	C. Broschard.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	26.54 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	26 54
Plot at Broad Channel, Block 100, Lot 14.....	August Hahn.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	24.00 per ann.....	{ Action of the Commis- sioner, July 17, 1908....	.....
Plot at Broad Channel, Block 100, Lot 15.....	Frederick Suesser.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	23.10 per ann.....	{ Action of the Commis- sioner, May 26, 1908....	23 10
Plot at Broad Channel, Block 100, Lots 16 and 17	Fred Brenner, Jr.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	31.03 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	.....
Plot at Broad Channel, Block 101, Lots 1, 2 and 3	Wm. H. Harlow.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	28.80 per ann.....	{ Action of the Commis- sioner, July 27, 1908....	.....
Plot at Broad Channel, Block 101, Lot 4.....	John McCurry.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commis- sioner, May 21, 1908....	.....
Plot at Broad Channel, Block 101, Lot 5.....	Wm. H. Harlow.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.36 per ann.....	{ Action of the Commis- sioner, May 21, 1908....	12 36
Plot at Broad Channel, Block 101, Lot 6.....	Mrs. H. L. Dodd.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908....	12 00
Plot at Broad Channel, Block 101, Lot 7.....	Alfred E. Homburg.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	27.36 per ann.....	{ Action of the Commis- sioner, Dec. 1, 1909....	.....
Plot at Broad Channel, Block 101, Lot 9.....	F. S. Ackerman.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	19.20 per ann.....	{ Action of the Commis- sioner, April 30, 1909....	19 20
Plot at Broad Channel, Block 105, Lot 10.....	L. S. Fenton.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	18.90 per ann.....	{ Action of the Commis- sioner, April 7, 1908....	18 90
Plot at Broad Channel, Block 105, Lot 12.....	Geo. E. Lewis & Co.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	12.00 per ann.....	{ Action of the Commis- sioner, April 30, 1908....	.....
Plot at Broad Channel, Block 106, Lot 14.....	Wm. Sandstrom.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	37.44 per ann.....	{ Action of the Commis- sioner, May 15, 1908....	37 44

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS					
Plot at Broad Channel, Block 108, Lot 1.....	Chas. Richard.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	\$12.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907... }	\$12 00
Plot at Broad Channel, Block 109, Lots 1 and 2..	Slamti Rod & Gun Club.	{ At pleasure of the Com- missioner or till May 1, 1912. }	60.60 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907... }	.....
Plot at Broad Channel, Block 109, Lots 3 and 4..	John McCurry.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	61.80 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	61 80
Plot at Broad Channel, Block 109, Lot 5.....	Ellen C. Mahlon.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	27.30 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	27 30
Plot at Broad Channel, Block 109, Lot 6.....	Dr. C. W. Brantigan.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	27.30 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	27 30
Plot at Broad Channel, Block 109, Lot 7.....	Wm. A. Black.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	27.75 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	25 52
Plot at Broad Channel, Block 109, Lot 8.....	John J. Lambert.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	28.20 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	26 40
Plot at Broad Channel, Block 109, Lot 10.....	Wm. Engel.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	25.00 per ann.....	{ Action of the Commis- sioner, April 17, 1908... }	25 00
Plot at Broad Channel, Block 109, Lot 11.....	Lawrence L. Hartl.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	25.00 per ann.....	{ Action of the Commis- sioner, April 17, 1908... }	25 00
Plot at Broad Channel, Block 109, Lots 12 and 13	Kalkbrenner & Exner.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	49.60 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	.....
Plot at Broad Channel, Block 109, Lots 14 and 15	Chas. P. Weis.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	39.30 per ann.....	{ Action of the Commis- sioner, March 12, 1908... }	39 30
Plot at Broad Channel, Block 109, Lots 15n and 16	John A. Schoepp.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	36.90 per ann.....	{ Action of the Commis- sioner, April 6, 1908... }	36 90
Plot at Broad Channel, Block 109, Lot 17.....	Edw. H. Madison.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	21.00 per ann.....	{ Action of the Commis- sioner, Sept. 10, 1907... }	21 00

150

Plot at Broad Channel, Block 109, Lot 18.....	Pawnee Club.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	18.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	.....
Plot at Broad Channel, Block 111, Lot 1.....	Paul & Wm. Boest.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.94 per ann.....	{ Action of the Commis- sioner, April 14, 1909... }	15 94
Plot at Broad Channel, Block 111, Lot 2.....	Herman Hoffman.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.90 per ann.....	{ Action of the Commis- sioner, June 26, 1909... }	13 92
Plot at Broad Channel, Block 111, Lot 3.....	Neil J. Skou.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	13.60 per ann.....	{ Action of the Commis- sioner, July 13, 1909... }	18 50
Plot at Broad Channel, Block 111, Lot 4.....	Arthur Tarrant.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	22.50 per ann.....	{ Action of the Commis- sioner, Dec. 15, 1909... }	8 44
Plot at Broad Channel, Block 111, Lot 5.....	Frank Denig.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	25.50 per ann.....	{ Action of the Commis- sioner, Dec. 14, 1909... }	8 50
Plot at Broad Channel, Lot 140.....	Wm. H. Leonhard.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	21.60 per ann.....	{ Action of the Commis- sioner, Aug. 10, 1909... }	19 20
Plot at Broad Channel, Lots 142 and 142a.....	Jacob J. Velton.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	48.00 per ann.....	{ Action of the Commis- sioner, Oct. 11, 1907, and Dec. 10, 1909... }	151 99 20
Plot at Broad Channel, Lot 143.....	Chas. Whelan.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	15 00
Plot at Broad Channel, Lot 145.....	Frederick Gessler.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	15 00
Plot at Broad Channel, Lot 146.....	C. J. Lawler.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.00 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	.....
Plot at Broad Channel, Lot 161.....	Louis C. Ott.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	12.00 per ann.....	{ Action of the Commis- sioner, Sept. 16, 1907... }	12 00
Plot at Broad Channel, Lot 189.....	Wm. P. Amberman.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	48.89 per ann.....	{ Action of the Commis- sioner, May 15, 1908... }	48 89
Plot at Broad Channel, Lot 414.....	Michael P. Burke.....	{ At pleasure of the Com- missioner or till May 1, 1912. }	15.00 per ann.....	{ Action of the Commis- sioner, Nov. 4, 1908... }	22 50

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
QUEENS.					
Plot at Broad Channel, Lot 419.....	Otto Schmidt.....	{ At pleasure of the Com- missioner or till May 1, 1912.....	\$12.00 per ann.....	{ Action of the Commis- sioner, June 5, 1909.....	\$11 00
RICHMOND.					
Pier at Rosville, Staten Island.....	Chas. W. Hughes.....	{ At pleasure of the Com- missioner.....	150.00 per ann.....	{ Action of the Commis- sioner, May 4, 1909.....	37 50
Berth 200 feet of pier foot Canal street, Stapleton and space for structures 30x 80 feet.....	Rodgers and Haggerty.....	{ At pleasure of the Com- missioners.....	100.00 per month.....	{ Action of the Commis- sioner, Sept. 16, 1909.....	200 00
STATEN ISLAND FERRY.					
Tracks for steam railroad in station at St. George, Staten Island.....	Staten Island Rapid Transit Railway Co.....	{ May 29, 1905, to May 29, 1915..... { May 29, 1915, to May 29, 1925..... { May 29, 1925, to May 29, 1935.....	8,780.00 per ann..... 9,658.00 per ann..... 10,623.80 per ann.....	{ Action of the Commis- sioner, April 4, 1905. Approved by Sinking Fund, April 5, 1905.....	8,780 00
Tracks for trolley lines in station at St. George, Staten Island.....	Richmond Light & Rail- road Company.....	{ May 29, 1905, to May 29, 1915..... { May 29, 1915, to May 29, 1925..... { May 29, 1925, to May 29, 1935.....	8,780.00 per ann..... 9,658.00 per ann..... 10,623.80 per ann.....	{ Action of the Commis- sioner, April 4, 1905. Approved by Sinking Fund, April 5, 1905.....	8,780 00
Tracks on viaduct between Jay Street and Ter- minal Station, St. George, S. I.....	Richmond Light & Rail- road Company.....	{ 10 years, with two re- newal terms of 10 years each.....	900.00 1st term..... 990.00 2d term..... 1,089.00 3d term.....	{ Action of the Commis- sioner, April 4, 1905. Approved by Sinking Fund, April 5, 1905.....	.....
Pay station at Manhattan Terminal.....	N. Y. Telephone Com- pany.....	{ At pleasure of the Com- missioner.....	350.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	350 04
Pay station at Richmond Terminal.....	N. Y. & N. J. Telephone Company.....	{ At pleasure of the Com- missioner.....	150.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	150 00
Barber shop at Richmond Terminal.....	Chas. M. Schwalbe.....	{ At pleasure of the Com- missioner.....	120.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	120 00
Store room at Richmond Terminal.....	U. S. Express Company.....	{ At pleasure of the Com- missioner.....	1,500.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	1,500 00
Carrying mails on ferry, etc.....	U. S. Post Office.....	{ At pleasure of the Com- missioner.....	600.00 per ann.....	{ Action of the Commis- sioner, July 6, 1909.....	1,571 57
Newspaper and flower stands, machines, etc., Manhattan Terminal.....	Wm. Wharton.....	{ At pleasure of the Com- missioner.....	3,900.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	975 00

Newspaper and flower stands, machines, etc., Manhattan Terminal.....	Chas. A. Clayton.....	{ At pleasure of the Com- missioner.....	7,225.00 per ann.....	{ Action of the Commis- sioner, April 27, 1909.....	4,816 64
Newspaper stand, restaurant, machines, etc., Richmond Terminal.....	James Hughes.....	{ At pleasure of the Com- missioner.....	4,750.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	2,375 00
Newspaper stand, restaurant, machines, etc., Richmond Terminal.....	Wm. Wheeler.....	{ At pleasure of the Com- missioner.....	4,510.00 per ann.....	{ Action of the Commis- sioner, April 23, 1909.....	3,006 64
Boot blacking business.....	Catoggio Bros.....	{ At pleasure of the Com- missioner.....	8,000.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	7,999 94
Music on boats.....	Jos. Lapitino.....	{ At pleasure of the Com- missioner.....	1,500.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	1,466 68
Office at Richmond Terminal.....	Western Union Tele- Co.....	{ At pleasure of the Com- missioner.....	120.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	120 00
News bureau at Manhattan Terminal.....	New York Herald.....	{ At pleasure of the Com- missioner.....	180.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	180 00
Wireless station at Manhattan Terminal.....	New York Herald.....	{ At pleasure of the Com- missioner.....	120.00 per ann.....	{ Action of the Commis- sioner, May 1, 1909.....	68 00
Weighing machines at both Terminals.....	H. P. Miles.....	{ At pleasure of the Com- missioner.....	460.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	153 36
Mineral water machine at Manhattan Terminal.....	N. Y. Centadrink Co.....	{ At pleasure of the Com- missioner.....	75.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	18 75
Mineral water machine at Richmond Terminal.....	N. Y. Centadrink Co.....	{ At pleasure of the Com- missioner.....	75.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	18 75
Cab stand at Richmond Terminal.....	Chas. Beaszler.....	{ At pleasure of the Com- missioner.....	36.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	36 00
Cab stand at Richmond Terminal.....	Chas. Beaszler.....	{ At pleasure of the Com- missioner.....	24.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	24 00
Cab stand at Richmond Terminal.....	Thos. J. Kiernan.....	{ At pleasure of the Com- missioner.....	24.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	24 00
Cab stand at Richmond Terminal.....	Stephen McEaney.....	{ At pleasure of the Com- missioner.....	24.00 per ann.....	{ Action of the Commis- sioner, June 30, 1907.....	24 00
Cab stand at Richmond Terminal.....	Thos. J. Fenley.....	{ At pleasure of the Com- missioner.....	24.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.....	24 00
Two multiphase machines at Richmond Ter- minal.....	Multiphase Operating Co.....	{ At pleasure of the Com- missioner.....	200.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.....	83 30
One multiphase machine at Manhattan Ter- minal.....	Multiphase Operating Co.....	{ At pleasure of the Com- missioner.....	125.00 per ann.....	{ Action of the Commis- sioner, Dec. 3, 1907.....	52 10
One phonograph at Manhattan Terminal.....	R. F. Winne.....	{ At pleasure of the Com- missioner.....	125.00 per ann.....	{ Action of the Commis- sioner, Jan. 13, 1908.....	30 50

DESCRIPTION OF PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.	RENT.	RIGHT OF TENANCY.	RECEIVED.
Furnishing steam for office.....	Richmond L. & R. R. Co.	{ At pleasure of the Com- missioner..... }	\$250.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.... }	\$117 39
News stand outside Manhattan Terminal.....	Andrew J. Hickey.....	{ At pleasure of the Com- missioner..... }	2.00 per mo.....	{ Action of the Commis- sioner, Jan. 22, 1909.... }	22 64
Storing stone on pier at Stapleton.....	Gore-Meehan Co.....	{ At pleasure of the Com- missioner..... }	30.00 per mo.....	{ Action of the Commis- sioner, May 8, 1909.... }	90 00
Berth at St. George.....	Ferro Concrete Cons. Co.	{ At pleasure of the Com- missioner..... }	1.00 per day.....	{ Action of the Commis- sioner, May 12, 1909.... }	167 00
STATEN ISLAND FERRY.					
Two displaygraphs at Richmond Terminal....	N. Y. & N. J. Display- graph Co.....	{ At pleasure of the Com- missioner..... }	100.00 per ann.....	{ Action of the Commis- sioner, July 8, 1909.... }	12 90
News and refreshment stand outside Manhattan Terminal.....	Otto Abrams.....	{ At pleasure of the Com- missioner..... }	20.00 per mo.....	{ Action of the Commis- sioner, Oct. 4, 1909.... }	60 00
Berths for boats at Stapleton.....	Edw. V. Farley.....	{ At pleasure of the Com- missioner..... }	5.00 per day.....	{ Action of the Commis- sioner July 2, 1909.... }	630 00
Baggage and parcel rooms at both terminals and lunch counter, Manhattan.....	Auto Lunch Co.....	{ At pleasure of the Com- missioner..... }	300.00 per ann.....	{ Action of the Commis- sioner, Dec. 27, 1909.... }	.....
THIRTY-NINTH STREET FERRY.					
News and cigar stands, etc., at both terminals.....	Wm. Wheeler.....	{ At pleasure of the Com- missioner..... }	1,805.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908, and April 23, 1909.... }	1,620 03
Music on boats.....	Jos. Lapitino.....	{ At pleasure of the Com- missioner..... }	400.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908, and April 23, 1909.... }	433 30
Boat blacking on boats.....	Jos. Lapitino.....	{ At pleasure of the Com- missioner..... }	400.00 per ann.....	{ Action of the Commis- sioner June 30, 1908, and April 23, 1909.... }	433 30
Fruit stand at Thirty-ninth street.....	D. Salvia.....	{ At pleasure of the Com- missioner..... }	8.33 per mo.....	{ Action of the Commis- sioner May 1, 1908.... }	99 96
Five weighing and vending machines, both ter- minals.....	H. P. Miles.....	{ At pleasure of the Com- missioner..... }	525.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.... }	175 00
One multiphone machine at Manhattan Terminal....	Multiphone Operating Co.	{ At pleasure of the Com- missioner..... }	100.00 per ann.....	{ Action of the Commis- sioner, May 1, 1908.... }	41 65
One multiphone machine at Thirty-ninth street Terminal.....	Multiphone Operating Co.	{ At pleasure of the Com- missioner..... }	100.00 per ann.....	{ Action of the Commis- sioner, June 30, 1908.... }	4 65

Signs on structure.....	Union Ferry Co.....	{ At pleasure of the Com- missioner..... }	1.00 per mo.....	{ Action of the Commis- sioner, Jan. 20, 1909.... }	8 00
Landing ferry boat at Manhattan Terminal.....	Central R.R. of N. J.....	{ At pleasure of the Com- missioner..... }	5.00 each boat.....	{ Action of the Commis- sioner, April 8, 1909.... }	10 00
Intake pipe near Thirty-ninth street Terminal....	Bush Terminal Co.....	{ At pleasure of the Com- missioner..... }	300.00 per ann.....	{ Action of the Commis- sioner, July 26, 1909.... }	.....
Railroad tracks near Thirty-ninth street terminal.	Bush Terminal Co.....	{ At pleasure of the Com- missioner..... }	928.88 per ann.....	{ Action of the Commis- sioner, April 21, 1909.... }	.....
Phonograph at Manhattan Terminal.....	R. P. Winne.....	{ At pleasure of the Com- missioner..... }	75.00 per ann.....	{ Action of the Commis- sioner, Jan. 13, 1908.... }	4 67

LEASES OF FERRY FRANCHISES AND WHARF PROPERTY USED FOR FERRY PURPOSES.

LOCATION	LESSEES.	TERM OF LEASE.	RENT.	RIGHT OF TENANCY.	RECEIVED.
NORTH RIVER.					
Liberty street, New York to Communipaw, N. J. {	Central Railroad Com- pany of New Jersey... {	Dec. 21, 1897, to Dec. 21, 1902.....	\$10,000.00 per ann.....	Public sale, Dec. 21, 1897....	\$10,000 00
Cortlandt street to Jersey City.....	Associates of the Jersey Company.....	May 1, 1898, to May 1, 1908.....	11,000.00 per ann.....	Public sale, June 27, 1898..	11,000 00
Barclay street to Hoboken.....	Hoboken Ferry Company {	March 1, 1905, to March 1, 1915.....	20,104.25 per ann.....	{ Action of the Commis- sioner, Dec. 6, 1905. Approved by Sinking Fund, May 16, 1906.... }	20,104 24
Chambers street to Jersey City.....	Erie Railroad Company.. {	May 1, 1903, to May 1, 1913..... May 1, 1913, to May 1, 1923.....	5% of gross receipts—not less than \$8,500 per ann. Rental for second term to be fixed by arbitration..	{ Action of the Commis- sioner, May 8, 15 and Oct. 17, 1902. Ap- proved by Sinking Fund, March 4, 1903.... }	9,844 82



LOCATION.	LESSEES.	TERM OF LEASE.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>NORTH RIVER.</b>					
From a point between Desbrosses and Watts streets to Weehawken, N. J.	New York Central & Hudson River Railroad Company.	Sept. 9, 1906, to Sept. 9, 1908.	\$3,500.00 per ann.	{ Action of the Commissioner, Oct. 30, 1906, and July 30, 1908. Approved by Sinking Fund, Nov. 14, 1906. }	\$3,500 00
Desbrosses street to Jersey City	Associates of the Jersey Company.	May 1, 1898, to May 1, 1908.	7,200.00 per ann.	Public sale, June 27, 1898.	7,200 00
Christopher street to Hoboken	Hoboken Ferry Company	March 1, 1905, to March, 1915.	22,500.00 per ann.	{ Action of the Commissioner, Dec. 6, 1905. Approved by Sinking Fund, May 16, 1906. }	22,500 00
Ferry from West Twenty-second street to Communipaw, N. J., 86.10 feet of bulkhead and land under water in front of same.	Central Railroad Company of New Jersey	June 25, 1905, to June 25, 1915. June 25, 1915, to June 25, 1925.	1st term, wharf property, \$12,856.25; franchise, \$1. 2d term, wharf property, \$14,209; franchise, \$1.	{ Action of the Commissioner, Nov. 6 and Dec. 10, 1903. Approved by Sinking Fund, Dec. 1 and 23, 1903. }	12,857 24
Ferry between West Twenty-second and Twenty-third streets to Hoboken, N. J., about 225 feet of bulkhead and land under water in front of same.	Hoboken Ferry Company	Sept. 20, 1905, to Sept. 20, 1915. Sept. 20, 1915, to Sept. 20, 1925.	1st term, wharf property, \$32,149; franchise, \$1. 2d term, wharf property, \$37,099; franchise, \$1.	{ Action of the Commissioner, June 29, 1903. Approved by Sinking Fund, July 16, 1903. }	32,150 00
Ferry from West Twenty-third street to Jersey City, about 180.82 feet of bulkhead and land under water in front of same.	Erie Railroad Company.	Jan. 1, 1906, to Jan. 1, 1916. Jan. 1, 1916, to Jan. 1, 1926.	1st term, wharf property, \$25,999; franchise, \$1. 2d term, wharf property, \$29,999; franchise, \$1.	{ Action of the Commissioner, Sept. 9, 1903. Approved by Sinking Fund, Dec. 30, 1903. }	26,000 00
Between West Twenty-third and Twenty-fourth streets to Jersey City	Pennsylvania Railroad Company.	Jan. 1, 1906, to Jan. 1, 1911. Jan. 1, 1911, to Jan. 1, 1916. Jan. 1, 1916, to Jan. 1, 1921.	\$37,500,000 per ann. 28,875.00 per ann. 30,318.75 per ann.	{ Action of the Commissioner, Jan. 4, 1906. Approved by Sinking Fund, Feb. 7, 1906. }	27,500 00
West Forty-second street to Weehawken, N. J.	New York Central & Hudson River Railroad Company.	Jan. 1, 1909, to May 1, 1912.	5% gross receipts—not less than \$18,100.00 per ann. Rent to be fixed by arbitration.	{ Action of the Commissioner, June 5, 1902. Approved by Sinking Fund, Nov. 5, 1902. }	18,654.17

West One Hundred and Thirtieth street to Edgewater, N. J.	Riverside and Fort Lee Ferry Company.	July 1, 1902, to July 1, 1927.	5% of gross receipts—not less than \$5,500 per ann.	{ Action of the Commissioner, May 16, 1902. Approved by Sinking Fund, June 25, 1902. }	11,419 83
<b>EAST RIVER.</b>					
Whitehall street to Hamilton avenue, Brooklyn.	Union Ferry Company.	Nov. 1, 1904, to May 1, 1906.	2% of gross receipts.	{ Resolution of Sinking Fund, May 10, 1905. }	17,402 53 from all ferries leased by Union Ferry Co.
Whitehall street to Atlantic avenue, Brooklyn.	Union Ferry Company.	Nov. 1, 1904, to May 1, 1905.	2% of gross receipts.	{ Resolution of Sinking Fund, May 10, 1905. }	.....
Wall street to Montague street, Brooklyn.	Union Ferry Company.	Jan. 1, 1904, to May 1, 1906.	2% of gross receipts.	{ Resolution of Sinking Fund, May 10, 1905. }	.....
Pier 8 to Long Island City.	Long Island Railroad Company.	Jan. 1, 1903, to Jan. 1, 1905.	5% gross receipts—not less than \$1,000 per ann.	{ Action of the Commissioner, April 8, 1903. Approved by Sinking Fund, July 2, 1903. }	171 68
Fulton street to Fulton street, Brooklyn.	Union Ferry Company.	Nov. 1, 1904, to Nov. 1, 1905.	2% of gross receipts.	{ Resolution of Sinking Fund, May 10, 1905. }	.....
Roosevelt street to Broadway and South Eighth street, Brooklyn.	Brooklyn Ferry Company of New York, assignee.	May 1, 1898, to May 1, 1908.	20,000.00 per ann.	Public sale, June 27, 1898.	18,809 39
Catharine street to Washington street, Brooklyn.	Union Ferry Company.	Nov. 1, 1904, to May 1, 1906.	2% of gross receipts.	{ Resolution of Sinking Fund, May 10, 1905. }	.....
Grand street to Grand street, Brooklyn.	Brooklyn Ferry Company of New York, assignee.	May 1, 1898, to May 1, 1908.	5,000.00 per ann.	Public sale, June 27, 1898.	4,702 36
Grand 1 street to Broadway, Brooklyn.	Brooklyn Ferry Company of New York, assignee.	Holding over	15,000.00 per ann.	Public sale, April 5, 1889.	.....
East Houston street to Grand street, Brooklyn.	Nassau Ferry Company.	May 1, 1898, to May 1, 1908.	9,500.00 per ann.	{ Public sale, June 27, 1898. Agreement May 8, 1908. }	.....

LOCATION.	LESSEES.	TERM OF LEASE.	RENT.	RIGHT OF TENANCY.	RECEIVED.
<b>EAST RIVER.</b>					
Ferries from East Tenth and Twenty-third streets, to Greenpoint avenue, Brooklyn.	Interborough Ferry Company.	May 1, 1909, to May 1, 1934.	2% of gross receipts—but not less than \$7,500.00 per ann.	{ Action of the Commissioner, June 8 and 26, 1909. Approved by the Sinking Fund, June 9 and July 2, 1909. }	\$5,437 17
East Twenty-third street to Broadway, Brooklyn	Brooklyn Ferry Company of New York, assignee.	May 1, 1894, to May 1, 1904	8,500.00 per ann.	{ Public sale, May 21, 1894. Resolutions, April 28, 1899, and May 10, 1901 }	15,081 75
East Thirty-fourth street, Manhattan, to Long Island City.	Long Island Railroad Company.	May 1, 1909, to May 1, 1910	2% of gross receipts.	{ Action of the Commissioner, June 3, 1909. Approved by Sinking Fund, June 9, 1909. }	6,955 00
East Forty-second street to Broadway, Brooklyn	Brooklyn Ferry Company of New York.	Dec. 1, 1901, to Dec. 1, 1911.	10,000.00 per ann.	Public sale, April 9, 1903.	14,039 74
East Ninety-second street to Astoria.	New York & East River Ferry Company.	May 1, 1904, to May 1, 1914.	5% of gross receipts—not less than \$4,500; wharf property, \$700.	{ Public sale, July 18, 1904 }	4,000 00
East Ninety-ninth street and north of One Hundred and Thirty-fourth street to North Beach and College Point.	New York and College Point Ferry Company.	Sept. 1, 1903, to Sept. 1, 1913. Sept. 1, 1913, to Sept. 1, 1923.	3 1/2% gross receipts—not less than \$4,000. Appraisal.	{ Action of the Commissioner, May 20, 1903. Approved by Sinking Fund, Aug. 10, 1903, and public sale, May 3, 1904. }	1,500 00
<b>BROOKLYN.</b>					
Brooklyn (foot of Fulton street) to Jersey City.	Pennsylvania Railroad Company.	Holding over.	1,500.00 per ann.	Lease, dated Nov. 19, 1877.	171 95
From Canarsie Landing, Canarsie, to Barren Island and Rockaway Point.	Arthur McAvoy.	Feb. 1, 1906, to Feb. 1, 1911.	5% gross receipts—not less than \$100 per ann.	{ Action of the Commissioner, Jan. 12, 1906. Approved by Sinking Fund, Jan. 25, 1906. }	

From Canarsie Landing, Canarsie, to Avenue "X", Bergen Beach.	Wm. J. Warner.	Feb. 1, 1906, to Feb. 1, 1911.	5% gross receipts—not less than \$100 per ann.	{ Action of the Commissioner, Jan. 12, 1906. Approved by Sinking Fund, Jan. 25, 1906. }	\$100 00
From Ocean avenue, Sheepshead Bay, to Plum Beach, Barren Island, and Rockaway Beach, and land under water foot Ocean avenue.	P. Howard Reid.	April 1, 1906, to April 1, 1911.	5% gross receipts—not less than \$100 per ann. Land under water \$75 per ann.	{ Action of the Commissioner, Feb. 21, 1906, and April 27, 1908. Approved by Sinking Fund, April 4, 1906. }	232 18
Ferry from a point between Ocean avenue and Twenty-first street, Sheepshead Bay, to various points in Jamaica Bay.	Wilbur F. Steele.	June 1, 1909, to June 1, 1914	100.00 per ann.	{ Action of the Commissioner, May 25, 1909. Approved by Sinking Fund, June 9, 1909. }	100 00
<b>RICHMOND.</b>					
Port Richmond, Staten Island, to Bergen Point, New Jersey.	Port Richmond & Bergen Point Ferry Company.	Aug. 1, 1897, to Aug. 1, 1909.	300.00 per ann.	Lease, dated Dec. 22, 1897.	300 00
Holland's Hook, Staten Island, to Elizabethport, New Jersey.	New Jersey and Staten Island Ferry Company.	May 1, 1904, to May 1, 1909	300.00 per ann.	Public sale, July 18, 1904.	75 00
Holland's Hook, Staten Island, to Elizabethport, New Jersey.	New Jersey and Staten Island Ferry Company.	May 1, 1909, to May 1, 1914	300.00 per ann.	{ Action of the Commissioner, May 19, 1909. Approved by Sinking Fund, June 9, 1909. }	675 00

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION	NAME OF PERMITTEE
<i>North River</i>	
Battery Landing.....	Anning J. Smith.....
" .....	George W. Beebe.....
" .....	Capt. Al Foster.....
" .....	M. Blasius.....
" .....	Capt. John P. Roberts.....
" .....	" .....
" .....	Ralph J. Griffith.....
" .....	Hinchliffe Steamboat Co.....
" .....	J. H. Gallaher.....
" .....	Chas. T. Bauer.....
" .....	New York Excursion Co.....
" .....	McAllister Steamboat Co.....
" .....	U. S. Volunteer Life Saving Corps.....
" .....	Frank McGahan.....
" .....	Patrick Fitzgerald.....
Approach to Pier 10.....	Thomas James.....
New made land foot Liberty street.....	Wm. Corcoran.....
" foot Cortlandt street.....	Mrs. Rose Connell.....
" foot Barelay street.....	Jeremiah Lyons.....
" foot Chambers street.....	Mary Ann Healey.....
" foot Desbrosses street.....	M. J. McNamara.....
" between Piers 31 and 32.....	Metropolitan Street Railway Co.....
Pier 33, Canal street.....	N. J. & N. Y. Steamboat Co.....
" .....	Requa & Duell.....
" .....	Morton's Peekskill & N. Y. Day Line.....
Bulkhead south of Pier 42.....	Blake Contracting Co.....
" between Piers 42 and 43.....	Nicholas J. Carey.....
Marginal street foot Christopher street.....	L. D. Davis.....
" .....	Michael J. McGuigan.....
Upland between Piers 46 and 48.....	Bernard Campbell & Co.....
" .....	R. & C. Henry.....
" .....	J. L. Keating & Co.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Landing steamers "Rosedale" and "John Sylvester".....	\$10.00 and \$5.00 per day.	April 5, 1909	Sept. 13, 1909
Landing steamer "Mt. Desert".....	4.00 per day, May 1 to Nov. 1..... 3.00 per day, Nov. 1 to May 1.....	May 1, 1909	Dec. 23, 1909
" steamer "Angler".....	4.00 per day, May 1 to Nov. 1..... 3.00 per day, Nov. 1 to May 1.....	May 1, 1909	.....
" boat "Arion".....	Regular wharfage.....	May 4, 1909	.....
" boat "Observation".....	3.00 per day.....	May 13, 1909	Nov. 7, 1909
" boat "Halcyon".....	3.00 ".....	Mar. 15, 1909	.....
" steamer "General Lee".....	5.00 ".....	May 17, 1909	.....
" steamer "Wm. Storie".....	5.00 ".....	June 15, 1909	Sept. 6, 1909
" steamer "City of Worcester".....	10.00 ".....	June 29, 1909	.....
" steamer "Accomack".....	4.00 ".....	July 6, 1909	Sept. 6, 1909
" boat "Zephyr".....	3.00 ".....	July 8, 1909	.....
" steamer "Sam Sloan".....	5.00 ".....	Aug. 23, 1909	.....
Maintain rowboat.....	1.00 per annum.....	May 1, 1909	.....
Refreshment stand.....	5.00 per month.....	May 1, 1908	.....
Fruit stand.....	2.00 ".....	May 20, 1908	.....
News stand.....	2.00 ".....	June 4, 1909	Sept. 1, 1909
" .....	2.00 ".....	April 29, 1904	.....
" .....	2.00 ".....	April 29, 1904	.....
" .....	2.00 ".....	April 29, 1904	.....
" .....	2.00 ".....	April 29, 1904	.....
" .....	2.00 ".....	April 29, 1904	.....
Awning shed.....	110.04 per annum.....	May 12, 1909	Sept. 24, 1909
Berth for steamer "Wyckoff".....	5.00 per day.....	May 13, 1909	May 25, 1909
" "A. Brearly".....	5.00 ".....	Mar. 12, 1909	Dec. 29, 1909
" "Fannie Woodall" and "Peekskill".....	5.00 ".....	Mar. 9, 1909	Dec. 30, 1909
Watchman's shanty.....	2.20 per month.....	Jan. 7, 1909	April 1, 1909
Float.....	6.00 ".....	May 1, 1909	Oct. 1, 1909
Express office.....	15.00 ".....	April 29, 1904	Dec. 31, 1909
News stand.....	2.00 ".....	April 29, 1904	.....
Space for storage, 30 x 100.....	37.50 ".....	Nov. 30, 1908	.....
" .....	37.50 ".....	Dec. 1, 1908	.....
" .....	37.50 ".....	Dec. 1, 1908	.....



## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITEE.
Marginal street between West Twenty-third and West Twenty-fourth streets	Wm. McArdle
Marginal street between West Twenty-fourth and West Twenty-fifth streets	N. Y. Taxicab Co.
Marginal street foot West Twenty-fifth street	P. Parker
Marginal street foot West Thirtieth street	Owen McKane
Upland between West Thirty-third and West Thirty-fourth streets	Bernard Campbell & Co.
Upland between West Thirty-third and West Thirty-fourth streets	F. H. Chapman
Bulkhead foot West Thirty-fourth street	Eugene R. Duffy
Approach to Pier at West Thirty-fifth street	Mrs. Mary Allen
" West Forty-second street	Robert J. Madine
Pier at West Forty-fifth street	James Wade
" West Forty-eighth street	Wm. Donnelly
" "	Southern Pacific Co.
Upland between West Forty-ninth and West Fiftieth streets	Hinkle Iron Works
Pier at West Fiftieth street	Mrs. S. J. Murphy
"	Hudson Navigation Co.
"	Hudson River Day Line
"	E. E. Olcott
"	"
Upland between West Fiftieth and West Fifty-first streets	J. L. Keating & Co.
"	"
"	F. H. Chapman
"	Bernard Campbell & Co.
"	A. J. H. Brooks Co.
Upland foot West Fifty-first street	Simon O'Kane
Upland between West Fifty-first and West Fifty-second streets	Wm. Brooks Son
Upland between West Fifty-first and West Fifty-second streets	A. J. H. Brooks Co.
Upland between West Fifty-first and West Fifty-second streets	A. J. H. Brooks Co.
Upland between West Fifty-second and West Fifty-fourth streets	Jos. Tino & Co.
Upland between West Fifty-second and West Fifty-fourth streets	"
Upland between West Fifty-second and West Fifty-fourth streets	C. J. Gallagher
Upland between West Fifty-second and West Fifty-fourth streets	James Stewart
Upland between West Fifty-second and West Fifty-fourth streets	M. Kane & Son

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
News stand	\$2.00 per month	Sept. 23, 1907	
Space for taxicabs	12.50 "	Dec. 8, 1909	
Office, 6 x 6 x 8	2.20 "	April 29, 1904	
Watchman's shanty	2.20 "	Nov. 16, 1904	
Space for storage, 30 x 100	37.50 "	Dec. 31, 1908	
"	37.50 "	Nov. 30, 1908	
Float	5.00 "	June 14, 1906	
Candy stand	2.00 "	May 20, 1909	Oct. 1, 1909
News stand	2.00 "	July 8, 1907	
Watchman's shanty	2.20 "	May 18, 1908	
"	2.20 "	May 17, 1908	
Berth for "Creole"	10.00 per day	April 7, 1909	July 10, 1909
Space for storage, 30 x 100	37.50 per month	Aug. 16, 1909	
Float	2.50 per month	April 29, 1904	
Berth for steamer "C. W. Morse"	15.00 per day	Jan. 10, 1909	Feb. 8, 1909
" "Albany"	Regular wharfage	June 2, 1909	June 30, 1909
"	"	Sept. 3, 1909	Oct. 1, 1909
" "Fulton"	"	Sept. 3, 1909	
Space for storage, 30 x 100	37.50 per month	Nov. 30, 1908	May 1, 1909
"	37.50 "	Aug. 20, 1908	
"	37.50 "	July 19, 1909	
"	37.50 "	Aug. 18, 1909	
"	37.50 "	Dec. 8, 1909	
Candy stand	1.00 "	June 10, 1909	Oct. 1, 1909
Space for storage, 30 x 100	37.50 "	June 30, 1908	
"	37.50 "	Aug. 20, 1908	
"	37.50 "	Nov. 30, 1908	
"	37.50 "	Nov. 27, 1908	May 1, 1909
"	37.50 "	June 11, 1908	
"	37.50 "	Dec. 1, 1908	
"	37.50 "	Jan. 5, 1909	
"	37.50 "	Sept. 9, 1908	

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE.
Upland between West Fifty-second and West Fifty-fourth streets.....	Rafferty Bros.....
Upland between West Fifty-second and West Fifty-fourth streets.....	James McLaughlin.....
Upland between West Fifty-second and West Fifty-fourth streets.....	Clarence L. Smith Co.....
Upland between West Fifty-second and West Fifty-fourth streets.....	Crescent Sand & Gravel Co.....
Upland between West Fifty-second and West Fifty-fourth streets.....	".....
Upland between West Fifty-second and West Fifty-fourth streets.....	Manhattan Sand Co.....
Upland between West Fifty-second and West Fifty-fourth streets.....	E. & J. Marrin.....
Upland between West Seventy-seventh and West Seventy-ninth streets.....	John A. Philbrick & Bro.....
Bulkhead south of West Seventy-ninth Street.....	C. Cummings.....
Upland between West Eightieth and West Eighty-first streets.....	Degnon Contracting Co.....
Upland between West Eightieth and West Eighty-first streets.....	James McLaughlin.....
Pier at West One Hundred and Twenty-ninth street.....	J. E. Reilly.....
Foot of West One Hundred and Twenty-ninth street.....	Miss R. Isaacs.....
Bulkhead between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets.....	Frank Muller.....
Upland between West One Hundred and Twenty-ninth and West One Hundred and Thirtieth streets.....	Thos. F. McLaughlin.....
Foot of West One Hundred and Thirtieth street.....	Bofelis & Pipiles.....
Pier at West One Hundred and Thirty-first street.....	New York Excursion Co.....
".....	Montauk Steamboat Co.....
".....	McAllister Steamboat Co.....
North of West One Hundred and Thirty-first street.....	New York Central & Hudson River Railroad Co.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	Fred Getler.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	Lanigan Bros.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	James McLaughlin Co.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	Clarence L. Smith Co.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	John Lever.....
Upland between West One Hundred and Thirty-first and West One Hundred and Thirty-second streets.....	Richard A. Scanlan.....
Foot of West One Hundred and Thirty-second street.....	James Donnelly.....
Upland between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	Jos. Tino & Co.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Space for storage, 30 x 100.....	\$37.50 per month.....	June 11, 1908.....	.....
".....	37.50 ".....	July 2, 1908.....	July 21, 1909
".....	37.50 ".....	June 1, 1909.....	Aug. 10, 1909
".....	37.50 ".....	July 1, 1909.....	.....
".....	37.50 ".....	Dec. 8, 1909.....	.....
".....	37.50 ".....	Aug. 12, 1909.....	Oct. 1, 1909
".....	37.50 ".....	Dec. 9, 1909.....	.....
Space for storage, 60 x 100.....	75.00 ".....	Oct. 29, 1909.....	.....
Watchman's shanty.....	2.20 ".....	May 19, 1905.....	.....
Space for storage, 30 x 100.....	37.50 ".....	Feb. 18, 1909.....	May 1, 1909
".....	37.50 ".....	May 28, 1908.....	.....
Float stage.....	5.00 ".....	June 28, 1907.....	.....
Milk and Moxie stand.....	2.00 ".....	June 4, 1909.....	Nov. 1, 1909
Newsstand.....	2.00 ".....	June 19, 1908.....	.....
Space for storage, 30 x 100.....	37.50 ".....	Mar. 1, 1909.....	Nov. 1, 1909
Fruit stand.....	25.00 ".....	May 1, 1906.....	.....
Landing steamer "City of Worcester".....	5.00 per day.....	July 6, 1909.....	.....
".....	10.00 ".....	July 13, 1909.....	Oct. 1, 1909
Landing steamer "Sam Sloan".....	5.00 ".....	Aug. 23, 1909.....	.....
Pipe through bulkhead.....	1.00 per month.....	April 29, 1904.....	.....
Space for storage, 30 x 100.....	37.50 ".....	Nov. 30, 1908.....	.....
".....	37.50 ".....	Nov. 30, 1908.....	Oct. 1, 1909
".....	37.50 ".....	Nov. 30, 1908.....	.....
".....	37.50 ".....	July 13, 1909.....	Nov. 1, 1909
".....	37.50 ".....	Sept. 9, 1909.....	.....
".....	37.50 ".....	Dec. 9, 1909.....	.....
Watchman's shanty.....	2.20 ".....	Jan. 13, 1908.....	.....
Space for storage, 30 x 100.....	37.50 ".....	Nov. 30, 1908.....	.....

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE.
Upland between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	Washington Heights Sand Co.....
Upland between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	John A. Philbrick & Bro.....
Upland between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	".....
Upland between West One Hundred and Thirty-second and West One Hundred and Thirty-third streets.....	John Lever.....
Foot of West One Hundred and Thirty-eighth street.....	Walter Bunyea.....
".....	J. Schlenker.....
".....	James J. Connors.....
Foot of West One Hundred and Fortieth street.....	Frederick R. Welch.....
Foot of West One Hundred and Forty-first street.....	Colonial Yacht Club.....
Between West One Hundred and Forty-sixth and West One Hundred and Forty-seventh streets.....	New York Motor Boat Club.....
Foot of West One Hundred and Forty-seventh street.....	New York Motor Boat Club.....
Foot of West One Hundred and Forty-eighth street.....	Mrs. Mary Claffey.....
Foot of West One Hundred and Forty-ninth street.....	Frederick Geggus.....
Foot of West One Hundred and Fifty-first street.....	Alexander Simpson.....
Foot of West One Hundred and Fifty-third street.....	Cobweb Yacht Club.....
Foot of West One Hundred and Fifty-fifth street.....	Joseph McCormick.....
Between West One Hundred and Fifty-sixth and West One Hundred and Fifty-seventh streets.....	Alexander Flynn.....
Pier at West One Hundred and Fifty-eighth street.....	O'Brien Bros.....
" West One Hundred and Fifty-eighth street.....	Jos. G. Whiston.....
North of West One Hundred and Fifty-eighth street.....	Henry Lente.....
Foot of West One Hundred and Sixty-fifth street.....	Audubon Yacht Club.....
" West One Hundred and Sixty-fifth street.....	John Dalton.....
" West One Hundred and Sixty-sixth street.....	Grace Club.....
" West One Hundred and Sixty-sixth street.....	Frank E. Stever.....
" West One Hundred and Sixty-seventh street.....	Knickerbocker Canoe Club.....
" West One Hundred and Sixty-seventh street.....	Waverly Boat Club.....
" West One Hundred and Sixty-eighth street.....	John Wagner.....
" West One Hundred and Ninety-fifth street.....	Peter Pan Fishing Club.....
Sherman's Creek.....	Fred. Nobis.....
".....	Hiawatha Canoe Club.....
".....	Jacob Kohlmann.....
".....	Nonpareil Rowing Club.....
".....	Union Boat Club.....
".....	Wm. Corlett.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Space for storage 30 x 100.....	\$37.50 per month.....	Dec. 1, 1908.....	
".....	37.50 ".....	Jan. 5, 1909.....	May 31, 1909
".....	37.50 ".....	Sept. 9, 1909.....	
".....	37.50 ".....	Jan. 28, 1909.....	May 1, 1909
Boathouse float and runway.....	5.00 ".....	April 27, 1909.....	
Boathouse and float.....	5.00 ".....	May 1, 1907.....	
Float.....	5.00 ".....	June 14, 1909.....	Nov. 1, 1909
Building for motorboat supplies.....	5.00 ".....	Mch. 1, 1909.....	
Use and occupancy.....	5.00 ".....	April 14, 1909.....	
Space 100 x 100.....	10.00 ".....	Dec. 10, 1909.....	
Boathouse float and railway.....	5.00 ".....	Mch. 25, 1909.....	
Bath houses.....	5.00 ".....	Mch. 22, 1901.....	
Boat house and float.....	5.00 ".....	July 1, 1898.....	
Boat house.....	5.50 ".....	April 29, 1904.....	
".....	5.00 ".....	May 1, 1909.....	
Refreshment stand.....	2.00 ".....	July 2, 1909.....	Nov. 1, 1909
Watchman's shanty.....	2.20 ".....	Oct. 11, 1909.....	
Berth for stone scow.....	5.00 per day.....	May 5, 1909.....	Nov. 27, 1909
Watchman's shanty.....	2.20 per month.....	Aug. 16, 1909.....	Oct. 1, 1909
Boat house, float and runway.....	5.00 ".....	April 21, 1909.....	
Boat house.....	5.00 ".....	June 11, 1907.....	
".....	5.00 ".....	April 29, 1904.....	
".....	5.00 ".....	May 1, 1908.....	
".....	100.00 per annum.....	Nov. 29, 1907.....	
" float, etc.....	5.00 per month.....	June 11, 1907.....	
".....	5.00 ".....	April 28, 1908.....	
" float and runway.....	100.00 per annum.....	May 19, 1899.....	
Club house.....	5.00 per month.....	Dec. 10, 1909.....	
Two boat houses.....	10.00 ".....	May 1, 1909.....	
Boat house, float and runway.....	5.00 ".....	May 1, 1909.....	
".....	75.00 per annum.....	May 1, 1908.....	
" float and runway.....	5.00 per month.....	June 11, 1907.....	
" float and runway.....	5.00 ".....	June 11, 1907.....	
Milk stand.....	2.50 ".....	June 1, 1909.....	Oct. 1, 1909

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE.
Sherman's Creek.....	Mrs. A. Wolff.....
".....	S. E. Kellar Lumber Co.....
<i>East River.</i>	
Bulkhead at Broad street.....	M. P. Smith Son's Co.....
" between Piers 4 and 5.....	Mrs. Julia Marshall.....
Upland between Piers 4 and 5.....	Clarence L. Smith Co.....
" between Piers 5 and 6.....	F. H. Chapman.....
" between Piers 7 and 8.....	Manhattan Sand Co.....
" between Piers 7 and 8.....	".....
Bulkhead between Piers 10 and 11.....	Thos. Mulry & Son.....
" between Piers 10 and 11.....	F. H. Chapman.....
Pier 11.....	Standard Oil Co.....
Bulkhead between Piers 11 and 12.....	F. H. Chapman.....
Pier 30.....	Stamford & N. Y. Steamboat Co.....
".....	Portchester Trans. Co.....
".....	Huntington, Norwalk & Bridgeport Steam Ferry Co., Ltd.....
".....	North & East River Trans. Co.....
".....	Greenwich Freight Line.....
".....	Harlem & Morrisania Trans. Line.....
".....	N. Y. & Rockaway Beach Trans. Co.....
Platform west of Pier 32.....	Terry & Tench Co.....
Upland between Piers 33 and 34.....	Michael Larkin & Son.....
" foot Clinton street.....	Degnon Contracting Co.....
Approach to Pier 53.....	Joseph Ridley.....
Pier at Jackson street.....	Peekskill Ice Co.....
Pier 54.....	Northport Steamboat Co.....
".....	Chas. W. Davis.....
Upland north of Pier 61.....	Terence Connolly.....
" foot Rivington street.....	John A. McCarthy.....
Upland foot of Stanton street.....	Henry Steers, Inc.....
Pier at East Third street.....	Sanitarium for Hebrew children.....
Bulkhead at East Fourth street.....	Frederick Carmack.....
Pier at East Fifth street.....	James Monahan.....
Bulkhead between East Eighteenth and East Nineteenth streets.....	Carroll Box and Lumber Co.....
Upland between East Nineteenth and East Twentieth sts.	E. & J. Marrin.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Boat house.....	\$1.00 per month.....	Oct. 5, 1909.....	.....
Berth, 100 feet long.....	50.00 ".....	Dec. 23, 1909.....	.....
Berth for steamer "Littlewood".....	5.00 per month.....	Dec. 10, 1909.....	.....
Coffee stand.....	1.00 per annum.....	Sept. 21, 1908.....	.....
Space for storage, 30 x 100.....	37.50 per month.....	July 2, 1909.....	Sept. 30, 1909
".....	37.50 ".....	Dec. 1, 1908.....	.....
".....	37.50 ".....	Feb. 4, 1909.....	July 31, 1909
".....	37.50 ".....	Nov. 13, 1909.....	.....
Berth for dirt scow.....	5.00 per day.....	May 11, 1909.....	July 6, 1909
".....	5.00 ".....	Aug. 16, 1909.....	.....
Tally house.....	5.00 per month.....	Dec. 11, 1908.....	.....
Berth for dirt scow.....	5.00 per day.....	May 13, 1909.....	July 26, 1909
Landing for steamer "Islander".....	5.00 ".....	July 15, 1907.....	.....
" "Glenville" and "Portchester".....	10.00 " each in- } 5.00 " side berth }	July 15, 1907.....	.....
" "Huntington".....	10.00 ".....	July 15, 1907.....	.....
" "Shadyside" and "City of Stanford".....	10.00 ".....	July 15, 1907.....	.....
Landing for steamer "General Putnam".....	5.00 ".....	July 15, 1907.....	.....
" "Mt. Morris".....	10.00 ".....	July 15, 1907.....	.....
" "Cimbria".....	2.00 ".....	May 20, 1909.....	June 26, 1909
Use and occupy portion.....	5.00 ".....	May 1, 1907.....	.....
Space for storage, 30 x 100.....	37.50 per month.....	Sept. 16, 1909.....	Dec. 31, 1909
House, 6 x 6.....	1.00 ".....	Jan. 31, 1908.....	Dec. 31, 1909
Watchman's shanty.....	2.20 ".....	July 24, 1904.....	.....
Ice bridge, tally and scales.....	5.00 per day.....	Aug. 18, 1909.....	Oct. 11, 1909
Landing for steamer "Northport".....	5.00 ".....	July 15, 1907.....	.....
" "Mary E. Gordon".....	5.00 ".....	May 1, 1905.....	.....
Space for storage.....	75.00 per month.....	June 29, 1908.....	.....
Tally house.....	2.20 ".....	June 21, 1909.....	July 14, 1909
Tool house.....	2.20 ".....	July 15, 1909.....	.....
Landing for excursions.....	5.00 per season.....	Mar. 15, 1909.....	.....
Ice bridge scale, etc.....	5.00 per day.....	Aug. 4, 1909.....	Aug. 23, 1909
Floating Bath.....	5.00 ".....	May 14, 1909.....	Aug. 30, 1909
5.06 feet outside fence line.....	10.00 per month.....	April 29, 1904.....	.....
Space for storage, 30 x 100.....	37.50 ".....	Nov. 30, 1908.....	.....



## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE.
Upland between East Nineteenth and East Twentieth sts.	E. & J. Marrin.....
"	Michael & Larkin Son.....
Upland between East Nineteenth and Twenty-third streets	J. L. Keating & Co.....
"	".....
Bulkhead along north side of East Twenty-third street...	Michael Halloran.....
"	Mrs. J. Goldberg.....
"	Morris Mandelstein.....
"	John Arbuckle.....
"	New York Yacht Club.....
Pier at East Twenty-fourth street.....	J. H. Gallaher.....
"	N. Y. Excursion Co.....
"	Montauk Steamboat Co.....
"	Peary Arctic Club.....
Upland foot East Twenty-fifth street.....	Candu Smith & Howland Co.....
Pier at East Twenty-eighth street.....	Curtis Blaisdell Co.....
Pier at East Thirtieth street.....	Degnon Contracting Co.....
Bulkhead at East Forty-fifth street.....	Schwarzschild & Sulzberger Co.....
Foot of East Fifty-first street.....	U. S. Volunteer Life Saving Corps.....
South of East Fifty-fifth street.....	Allen Point Boat Club.....
Foot of East Fifty-eighth street.....	U. S. Volunteer Life Saving Corps.....
Upland between East Sixtieth and East Sixty-first streets..	J. L. Keating & Co.....
"	Cornelius Gallagher.....
Bulkhead between East Sixty-fourth and Sixty-fifth streets.	U. S. Volunteer Life Saving Corps.....
" East Seventy-fifth and Seventy-sixth sts..	Farmers Feed Co.....
Foot of East Eighty-sixth street.....	U. S. Volunteer Life Saving Corps.....
"	".....
Pier at East Ninety-first street.....	Geo. Klausecker.....
Upland foot of East Ninety-sixth street.....	John P. Kane Co.....
Pier at East Ninety-sixth street.....	Bethlehem Orphan Asylum.....
Upland between East Ninety-sixth and East Ninety-seventh streets.....	East River Mill & Lumber Co.....
<i>Harlem River.</i>	
Foot of East One Hundredth street.....	U. S. Volunteer Life Saving Corps.....
Upland foot of East One Hundred and Fourth street.....	James B. Brady.....
Upland between East One Hundred and Eighth and One Hundred and Ninth streets.....	Murtha & Schmohl Co.....
Foot of East One Hundred and Twenty-first street.....	Francis R. Kraemer.....
Foot of East One Hundred and Twenty-second street.....	Timothy J. Murphy.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Space for storage, 30 x 100.....	\$37.50 per month.....	Dec. 9, 1908	
"	37.50 "	Dec. 11, 1908	
"	37.50 "	June 10, 1909	
"	37.50 "	June 10, 1909	
News stand.....	2.00 "	April 29, 1904	
"	2.00 "	April 29, 1904	
"	2.00 "	May 1, 1906	
Berth for floating hotel.....	5.00 "	Nov. 19, 1908	
Two floats.....	25.00 "	May 5, 1909	Nov. 8, 1909
Landing for steamer "City of Worcester"....	10.00 per day.....	June 29, 1909	
" "Zephyr".....	3.00 "	July 8, 1909	Sept. 30, 1909
"	10.00 "	July 13, 1909	Aug. 1, 1909
Berth for steamer "Roosevelt".....	5.00 per month.....	Sept. 22, 1909	
Space for storage, 30 x 100.....	37.50 "	June 10, 1908	
Tally house.....	2.50 "	May 5, 1909	
Dumping board.....	5.00 per day.....	May 10, 1909	
Buildings on bulkhead.....	10.00 per month.....	May 27, 1898	
Station.....	1.00 per annum.....	June 30, 1908	
Boat house.....	1.00 "	Aug. 8, 1904	
Station.....	1.00 "	May 1, 1907	
Space for storage, 30 x 100.....	37.50 per month.....	Nov. 30, 1908	
"	37.50 "	June 18, 1909	
Station.....	1.00 per annum.....	Nov. 1, 1908	
Berth for grain boat.....	2.00 per day.....	April 3, 1908	
Life ring.....	1.00 per annum.....	May 15, 1905	
Station.....	1.00 "	Oct. 9, 1908	
Berth at inner end.....	5.00 per month.....	Mar. 24, 1908	
Space for storage, 30 x 100.....	37.50 "	Dec. 11, 1908	
Landing steamer "Grand Republic".....	1.00.....	May 5, 1909	
Space for storage, 30 x 100.....	37.50 per month.....	Dec. 10, 1908	
Station.....	1.00 per annum.....	May 16, 1905	
Space for storage, 30 x 100.....	37.50 per month.....	Nov. 30, 1908	
" 60 x 100.....	75.00 "	July 26, 1909	
Boat house and float.....	5.00 "	Dec. 30, 1907	
" runway.....	5.00 "	Dec. 20, 1909	

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE.
Foot of East One Hundred and Twenty-third street.....	East Side Democratic Club.....
" West One Hundred and Fifty-second street.....	Atalanta Boat Club.....
" West One Hundred and Fifty-third street.....	Lone Star Boat Club.....
" West One Hundred and Fifty-fourth street.....	James Moss.....
" West One Hundred and Fifty-fourth street.....	Friendship Boat Club.....
Upland foot of West One Hundred and Fifty-fifth street..	John Lever.....
Foot of West One Hundred and Fifty-seventh street.....	Martin J. & Thomas F. White.....
Foot of West Two Hundred and Fourth street.....	Mrs. Fannie David.....
BRONX.	
Pier at One Hundred and Thirty-fourth street and East River.....	Oscar Johnson.....
Pier at One Hundred and Thirty-eighth street and East River.....	Morrisania Yacht Club.....
Foot of One Hundred and Forty-ninth street and East River.	New York Edison Co.....
Tiffany street.....	George Rae.....
Hunts Point Road.....	Eugene Berlinghoff.....
Hunts Point Road.....	United States Volunteer Life Saving Corps.
Layton to Throggs Neck.....	".....
".....	Frank P. Nowak.....
".....	Wm. C. Conway.....
".....	White Cross Fishing Club.....
".....	P. Johnson.....
".....	Wm. Spooner.....
".....	Klondyke Boat Club.....
Barclay avenue, Throggs Neck.....	United States Volunteer Life Saving Corps ..
Manida street, Barrett Point.....	".....
BROOKLYN.	
Foot Thirty-second street, South Brooklyn.....	A. A. Spence.....
Foot Thirty-fourth street, South Brooklyn.....	John Maloney.....
Between Thirty-fourth and Thirti-fifth streets, South Brooklyn.....	Eysel & Lundin.....
Foot of Thirty-sixth street, South Brooklyn.....	George Boman.....
Foot of Fifty-first street, South Brooklyn.....	C. Overbough.....
Foot of Sixtieth street, South Brooklyn.....	American Model Yacht Club.....
Between Sixtieth and Sixty-first streets, South Brooklyn....	Chas. J. Johnson.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT.	DATE REVOKED.
Boat house.....	\$5.00 per month.....	April 29, 1904.....	
".....	5.00 ".....	April 29, 1904.....	
" and float.....	5.00 ".....	April 29, 1904.....	
".....	5.00 ".....	April 29, 1904.....	
" and float.....	5.00 ".....	June 11, 1907.....	
Space for storage, 30 x 100.....	37.50 ".....	Sept. 9, 1909.....	
Maintain soil boat.....	5.00 ".....	June 11, 1907.....	
Boat house and float.....	5.00 ".....	June 6, 1909.....	
Float and runway.....	15.00 per month, May 1 to Sep. 1..... 5.00 per month, Sep. 1 to May 1.....	June 2, 1909.....	
Landing for small boats.....	5.00 per month, May 1 to Nov. 1..... 1.00 per month, Nov. 1 to May 1.....	May 7, 1907.....	
Sign poles.....	1.00 per month.....	June 9, 1909.....	
House and float.....	1.00 per month, Nov. 1 to May 1..... 5.00 per month, May 1 to Nov. 1.....	April 29, 1904.....	
Boathouse and float.....	5.00 per month.....	June 8, 1908.....	
Station.....	1.00 per annum.....	Feb. 18, 1919.....	
".....	1.00 ".....	June 7, 1907.....	
Boathouse.....	2.00 per month.....	April 23, 1908.....	
Use and occupancy north half.....	1.00 ".....	April 8, 1908.....	
Boathouse.....	2.00 ".....	Mch. 16, 1909.....	
Bath house.....	2.00 ".....	Feb. 19, 1909.....	June 28, 190
".....	2.00 ".....	June 28, 1909.....	
Boat house.....	2.00 ".....	Aug. 16, 1909.....	
Station.....	1.00 per annum.....	July 6, 1909.....	
".....	1.00 ".....	Feb. 18, 1909.....	
Boathouse and runway.....	5.00 per month.....	May 5, 1909.....	
Boathouse.....	5.00 ".....	May 13, 1908.....	
".....	5.00 ".....	June 26, 1908.....	
".....	5.00 ".....	May 4, 1908.....	
Boat house, float and runway.....	5.00 ".....	Nov. 5, 1906.....	
Boathouse.....	5.00 ".....	Oct. 22, 1909.....	
".....	5.00 ".....	June 19, 1909.....	

## PERMITS GRANTED BY THE COMMISSIONER FOR

LOCATION.	NAME OF PERMITTEE
Pier at Bay Ridge avenue, South Brooklyn.....	Phoenix Towing and Transportation Co.....
Foot of Joralemon street.....	Captain H. L. Meeker.....
Pier 4, Wallabout.....	James Farnam.....
".....	American Hay Co.....
Pier 5, Wallabout.....	Chas. Schaefer.....
".....	New York & Rockaway Beach Transportation Co.....
Pier at South Fifth street.....	Bethlehem Orphan Asylum.....
".....	Ralph J. Griffith.....
".....	Athletic Association, Eastern District High School.....
Pier at Metropolitan avenue.....	Mrs. Margaret Fisher.....
Foot of Noble street.....	Wm. Gallagher.....
Foot of Twenty-first street, Sheepshead Bay.....	Jas. W. Corrigall.....
Foot of Twenty-third street, Sheepshead Bay.....	J. Morson.....
Foot of Dooley avenue, Sheepshead Bay.....	Anton Lundy.....
Foot of Poole's Lane, Sheepshead Bay.....	Rutherford S. Moorehead.....
Flatlands Bay.....	T. O'Shea, Jr.....
".....	C. Winchester.....
".....	Walter S. Lloyd.....
".....	William Brown.....
".....	Rudolph Spielman.....
QUEENS.	
Rockaway Beach.....	Luke Eldert.....
".....	Mrs. Kate Bachman.....
".....	Broadway Boat Club.....
Far Rockaway.....	George Harr.....
".....	Andrew T. Sullivan.....
".....	Edwin J. Steiner.....
Ditch Road, Thurston's Creek.....	Chas. T. Kloepper.....
Hook Creek.....	Margaret A. Hill.....
RICHMOND.	
Bulkhead at St. George.....	Athletic Association Eastern District High School.....
Foot of Water street, Stapleton.....	New York Yacht Club.....
Pier at Canal street, Stapleton.....	Hon. Geo. Cromwell.....
".....	Geo. W. Beebe.....
".....	F. H. Weeks.....

## WHICH RENTAL IS COLLECTED BY DOCKMASTERS.

PRIVILEGE.	RENT.	DATE OF PERMIT	DATE REVOKED
Loading top soil.....	\$2.50 per day.....	May 11, 1909.....	
Floating Bethel.....	1.00 per month.....	Aug. 28, 1899.....	
Boat house.....	2.00 ".....	Jan. 4, 1900.....	
Berth for barge "New York".....	2.00 per day.....	Nov. 10, 1904.....	
Berth for barge.....	2.00 ".....	April 29, 1904.....	
Landing for Steamer "Cambria".....	2.00 ".....	May 20, 1909.....	Oct. 15, 1909
Landing for steamer "Grand Republic".....	1.00 ".....	May 5, 1909.....	
Landing for Steamer "General Lee".....	5.00 ".....	May 17, 1909.....	Sep. 5, 1909
Landing for steamer "Richard Carroll".....	5.00 ".....	June 10, 1909.....	
Float.....	2.50 per month.....	May 13, 1909.....	Oct. 1, 1909
Candy stand.....	1.00 ".....	May 1, 1907.....	
Space 60 feet wide.....	15.00 ".....	Oct. 5, 1906.....	
Use and occupancy.....	10.00 ".....	May 31, 1907.....	
Pier and boathouse.....	5.00 ".....	April 14, 1908.....	
Houseboat.....	5.00 ".....	Aug. 25, 1908.....	Sept. 1, 1909
Space for boathouse.....	14.40 per annum.....	Mch. 22, 1909.....	
".....	12.00 ".....	June 25, 1909.....	
".....	14.40 ".....	June 25, 1909.....	
".....	12.60 ".....	June 23, 1909.....	
".....	12.14 ".....	Sept. 1, 1909.....	
Club house.....	12.00 ".....	May 15, 1907.....	
House.....	1.00 ".....	May 12, 1908.....	
".....	1.00 ".....	May 12, 1908.....	
Land under water.....	12.00 ".....	June 10, 1908.....	
".....	12.00 ".....	May 9, 1907.....	
".....	50.00 ".....	Dec. 17, 1908.....	
Sheet pile bulkhead.....	12.60 ".....	Feb. 8, 1908.....	
Footbridge.....	1.00 ".....	Mch. 1, 1909.....	
Landing for "Richard Carroll".....	\$5.00 ".....	June 10, 1909.....	
House and float.....	5.00 per month.....	April 17, 1909.....	Nov. 1, 1909
Landing for steamer "Wm. Storie".....	1.00 ".....	June 16, 1909.....	
Landing for steamer "J. S. Warden".....	3.00 per day.....	Aug. 24, 1909.....	
Berth for steamer "Havana".....	Regular wharfage.....	Nov. 5, 1909.....	



APPORTIONMENT  
OF  
EXPENDITURES

For the Year 1909.

Showing in Detail the Cost of Construction and Repair Work, and General Expenses Incident to Same, for Each Borough; also Expenditures for Acquisition of Wharf Property, Operation of Municipal Ferries, Administrative Purposes, etc.

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Battery Section.</i>			
From a point 41 feet south of the north side of Pier "A" to a point about 84.80 feet north of the north side of Pier, new number 1, N. R.:			
Bulkhead wall, etc.....			<i>No Data</i>
Paving the marginal street.....			\$16,412 13
Temporary break-water (now removed).....			4,940 41
<i>Masonry Break-water.</i>			
Removal of old work, etc.....		\$11,907 49	
Dredging.....		1,356 47	
Break-water proper.....		131,886 97	
			145,150 93
<i>Pier "A"</i>			
Pier.....		\$148,471 12	
Building on the pier.....	\$17 32	64,333 81	
Extensions to the building.....		46,897 57	
			259,702 50
<i>Pier New No. 1, N. R.</i>			
Pier.....		\$528,406 23	
Plans for extension.....		820 00	
			529,226 23
<i>Water-front between the Battery and Cedar Street Sections.</i>			
Plans for improvement of.....	43 58		
			\$236 40
<i>Cedar Street Section.</i>			
From a point opposite the middle of the block between Carlisle and Albany streets to a point about 40 feet south of the north line of Cedar street:			
Bulkhead wall, etc.....	\$9,956 63	\$202,802 76	
Filling in, grading and paving the marginal street..	2,239 57	2,244 97	
			\$205,047 73
<i>Pier No. 10, at Albany Street.</i>			
Removal of old work.....		\$3,111 55	
Dredging.....		4,144 29	
Rip-rap foundation.....		10,127 56	
Pier proper.....		90,456 40	
			107,839 80
<i>Pier No. 11, at Cedar Street.</i>			
Removal of old work.....		\$5,059 39	
Dredging.....	1,256 10	1,256 10	
Rip-rap foundation.....		1,087 46	
Pier proper.....	18,936 77	54,379 36	
			61,782 31

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURE TO DATE.
<i>Wharf Property Acquired.</i>			
Expenses of conveyance.....			\$61 00
	\$32,389 07		\$374,730 84
<i>Rector Street Section.</i>			
Bulkhead wall, etc.....		\$104,408 86	
Filling in, grading and paving the marginal street..	\$97 35	21,947 30	\$126,356 16
<i>Water-front at Cortlandt Street.</i>			
Plans for improving.....	\$29 86	\$84 11	\$84 11
<i>Dey Street Section Extended.</i>			
From a point 94.06 feet south of Pier No. 13, foot of Cortlandt street, south a length of 20 feet.....			
Bulkhead wall.....		\$7,648 35	
Filling in, grading and paving the marginal street..		2,902 48	\$10,550 83
<i>Dey Street Section.</i>			
From a point 94.06 feet south of Pier No. 13, foot of Cortlandt street, to a point 218.17 feet south of Pier 14, foot of Fulton street:			
Bulkhead wall (Built by private party).....			
Filling in, grading and paving the marginal street..			\$10,062 01
<i>West Washington Market Section.</i>			
From a point 218.17 feet south of Pier No. 14, foot of Fulton street to the north side of Pier No. 15, foot of Vesey street:			
Bulkhead wall, etc.....		\$148,437 93	
Filling in, grading and paving the marginal street..		165,055 36	\$313,493 29
<i>Pier No. 14, at Fulton Street.</i>			
Dredging.....		\$28,229 18	
Pier proper.....		66,078 65	
Widening pier and removing rock bottom.....		153,752 78	
Shed foundation.....		17,535 81	
Extension.....		281 46	265,877 88
<i>Pier No. 15, at Vesey Street.</i>			
Dredging.....		\$27,373 15	
Pier proper.....		42,192 07	69,565 22

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Wharf Property Purchased.</i>			
Bulkhead and piers from James Cruikshank.....			\$200,473 93
			<u>\$849,410 32</u>
<i>Barclay Street Section.</i>			
From the north side of Pier No. 15, foot of Vesey street, to a point 0.32 of a foot north of the south side of Pier, old 25, foot of Barclay street:			
Bulkhead wall, etc. (built by private parties).....			
Paving the marginal street.....			\$5,932 57
<i>Barclay Street Section Extended.</i>			
From a point 0.32 of a foot north of the south side of Pier, old 25, foot of Barclay street, to a point 89.89 feet north of the north side of Pier old 25:			
Bulkhead wall, etc.....		\$54,817 71	
Paving the marginal street.....		5,571 35	
			<u>\$60,389 06</u>
<i>Park Place Section.</i>			
From a point 89.89 feet south of Pier, old 27, foot of Park Place, to a point 81.75 feet north of Pier, old 27:			
Bulkhead wall, etc.....		\$87,894 69	
Paving the marginal street.....		10,630 08	
			<u>\$98,524 77</u>
<i>Murray Street Section.</i>			
From a point 81.75 feet south of Pier, old 28, foot of Murray street to the south end of the Warren street Section:			
Bulkhead wall, etc.....		\$73,407 38	
Paving the marginal street.....		7,268 02	
			<u>\$80,675 40</u>
<i>Warren Street Section.</i>			
From the north side of Pier, old 28, to a point 0.20 of a foot north of Pier No. 19, foot of Warren street:			
Bulkhead, wall, etc.....		\$78,385 60	
Paving the marginal street.....		15,247 02	
			<u>\$93,632 62</u>
<i>Pier No. 19, at Warren Street.</i>			
Dredging.....		\$10,461 54	
Rip-rap foundation.....		1,265 73	
Pier proper.....		55,641 11	
Extension.....		35,792 02	
			<u>103,160 40</u>



## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Wharf Property Acquired.</i>			
Bulkhead 159 feet in length, from Charles F. Choate.....		\$80,062 30	
Bulkhead 26½ feet in length, from Charles Drake.....		14,345 70	
Bulkhead 13 feet in length, from Charles E. Delaplaine.....		12,304 60	
			\$106,712 60
<i>Chambers Street Section.</i>			
From a point 0.20 of a foot north of Pier No. 19, at foot of Warren street, to a point 91.70 feet north of Pier No. 21, at foot of Duane street:			\$303,505 62
Bulkhead wall, etc.....		\$244,070 09	
Paving the new marginal street.....		40,695 10	
			\$284,765 19
<i>Pier No. 20, at Chambers Street.</i>			
Dredging.....		\$17,471 43	
Pier proper.....		50,998 14	
Extensions to pier-head line.....		57,429 74	
			125,899 31
<i>Pier No. 21, at Duane Street.</i>			
Dredging.....		\$27,037 29	
Pier proper.....		67,803 85	
Sewer through pier.....		1,909 87	
Extensions to pier-head line.....		76,155 00	
			172,906 01
<i>Wharf Property Acquired.</i>			
Bulkhead 186 feet in length from Charles E. Delaplaine.....			176,050 67
			\$759,621 18
<i>Jay Street Section.</i>			
From a point 72.70 feet south of Pier No. 22, foot of Jay street, to a point 68.97 feet north of Pier No. 22:			
Bulkhead wall, etc.....		\$86,407 45	
Paving the marginal street.....		12,771 85	
			\$99,179 30
<i>Pier No. 22, at Jay Street.</i>			
Rip-rap foundation.....		\$1,524 75	
Pier proper.....		65,390 77	
Extension.....		34,399 87	
			101,315 39
<i>Wharf Property Acquired.</i>			
Bulkhead and piers (Jay street Basin).....			365,552 08
			\$566,046 77

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDI- TURES, 1909 ONLY.	SUB- TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Franklin Street Section.</i>			
From a point 95.28 feet south of Pier No. 23, foot of Harrison street, to a point 30.47 feet north of Pier, old 24, foot of Franklin street:			
Bulkhead wall, proper.....		\$114,474 96	
Filling in, grading and paving the marginal street.....		50,326 30	\$164,801 26
<i>Pier No. 23, at Harrison Street.</i>			
Dredging.....		\$18,511 36	
Pier proper.....		56,159 62	
Extensions.....		41,780 08	116,451 06
<i>Pier No. 24, at Franklin Street.</i>			
Dredging.....		\$15,959 20	
Pier proper.....		37,399 65	
Spurs and gangways.....		6,925 10	
Extensions.....		55,073 94	115,357 89
<i>Wharf Property Acquired.</i>			
Bulkhead and half of pier.....			161,669 20
			<u>\$558,279 41</u>
<i>North Moore Street Section.</i>			
From a point 30.47 feet north of Pier No. 24, to a point 21 feet south of Pier No. 26, at Beach street:			
Bulkhead wall.....		\$97,979 44	
Filling in, grading and paving the marginal street.....		46,147 87	\$144,127 31
<i>Pier No. 25, at North Moore Street.</i>			
Dredging.....		\$14,523 76	
Pier proper.....		47,127 83	
Extensions.....		62,547 14	124,198 73
<i>Wharf Property Acquired.</i>			
Bulkhead 262½ feet in length.....			163,387 25
			<u>\$431,713 29</u>
<i>Beach Street Section.</i>			
From a point 21 feet south of Pier No. 26, at Beach street, to a point 94.90 feet north of Pier No. 26:			
Bulkhead wall.....		\$44,492 00	
Filling in, grading and paving the marginal street.....		15,253 70	\$59,745 70

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPEN- TURES, 1909 ONLY.	SUB- TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 26, at Beach Street.</i>			
Dredging.....			
Pier proper.....			
Extensions.....			\$68,577 56
<i>Wharf Property Acquired.</i>			
Bulkhead 150 feet in length.....			138,523 80
<i>Laight Street Section.</i>			
From a point 61.40 feet south of Pier No. 27 to a point 16.83 feet north of Pier No. 29:			
Bulkhead wall.....		\$184,581 26	
Filling in, grading and paving the marginal street..		71,340 33	\$255,921 59
<i>Pier No. 27, at Hubert Street.</i>			
Dredging.....		\$42,500 15	
Pier proper.....		44,510 97	
Extension.....		38,592 78	125,603 90
<i>Pier No. 28, at Laight Street.</i>			
Dredging.....		\$44,626 06	
Pier proper.....		57,615 83	
Extension.....		38,843 70	141,085 59
<i>Pier No. 29, at Vestry Street.</i>			
Dredging.....		\$13,874 88	
Pier proper.....		59,312 09	
Extension as a rack.....		27,621 34	100,808 31
<i>Wharf Property Acquired.</i>			
Bulkhead 103 feet in length.....			59,937 12
			\$683,356 51
<i>Desbrosses Street Section.</i>			
From a point 16.83 feet north of Pier No. 29, to the south side extended of Watts street:			
Bulkhead-wall proper (built by private parties)...			
Paving the new marginal street.....			\$16,031 78

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Watts Street Section.</i>			
From the south line of Watts street extended, to the bulkhead-line of 1871, to the north line of Watts street, extended:			
Bulkhead wall.....		\$25,597 00	
Filling in, grading and paving the marginal street.....		11,212 78	\$36,809 78
<i>Pier No. 31, at Watts Street.</i>			
Dredging.....		\$7,813 03	
Rip-rap foundation.....		5,488 09	
Ferry rack.....		3,054 56	
Pier proper.....		46,469 46	62,825 14
			<u>\$99,634 92</u>
<i>Watts Street Section Extended.</i>			
From the north line of Watts street extended, to bulkhead line of 1871, northerly, a length of 125 feet:			
Bulkhead wall, etc.....		\$42,858 15	
Paving the marginal street.....		5,421 10	\$48,279 25
<i>Wharf Property Acquired.</i>			
Bulkhead 125 feet in length, etc.....			147,873 89
			<u>\$196,153 14</u>
<i>Canal Street Section South.</i>			
From a point 125 feet north of the north side, extended, of Watts street, to a point 3.08 feet north of the south side, extended, of Canal street:			
Bulkhead wall (built by private parties).....			
Paving the marginal street.....			\$5,704 64
<i>Canal Street Section Extended.</i>			
From a point 3.08 feet north of the south side, extended, of Canal street, to a point 95.60 feet south of Pier No. 34:			
Bulkhead wall.....		\$34,880 47	
Filling in, grading and paving the marginal street.....		57,873 79	\$92,754 26

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 33, near foot of Canal Street.</i>			
Dredging.....		\$15,684 03	
Pier proper.....		45,724 74	
Extensions.....		22,845 02	
Rebuilding.....	\$9,958 26	43,919 74	\$128,173 53
	<u>\$9,958 26</u>		<u>\$220,927 79</u>
<i>Canal Street Section.</i>			
From a point 95.60 feet south of Pier No. 34 to the south end of the Spring Street Section:			
Bulkhead wall.....		\$100,225 51	
Filling in, grading and paving the marginal street..		70,468 71	\$170,694 22
<i>Pier No. 34, at Canal Street</i>			
Dredging.....			
Pier proper.....			
Extensions.....			24,958 94
<i>Wharf Property Acquired.</i>			
Leasehold interest in bulkhead south of pier, old 43: (See Minutes April 30, 1874).....			<u>7,500 00</u>
<i>Spring Street Section.</i>			
From the north end of the Canal street section, to a point 79.95 feet north of Pier No. 35:			
Bulkhead wall, etc.....		\$47,099 95	
Paving the marginal street.....		18,061 43	\$65,161 38
<i>Pier No. 35, at Spring Street.</i>			
Pier proper (built by lessees).....			
Extensions.....			47,528 26
<i>Wharf Property Acquired.</i>			
Bulkhead 82½ feet in length.....			64,298 25
			<u>\$176,987 89</u>

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS--BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE. 1905
<i>Charlton Street Section.</i>			
From a point 79.95 feet north of Pier No. 35 to a point 19.79 feet north of Pier No. 37:			
Bulkhead wall.....		\$101,087 15	
Filling in, grading and paving the marginal street.....		96,955 37	\$198,042 52
<i>Pier No. 36, South of Charlton Street.</i>			
Dredging.....		\$21,797 89	
Pier proper.....		68,469 82	
Extensions.....		50,234 25	140,501 96
<i>Pier No. 37, foot of Charlton Street.</i>			
Dredging.....		\$20,708 67	
Pier proper.....		58,938 34	
Widening.....		8,388 56	
Extensions.....		56,341 48	144,377 05
<i>Wharf Property Acquired.</i>			
Pier old 44, and 285 ½ feet of bulkhead.....			384,205 83
			<u>\$867,127 36</u>
<i>King Street Section (Old).</i>			
From a point 19.79 feet north of Pier No. 37 to a point 7.03 feet south of Pier No. 38:			
Bulkhead-wall proper.....			\$52,722 68
General charges.....		\$19,107 79	
Paving the new Marginal street.....		12,685 84	31,793 63
			<u>\$84,516 31</u>
<i>King Street Section (New).</i>			
From a point 7.03 feet south of Pier No. 38 to a point 32.37 feet north of Pier No. 38:			
Bulkhead-wall proper.....			\$31,349 65
General charges.....		\$8,942 82	
Paving the new Marginal street.....		10,075 15	19,017 97
<i>Pier No. 38 at King Street.</i>			
Dredging.....		\$10,982 31	
Pier proper.....		53,890 03	
Widening and extension to Pier-head line of 1890.....		21,581 78	
Extension to Pier-head line of 1897.....		29,900 28	116,354 40

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Wharf Property Purchased.</i>			
Bulkhead 50.60 feet in length. ....			63,749 68
			<u>\$230,471 70</u>
<i>Clarkson Street Section (Lower).</i>			
From a point 32.37 feet north of Pier No. 38 to a point 4.72 feet south of Pier No. 39:			
Bulkhead-wall proper. ....			\$52,549 05
General charges.....		\$19,748 33	
Paving the new Marginal street.....		12,584 30	32,332 63
<i>Wharf Property Purchased.</i>			
Bulkhead 149.75 feet in length. ....			166,671 70
			<u>\$251,553 38</u>
<i>West Houston Street Section.</i>			
From a point 4.72 feet south of Pier No. 39 to a point 30.09 feet north of Pier No. 39:			
Bulkhead-wall proper. ....			\$23,876 90
General charges.....		\$8,456 04	
Paving the new Marginal street.....		9,308 23	17,764 27
<i>Pier No. 39 at W. Houston Street.</i>			
Dredging.....		\$14,532 00	
Pier proper. ....		51,116 76	
Extension to Pier-head line of 1890 (built by lessee). ....			
Extension to Pier-head line of 1897.....		33,268 53	98,917 29
<i>Wharf Property Purchased.</i>			
Bulkhead 46.09 feet in length. ....			55,328 02
			<u>\$195,886 48</u>
<i>Clarkson Street Section (Upper).</i>			
From a point 30.09 feet north of Pier No. 39 to a point 55.25 feet south of Pier No. 40:			
Bulkhead-wall proper. ....			\$35,228 59
General charges.....		\$13,239 17	
Paving the new Marginal street.....		8,587 26	21,826 43
<i>Wharf Property Purchased.</i>			
Bulkhead 100.51 feet in length. ....			119,863 21
			<u>\$176,918 23</u>

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Leroy Street Section.</i>			
From a point 55.25 feet south of Pier No. 40 to a point 25.94 feet south of Pier No. 42:			
Bulkhead-wall proper. ....			\$134,598 80
General charges.....		\$61,221 60	
Paving the new Marginal street.....		40,352 97	101,574 57
<i>Pier No. 40 at Clarkson Street.</i>			
Dredging.....		\$21,862 09	
Pier proper. ....		57,796 65	
Extension to Pier-head line of 1890.....		22,194 30	
Extension to Pier-head line of 1897.....		31,635 61	133,488 65
<i>Pier No. 41 at Leroy Street.</i>			
Dredging.....		\$24,081 70	
Pier proper. ....		50,096 72	
Extension to Pier-head line of 1897.....		47,797 98	121,976 40
<i>Wharf Property Purchased.</i>			
Bulkhead 428.88 feet in length. ....			408,612 16
			<u>\$900,250 58</u>
<i>Marion Street Section.</i>			
From a point 25.94 feet south of Pier No. 42 to a point 50.39 feet north of Pier No. 42:			
Bulkhead wall, etc.....		\$64,065 55	
Paving the new Marginal street.....		2,760 86	\$66,826 41
<i>Pier No. 42, at Morton Street.</i>			
Dredging.....		\$9,807 75	
Pier proper. ....		52,634 31	
Extensions to Pier-head line.....		20,763 51	
Rebuilding.....	\$389 71	389 71	83,595 28
<i>Wharf Property Acquired.</i>			
Bulkhead 88.55 feet in length. ....			79,757 50
	\$389 71		<u>\$230,179 19</u>
<i>Christopher Street Section.</i>			
From a point 50.39 feet north of Pier No. 42 to about the north side of Pier No. 47.—Resolutions September 26, 1873, and October 27, 1875:			
Bulkhead wall, etc.....		\$560,073 60	
Paving the new Marginal street.....		68,125 05	\$628,198 65



## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 43, N. R.</i>			
Dredging.....		\$2,829 00	
Pier proper.....		39,606 00	
Shed.....		39,280 00	
Extensions to pier-head line.....		13,489 80	
			\$95,204 80
<i>Pier No. 44, N. R.</i>			
Dredging.....		\$2,789 25	
Pier proper.....		48,615 17	
Extensions to pier-head line.....		13,717 75	
			65,122 17
<i>Pier No. 45, N. R.</i>			
Dredging.....		\$4,569 00	
Pier proper.....		69,167 69	
Extension to pier-head line.....		25,338 97	
			99,075 66
<i>Pier No. 46, N. R.</i>			
Dredging.....		\$2,010 75	
Pier proper.....		42,361 32	
Shed.....		30,000 00	
Extensions to pier-head line.....		42,874 62	
			117,246 69
<i>Pier No. 47, N. R.</i>			
Dredging.....		<i>No data.</i>	
Pier proper.....		<i>No data.</i>	
Extensions to pier-head line.....		\$37,800 74	
			37,800 74
Platform at approach to piers Nos. 46 and 47, N. R.			14,990 47
Wharf property purchased.....			122,129 25
<i>Gansevoort Section.</i>			
From north side of Pier No. 46 to north side of Pier No. 52:			
Bulkhead wall, etc.....		\$1,053,911 11	
Paving the new marginal street.....		121,190 37	
			\$1,175,101 48
Pier No. 48—Dredging.....		\$60,324 30	
“ Pier proper.....		117,981 80	
			178,306 10
Pier No. 49—Dredging.....		\$49,034 97	
“ Pier proper.....		154,983 22	
			204,018 19

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
Pier No. 50—Dredging . . . . .		\$44,110 39	
“ Pier proper. . . . .		154,431 52	\$198,541 91
Pier No. 51—Dredging . . . . .		\$48,744 86	
“ Pier proper. . . . .		142,297 39	191,042 25
Pier No. 52—Dredging . . . . .		\$49,873 73	
“ Pier proper. . . . .		99,939 58	149,813 31
Wharf property purchased. . . . .			6,111,133 92
			<u>\$8,207,957 16</u>
<i>Gansevoort Market Piers.</i>			
South pier—Plans for . . . . .	\$43 95		\$43 95
Middle pier—Plans for . . . . .	43 98		43 98
North pier—Plans for . . . . .	43 97		43 97
	<u>\$131 90</u>		<u>\$131 90</u>
<i>Chelsea Section.</i>			
From north side of Bloomfield street to the lower end of the West Twenty-third street section, south:			
Bulkhead wall, etc. . . . .	\$1,904 27	\$1,408,593 61	
Paving the new marginal street. . . . .	12,373 89	251,141 27	\$1,659,734 88
<i>Pier No. 53, at Bloomfield Street.</i>			
Removal of old work. . . . .		\$3,694 16	
Dredging . . . . .		102,933 18	
Pier proper. . . . .	26,324 81	136,120 00	
Asphalt deck. . . . .		7,330 84	
Shed and its foundation. . . . .	135,601 51	140,387 80	\$390,465 98
<i>Pier No. 54, at West Thirteenth Street.</i>			
Dredging . . . . .	\$3,593 28	\$262,648 47	
Pier proper. . . . .		232,396 74	
Asphalt deck. . . . .		9,743 71	\$504,788 92
<i>Pier No. 56, at West Fourteenth Street.</i>			
Dredging . . . . .	\$4,186 83	\$248,224 05	
Pier proper. . . . .		226,757 70	
Asphalt deck. . . . .		10,059 14	\$485,040 89

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 57, at West Fifteenth Street.</i>			
Dredging.....		\$216,331 81	
Pier proper.....		221,749 29	
Asphalt deck.....		12,468 31	\$450,549 41
<i>Pier No. 58, at West Sixteenth Street.</i>			
Dredging.....	281 02	\$192,761 75	
Pier proper.....		222,106 50	
Asphalt deck.....		12,468 31	427,336 56
<i>Pier at West Seventeenth Street (removed)</i>			
Removal of old work.....		\$3,823 46	
Dredging.....		5,119 75	
Pier proper.....		32,528 43	41,471 64
<i>Pier No. 59, at West Eighteenth Street.</i>			
Dredging.....	6,431 08	\$257,787 19	
Pier proper.....		253,311 48	
Asphalt deck.....		11,663 69	522,762.36
<i>Pier No. 60, at West Nineteenth Street.</i>			
Dredging.....	5,252 85	\$241,171 96	
Pier Proper.....		234,757 26	
Asphalt deck.....		11,377 04	487,306 26
<i>Pier No. 61, at West Twenty-first Street.</i>			
Dredging.....	2,146 85	\$232,988 16	
Pier proper.....		241,908 85	
Asphalt deck.....		11,238 96	486,135 97
<i>Pier No. 62, at West Twenty-second Street.</i>			
Dredging.....	604 85	\$127,296 14	
Pier proper.....		139,384 36	
Concrete deck.....		7,717 32	
Asphalt deck.....		6,435 06	280,832 88
Dredging in Hoboken ferry-slip.....		\$16,180 49	
Dredging in the New Jersey Central ferry-slip.....		6,946 98	23,127 47
Pier and bulkhead sheds.....	2,461,778 32	\$5,129,123 60	
Fire protection system.....	90 95	11,823 15	
Power plant and electric installation on piers.....	360,558 59	361,573 07	

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
Widening piers.....	\$220 43	\$95,317 68	
Extra mooring posts on piers.....	2,142 05	9,423 88	
Memorial tablets.....	187 92	287 39	
Maintaining and keeping structures and appurtenances in good condition until taken possession of by lessees.....	1,019 79	1,019 79	\$5,608,568 56
<i>Wharf Property Acquired.</i>			
Lands, uplands, etc., from Equitable Life Assurance Society of the U. S.....		\$339,331 61	
Lands, improvements, etc., from Ambrose K. Ely and others.....		864,010 12	
Bulkhead, uplands, etc., from Cornelius Le Roy White and others.....		1,246,022 79	
Bulkhead, uplands, etc., from Winthrop Astor Chanler and others.....		995,956 01	
Condemnation costs between West Fifteenth and West Eighteenth streets.....	2,578 22	41,752 02	
Uplands, etc., from Augustus Meyers.....	10,816 25	10,816 25	
Condemnation costs between West Twenty-second and West Twenty-third streets.....	463 44	463 44	
Bulkhead, uplands, etc., from William Waldorf Astor and others.....		999,128 19	
Bulkhead, improvements, etc., from sundry owners.....		2,760,045 30	
Uplands, etc., from Mary Patterson and others....		343,832 94	7,601,358 67
	\$3,038,557 20		\$18,969,480 45
<i>West Twenty-third Street Section—South End.</i>			
From a point 10 feet south of the north side of West Twenty-third street to a point 43.27 feet north of Pier No. 67:			
Bulkhead-wall proper.....			\$427,264 77
General charges.....		\$71,922 03	
Paving the new marginal street.....		76,375 23	148,297 26
<i>Pier No. 63, at West Twenty-third Street.</i>			
Removal of old work.....		\$6,239 61	
Dredging.....		12,214 54	
Pier proper.....		35,307 53	
Sewer through Pier.....		9,494 84	63,256 52
<i>Pier No. 64, at West Twenty-fourth Street.</i>			
Dredging.....		\$17,657 50	
Pier proper.....		52,193 33	
Extension to Pier-head line of 1897.....		8,249 08	78,099 91

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 65, at West Twenty-fifth Street.</i>			
Dredging.....		\$18,578 68	
Pier proper.....		64,374 02	
Extension to Pier-head line of 1897.....		\$117 84	\$83,070 54
<i>Pier No. 66, at West Twenty-sixth Street.</i>			
Dredging.....		\$22,868 56	
Pier proper.....		54,997 97	
Extension to Pier-head line of 1897.....		22 26	77,888 79
<i>Pier No. 67, at West Twenty-seventh Street.</i>			
Dredging.....		\$21,453 40	
Pier proper.....		54,528 73	
Extension to Pier-head line of 1897.....		22 27	76,004 40
<i>Wharf Property Purchased.</i>			
Bulkheads, etc., 810.20 feet in length.....			594,125 65
			<u>\$1,548,007 84</u>
<i>West Twenty-third Street Section—North End.</i>			
From a point 43.27 feet north of Pier No. 67 to the north side of West Thirtieth street:			
Bulkhead-wall proper.....			\$241,411 97
General charges.....		\$54,048 51	
Paving the new marginal street.....		57,002 59	111,051 10
<i>Pier No. 68, at West Twenty-eighth Street.</i>			
Dredging.....		\$16,618 25	
Pier proper.....		38,734 90	
Extension to Pier-head line of 1897.....		22 26	55,375 41
<i>Pier No. 69, at West Twenty-ninth Street.</i>			
Dredging.....		\$16,527 81	
Pier proper.....		29,370 02	
Extension to Pier-head line of 1897.....		24 35	45,922 18
<i>Pier No. 70, at West Thirtieth Street.</i>			
Dredging.....		\$12,139 63	
Pier proper.....		32,029 44	
Extension to Pier-head line of 1897.....		32,999 80	77,168 87
<i>Wharf Property Purchased.</i>			
Bulkheads 262 feet 8½ inches in length.....			119,644 21
			<u>\$650,573 74</u>

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>West Thirty-first Street Section.</i>			
From the north side of West Thirtieth street to the north side of West Thirty-first street:			
Bulkhead wall, etc.....			\$86,214 08
<i>Pier No. 71, at West Thirty-first Street.</i>			
Dredging.....		\$28,580 62	
Pier proper.....		73,364 13	
Extension.....		48,678 87	
			150,623 62
			\$236,837 70
<i>West Thirty-second Street Section.</i>			
From the north side of West Thirty-first street to the north side of West Thirty-third street:			
Bulkhead wall, etc.....			\$178,189 69
<i>Pier No. 72, at West Thirty-second Street.</i>			
Dredging.....		\$9,210 12	
Pier proper.....		67,530 86	
Extension.....	\$43 86	43 86	
			76,784 84
<i>Pier No. 73, at West Thirty-third Street.</i>			
Dredging.....		\$17,357 05	
Pier proper.....		44,497 11	
Extension.....		30,492 99	
			92,347 15
	\$43 86		\$347,321 68
<i>West Thirty-third Street Section.</i>			
From the north side of West Thirty-third street, extended, to a point 98.75 feet north:			
Bulkhead wall, etc.....		\$42,413 66	
Paving the marginal street.....		632 40	
Wharf property acquired.....			\$43,046 06
			10,000 00
			\$53,046 06
<i>West Thirty-fourth Street Section.</i>			
From the north end of the West Thirty-third street Section to the north side of West Thirty-fourth street:			
Bulkhead wall, etc.....		\$72,330 68	
Paving the marginal street.....		5,585 88	
			\$77,916 56

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPEN- TURES, 1909 ONLY.	SUB- TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 74, at West Thirty-fourth Street.</i>			
Removal of old work.....		\$2,325 25	
Dredging.....		19,003 48	
Pier proper.....		73,551 63	
Shed.....		98,800 37	\$193,680 73
<i>Wharf Property Acquired.</i>			
Bulkhead 101 feet 4½ inches in length, from Edmund Coffin and others.....			117,083 32
			\$388,680 61
<i>Between North Side of West Thirty-fourth Street and South Side of West Forty-first Street.</i>			
Pier at West 35th street—Dredging.....		\$1,347 50	
“ Pier and approach.....		33,077 81	
“ Extensions.....		39,565 14	
“ Rebuilding.....	\$13,131 31	13,131 31	\$87,121 76
Pier at West 36th street—Dredging.....		\$2,077 03	
“ Pier and approach.....		29,048 12	
“ Extension.....		32,447 97	63,573 12
Pier at West 37th street—Removal of old work.....		\$438 73	
“ Dredging.....		18,313 36	
“ Pier and approach.....		46,931 67	65,683 76
Pier at West 38th street—Dredging.....		\$23,183 95	
“ Pier proper.....		46,488 97	69,672 92
Pier at West 39th street—Dredging.....		\$3,742 06	
“ Pier and approach.....		60,339 40	
“ Widening approach, south side.....		6,395 81	
“ Widening approach, north side.....		6,765 31	77,242 58
Pier at West 40th street—Dredging.....		\$18,616 91	
“ Pier proper.....		40,679 69	
“ Asphalt deck.....	4,630 77	4,630 77	
“ Extension.....	6,212 16	6,212 16	70,139 53
Wharf property being acquired.....			159 60
	\$23,974 24		\$433,593 27

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>West Forty-first Street Section.</i>			
From the south line of West Forty-first street to the south line of West Forty-second street:			
Bulkhead wall, etc.....			\$27,338 40
Pier at West Forty-first street.....			78,911 01
Wharf property being acquired.....			425 88
			<u>\$106,675 29</u>
<i>West Forty-second Street Section.</i>			
From the south side of West Forty-second street to the north side of West Forty-fourth street:			
Bulkhead wall, etc.....	\$9,754 84	\$347,087 37	
Paving the marginal street.....	490 78	2,527 31	
			\$349,614 68
<i>Pier No. 83, at West Forty-third Street.</i>			
Removal of old work.....		\$1,468 21	
Dredging.....		12,851 99	
Pier proper.....		125,407 24	
			139,727 44
<i>Pier No. 84, at West Forty-fourth Street.</i>			
Dredging.....		\$26,050 92	
Pier and approach.....		33,861 09	
Extension.....		156,365 81	
Shed.....		7,503 90	
			223,781 72
<i>Wharf Property Acquired.</i>			
Bulkhead, 200 feet and 10 inches in length, from the Forty-second street and Grand street Ferry Railroad Company.....			227,772 74
	\$10,245 62		<u>\$940,896 58</u>
<i>Water-front between upper side of West Forty-fourth Street and upper side of West Forty-ninth Street.</i>			
Plans for improving.....	\$766 31		\$779 72
<i>Pier at West Forty-fifth Street.</i>			
Dredging.....		\$9,518 04	
Pier proper.....		45,645 11	
Extension.....	104 31	104 31	
			55,267 46
<i>Pier at West Forty-sixth Street.</i>			
Extension.....	123 99		123 99



## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier at West Forty-seventh Street.</i>			
Removal of old work.....		\$1,474 89	
Dredging.....		26,665 07	
Pier proper.....		50,111 82	
Extension.....	\$104 31	104 31	\$ 78,356 09
<i>Pier at West Forty-eighth Street.</i>			
Dredging.....		\$13,559 08	
Pier proper.....		36,764 35	
Extension.....	186 98	186 98	
Shed.....		568 16	51,078 57
<i>Pier at West Forty-ninth Street.</i>			
Dredging.....		\$13,374 63	
Pier proper.....		42,761 09	
Extension.....	69 54	69 54	56,205 26
	\$1,355 44		\$241,811 09
<i>West Fifty-second Street Section.</i>			
From a point 83 feet and 10 inches south of the south side of West Fiftieth street to the north side of West Fifty-fifth street:			
Bulkhead wall, etc.....		\$487,303 72	
Paving the new marginal street.....		12,498 38	\$499,802 10
<i>Pier at West Fiftieth Street.</i>			
Dredging.....		\$10,132 78	
Pier proper.....		40,432 03	
Extensions, etc.....		67,048 40	117,613 21
<i>Pier at West Fifty-first Street.</i>			
Dredging.....		\$10,731 01	
Pier proper.....		39,236 10	
Extension.....		30,669 38	80,636 49
<i>Pier at West Fifty-second Street.</i>			
Dredging.....		\$8,514 99	
Pier proper.....		37,917 04	
Extension.....		30,228 66	76,660 69

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDI- TURES, 1909 ONLY.	SUB- TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier at West Fifty-third Street.</i>			
Plans for construction.....			\$29 80
<i>Pier at West Fifty-fourth Street.</i>			
Dredging.....		\$6,728 14	
Pier proper.....		38,352 67	
Sewer through pier.....		4,096 61	
Extension.....	\$116 78	176 62	49,354 04
<i>Pier at West Fifty-fifth Street.</i>			
Dredging.....		\$28,116 69	
Pier proper.....		32,645 99	
Extension.....	14,246 99	59,138 96	119,901 64
<i>Wharf Property Acquired.</i>			
Bulkhead 200 feet and 10 inches in length, from James Brown.....		\$95,637 13	
Bulkhead 260 feet and 10 inches in length, from Mary J. Van Auken.....		2,530 00	
Bulkhead 245 feet in length, from Hopper, S., and Alexander H. Mott.....		7,500 00	105,667 13
	\$14,363 77		\$1,049,665 10
<i>West Fifty-seventh Street Section.</i>			
From the north side of West Fifty-fifth street to the south side of West Fifty-eighth street:			
Bulkhead-wall proper.....			\$202,279 64
General charges.....			58,453 03
Paving the new marginal street.....			.....
<i>Pier No. 96, at West Fifty-sixth Street.</i>			
Dredging (1890, 1, 2, 3).....		\$10,061 29	
Pier proper (1890, 1, 2, 3).....		48,171 51	58,232 80
<i>Pier No. 97, at West Fifty-seventh Street.</i>			
Dredging (1889-1894).....		\$7,822 33	
Pier proper (1889-1894).....		50,559 39	
Extension (1900, 1, 2).....		42,432 03	100,813 75
			\$419,779 22

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>West Fifty-ninth Street Section.</i>			
From the south side of West Fifty-eighth street to the north side of West Fifty-ninth street:			
Bulkhead wall, etc.....			\$55,151 65
Pier at West Fifty-eighth street. (See Report 1904).....			87,805 31
Pier at West Fifty-ninth street. (See Report 1904.).....			256,394 88
			<u>\$399,351 84</u>
<i>Water-front opposite Riverside Park.</i>			
Plans for improvement.....		\$119 60	
Pier at West Seventy-eighth street.....		348 56	
Pier at West Seventy-ninth street.....	\$16,001 87	89,556 35	
Pier at West Eightieth street.....		47,180 63	
Pile bulkhead from a point distant 101 feet and 1 inch south from the south line of West Ninety-fifth street to about the north line of West Ninety-fifth street.....		18,465 61	
Pier at West Ninety-fifth street (plans for).....	397 74	473 73	
Pier at West Ninety-sixth street.....		84,499 94	
Pier at West Ninety-seventh street.....		96,145 35	
			\$336,789 77
<i>Wharf Property Acquired.</i>			
Upland, etc., north of West Seventy-seventh street.....		\$707 96	
Bulkhead between West Eightieth and West Eighty-first streets.....		179,669 68	
Land under water south of West Ninety-fifth street.....		56,787 35	
Uplands, etc., between West Ninety-fifth and West Ninety-sixth streets.....		172,618 42	
Bulkhead between West Ninety-sixth and West Ninety-seventh streets.....		163,576 69	
Upland north of West Ninety-seventh street.....		56,650 89	
	\$16,399 61		630,010 99
			<u>\$966,800 76</u>
<i>Claremont Section.</i>			
From the north side of West One Hundred and Twenty-ninth street to north side of West One Hundred and Thirty-fourth street:			
Bulkhead wall, etc.....	\$4,286 58	\$455,835 21	
Paving the new marginal street.....	387 50	17,091 81	
			\$472,927 02

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier at West One Hundred and Twenty-ninth Street.</i>			
Extension.....	\$11,654 46		\$68,297 33
<i>Pier at West One Hundred and Thirty-first Street.</i>			
Dredging.....		\$717 05	
Cobble foundation.....		17,437 42	
Pier proper.....		42,999 70	
Shed.....	87 24	87 24	61,241 41
<i>Pier at West One Hundred and Thirty-second Street.</i>			
Dredging.....		\$441 92	
Pier proper.....		16,010 85	
Extension.....		31,672 43	
Rebuilding part of.....		10,917 14	59,042 34
<i>Pier at West One Hundred and Thirty-third Street.</i>			
Pier proper.....		\$25,882 10	
Extension.....	686 49	47,816 44	73,698 54
<i>Pier at West One Hundred and Thirty-fourth Street.</i>			
Pier proper.....		\$24,819 44	
Extension.....	1,358 25	3,960 24	28,779 68
	\$18,460 52		\$763,986 32
<i>Water-front between West One Hundred and Thirty-fourth and West One Hundred and Fifty-fifth Streets.</i>			
Plans for improving.....	\$121 00		\$176 64
Crib bulkhead between West One Hundred and Thirty-fifth and West One Hundred and Thirty-seventh streets.....			29,736 06
	\$121 00		\$29,912 70
<i>Carmansville Section.</i>			
From the south side of West One Hundred and Fifty-fifth street to the north side of West One Hundred and Fifty-eighth street:			
Bulkhead wall, etc.....	\$42,442 18	\$161,160 85	
Paving the new marginal street.....	4,961 56	5,058 76	\$166,219 61

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPEN- DITURES, 1909 ONLY.	SUB- TOTALS.	TOTAL EXPENDITURES TO DATE.
Pier at West One Hundred and Fifty-seventh street	\$23,971 92	.....	\$23,971 92
Pier at West One Hundred and Fifty-eighth street (extension of).....			24,771 66
	\$71,375 66		\$214,963 19
<i>Water-front north of West One Hundred and Fifty-eighth Street.</i>			
Plans for pier at West One Hundred and Sixty-fifth street.....			\$19 08
Plans for improving vicinity of Dyckman street....			1,010 96
Plans for improvements between West Two Hundred and First and West Two Hundred and West Two Hundred and Fifteenth streets.....	\$509 11	.....	509 11
	\$509 11		\$1,539 15
<i>Whitehall Section.</i>			
From east side of the Staten Island Ferry to the lower end of the Broad Street Section. Action of March 22, 1906:			
Grading and paving the new marginal street.....	\$6,108 14	.....	\$9,927 15
<i>Broad Street Section.</i>			
From the lower side of Pier Old 4, East River, to the upper side of Pier New 7, East River:			
Bulkhead wall, etc.....		\$210,704 26	
Paving the new marginal street.....	\$1,424 10	12,123 17	\$222,827 43
<i>Pier No. 4, at Broad Street.</i>			
Removal of old work.....		\$8,001 86	
Dredging.....		16,747 46	
Rip-rap foundation.....		2,092 37	
Pier proper.....		55,341 31	
Shed.....		64,140 94	146,323 94
<i>Pier No. 5, at lower side of Coenties Slip.</i>			
Removal of old work.....		\$3,983 71	
Dredging.....		8,240 27	
Rip-rap foundation.....		1,003 72	
Pier proper.....		53,812 31	67,040 01

## Apportionment of Expenditures.

## CONSTRUCTION OF PIERS AND BULKHEADS—BOROUGH OF MANHATTAN.

	EXPENDITURES, 1909 ONLY.	SUB-TOTALS.	TOTAL EXPENDITURES TO DATE.
<i>Pier No. 6, at Jeannette Park.</i>			
Dredging.....		\$6,258 69	
Pier proper.....		30,789 54	
Extension.....		26,947 92	\$63,996 15
<i>Pier No. 7, at upper side of Coenties Slip.</i>			
Extending and widening.....			57,823 27
<i>Wharf Property Acquired.</i>			
Part of Pier, Old, 4, from Elbridge T. Gerry and others.....		\$90,150 24	
Part of Pier, New 7, from Stephen Decatur and others.....		172,445 21	262,595 45
	\$1,424 10		\$820,606 25
<i>Old Slip Section.</i>			
From upper end of the Broad Street Section to a point 32.43 feet west of Pier 13, or the lower end of the Maiden Lane Section. Action December 7, 1904:			
Bulkhead wall, etc.....	\$56 80	\$559,065 51	
Paving the new marginal street.....	1,401 67	10,972 09	\$570,037 60
<i>Pier No. 8, near Cuyler's Alley.</i>			
Removal of old work.....		\$7,303 72	
Dredging.....		22,178 71	
Plans and specifications.....		817 34	
Rip-rap foundation.....		1,932 42	
Pier proper.....		43,820 37	76,052 56
<i>Pier No. 9, at lower side of Old Slip.</i>			
Removal of old work.....		\$7,502 38	
Dredging.....		15,832 81	
Plans and specifications.....		947 77	
Rip-rap foundation.....		2,478 15	
Pier proper.....		49,046 52	75,807 63

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7220	West 97th St.....	Repairs to dumping board on south side, T. A. S. Sheridan Co.	Mar. 27, 1909	April 3, 1909	.....
7229	West 97th St.....	Removing old planks, etc., T. A. S. Sheridan.....	April 5, 1909	April 19, 1909	.....
7603	West 97th St.....	General repairs to runway and dumping board, T. A. S. Sheridan Co.....	July 22, 1909	Dec. 31, 1909	.....
7997	West 97th St.....	Inclosing runway on dump, T. A. S. Sheridan Co.....	Dec. 15, 1909	Dec. 17, 1909	.....
8022	West 110th St.....	Float and gangway and moor at Columbin College, Boat House.	Dec. 21, 1909	In progress..	.....
7698	West 110th-131st Sts.	Removal of structure, Thos. Stokes & Sons.....	Aug. 20, 1909	Aug. 21, 1909	.....
7033	West 129th St.....	Openings to make subway connections, Con. Tel. & El. Sub. Co.....	Sept. 25, 1909	Dec. 31, 1909	.....
7057	West 129th St.....	Repairs to transfer bridge, Albany Day Line.....	May 24, 1909	Dec. 31, 1909	.....
7213	West 129th St.....	Removing structures, Garrett May.....	Mar. 25, 1909	May 17, 1909	.....
7713	West 129th St.....	Construction of window, etc., E. E. Olcott.....	Sept. 2, 1909	Suspended Nov. 13, 1909	.....
7475	Between West 129th and 130th Sts.....	Placing float, Morris Isaacs.....	Revoked	Returned Oct. 15, 1909	.....
7889	West 129th and 130th Sts.....	Re-setting lamps, etc., United Electric Light & Power Co.....	Nov. 10, 1909	Nov. 13, 1909	.....
6802	West 130th St.....	Repairs to ferry house, Riverside & Fort Lee Ferry Co.....	Dec. 8, 1908	Jan. 8, 1909	.....
6975	West 130th St.....	General repairs to Ferry property, Riverside & Fort Lee Ferry Co.....	Jan. 9, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Painting ferry structure, Riverside & Fort Lee Ferry Co.....	July 6, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to rack, Riverside & Fort Lee Ferry Co.....	July 8, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to flooring in ferryhouse, Riverside & Fort Lee Ferry Co.	Oct. 11, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to steam pipe, Riverside & Fort Lee Ferry Co.....	Nov. 13, 1909	Dec. 31, 1909	.....
7739	West 130th St.....	Placing float, Hudson-Fulton Celebration, Riverside & Fort Lee Ferry Co.....	Sept. 20, 1909	Oct. 9, 1909	.....
7537	Between West 130th and 131st Sts.....	Repairing and painting structures, Weber-McLaughlin Co.....	July 9, 1909	Dec. 31, 1909	.....
7661	Between West 130th and 131st Sts.....	Extension to office structure, Weber-McLaughlin Co.....	Aug. 30, 1909	Oct. 30, 1909	.....
7533	West 131st St.....	Driving piles, N. Y. Excursion Co.	July 6, 1909	July 7, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7537	West 131st St.....	Repairing and painting coal structures, Weber-McLaughlin.	July 22, 1909	Dec. 31, 1909	.....
7537	West 131st St.....	Repairs to water pipes, Weber-McLaughlin.....	Oct. 11, 1909	Dec. 31, 1909	.....
7563	West 133d St.....	Repairs to water main, Burns Bros.....	Nov. 8, 1909	Nov. 9, 1909	.....
7490	Between West 133d and 134th Sts.....	Moving house, Burns Bros.....	June 30, 1909	Aug. 30, 1909	.....
7491	Between West 133d and 134th Sts.....	Repairs to coal pocket, Burns Bros.....	June 25, 1909	Dec. 31, 1909	.....
7197	So. West 134th St.....	Erection building, Burns Bros.....	April 13, 1909	In progress.....	.....
7491	West 134th St.....	Repairs to coal pockets, Burns Bros.....	July 13, 1909	Dec. 31, 1909	.....
7491	West 134th St.....	Opening pavement to repair pipe, Burns Bros.....	July 20, 1909	Dec. 31, 1909	.....
7615	West 134th St.....	Repairs to dumping board, Department Street Cleaning.....	July 27, 1909	Aug. 14, 1909	.....
7488	North of West 138th St.....	Moving of a small house, Colonial Yacht Club.....	July 26, 1909	July 31, 1909	.....
7784	West 138th St.....	Re-decking platform, Mrs. J. Schlenker.....	Sept. 24, 1909	Dec. 1, 1909	.....
7384	Between West 138th and 139th Sts.....	Removal of platform, Ryan-Parker Con. Co.....	Sept. 15, 1909	Suspended Sept. 19, 1909	.....
7793	Between West 138th and 140th Sts.....	Construction temporary board walk, Hudson-Fulton Celebration, Colonial Yacht Club.....	Sept. 24, 1909	Dec. 30, 1909	.....
7130	West 140th St.....	Erection of building, F. R. Welch.	Mar. 17, 1909	July 26, 1909	.....
7437	South of West 140th St.....	Construction of a porch around boathouse, Colonial Yacht Club	June 7, 1909	Aug. 22, 1909	.....
7733	West 140th and 141st Sts.....	Erecting stands and lockers, Colonial Yacht Club.....	Sept. 16, 1909	Dec. 24, 1909	.....
7454	West 141st St.....	Construction small extension, Home Boat Club.....	June 15, 1909	June 22, 1909	.....
7752	North of West 141st St	Erection of lockers, Home Boat Club.....	Oct. 5, 1909	In progress.....	.....
7264	West 142d St.....	Filling over sewer, Joseph Burns.	April 5, 1909	July 2, 1909	.....
7221	West 147th St.....	Erection and maintenance boat-house, New York Motor Boat Club.....	April 1, 1909	In progress.....	.....
7401	West 147th St.....	Erection small crib, lockers and fence on property occupied by the New York Motor Boat Club	May 28, 1909	Dec. 30, 1909	.....
7660	West 147th St.....	Extension, 6x10 feet, New York Motor Boat Club.....	Aug. 14, 1909	Aug. 22, 1909	.....
7908	West 147th St.....	Building one-story extension, New York Motor Boat Club.....	Nov. 17, 1909	In progress.....	.....



## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7183	West 152d St.....	Erection shd, Thos. E. Broadway.	Mar. 18, 1909	Dec. 28, 1909	.....
6957	Carmansville Section..	Placing filling at northerly end, etc., Canavan Bros.....	Mar. 13, 1909	In progress...	.....
7586	West 155th St.....	Removal of shanty, Mrs. Mary Wells.....	July 29, 1909	July 31, 1909	.....
7329	West 158th St.....	Placing filling rear of bulkhead wall, Canavan Bros. Co.....	June 8, 1909	In progress...	.....
7484	South of West 158th St.....	Removal Structures, Mrs. Wm. Ruth.....	June 30, 1909	July 3, 1909	.....
6948	West 165th St.....	Erection frame structure, Audubon Yacht Club.....	Feb. 2, 1909	July 3, 1909	.....
7869	West 165th St.....	Erection of ways, etc., John Dalton.....	Nov. 8, 1909	Dec. 1, 1909	.....
3312	West 167th St.....	Placing boathouse and float, Kniekerbocker Canoe Club.....	Superseded by B. O. 5086	Returned Feb. 15, 1909	.....
7227	West 167th St.....	Construction extension, Kniekerbocker Canoe Club.....	Mar. 31, 1909	Dec. 30, 1909	.....
7325	West 168th St.....	Placing runway and float, John Wagner.....	May 8, 1909	Dec. 31, 1909	.....
6885	West 170th St.....	Erection of boathouse, etc., Cobweb Yacht Club.....	Revoked.....	Returned Aug. 9, 1909	.....
7335	West 204th St.....	General repairs to boathouse, E. A. Hamilton.....	May 6, 1909	Dec. 31, 1910	.....
7855	West 204th St.....	Erection crib work around boathouse, Schmidt & Kramer.....	Nov. 1, 1909	In progress...	.....
6904	West 204th and 205th Sts.....	Placing of cribs, etc., Richard Cox.....	Dec. 18, 1908	In progress...	.....
7427	South of Dyckman St.	Replacing piles, John C. Koopman.....	June 3, 1909	June 7, 1909	.....
7678	North of Dyckman St.	Redriving piles, C. K. G. Billings.	Aug 18, 1909	Aug. 22, 1909	.....
6578	West 231st St.....	Landing dock. Along the Hudson Co.....	Aug. 29, 1908	May 29, 1909	.....
EAST RIVER.					
6851	Along the East River.	General Repairs, wharf property, D., L. & W. R.R.....	Mar. 1, 1909	Dec. 31, 1909	.....
6861	Along the East River.	General repairs, wharf property of Pa. R. R. Co.....			Expired by limitation, Dec. 31, 1909
6866	Along the East River.	General repairs, wharf property, E. R., N. Y. C. & H. R. R. R. Co.....	June 2, 1909	July 22, 1909	.....
6928	Along the East River.	General repairs, wharf property, E. R., Union Ferry Co., N. Y. & Bk.....	Jan. 2, 1909	Sept. 8, 1909	.....
6958	Along the East River.	General repairs, wharf property, E. & H. R., New England Nav. Co.....	Feb. 25, 1909	Oct. 18, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6998	Along the East River.	General repairs, wharf property, E. R., Lehigh Valley R. R. Co.	Mar. 11, 1909	Mar. 18, 1909	.....
7010	Along the East River.	General repairs, wharf property, E. & H. R. of Central R. R. of N. J.			Expired by limitation Dec. 31, 1909
7016	Wharf property, E. & H. R., Balt. & Ohio R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7033	Wharf property, E. & H. R., Con. Tel. & Elec. Sub. Co.	General repairs	Jan. 26, 1909	Dec. 6, 1909	.....
7040	Wharf property, E. R., Erie R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7041	Wharf property, E. R., N. Y., N. H. & H. R. R. Co.	General repairs	Jan. 2, 1909	Aug. 20, 1909	.....
7164	Wharf property, E. R., Long Island R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7489	Wharf property, E. R., Nassau Ferry Co.	General repairs			Expired by limitation Dec. 31, 1909
7594	N. Y., N. H. & H. R. R. Co., wharf property, E. R.	General repairs	July 20, 1909	Dec. 31, 1909	.....
6946	East and Harlem Rivers	Take up pavement, etc., Con. Gas Co.	Aug. 10, 1910	Sept. 10, 1909	.....
6976	East and Harlem Rivers	Repair car tracks, Third Ave. R. R. Co.			Expired by limitation Dec. 31, 1909
7411	East and Harlem Rivers	Repair car tracks, etc., Met. St. Ry. Co.	June 3, 1909	Dec. 31, 1909	.....
7003	Pavement, E. & H. R.	Take up, etc., Dept. W. S., G. & E			Expired by limitation Dec. 31, 1909
7104	Pier 4, E. R.	Open granite pavement, N. Y. C. & H. R. R. R. Co.	Feb. 23, 1909	Feb. 25, 1909	.....
7391	Pier 5, E. R.	Install telephone connection, Western States Line.	May 24, 1909	May 25, 1909	.....
7600	Pier New 5, E. R.	Replace old derrick, Western States Line.	Oct. 16, 1909	Oct. 19, 1909	.....
7694	Pier New 5, E. R.	Install telephone in tally house, Murray's Line.	Sept. 18, 1909	Sept. 18, 1909	.....
7519	Pier 6, E. R., South St. Bulkhead.	Replace with iron upright the wooden upright, N. Y. Tel. Co.	July 12, 1909	July 14, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6956	Approach Pier 8, E. R.	Water pipe repaired, Campania Trans.....	Feb. 18, 1909	Feb. 19, 1909	.....
7157	Approach Pier 8, E. R.	Water pipe repaired, Montauk Steamboat Co.....	Mar. 11, 1909	Mar. 13, 1909	.....
7801	Pier 10, E. R.....	Two doors in shed were changed, N. Y. & Balt. Trans. Co.....	Oct. 6, 1909	Oct. 13, 1909	.....
8011	Pier 12, E. R.....	Repairs to pier, War Department.	Dec. 16, 1909	Dec. 24, 1909	.....
7719	Pier New 14, E. R....	Opening pavement and repairs to water pipe, New York & Cuba Mail S. S. Co.....	Sept. 7, 1909	Sept. 18, 1909	.....
6588	Under Pier New 15, E. R.....	Sewer was constructed, Bureau of Sewers.....	Aug. 25, 1908	Feb. 3, 1909	.....
6074	Pier New 17, E. R....	Outer end repaired, Fulton Market Fish Mongers Association..	Dec. 18, 1909	In progress...	.....
7891	Between Piers 17 and 18, E. R.....	Concrete platform was raised, Fulton Fish Mongers' Association.....	Nov. 12, 1909	Nov. 18, 1909	.....
6838	Pier 18, E. R.....	Boiler house was erected, New York Wholesale Fish Dealers' Association.....	Dec. 19, 1908	Jan. 2, 1909	.....
7055	Pier New 18, E. R....	Boiler house maintained, Independent Wholesale Fish Dealers' Association.....	Mar. 11, 1909	Mar. 18, 1909	.....
7198	Pier New 18, E. R....	Pile cluster repairs, New York Wholesale Fish Dealers' Association.....	April 18, 1909	April 21, 1909	.....
7683	Easterly side of Pier New 18, E. R.....	Ice bridge erected, American Ice Co.....	Aug. 20, 1909	Aug. 27, 1909	.....
7284	Between Piers New 18 and 19, E. R.....	Float was placed, New York Wholesale Fish Dealers' Association.....	April 24, 1909	July 14, 1909	.....
7638	Foot of Beekman St., E. R.....	Repair water main, New York Wholesale Fish Dealers' Association.....	July 31, 1909	July 31, 1909	.....
7050	Pier New 19, E. R....	Heater and water pipe installed, Hartford & New York Trans. Co.....	Feb. 4, 1909	Mar. 18, 1909	.....
7671	Piers New 19 and 20, E. R.....	Repairs made to piers, Hartford & New York Trans. Co.....	Aug. 26, 1909	Dec. 31, 1909	.....
7071	Pier New 22, E. R., Brooklyn Bridge Pier.....	Repairs made to pier, Clyde Steamship Co.....	Mar. 16, 1909	Dec. 31, 1909	.....
7148	Pier New 22, E. R....	Opened pavement, water pipe laid, L. I. R. R. Co.....	Mar. 6, 1909	April 2, 1909	.....
6909	Piers New 22 and 25, E. R., and bulkhead between said piers..	Erected sheds, L. I. R. R. Co....	Mar. 9, 1909	In progress...	.....
7085	Ferry house foot of Roosevelt St., E. R.	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7120	Ft. Roosevelt St., E. R.	Removal of telephone Instrument, N. Y. Telephone Co. . . . .	Mar. 3, 1909	Mar. 3, 1909	.....
7379	Foot Roosevelt St., E. R. . . . .	Ferry house used for drilling purposes, Dept. of Street Cleaning.	May 26, 1909	June 2, 1909	.....
5770	Foot Oliver St., E. R. . . . .	Install high pressure, Dept. W. S., G. & E. . . . .	Nov. 21, 1907	April 22, 1909 Superseded by B. O. 7291	.....
7288	Pier 24 (New), E. R. . . . .	Remove pavement and place electric connection, Empire City Subway Co. . . . .	April 2, 1909	April 27, 1909	.....
7142	Pier New 27, E. R. . . . .	Removal of building on marginal street, Maine S. S. Co. . . . .	Mar. 29, 1909	Mar. 31, 1909	.....
6771	Pier Old 28, E. R. . . . .	Repair docking, Curtis-Blaisdell Co. . . . .	Nov. 7, 1908	Jan. 6, 1909	.....
7864	Pier New 28, E. R. . . . .	Repairs to water pipe, New England Nav. Co. . . . .	Oct. 27, 1909	Nov. 14, 1909	.....
7636	Approach to Pier New 28, E. R. . . . .	Opening of pavement, New England Nav. Co. . . . .	July 28, 1909	Aug. 26, 1909	.....
7147	Bulkhead between Piers New 30 and 31, E. R. . . . .	Erection of ice bridge, tally house, etc., Foster-Scott Ice Co. . . . .	No work, Order returned Mar. 31, 1909	.....	.....
7895	Approach to Pier New 31, E. R. . . . .	Repairs to croton water pipe, N. Y., N. H. & H. R. R. Co. . . . .	Nov. 18, 1909	Nov. 18, 1909	.....
7802	Approach Pier New 31, E. R. . . . .	Open pavement and repair pipes, N. Y., N. H. & H. R. R. Co. . . . .	Oct. 8, 1909	Oct. 11, 1909	.....
7712	Pier New 38, E. R. . . . .	Construction of oil house, N. Y., N. H. & H. R. R. Co. . . . .	Sept. 7, 1909	Sept. 20, 1909	.....
7105	Pier Foot of Clinton St., E. R. . . . .	Placing boring machine, etc., Board of Water Supply. . . . .	Feb. 24, 1909	Mar. 13, 1909	.....
7315	Approach to Pier Old 49, E. R. . . . .	Repairs to pavement and water pipe, N. Y., N. H. & H. R. R. Co. . . . .	May 5, 1909	May 14, 1909	.....
7028	Between Montgomery and Gouverneur Slip, E. R. . . . .	Construction of 3 piers, Nos. 39, 40 and 41, N. Y., N. H. & H. R. R. Co. . . . .	Oct. 25, 1909	In progress. . . . .	.....
7319	Pier Old 51, E. R. . . . .	Construction of temporary office, N. Y., N. H. & H. R. R. Co. . . . .	June 29, 1909	July 14, 1909	.....
7884	Pier Old 52, E. R. . . . .	Fencing off old crib bulkhead, Estate of Christian Bergh. . . . .	Nov. 4, 1909	Nov. 13, 1909	.....
7950	Crib bulkhead at Pier old 52, E. R. . . . .	Repairs to crib, Catherine Pryor.	Ordered re- turned, Dec. 24, 1909 Title having been vested in the city.	.....	.....

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7523	Pier Old 54, E. R.....	Removal of structure, John McDermott & Son.....	July 14, 1909	July 14, 1909	.....
7866	Jefferson Sec., E. R....	Placing earth-filling rear of the wall, John J. Fleming.....	Oct. 10, 1909	Dec. 11, 1909	.....
7689	Foot of Jackson St., E. R.....	Erection of temporary ice bridge, Peekskill Ice Co.....	Aug. 20, 1909	Aug. 24, 1909	.....
7085	Grand St. Ferry House	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....
7748	Corlear St., south of Front St.....	Driving fender piles along platform, Crane Co.....	Sept. 22, 1909	Sept. 28, 1909	.....
7322	Pier New 50, E. R., foot of Rivington St.	Erection of ice bridge on north side of pier, John A. McCarthy,	May 1, 1909	May 4, 1909	.....
7813	Pier New 51, E. R.....	Installation of 2 hydrants at the outer end, Dept. W. S., G. & E.	Nov. 30, 1909	Dec. 13, 1909	.....
7919	Pier Old 61, E. R.....	Placing of water hydrants, etc., at the outer end. Removed from Rivington St. Pier, Dept. W. S., G. & E.....	Nov. 9, 1909	Dec. 13, 1909	.....
7687	Pier New 52, E. R.....	Repairs to deck, etc., James Shewan & Son.....	Nov. 29, 1909	Dec. 20, 1909	.....
7685	Pier New 52, E. R.....	Repairs to decking, sheathing, etc., A. W. Welsh.....	Dec. 1, 1909	Dec. 17, 1909	.....
7493	Pier foot 4th St., E. R.	Repairs to pier, James Shewan & Sons.....	Order ret'ned July 12, 1909	Superseded by B. O. 7531	.....
7704	Bulkhead between 4th and 5th Sts., E. R....	Repairs to bulkhead, Estate of Betsy Ann Fay.....	Sept. 4, 1909	Sept. 13, 1909	.....
7495	Bulkhead between 5th and 6th Sts., E. R....	Repairs to bulkhead, Webb's Academy Home for Ship Builders...	June 23, 1909	July 9, 1909	.....
7970	Bulkhead between 6th and 7th Sts., and 7th St. Pier, E. R.....	Repairs to pier and bulkhead, Jas. Tregarthan & Co.....	Dec. 11, 1909	In progress...	.....
7522	Pier Foot of 9th St., E. R.....	Driving spring piles along the southerly side, John W. Sullivan Co.....	June 30, 1909	July 2, 1909	.....
7317	Pier Foot 11th St., E. R.....	General repairs to pier, New York Mutual Gas Light Co.....	April 28, 1909	May 28, 1909	.....
6100	Pier foot of 14th St., E. R.....	General repairs, Joseph Murray ..	Order returned June 10, 1909	Superseded by B. O. 7423	.....
7705	Foot of 20th St., E. R.	Remove pavement, repairs to water pipe and replace pavement, H. L. Herbert & Co.....	Aug. 23, 1909	Oct. 22, 1909	.....
6921	Pier foot of 21st St., E. R.....	Repairs to decking and sheathing, Con. Gas Co.....	Feb. 9, 1909	Mar. 8, 1909	.....
6922	Pier foot of 21st St., E. R.....	Repairs to decking, sheathing, etc., H. B. Turner Co.....	Feb. 20, 1909	Feb. 22, 1909	.....

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7614	Pier foot of 21st St., E. R.....	Repairs where damaged by the "Chester W. Chapin," New England S. S. Co.....	No work done	Superseded by B. O. 7716	.....
7930	Foot of 21st St., E. R.	Replacing suction pipe crossing marginal street, Con. Gas Co...	Dec. 6, 1909	In progress...	.....
7867	Between 21st and 22d Sts., E. R.....	Repairs to belt conveyer tunnel, Con. Gas Co.....	Nov. 1, 1909	Nov. 15, 1909	.....
6759	Foot of 23d St., E. R...	Repair ferry houses where dam- aged by fire, N. Y. Terminal Co.....	Nov. 17, 1908	Jan. 9, 1909	.....
7085	Foot of 23d St., E. R., ferry house.....	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....
6951	Pier foot of 24th St. E. R.....	Use upper portion of recreation Building for school room dur- ing winter months, Dept. of Education.....	Nov. 1, 1908	Feb. 18, 1909	.....
6735	Pier foot of 24th St., E. R.....	Installing and removing launch- ing device. Hunt Launching Device Co.....	Oct. 26, 1908	Jan. 7, 1909	.....
7565	Pier foot of 24th St., E. R.....	Driving spring piles along side of berth, N. Y. Excursion Co..	No work done	Order ret'ned Sept. 27, 1909	.....
7337	Between 25th and 26th Sts., E. R.....	Construction of an addition to office building, Candee, Smith & Howland Co.....	May 7, 1909	May 29, 1909	.....
5902	New Bellevue Section.	Place earth-filling at the south- erly end, rear of the wall, T. A. S. Sheridan Co.....	Mar. 30, 1908	Suspended Dec. 2, 1909	.....
7430	New Bellevue Section, E. R.....	Cutting off piles in binding frame. P. J. Carlin Con. Co.....	July 14, 1909	July 16, 1909	.....
7569	Foot of 29th St., E. R.	Placing earth-filling rear of wall. T. A. S. Sheridan Co.....	July 12, 1909	Suspended July 20, 1909	.....
6826	Pier foot of 29th St., E. R.....	Placing of coal hopper on wheels, Curtis-Blaisdell Co.....	Nov. 16, 1908	Jan. 2, 1909	.....
7466	Piers foot of 29th and 30th Sts. and be- tween 28th and 29th streets, E. R.....	Placing of guide boom derricks, P. J. Carlin Con. Co.....	July 14, 1909	Aug. 6, 1909	.....
3878	Between north side of pier at 33d St., E. R. and line of ferry rack of L. I. R. R. Co....	Construction of pile and timber stage, Pa., N. Y. & L. I. R. R. Co.....	Feb. 7, 1906	April 13, 1909	.....
7153	Foot of 33d St., E. R..	Removal of trestle and suction pipe, Pa., N. Y. & L. I. R. R..	Dec. 1, 1908	July 15, 1909	.....

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7474	Pier foot of 39th St., E. R.....	Cutting away of abutment, 40 feet inner end of pier, N. Y. Ed- ison Co.....	Nov. 14, 1909	In progress.....	
6677	Between 39th and 40th Sts., E. R.....	Erection of house overscreen wall, N. Y. Edison Co.....	Oct. 5, 1908	Mar. 1, 1909.....	
6739	Between 39th and 40th Sts., E. R.....	Construction of ash pit and pro- tecting structure, N. Y. Edison Co.....	Oct. 24, 1908	Aug. 13, 1909.....	
7806	Between 39th and 40th Sts., E. R.....	Construction of ash track sub- way, N. Y. Edison Co.....	Oct. 6, 1909	In progress.....	
7013	Between 40th and 41st Sts., E. R.....	Renew fender system and place backing log, N. Y. Edison Co....	Jan. 11, 1909	Jan. 19, 1909.....	
7741	Between 41st and 42d Sts., E. R.....	Erection of fence, Amsterdam Gas Co.....	Nov. 20, 1909	Nov. 20, 1909.....	
7338	Foot of 42d St., E. R.	Repairs to ferry house where damaged by trolley car, 42d St., Manhattanville & St. Nicholas Ave. R. R. Co.....	June 1, 1909	June 25, 1909.....	
7085	42d St. Ferry House...	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909.....	
7067	South of 52d St., E. R.	Construction of ice run, American Ice Co.....	Dec. 2, 1908	Dec. 2, 1908.....	
7354	Bulkhead between 52d and 53d Sts., E. R..	General repairs, Mendelsohn Bros.	May 6, 1909	June 5, 1909.....	
7888	Bulkhead between 54th and 55th Sts., N. R..	General repairs, Consumers' Brew- ing Co.....	Nov. 11, 1909	Dec. 14, 1909.....	
7394	Pier foot of 60th St., E. R.....	Repairs to decking, etc., Bouker Contracting Co.....	Dec. 14, 1909	Dec. 30, 1909.....	
8002	Pier foot of 60th St., St., E. R.....	Repairs to runway and dump, Bouker Cont'g Co.....	Dec. 20, 1909	Dec. 31, 1909.....	
7012	South of 63d St., E. R.	Erect coal handling appliance, Marina Coal Co.....	Jan. 11, 1909	Feb. 5, 1909.....	
6930	Bulkhead south of 63d St., E. R.....	General repairs, Marina Coal Co.	Dec. 27, 1908	Feb. 8, 1909.....	
7447	Platform south of 63d St., E. R.....	Installation of 5 horsepower mo- tor, Marina Coal Co.....	June 4, 1909	June 8, 1909.....	
7334	Platform foot of 63d St., E. R.....	Placing of ice run and wooden derrick, Marina Coal Co.....	May 14, 1909	May 25, 1909.....	
6571	Between 65th and 66th Sts., E. R.....	Placing two sewers, York and Sawyer for Rockefeller Ins. Med. Res.....	Superseded by B. O. 7149	Order ret'ned Mar. 31, 1909.....	
7237	Foot of 68th St., E. R.	Placed riprap to support main, Dept. W. S., G. & E.....	April 5, 1909	June 14, 1909.....	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7066	Foot of 70th St., E. R.	Placing of suction pipe, Hygeia Ice Co.....	April 8, 1909	June 11, 1909	.....
5637	Bulkhead foot of 74th St., E. R.....	Placed temporary mooring post, Interborough R. T. Co.....	No work done	Order ret'ned Feb. 16, 1909	.....
5647	Between 77th and 79th Sts., E. R.....	Placing earth-filling rear of the wall, Crimmins Co.....	Oct. 19, 1907	May 26, 1909	.....
6691	Foot 78th St., E. R....	Occupation of berth, maintain scales, etc., A. J. Foreman.....	Jan. 6, 1909	April 5, 1909	.....
6973	Foot 78th St., E. R....	Tapping main, Dept. W. S., G. & E., for A. J. Foreman.....	Mar. 27, 1909	April 1, 1909	.....
6688	Foot 89th St., E. R....	Erection of life saving station, U. S. Life Saving Corps. No work under this order.....	Superseded by B. O. 7323	Order ret'ned June 30, 1909	.....
7323	Foot of 89th St., E. R.	Enlarging life saving station, U. S. Vol. Life Saving Corps.....	June 16, 1909	June 24, 1909	.....
6576	Pier foot of 91st St., E. R.....	Erection of small waiting room on north side of pier, Dept. Pub. Charities.....	Superseded by B. O. 7064	Order ret'ned July 31, 1909	.....
7064	Pier foot 91st St., E. R.	Erection of waiting room on north side of pier, Dept. of Pub. Charities.....	Superseded by B. O. 7643	Order ret'ned July 31, 1909	.....
7643	Pier foot 91st st., E. R.	Erection of small waiting room, at outer end on the south side, Dept. Pub. Charities.....	July 14, 1909	Oct. 18, 1909	.....
7151	Bhd. foot of 93d St., E. R.....	General repairs, N. Y. Submarine Con. Co., for Geo. Ehret.....	Mar. 3, 1909	Mar. 9, 1909	.....
6790	Pier foot of 94th St., E. R.....	General repairs to north half of pier. Hencken & Willenbrock Co.....	Nov. 27, 1908	April 27, 1909	.....
7482	Pier foot of 96th St., E. R.....	Placing of public bath, Com. of Pub. Works.....	July 20, 1909	Oct. 16, 1909	.....
7515	Between 99th and 100th Sts. and between 101st and 102d Sts., H. R.....	Laying of street mains, Dept. W. S., G. & E.....	Superseded by B. O. 7567	Order ret'ned July 31, 1909	.....
7567	Between 99th and 100th Sts. and between 101st and 104th Sts., H. R....	Laying of water mains, Dept. W. S., G. & E.....	June 28, 1909	Oct. 6, 1909	.....
6867	Waterfront, H. R.....	General repairs, N. Y. C. R. & R. Co.....	Expired Dec. 31, 1909	.....	.....
7364	Waterfront, H. R.....	Placing baths, Com. Pub. Works.	June 25, 1909	Oct. 25, 1909	.....
7152	North side of 101st St., H. R.....	The occupation of about 5850 square feet of upland, Diechmann & Co.....	Feb. 20, 1909	Mar. 12, 1909	.....



## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
3821	Bulkhead between 104th and 105th Sts., H. R.....	Repairs to shed, E. R. Feed Co...	Superseded by B. O. 3909	Order was returned	.....
3909	Between 104th and 105th Sts., H. R....	Remove frame building, E. R. Feed Co.....	Superseded by B. O. 3821	Not commenced	.....
[ 7225	Pier foot 112th St., H. R.....	Repairs to north half, Henry L. Joyce.....	May 8, 1909	May 13, 1909	.....
7234	Pier foot 112th St., H. R.....	Repairs to north side of pier where damaged, N. Y., N. H. & H. R. R. Co., Henry L. Joyce, Lessee.....	May 26, 1909	June 25, 1909	.....
7544	Pier Foot 112th St., H. R.....	Placing of portable house on wheels, Henry L. Joyce.....	July 8, 1909	July 8, 1909	.....
7886	Pier foot of 112th St., H. R.....	Maintain automatic tide gauge, Engrs. War Dept.....	Nov. 9, 1909	In progress...	.....
7818]	Foot of 118th St., H. R.	Piercing the bulkhead, Man. Com. of Pub. Works.....	Nov. 28, 1909	In progress...	.....
[ 7486	Pier foot 119th St., H. R.....	Placing of water main under pier, Dept. W. S., G. & E.....	May 22, 1909	July 28, 1909	.....
7724	Between 119th and 120th Sts., H. R....	General repairs to bulkhead north side, Curtis-Blaisdell Co.	Aug. 24, 1909	Sept. 9, 1909	.....
7042	From 124th to 123d Sts., H. R.....	Transferring boat house, E. S. Democratic Club.....	Feb. 8, 1909	April 21, 1909	.....
7599	Foot of 124th St., H. R.	Construction of crib and shed, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned Oct. 28, 1909	.....
7408	Foot of 124th St., H. R.	Construction of platform and shed, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned June 9, 1909	.....
7613	Foot of 124th St., H. R.	Construction of cribs and buildings, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned Oct. 28, 1909	.....
7144	Near foot of 124th St., H. R.....	Construction of platform and shed, Lehigh Valley R. R. Co...	June 15, 1909	Oct. 2, 1909	.....
[ 6931	Foot of 127th St., H. R., immediately west of line of First Avenue.....	Repairs to bulkhead, Estate of P. D. Ingrahm.....	.....	Order ret'ned May 12, 1909	.....
[ 6836	Foot of 2d Avenue and 129th St., Man.....	Repairs to decking and fender system of platform, Interborough R. T. Co.....	Dec. 3, 1908	Jan. 8, 1909	.....
6610	East 131st and 132d Sts., H. R.....	Subway and two manholes on marginal street, Empire City Subway Co., Ltd.....	Sept. 8, 1908	April 13, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6689	Lexington Avenue and 132d St., H. R., to 3d Avenue.....	Laying 25 5-inch C. I. pipes, Empire City Subway Co., Ltd.....	Mar. 17, 1909	April 13, 1909	On Manhattan side only
2340	Foot East 132d St., H. R.....	Construction of building, Fire Dept.....	Oct. 12, 1904	Feb. 11, 1909	.....
6642	132d St. and Lexington Ave., Man.....	Laying cast iron pipes, Empire City Subway Co.....	April 5, 1908	July 19, 1909	.....
7426	132d St. and Lexington Avenue, H. R....	Laying water main, Hanover Cont. Co.....	April 27, 1909	Aug. 18, 1909	.....
7005	Foot of 134th St., H. R.....	Erection of ice bridge, tally house, etc., Foster-Scott Ice Co.....	Order ret'ned Feb. 2, 1909		.....
7931	Foot of 136th St., H. R.....	Repairs to coal pockets, Sperry & Popham Coal Co., Ltd.....	Dec. 4, 1909	In progress...	.....
7271	Foot of Lexington Avenue, H. R.....	Repairs to ice bridge, Martin J. Kane.....	April 5, 1909	April 16, 1909	.....
7833	Foot Lexington Avenue, H. R.....	Replacing abutment 12 piles in runway, Harlem River Tow Boat Co.....	Oct. 28, 1909	Oct. 28, 1909	.....
7328	Foot of 2d Avenue, H. R.....	Repairs to pavement and manhole, N. Y. Edison Co.....	May 10, 1909	June 18, 1909	.....
7215	Foot 139th St., H. R....	Repairs to dumping board, Dept. Street Cleaning.....	Mar. 26, 1909	April 2, 1909	.....
6835	West 148th St., H. R....	Cluster of 5 piles, Interborough R. T. Co.....	Jan. 14, 1909	Jan. 15, 1909	.....
7124	151st St., H. R.....	Frame shed, Raferty Bros.....	Mar. 5, 1909	Aug. 1, 1909	.....
7723	Foot 156th St., H. R....	Piercing bulkhead and placing sewer pipe, Bureau of Sewers..	Sept. 6, 1909	Oct. 20, 1909	.....
3559	159th St. to Speedway, H. R.....	Improvement of waterfront, Interborough R. T. Co.....	Sept. 1, 1905	Substantially completed and ordered returned, Dec. 31, 1909	.....
7744	West 177th St., H. R....	Reinforced concrete wall and pile platform, Bronx Coal Co.....	Oct. 1, 1909	In progress...	.....
7902	West 177th St., H. R....	Coal pocket and trestle, Bronx Coal Co.....	Oct. 4, 1909	In progress...	.....
7595	West 171st St., H. R....	Repairs to deck of platform, Ogden Estate Co.....	Nov. 15, 1909	Dec. 2, 1909	.....
7041	Borough of the Bronx.	General repairs, N. Y., N. H. & H. R. R. Co.....	Expired Dec. 31, 1909		.....
6737	East 150th St.....	Coal pocket, Cramer & Meyer Co.	Oct. 15, 1908	Mar. 4, 1909	.....
6955	East 150th St.....	Coal car trestle, Cramer & Meyer Co.....	Nov. 18, 1908	Jan. 1, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7652	150th St., 233 feet north of.....	Coal pocket and trestle, H. G. Street.....	Aug. 20, 1909	Nov. 11, 1909	.....
S. O. 16322	Girard Avenue and 138th St.....	Dump ashes, etc., Jordan L. Mott	June 16, 1896	Feb. 10, 1909	.....
7005	East 134th St., E. R....	Ice bridge, scales, etc., Foster-Scott Ice Co.....	Superseded by B. O. 7049	.....	.....
7049	East 134th St., E. R....	Ice bridge, scales, etc., Foster-Scott Ice Co.....	Feb. 15, 1909	Mar. 12, 1909	.....
7419	East 134th St., E. R....	Runway, Osear Johnson.....	June 5, 1909	June 15, 1909	.....
6914	East 138th St., E. R....	Dumping board and approach, N. Y. Sanitary Utilization Co.....	Mar. 10, 1909	April 3, 1909	.....
6707	Walnut Avenue and 138th St.....	Mooring cribs, N. Y., N. H. & H. R. R. Co.....	Oct. 28, 1908	Suspended Aug. 1909	.....
5564	Cabot St., 100 feet West of.....	12 steel transfer bridges, N. Y., N. H. & H. R. R. Co.....	Oct. 2, 1907	In progress.....	.....
4049	Dupont St. to Tiffany St.....	Bulkheads, Oak Point Land & Dock Co.....	May 3, 1906	In progress.....	.....
5813	Truxton to Tiffany Sts.	Platform, Oak Point Land & Dock Co.....	June 25, 1908	In progress.....	.....
7097	Hunts Point Road.....	House, U. S. Vol. Sav. Corps.....	June 10, 1909	Superseded by B. O. 7571	.....
6806	Garrison Avenue.....	Coal pocket and hoisting plant, McConnell & Co.....	Aug. 1, 1908	Suspended	.....
7835	174th St. and Bronx River.....	Pile platform and bulkhead, Heintz & Siegel.....	Dec. 22, 1909	In progress.....	.....
7026	3d to 4th Sts., Westchester Creek.....	Filling inshore of a line 100 feet from bulkhead, Geo. J. Kuhne	Feb. 23, 1909	Suspended	.....
7456	177th St. and Chatterdon Avenue, Westchester Creek.....	Coal pocket, Thomas R. Thorne..	June 15, 1909	In progress.....	.....
7622	Bowne St., Westchester Creek.....	Platform, E. S. Prince Co.....	Oct. 4, 1909	In progress.....	.....
7195	Layton Avenue.....	Boathouse, White Cross Fishing Club.....	June 18, 1909	July 1, 1909	.....
7892	Layton Avenue.....	Boathouse, Klondyke Boat Club.	Nov. 17, 1909	In progress.....	.....
6770	Givans Creek, Baychester.....	Dredging and building a temporary dock, Jno. C. Rodgers, Jr..	Nov. 20, 1908	Suspended Jan., 1909	.....
7360	North of Fordham Road.....	Boat house, U. S. Vol. Life Saving Corps.....	May 22, 1909	Abt. Sept. 15, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
ISLANDS.					
6721	North Brothers Island.....	Place filling rear of wall, Health Dept.....	Nov. 16, 1908	Dec. 31, 1909	.....
6742	Rikers Island.....	Construction of 2 platforms, Dept. of Street Cleaning.....	Dec. 7, 1908	Feb. 18, 1909	.....
E. O. 8254	Rikers Island.....	Building rip-rap embankment, Roger L. Young.....	Sept. 9, 1908	July 22, 1909	.....
6580	Franklin St., City Island.....	Runway, Benj. F. Wood.....	Aug. 14, 1908	Oct. 20, 1909	.....
6670	City Island Avenue, City Island.....	Change of house location, A. L. Thwaite.....	Aug. 7, 1908	Mar. 1, 1909	.....
6807	City Island Avenue, City Island.....	Moving building outshore, James J. Feely.....	Dec. 1, 1908	Suspended	
6843	Platform, foot of Main St., City Island, Bronx.....	Repairs to fender piles and sheathing, Thomas B. Watson.	Order ret'ned June 24, 1909	Superseded by B. O. 7472	.....
6886	City Island Avenue, City Island.....	Moving building outshore, Louisa L. Pell.....	Sept. 29, 1908	Suspended	.....
7030	City Island Avenue, City Avenue.....	Moving building outshore, Jno. P. Kelly.....	Jan. 22, 1909	Mar. 31, 1909	.....
7128	Minneaford Avenue, City Island.....	Runway, Joseph C. Dixon.....	Mar. 5, 1909	Mar. 25, 1909	.....
7285	Fordham St., City Island.....	Waiting room, Watson Cont. Co.	May 2, 1909	In Progress...	.....
7387	Bowne St., City Island	Runway, Mrs. Rose F. Gerstle...	June 10, 1909	June 20, 1909	.....
7717	Pilot St., City Island..	Repairs to breakwater, Robert Jacobs.....	Oct. 12, 1909	Dec. 7, 1909	.....
BROOKLYN.					
6862	Borough of Brooklyn..	General repairs, P. R. R. Co.....		Expired Dec. 31, 1909	.....
6907	Borough of Brooklyn..	General repairs and dredging, N. Y. Dock Co.....		Expired Dec. 31, 1909	.....
6928	Borough of Brooklyn..	Repairs, Union Ferry Co.....		Expired Dec. 31, 1909	.....
7040	Borough of Brooklyn..	General repairs, Erie R. R. Co....		Expired Dec. 31, 1909	.....
7489	Borough of Brooklyn..	General repairs, Nassau Ferry Co.		Expired Dec. 31, 1909	.....
7612	Stagg St., East of Morgan Avenue, English Kills.....	Coal tower, pocket and trestle, Mary S. Baker.....	July 21, 1909	Oct. 20, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7675	Montrose Avenue, Newtown Creek.....	Repairs to bulkhead, Vandervoort Realty Co.....	Aug. 8, 1909	Aug. 17, 1909	.....
7562	South of Grand St., Newtown Creek.....	Repairs to bulkhead, Theo. R. Chapman.....	July 10, 1909	July 20, 1909	.....
7313	Gardner Avenue, New- town Creek.....	Rebuilding of bulkhead, Chap- man Docks Co.....	April 22, 1909	May 19, 1909	.....
6760	Apollo St., Newtown Creek.....	Approach and dumping board, Borough Const. Co.....	Dec. 1, 1908	Feb. 8, 1909	.....
7497	Apollo and Pollock Sts., Newtown Creek.....	Crib and shed, Borough Develop- ment Co.....	July 10, 1909	Nov. 30, 1909	.....
7048	Vandervoort Avenue, Newtown Creek.....	Frame grinding building, Ameri- can Novelty & Manuf. Co.....	Feb. 20, 1909	April 17, 1909	.....
7159	Leyden St., Newtown Creek.....	Repairs to bulkhead and fender system, Standard Oil Co.....	Mar. 26, 1909	April 6, 1909	.....
6556	Freeman Street.....	Repairs to pier, Lowell M. Palmer	Feb. 23, 1909	Mar. 10, 1909	.....
7817	Freeman St., E. R.....	Repairs to pier, Lowell M. Palmer	Oct. 4, 1909	Dec. 16, 1909	.....
6874	Green St.....	Remove existing pier and con- struct new pier, N. Y. Tanning Co.....	Dec. 28, 1908	April 24, 1909	.....
7279	Noble St.....	Place floating bath, Comm. of Pub. Works.....	Placed June 16, 1909		.....
7644	Noble St.....	Waiting room, Dept. Pub. Char..	Aug. 31, 1909	Oct. 28, 1909	.....
7596	North 11th Street and North 12th St.....	Repairs to fender system on pier, Brooklyn Gas Co.....	July 19, 1909	Aug. 12, 1909	.....
7910	North 10th St. and North 11th St.....	Repairs to bulkhead and piers, Standard Oil Co.....	Nov. 23, 1909	Dec. 20, 1909	.....
7668	North 9th and North 10th St.....	Strengthening foundation for transfer bridge, Eastern Brook- lyn Dist. Terminal.....	June 10, 1909	June 11, 1909	.....
6924	North 2d St.....	Repairs, L. I. R. R. Co.....	Jan. 12, 1909	Jan. 12, 1909	.....
7431	North 2d St.....	Repairs to outer end, Reicher Towing Co.....	June 26, 1909	June 26, 1909	.....
8024	North 2d St.....	Installing attachment for tele- phone to hospital ship, Susque- hanna & N. Y. Telephone Co...	Dec. 23, 1909	In progress...	.....
8039	North 2d St.....	Installing a water pipe, Comm. on Prev. of Tuberculosis.....	Dec. 21, 1909	Dec. 28, 1909	.....
8027	Metropolitan Avenue..	Sheetpile bulkhead, Ezra B. Tut- tle.....	Dec. 10, 1909	In progress...	.....
7961	Metropolitan Avenue..	Sheetpile bulkhead, Ezra B. Tut- tle.....	Superseded by B. O. 80-7		.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7400	South 1st and South 2d Sts.....	Additions and alterations to structures, American Sugar Refining Co.....	June 15, 1909	In progress.....	
7332	South 1st, South 2d and South 3d Sts....	Repairs to pier and bulkhead, American Sugar Refining Co....	May 20, 1909	Sept. 5, 1909.....	
7861	South 2d and South 3d Sts.....	Steel trestles, American Sugar Refining Co.....	Nov. 11, 1909	In progress.....	
6868	South 5th St.....	Dumping board, Borough Const. Co.....	Dec. 1, 1908	Jan. 16, 1909.....	
7945	South 6th St.....	Replacing fence, N. Y. Terminal Co.....	Dec. 16, 1909	Dec. 18, 1909.....	
7171	Lemon St., Wallabout.	Removal of dump from Lemon St. to outer end of Clinton Avenue Ext., Department of Street Cleaning.....	Oct. 29, 1909	Nov. 3, 1909.....	
7876	Washington Avenue, Wallabout.....	Opening of pavement and repairs to subway, Edison Electric Illum. Co.....	Nov. 30, 1909	Nov. 30, 1909.....	
6870	Clinton Avenue.....	Dumping board, Borough Const. Co.....	Dec. 16, 1908	Jan. 8, 1909.....	
7039	Clinton Avenue.....	Office and fence, Borough Const. Co.....	Mar. 18, 1909	Mar. 30, 1909.....	
7243	Rodney St., Wallabout	Coal hoist and scales and occupation of 125 feet of Bulkhead, Albert H. Dollard.....	May 26, 1909	June 19, 1909.....	
7243	Rodney St., Wallabout.....	Occupation of 125 feet of bulkhead, Albert H. Dollard.....		Expired April 30, 1909.....	
7946	Rodney St., Wallabout.....	Placing a boiler, Albert H. Dollard.....	Dec. 11, 1909	Dec. 22, 1909.....	
7480	Wallabout Canal.....	Tally house, Albert H. Dollard.....	June 24, 1909	June 26, 1909.....	
7321	Keap St., Wallabout..	Repairs to crib bulkhead, Andrew Beard.....	April 26, 1909	May 15, 1909.....	
7534	Rodney St., Wallabout.....	Repairs to bulkhead, Seranton & Lehigh Coal Co.....	July 19, 1909	July 30, 1909.....	
6954	Cross St., Wallabout..	Ash pocket and extension to platform, Brooklyn Union Gas Co..	April 1, 1909	Aug. 14, 1909.....	
7709	Hudson Avenue.....	Extension to pier and shed extension, National Lead Co.....	Aug. 27, 1909	Oct. 23, 1909.....	
7655	Hudson Avenue and Gold street.....	Platform, National Lead Co.....	Oct. 25, 1909	Dec. 27, 1909.....	
7887	Gold St. and Hudson Avenue.....	Steel coal tower and bridge, National Lead Co.....	Nov. 16, 1909	In progress.....	
6819	Gold St.....	Sewer Outlet, Bureau of Sewers..	Nov. 1, 1908	Aug. 1, 1909.....	
6869	Fulton Ferry.....	Dumping board, Borough Const. Co.....	Dec. 12, 1908	Jan. 15, 1909.....	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7845	Montague St.....	Widening existing and constructing new pier, New York Dock Dock Co.....	Oct. 25, 1909	In progress...	.....
6825	Joralemon to Irving Sts.....	Extensions to piers 19 to 30, New York Dock Co.....	Nov. 1, 1908	July 15, 1909	.....
6821	Harrison and Baltic Sts.....	Dumping Board, Borough Development Co.....	Nov. 30, 1908	Jan. 20, 1909	.....
7135	Dwight and Otsego Sts.....	Air compressor house, John N. Robbins Co.....	Dec. 15, 1908	Jan. 20, 1909	.....
7452	Halleck, Columbia and Otsego Sts.....	Filling, Trustees of Estate of Wm. Beard.....	May 5, 1909	In progress...	.....
7665	Otsego and Dwight Sts.....	Alterations to electric pumping station, John M. Robbins.....	Aug. 10, 1909	Dec. 20, 1909	.....
7223	Erie Basin.....	Repairs, Wm. Beard Estate.....	.....	Expired Dec. 31, 1909	.....
7467	Erie Basin Breakwater	Two buildings, Union Sulphur Co.	May 1, 1909	Aug. 7, 1909	.....
4552	Douglas St.....	Constructing Gowanus flushing tunnel, John Pierce Co.....	Sept. 9, 1907	April 10, 1909	.....
7535	Douglas and Degraw Sts., Gowanus.....	Repairs to bulkhead, Scranton-Lehigh Coal Co.....	July 1, 1909	July 12, 1909	.....
7156	Gowanus Canal, north of Union St.....	Frame shed, John F. Schmadeke..	Mar. 9, 1909	Mar. 20, 1909	.....
6785	Pier No. 52, Erie Basin	Pier and floating dry dock, Jno. M. Robbins Co.....	Oct. 16, 1908	Jan. 26, 1909	.....
7241	3d and 4th Sts., Gowanus Canal.....	Removal of building, Louis C. Alsgood.....	April 1, 1909	May 7, 1909	.....
7796	3d St., Gowanus Canal	Repairs to crib bulkhead, John F. Schmadeke.....	Sept. 25, 1909	Oct. 1, 1909	.....
7829	4th St. and 3d Avenue, Gowanus.....	Coal hopper, pocket, etc., Bklyn. Imp. Co., owner, Powell & Titus, occupants.....	Oct. 29, 1909	Dec. 18, 1909	.....
7745	4th and 5th Sts., Gowanus.....	Repairs to bulkhead, Bklyn. Imp. Co.....	Sept. 3, 1909	Sept. 17, 1909	.....
6992	5th St., Gowanus.....	Repairs to bulkhead, Jno. J. Hill Estate.....	Jan. 11, 1909	Jan. 22, 1909	.....
7021	5th St. to Bond St., Gowanus.....	Repairs to bulkhead, Bklyn. Imp. Co.....	Jan. 16, 1909	Jan. 22, 1909	.....
7022	5th St. to Bond St., Gowanus.....	Repairs to bulkhead, Woods Estate.....	Jan. 15, 1909	Jan. 21, 1909	.....
7852	Bond St., Gowanus....	Repairs to crib bulkhead, Leonard Michel Brewing Co.....	Oct. 23, 1909	Dec. 10, 1909	.....
7479	6th St. Basin.....	Two ash receiving sheds, Borough Devel. Co.....	July 20, 1909	Nov. 12, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7435	6th St. Basin.....	Frame shelter, Bklyn. Imp. Co...	May 15, 1909	Aug. 1, 1909	.....
7087	6th St., Gowanus.....	Extension to dumping board, P. F. & W. A. Kane.....	Feb. 15, 1909	Feb. 24, 1909	.....
6749	6th St. Basin, Gowanus	Approach to dumping board, Bor. Const. Co.....	Dec. 1, 1908	Jan. 16, 1909	.....
7035	Huntington St., Gowanus.....	Cement shed and fence, N. Ryan Co.....	Jan. 15, 1909	Feb. 17, 1909	.....
7160	Huntington St., Gowanus.....	Open shed, N. Ryan Co.....	Mar. 11, 1909	April 14, 1909	.....
7245	Huntington St., Gowanus.....	Fence, Jas. Lanigan.....	Mar. 15, 1909	April 15, 1909	.....
7117	7th St., Gowanus.....	Covered dumpboard, Borough Const. Co.....	Mar. 22, 1909	May 7, 1909	.....
7244	9th St., Gowanus.....	Coal bin and railway, Coney Isl. & Bklyn. R. R. Co.....	Mar. 15, 1909	April 19, 1909	.....
7308	Creamer to Sigourney Sts., Gowanus.....	Repairs to fender system, Estate of S. W. Bowne.....	April 30, 1909	May 11, 1909	.....
7458	23d St.....	Platform on piles, Tebo Yacht Club.....	June 20, 1909	Suspended	.....
6852	25th to 27th Sts.....	General repairs, D., L. & W. R. R. Co.....		Expired Dec. 31, 1909	.....
7118	27th St.....	Construction Dumpboard, Borough Devel. Co.....	Mar. 2, 1909	May 7, 1909	.....
7498	27th St.....	Shed, Borough Devel. Co.....	June 5, 1909	June 29, 1909	.....
7631	33d St.....	Construction of intake pipe by Bush Terminal Co.....	Nov. 11, 1909	Discontinued, Nov. 13, 1909	.....
7690	34th St.....	Removal of boathouse by John Maloney.....	Sept. 16, 1909	Oct. 10, 1909	.....
7691	34th St.....	Removal of boathouse by Louis Eysel and John Lund.....	Sept. 16, 1909	Oct. 10, 1909	.....
7273	36th St.....	Extension inshore of bulkhead at market site by President of Borough of Brooklyn.....	Dec. 24, 1909	In progress...	.....
7504	36th St.....	Dumping of cellar dirt in the vicinity, by Barth. S. Cronin.....	June 28, 1909	In progress...	.....
5624 and 6447	39th St.....	Extension of sewer by Johns-Manville Co.....		Jan. 15, 1909	.....
6950	39th St.....	Placing tally house by Borough Const. Co.....	Jan. 10, 1909	Mar. 31, 1909	.....
S. O. 21424	43d to 51st Sts.....	Construction of five new piers, Bush Co., Ltd.....	June 9, 1901	Oct. 30, 1909	.....
7797 and 7865	51st St.....	Placing two transfer bridges and rack, by Bush Terminal Co.....	Oct. 26, 1909	In progress...	.....



## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7904	51st St. ....	Erection of timber coal pocket, by Commercial Coal Co. ....	Nov. 16, 1909	In progress..	.....
7576	51st and 52d Sts. ....	Two gasoline motors on berth, American Ice Co. ....	July 14, 1909	July 16, 1909	.....
7274	59 to 60th Sts. ....	Runway and house, Excelsior Yacht Club. ....	April 22, 1909	June 21, 1909	.....
7092	60th St. ....	Filling, grading, erecting fence, etc., by Excelsior Yacht Club..	Feb. 20, 1909	In progress..	.....
7854	60th St. ....	Erection of boat house by American Model Yacht Club. ....	Nov. 1, 1909	In progress..	.....
5913	64th to 65th Sts. ....	Bulkhead and rack, L. I. R. R. Co. ....	May 10, 1908	June 5, 1909	.....
5913	64th to 65th Sts. ....	Bulkhead and rack, L. I. R. R. Co. ....	May 10, 1908	Suspended	.....
7307	Bay 17th St. ....	Repairs to pier, N. Y. Children's Aid Society. ....	May 17, 1909	June 21, 1909	.....
7428	22d Avenue. ....	Platform and runway, Brooklyn Yacht Club Realty Co. ....	May 20, 1909	June 10, 1909	.....
7226	22d Avenue. ....	Walk and platform, Brooklyn Yacht & Realty Co. ....	Mar. 30, 1909	May 22, 1909	.....
6555	24th Avenue, Gravesend Bay. ....	Bulkhead and filling, Cropsey & Mitchell. ....	July 10, 1906	Suspended	.....
7305	25th Avenue. ....	Repairs to bulkhead, William Ulmer. ....	April 20, 1909	May 10, 1909	.....
7361	Hubbard St. ....	31 fender piles, C. E. Robertson and E. M. Verity. ....	April 30, 1909	May 15, 1909	.....
5906	Bay 49th St. to Gravesend Ship Canal. ....	Filling in, Harway Imp. Co. ....	Aug. 20, 1908	In progress..	.....
6969	Shell Road, Coney Island Creek. ....	Repairs to bulkhead, Climax Coal Co. ....	Jan. 6, 1909	Mar. 1, 1909	.....
7754	Canal Avenue, between West 35th and 36th Sts., Coney Island Creek. ....	Sheet pile bulkhead and filling, Somerville & Somerville. ....	Sept. 29, 1909	In progress..	.....
7568	20th and 21st Sts., Coney Island Creek	Repairs to bulkhead, Desmond-Dunne Co. ....	July 1, 1909	July 19, 1909	.....
7881	West 18th St., Coney Island Creek. ....	Repairs to existing bulkhead, Construction Material & Coal Co. ....	Nov. 15, 1909	In progress..	.....
7382	Brighton Pier, Coney Island. ....	Repairs to dock at shore end, Brighton Pier & Navigation Co. ....	May 5, 1909	May 24, 1909	.....
7634	Emmons Avenue, Sheepshead Bay. ....	Launching ways, Varuna Boat Club. ....	July 25, 1909	July 31, 1909	.....
7896	Emmons Avenue, and Shore Road. ....	Repairs to bulkhead, Dominick Olagner. ....	Nov. 1, 1909	Nov. 13, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7621	Rockaway Avenue, Canarsie.....	Open frame shed, Lawrence Mes- senger.....	July 30, 1909	Aug. 25, 1909	.....
7476	Rockaway Avenue, Canarsie.....	Two story frame building, Law- rence Messenger.....	June 10, 1909	July 6, 1909	.....
7336	North 9th St.....	Repairs to pier, Eastern Bklyn. Dist. Terminal.....	Apr. 15, 1909	July 1, 1909	.....
BOROUGH OF QUEENS.					
7710	16th Avenue, White- stone.....	Small pier on crib, Northrup Fow- ler.....	Sept. 3, 1909	Oct. 16, 1909	.....
6876	1st St. and 1st Avenue, College Point.....	Building, Wm. H. Kramer .....	Nov. 25, 1908	April 20, 1909	.....
7301	1st St. and 1st Avenue, College Point.....	Repairs to crib, bulkhead and runway, Mrs. Zehden.....	April 10, 1909	May 21, 1909	.....
7601	5th St., south of 3d Avenue, College Point.....	Crib bulkhead, American Hard Rubber Co.....	Sept. 1, 1909	In progress...	.....
7451	Victoria Place, College Point.....	Boathouse, Flushing Boat Club..	July 1, 1909	July 29, 1909	.....
6880	Flushing Creek, west of Causeway.....	Platform and bulkhead, Phoenix Const. Co.....	Dec. 10, 1908	July 1, 1909	.....
7232	Flushing Creek, W. S..	Pile platform, etc., Borough Devel. Co.....	April 27, 1909	Aug. 5, 1909	.....
7827	Flushing Creek, W. S..	Frame shed on platform, Borough Devel. Co.....	Oct. 7, 1909	Oct. 29, 1909	.....
6903	Amity St., Flushing Creek.....	Pile platform and retaining wall, C. W. Copp.....	Jan. 5, 1909	April 14, 1909	.....
7074	Jackson Avenue, Flushing.....	Bath houses, G. F. Frykberg.....	Mar. 15, 1909	Mar. 27, 1909	.....
6784	Luister Creek, Ber- rians Island.....	Pile platform and dyke, Astoria Light & Power Co.....	Dec. 15, 1908	In progress...	.....
7233	Steinway Creek, E. S.	Pile storage basin, Astoria Veneer Mills.....	April 1, 1909	April 27, 1909	.....
1620	Lawrence Point.....	Piers and bulkhead, Astoria Light & Power Co.....	Oct. 1, 1903	Continued under B. O. 6831	.....
6831	Berrians Island and Lawrence Point...	Bulkhead, Astoria Light & Power Co.....	Mar. 15, 1909	In progress...	.....
6953	Franklin St., Astoria..	Repairs to bulkhead, Astoria Marble Co.....	Jan. 2, 1909	Mar. 1, 1909	.....
6351	Broadway to Sanford St., Astoria.....	Platform, pier and crib bulkhead. S. Stephens Realty Co.....	July 3, 1908	In progress...	.....
7917	Sanford St., Astoria...	10 fender piles and repl. to plat- form, Jackson-McGlade Co.....	Dec. 6, 1909	Dec. 9, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7633	Munson St., Astoria...	Runway, Thomas A. Finn.....	July 23, 1909	July 31, 1909	.....
7731	Main St., Astoria.....	Fender piles, Henry C. Menchen..	Aug. 20, 1909	Aug. 25, 1909	.....
7381	8th to 10th Sts., Long Island City.....	Rebuilding crib, Standard Oil Co.	May 22, 1909	July 3, 1909	.....
7912	13th St., Long Island City.....	Hauling steel canal boat on beach and breaking up of same. Standard Oil Co.....	Nov. 26, 1909	Dec. 15, 1909	.....
6939	11th St. Basin, Long Island City.....	Repairs to bulkhead, A. Klaber & Son, Geo. Call & Co.....	Jan. 2, 1909	Jan. 23, 1909	.....
7355	Borden Avenue and Front St.....	Crib bulkhead and pile platform, L. I. R. R. Co.....	June 12, 1909	Aug. 2, 1909	.....
7810	Vernon and West Avenues, Newtown Creek.....	Repairs to bulkhead, N. Y. Land & Warehouse Co.....	Oct. 4, 1909	Oct. 9, 1909	.....
7164	Dutch Kills, Newtown Creek.....	Repairs, L. I. R. R. Co.....		Expired Dec. 31, 1909	.....
6965	Hunters Point Avenue, Dutch Kills...	One story frame shed, Degnon Const. Co.....	Dec. 15, 1908	Feb. 2, 1909	.....
7399	Borden Avenue, Dutch Kills.....	Fender racks, L. I. R. R. Co.....	May 29, 1909	Aug. 30, 1909	.....
7356	Water to Hayward Sts., Dutch Kills...	Four concrete piers and Scherzer rolling bridge, L. I. R. R. Co....	June 25, 1909	In progress...	.....
7261	Bay View Avenue and The Strand, Jamaica Bay.....	Walkway and platform, Ed. J. Steiner.....	April 1, 1909	April 30, 1909	.....
6910	Bayview Avenue, Far Rockaway.....	Land under water, Ed. J. Steiner.	Dec. 1, 1908	Feb. 1, 1909	.....
6554	Rochester—Bay Avenue, Far Rockaway.	Filling and bulkheading, M. Edith Morgan.....	Aug. 1, 1908	Feb. 1, 1909	.....
7295	Rue de St. Felix and Dickerson Avenue, Wave Crest.....	Jetty, Banister Realty Co.....	Dec. 15, 1908 Jan. 8, 1909	Feb. 1, 1909 Jan. 15, 1909	.....
7294	Lucia Avenue, Atlantic Ocean.....	Jetty, Abraham Stein.....	Feb. 1, 1909	April 15, 1909	.....
7838	Neptune Avenue, Edgemere.....	Two jetties, Spray View Realty Co.....	Oct. 28, 1909	In progress...	.....
8025	Arverne - Edgemere, Atlantic Ocean.....	Jetties, N. Y. Waterfront Co.....	About Nov. 1, 1909	About Dec. 15, 1909	.....
6701	Kate Avenue, Jamaica Bay.....	Sheet pile bulkhead, Summerville Realty Co.....	Oct. 1, 1908	April 1, 1909	.....
7397	Dodge Avenue Rockaway.....	Six frame dwellings, Kate A. Feagan.....	May 20, 1909	June 16, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7047	Beach Avenue, Edgemere.....	Repairs to jetty, Lancaster & Sea Beach Imp. Co.....	Jan. 18, 1909	Mar. 20, 1909	.....
5355	Arverne, Amstell.....	Filling in of land, Summerville Realty Co.....	April 1, 1909	In progress...	.....
5271	Belle Harbor, Rockaway Point.....	Filling in of upland, West Rockaway Land Co.....	May 1, 1907	May 1, 1909	.....
7828	West of Belle Harbor, Jamaica Bay.....	Dredging and filling, Neponsit Realty Co.....	Oct. 20, 1909	In progress...	.....
7841	Beach Channel, West Bitz Hotel.....	Watch house, Wm. J. Hewlett....	Oct. 11, 1909	Nov. 15, 1909	.....
RICHMOND					
2550	St. George.....	About 200 feet of crib bulkhead, and about 300 feet of sheet pile bulkhead, at property owned by the Staten Island Rapid Transit Railway Co.....	Aug. 18, 1904	Suspended	.....
6083	St. George.....	Erection of a building and hose tower, on the northerly tying-up platform at the St. George Terminal, by the Fire Department.....	May 18, 1909	Nov. 18, 1909	.....
7016	St. George.....	Repairs to waterfront property, occupied by the Baltimore & Ohio R. R. Co.....	April 12, 1909	Dec. 31, 1909	.....
7281	St. George.....	The construction of a sewer from the temporary office of the Richmond Light & R. R. Co....	April 19, 1909	May 5, 1909	.....
3394	Tompkinsville, Pier 3, Arrietta St.....	Extending pier and shed on same, by the American Dock & Trust Co.....	June 27, 1905	Suspended	.....
6076	Tompkinsville, Pier 2.	Widening and extending pier, American Dock & Trust Co.....	April 3, 1908	July 15, 1909	.....
6552	Tompkinsville.....	Redriving of creosoted piles under the piers, by the American Dock & Trust Co.....	Oct. 16, 1908	Dec. 28, 1909	.....
7053	Tompkinsville, Grant Street.....	Repairs to timber basin, by I. T. Williams.....	Feb. 6, 1909	In progress...	.....
4663	Stapleton, Prospect St.	Repairs are being made to the long dock by Brady Bros.....	Oct. 5, 1906	In progress...	.....
5655	Stapleton, Elizabeth St.....	Construction of outlet sewer by the Commissioner of Public Works.....	Oct. 14, 1908	May 28, 1909	.....
5851	Stapleton, Canal St....	Placing small float stage on the south side of pier, by G. W. Stapleton.....	Sept. 10, 1909	.....	.....
6383	Stapleton, Prospect St.	Building crib work under pier and mill building at long dock by Brady Bros.....	Sept. 5, 1908	July 15, 1909	.....
7251	Stapleton, Canal St....	Placing filling by the Gore-Meehan Co.....	April 12, 1909	June 15, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7286	Stapleton, Water St...	Placing small house and float by the New York Yacht Club.....	May 26, 1909	Oct. 5, 1909	.....
7518	Stapleton Ferry Terminal.....	Placing police telephone booth by the Police Department.....	July 2, 1909	Aug. 5, 1909	.....
7743	Stapleton, Canal St...	Establishment of a temporary telegraph office on pier by the Western Union Telegraph Co...	Sept. 20, 1909	Oct. 1, 1909	.....
7764	Stapleton Ferry-house, Canal St.....	Running telegraph wires to establish telegraph facilities during the Hudson-Fulton Celebration by the Postal Telegraph Caule Co.....	Sept. 22, 1909	Oct. 22, 1909	.....
7799	Stapleton, Canal St...	Erection of temporary structure on pier, by Rodgers & Haggerty	Oct. 1, 1909	Oct. 16, 1909	.....
7846	Stapleton, Water St., Front St.....	Construction of sheet pile bulkhead, by Thomas and Henry K. S. Williams.....	Oct. 23, 1909	In progress..	.....
3050	Clifton, Sylva Lane, and Sylvester Terrace.....	Fencing off from public use, two piers and also removal of the Clifton Boat House, such portions of said piers as have drifted to that point, at Clifton, by Nicholas Muller, owner. Broken portions of piers have been removed from the vicinity of the Clifton Boat House. Fencing off has not been done.....	Feb. 17, 1905	.....	.....
7734	Rosebank, Ives Place.	Construction of walk and landing platform, by Elizabeth R. Jenkins.....	Sept. 17, 1909	Nov. 10, 1909	.....
2479	Woodland Beach.....	Repairs to walk-way in front of Woodland Beach Hotel and Casino, leading to a fishing platform, and also fencing off said premises pending such repairs, by Alohonse Krenn. Premises fenced, work suspended.....	June 19, 1904	Suspended.	.....
7357	Princes Bay, Pleasant Plains.....	Repairs to landing pier, by the Mission of the Immaculate Virgin.....	May 28, 1909	June 7, 1909	.....
7602	Princes Bay, Princes Bay Avenue.....	Repairing platform, by Johnston Brothers Realty Co.....	July 21, 1909	In progress...	.....
7750	Richmond Valley, Beach Avenue.....	Repairs to pier, by Elmer T. Butler.....	Sept. 20, 1909	Dec. 17, 1909	.....
2978	Tottenville, Johnson Avenue.....	Canal boat placed, piles driven in front of same, earth filling deposited and runway erected by Hubbard R. Yetman.....	Dec. 22, 1904	In progress...	.....
5723	Tottenville, Arthur Kills.....	Construction of small pier by the Southern Ship Building Co.....	Dec. 2, 1907	Suspended.	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6949	Tottenville, Main St...	Repairing pier by Frederick W. O. Schmitz.....	Dec. 30, 1908	Jan. 28, 1909	.....
7316	Tottenville, Beach and Central Avenues....	Construction of runway, by Jacob F. Oberle.....	June 21, 1909	Suspended.	.....
S. O. 21491	New Brighton.....	Erection of crib bulkhead by J. B. King & Co.....	Dec. 23, 1901	Suspended, injunction.	.....
5162	New Brighton, Jersey St.....	General repairs to water-front property, by J. B. King & Co...	Apr. 29, 1907	Suspended.	.....
7331	New Brighton, Franklin Avenue.....	Driving a close row of piles along the face of the bulkhead, by J. B. King & Co.....	May 4, 1909	May 14, 1909	.....
5900	West New Brighton...	General repairs to docks, by John H. Starin.....	Jan. 23, 1908	Dec. 31, 1909	.....
6320	West New Brighton, Columbia St.....	Placing filling by Wm. S. Van Clief.....	June 1, 1908	In progress...	.....
7150	West New Brighton, Davis Avenue.....	Construction of walk, by Clara C. Edwards.....	Mar. 9, 1909	Mar. 12, 1909	.....
7944	West New Brighton, Van Street, Kill von Kull.....	Laying of two water pipes by the Hudson County Water Co.....	Oct. 30, 1909	Suspended.	.....
S. O. 19709	Port Richmond, Bay and Simonson Avenues.....	Retaining structure and filling by Edward White.....	Mar. 6, 1909	In progress...	.....
7024	Port Richmond, Hausman Avenue.....	Construction of crib bulkhead, by the Standard Varnish Works...	Feb. 15, 1909	April 16, 1909	.....
7954	Port Richmond, Ferry St.....	Depositing ashes on the upland by the President of the Borough of Richmond.....	Dec. 10, 1909	.....	.....
1230	Mariners Harbor, Union and Central Avenues.....	Construction of dock and building ways, by the Marine Construction & Dry Dock Co.....	May 6, 1905	Suspended.	.....
1562 and 2687	Mariners Harbor, Central and Van Pelt Avenues.....	Pier and extension, built by Henry DuBois's Sons Co.....	Dec. 15, 1903	Suspended.	.....
5516	Mariners Harbor, Mesereau Avenue.....	Pier built by the Burlee Dry Dock Co.....	Aug. 28, 1907	May 21, 1909	.....
5992	Mariners Harbor, Hausman Avenue...	Dumping of ashes by the Standard Varnish Works.....	Mar. 12, 1908	In progress...	.....
6143	Mariners Harbor, Andros and Mesereau Avenues.....	Filling in between piers, extending pier and building bulkhead platform, by the Burlee Dry Dock Co.....	Mar. 2, 1909	May 20, 1909	.....
6935	Mariners Harbor, South Avenue.....	Construction of boathouse by Wm. M. Haughwout.....	Dec. 21, 1908	In progress...	.....
7352	Mariners Harbor, Richmond Terrace.....	Construction of pile platform and mooring rack, by William J. Rankin.....	May 12, 1909	In progress...	.....

Work Supervised.

## BOROUGH OF QUEENS.

## OCCUPANCY OF LOTS AT BROAD CHANNEL, JAMAICA BAY, BOROUGH OF QUEENS, UNDER PERMIT FROM THIS DEPARTMENT.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7060	F. J. Robinson.....	20	24	Jan 30, 1909
7114	John C. Groh.....	35	7	Mar. 1, 1909
7115	George Diemer.....	18	1	Feb. 1, 1909
7134	Paul Kenn.....	3	13	Mar. 1, 1909
7126	W. G. Grundkauch.....	30	33-36	Oct. 1, 1909
7169	Samuel Robinson..... John Flanagan.....	35	13	Mar. 12, 1909
7175	Conrad Young and Margaret Young.....	6	1	Mar. 15, 1909
7176	August Rietz.....	29	37	Mar. 15, 1909
7180	Owl Fishing Club.....	7	39	Mar. 18, 1909
7206	National Boat Club.....	19A	35	Mar. 22, 1909
7212	Susan T. Provost.....	17	14	April 1, 1909
7217	Ewald Bittorf.....	20	2	Mar. 22, 1909
7218	Fred Eckhardt.....	17 15	26 18	Mar. 24, 1909
7247	Edward Schuster.....	27	7, 8, 9, 10, 11	April 6, 1909
7248	Michael J. Curry.....	27	5	April 7, 1909
7249	J. X. Semar and J. F. Fessler.....	20	25	April 7, 1909
7272	Paul M. and Wm. Boest.....	111	1	April 7, 1909
7326	Mrs. C. E. Willett.....	42	1 and 2	April 30, 1909
7327	F. S. Ackerman.....	105	9	April 30, 1909
7340	Joseph Sibree.....	20 Board Wk	Lot 9	May 10, 1909
7344	Phillip Doling.....	30	43	May 7, 1909
7345	Charles P. Weis.....	109	14½ and-15	May 6, 1909
7346	John A. Schoepp.....	109	16½ and-15	May 6, 1909
7348	John S. Burnett.....	35	14	May 10, 1909
7362	William Carry.....	19	2 and 3	May 13, 1909
7366	Edward Mamman.....	2	1 and 2	May 13, 1909
7367	Gustav Hoppe.....	34	17	May 13, 1909
7374	Edwin Severin.....	22	8	May 12, 1909
7376	Robert A. Sharkey.....	34	6	May 14, 1909
7370	Thomas F. Cary.....	21	1	May 13, 1909
7388	Frederick G. Fank.....	34	16	May 18, 1909
7393	Charles J. Miller.....	30	32	May 21, 1909
7436	George Stenger.....	34	5	June 4, 1909
7439	Otto Schmidt.....	..	419	June 5, 1909

## Work Supervised.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7441	Lawrence L. Hart.....	109	11	June 8, 1909
7442	Martha W. Harbott.....	45	17, 18, 19, 20	June 7, 1909
7443	Local Bond & Mortgage Co.....	30	35 and 36	June 7, 1909
7469	Christian Hoobs.....	14	21	June 17, 1909
7470	Joseph G. Kenn.....	3	12	June 17, 1909
7514	Herman Hoffman.....	2	111	June 26, 1909
7520	Valentine Elbert.....	17	17	June 29, 1909
7521	Louis H. Eucker.....	19B	5	June 29, 1909
7532	William Carry.....	Removal of	toilet.	July 8, 1909
7577	Niel J. Skou.....	111	3	July 13, 1909
7578	Harry C. Johnson.....	28	11	July 16, 1909
7579	Geo. J. Van Nostrand.....	28	8	July 13, 1909
7580	George Kinder.....	15	17	July 13, 1909
7581	P. O'Connor.....	35	4	July 13, 1909
7582	Thomas E. Rand.....	30	31	July 13, 1909
7656	William H. Leonhard.....	..	140	Aug. 10, 1909
7658	W. J. Casey.....	47	3	Aug. 12, 1909
7662	Ira J. Ackerman.....	2	3	Aug. 12, 1909
7674	Mary A. Winkelseth.....	14	7 and 14	Aug. 16, 1909
7679	Mrs. Wm. VanBrunt.....	45	21A, 22, 23, 24	Aug. 16, 1909
7699	George J. Butt.....	12	16	Aug. 23, 1909
7696	Rose Ringston.....	12	19	Aug. 19, 1909
7701	Anna Winters.....	109	6	Aug. 24, 1909
7711	John Arbuckle and Bernard Dougherty.....	13	4	Aug. 31, 1909
7725	Joseph Stehle.....	2	4	Sept. 7, 1909
7726	Henry Schuler.....	2	6	Sept. 7, 1909
7727	F. J. Sperling.....	1	12	Sept. 7, 1909
7729	H. L. C. Wenk.....	7	6 and 7	Sept. 7, 1909
7803	George Kruckey.....	19A	37	Oct. 4, 1909
7807	Ellen C. Mahlon.....	109	5	Oct. 5, 1909
7816	Henry A. Ranken.....	7	30	Oct. 6, 1909
7822	August G. Faber.....	19B	7	Oct. 7, 1909
7844	Christian Hoobs.....	14	21A	Oct. 22, 1909
7913	Joseph Stehle.....	2	19, 20, 21	Nov. 19, 1909
7939	Alfred E. Homberg.....	100	7A	Dec. 1, 1909
7938	Alfred E. Homberg.....	101	7	Dec. 1, 1909
7988	Jacob J. Velten.....	22	142, 142A	Dec. 10, 1909
7965	John G. Groh.....	35	9	Dec. 9, 1909



## Work Supervised.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7967	Gayety Yacht Club.....	19A	4	Dec. 10, 1909
7968	William Carry.....	19A	2, 3	Dec. 10, 1909
8000	Frank Denig.....	111	5	Dec. 14, 1909
8001	Arthur Tarrant.....	111	4	Dec. 14, 1909

## BOROUGH OF QUEENS.

## LOTS AT THE RAUNT, ROCKAWAY POINT, OCEANUS AVENUE, EAST HIGH MEADOW, AND DUCK CREEK MARSH.

B. O.	LESSEE	DATE OF PERMIT.
7657	Matthew J. Sullivan..... Lots 422 to 424 Raunt.....	Aug. 21, 1909
7700	Joseph G. Weishaupt..... Lot 425, Raunt.....	Aug. 23, 1909
7170	Thomas Martin..... Lot 415, Raunt.....	Mar. 12, 1909
7177	John F. Chantrell..... Lot 414, Raunt.....	Mar. 12, 1909
7178	James L. Jordan..... Rebuilding boardwalk, Raunt.....	Mar. 15, 1909
7250	Thomas F. Martin..... 416, Raunt.....	April 7, 1909
7418	John F. Chantrell..... 414, Raunt.....	Mar. 12, 1909
7450	Sigfred Bernhards..... 420, Raunt.....	June 12, 1909
7445	Big Four Fishing Club..... 418, Raunt.....	June 12, 1909
7502	Edward J. McGlynn..... 122, Raunt.....	June 24, 1909
7735	Alfred E. Dillman..... 426, Raunt.....	Sept. 13, 1909
7999	Frank Schmitt..... 428, Rockaway Point.....	Dec. 14, 1909
7413	John E. Scher..... Occupation ft. Oceanus Ave.,	June 1, 1909
7410	John B. Merrill..... 417, East High Meadow.....	June 3, 1909
7990	Charles G. Strang..... Lot 96, East High Meadow. Re- moval of shanty by Department.	Dec. 14, 1909
8032	Alexander Watts..... Lot 97, Duck Creek Marsh.....	Dec. 22, 1909

## OCCUPANCY OF LOTS FLATLANDS BAY, JAMAICA BAY, BOROUGH OF BROOKLYN, UNDER PERMIT FROM THIS DEPARTMENT.

7485	William Brown..... East 59th to East 60th Sts., Flatlands Bay.....	June 23, 1909
7506	Walter S. Lloyd..... East 59th to East 60th Sts., Flatlands Bay.....	June 25, 1909
7507	C. Winchester..... East 59th to East 60th Sts., Flatlands Bay.....	June 25, 1909
7714	Rudolph Spielman..... East 59th to East 60th Sts., Flatlands Bay.....	Sept. 7, 1909
7214	T. O'Shea..... East 59th to East 60th Sts., Flatlands Bay.....	Mar. 22, 1909

## BULKHEAD WALL BUILT PRIOR TO DECEMBER 31, 1909.

## NORTH RIVER.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Boat Landing.....	171.00	171.00	.....	.....
Breakwater at Pier "A".....	.....	404.33	.....	.....
Battery.....	270.00	270.00	.....	.....
Rector Street.....	298.25	.....	298.25	.....
Liberty Street.....	172.90	.....	.....	172.90
Cedar Street.....	334.60	334.60	.....	.....
Dey Street, extended.....	20.00	20.00	.....	.....
Dey Street.....	241.90	.....	241.90	.....
West Washington Market.....	578.17	578.17	.....	.....
Barclay Street.....	153.05	.....	.....	153.05
Barclay Street, extended.....	139.07	.....	139.07	.....
Park Place.....	226.24	.....	226.24	.....
Murray Street.....	160.40	.....	160.40	.....
Warren Street.....	246.26	246.26	.....	.....
Chambers Street.....	651.80	651.80	.....	.....
Jay Street.....	216.67	216.67	.....	.....
Franklin Street.....	415.95	415.95	.....	.....
North Moore Street.....	340.23	340.23	.....	.....
Beach Street.....	196.00	196.00	.....	.....
Laight Street.....	595.43	595.43	.....	.....
Desbrosses Street.....	414.76	.....	.....	414.76
Watts Street.....	65.00	65.00	.....	.....
Watts Street, extended.....	125.00	125.00	.....	.....
Canal Street, south.....	131.03	.....	.....	131.00
Canal Street, extended.....	145.62	145.62	.....	.....
Canal Street.....	333.74	333.74	.....	.....
Spring Street.....	139.92	139.92	.....	.....
Charlton Street.....	406.74	406.74	.....	.....
Old King Street.....	148.41	148.41	.....	.....
New King Street.....	114.49	114.49	.....	.....
Lower Clarkson Street.....	152.91	152.91	.....	.....
West Houston Street.....	109.89	109.89	.....	.....
Upper Clarkson Street.....	102.51	102.51	.....	.....
Leroy Street.....	561.46	561.46	.....	.....

## Bulkhead Wall.

SECTION.	Length of Section	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Morton Street.....	151.33	151.33	.....	.....
Christopher Street.....	1,095.22	1,095.22	.....	.....
Perry Street (abandoned).....	.....	96.56	(since removed.)	.....
Gansevoort Street.....	2,133.61	2,054.31	.....	.....
Chelsea Section.....	3,729.64	3,629.92	.....	.....
West 23d Street, south end.....	1,238.20	1,229.64	.....	.....
West 23d Street, north end.....	615.42	615.42	.....	.....
West 31st Street.....	257.50	257.50	.....	.....
West 32d Street.....	515.00	515.00	.....	.....
West 33d Street.....	98.75	98.75	.....	.....
West 34th Street.....	198.75	194.00	.....	.....
West 37th Street to West 38th Street..	197.50	.....	.....	197.50
West 41st Street.....	257.50	.....	.....	.....
West 42d Street.....	621.67	617.43	.....	.....
West 52d Street, south end.....	404.66	404.66	.....	.....
West 52d Street, north end.....	1,043.30	1,043.30	.....	.....
West 57th Street.....	762.50	762.50	.....	.....
West 59th Street.....	320.83	124.92	.....	.....
Claremont Section.....	1,364.09	985.05	.....	.....
Carmansville.....	1,433.89	777.10	.....	.....
Total bulkhead wall, North River..	24,818.76	21,498.74	1,065.86	1,069.24

## EAST RIVER.

Whitehall Terminal, S. I. Ferry.....	175.12	175.12	.....	.....
Whitehall.....	459.87	459.87	.....	.....
Broad Street.....	738.72	738.72	.....	.....
Old Slip.....	1,150.07	997.00	.....	.....
Maiden Lane.....	701.67	701.67	.....	.....
Fulton Street.....	777.94	551.48	.....	.....
Peck Slip.....	349.48	349.48	.....	.....
James Slip.....	326.00	212.40	.....	.....
West of James Slip.....	.....	2.00	.....	.....
Catharine Street.....	177.00	134.53	.....	.....
Market Street.....	800.91	800.91	.....	.....
Rutgers Street.....	867.52	867.52	.....	.....
Jefferson Street.....	1,237.92	.....	.....	.....

## Bulkhead Wall.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Montgomery Street.....	472.32	137.03	.....	.....
Corlears Street.....	759.94	.....	.....	.....
Stanton Street.....	557.21	472.32	.....	.....
East 23d Street.....	2,454.86	2,391.09	.....	.....
East 24th Street.....	340.60	340.60	.....	.....
East 25th Street.....	276.24	276.24	.....	.....
Bellevue.....	543.81	543.81	.....	.....
New Bellevue.....	980.45	865.78	.....	.....
East 38th Street.....	608.08	434.91	.....	.....
Between East 39th and 40th Streets....	200.23	.....	200.23	.....
East 59th Street.....	1,459.50	.....	.....	.....
Yorkville.....	2,648.22	351.63	.....	.....
Blackwells.....	1,958.03	1,315.47	.....	.....
East 91st Street.....	375.88	260.54	.....	.....
East 94th Street.....	373.07	361.19	.....	.....
East 96th Street.....	200.92	200.57	.....	.....
East 99th Street.....	365.00	350.57	.....	.....
Total bulkhead wall, East River....	22,336.58	14,292.45	200.23	.....

## HARLEM RIVER.

East 102d Street.....	848.65	848.65	.....	.....
East 110th Street.....	856.00	758.85	.....	.....
East 116th Street.....	110.73	108.88	.....	.....
East 125th Street.....	367.27	362.70	.....	.....
Academy Street to West 201st Street....	201.00	.....	201.00	.....
Total bulkhead wall, Harlem River	2,383.65	2,079.08	201.00	.....

## BOROUGH OF THE BRONX.

East 184th St., H. R.....	.....	678.00	.....	.....
Rikers Island.....	8,887.23	8,750.00	.....	.....
North Brothers Island.....	.....	1,879.00	.....	.....
South of East 149th Street.....	.....	.....	480.00	.....
173d Street and Bronx River.....	.....	.....	313.00	.....
Classons Point Road.....	.....	710.00	.....	.....
Total bulkhead wall, Borough of the Bronx.....	8,887.23	12,017.00	793.00	.....

## Bulkhead Wall.

## BOROUGH OF BROOKLYN.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Whale Creek.....	1,133.02	.....	.....	.....
Wallabout Basin.....	2,755.00	2,755.00	.....	.....
Gowanus.....	2,142.82	570.29	.....	.....
36th to 37th Streets, South Brooklyn....	1,724.00	1,724.00	.....	.....
39th Street.....	261.35	261.35	.....	.....
Total bulkhead wall, Borough of Brooklyn.....	8,016.17	5,310.64	.....	.....
	BOROUGH OF	RICHMOND.		
Foot of Canal Street.....	747.82	747.82	.....	.....
	BOROUGH OF	QUEENS.		
Borden Avenue, East side of Dutch Kills.....	.....	277.00	.....	.....
Borden Avenue, West side of Dutch Kills.....	.....	210.00	.....	.....
Total bulkhead wall, Borough of Queens.....	.....	487.00	.....	.....

## SUMMARY.

## Borough of Manhattan:

North River.....	23,633.48
East River.....	14,492.68
Harlem River.....	2,280.08
Borough of the Bronx.....	12,810.00
Borough of Brooklyn.....	5,310.64
Borough of Richmond.....	747.82
Borough of Queens.....	487.00
Total bulkhead wall built prior to December 31, 1909.....	59,762.06

New Wharfage Room.

STATEMENT SHOWING NEW WHARFAGE ROOM MADE BY THE CITY DURING  
THE YEAR ENDING DECEMBER 31, 1909.  
CONSTRUCTION UNDER "NEW PLAN."

## BULKHEAD WALL.

*Borough of Manhattan:*

East River—

	Linear feet.	Linear feet.
Jefferson Section.....	137.03	
New Bellevue Section.....	262.00	
Yorkville Section.....	295.65	
	<hr/>	
Total bulkhead wall, East River.....		694.68

*Borough of Brooklyn:*

Gowanus Section.....		570.29
		<hr/>
Total bulkhead wall built under "New Plan".....		1,264.97

## PIERS, ETC.

*Borough of Manhattan:*

North River—

	Linear feet.	Linear feet.
West 55th Street Pier, extension.....	462	
West 79th Street Pier, widening of inner end.....	358	
West 155th to West 158th Street, platform.....	497	
	<hr/>	
Total.....		1,317

*Borough of Queens:*

Jamaica Avenue Pier.....		388
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## TOTAL NEW WHARFAGE ROOM MADE UNDER "NEW PLAN."

	Linear feet.	Linear feet.
Bulkhead wall, East River, Borough of Manhattan.....	694.68	
Bulkhead wall, Borough of Brooklyn.....	570.29	
	<hr/>	
Total wall built under "New Plan".....		1,264.97
Piers, etc., on North River, Borough of Manhattan.....	1,317.00	
Piers, etc., in Borough of Queens.....	388.00	
	<hr/>	
Total piers, etc., built under "New Plan".....		1,705.00
		<hr/>
Total Construction under "New Plan".....		2,969.97

## New Wharfage Room.

## CONSTRUCTION WORK NOT UNDER "NEW PLAN."

*Borough of Manhattan:*

## North River—

Linear feet.

West 110th Street, platform for Hudson-Fulton Commission..... 1,161

## East River—

East 78th to East 79th Streets, by removal of platform..... 283

## Harlem River—

East 120th to East 121st Streets, by removal of platform..... 30

Total, Borough of Manhattan..... 1,474

*Borough of The Bronx:*

Classons Point, by removal of platform..... 468

Classons Point, by new pier..... 374

Total, Borough of The Bronx..... 842

*Borough of Brooklyn:*

51st Street, platform on north side..... 237

51st Street, extension to breakwater on south side..... 46

Total, Borough of Brooklyn..... 283

## CONSTRUCTION WORK DONE FOR OTHER DEPARTMENTS.

## BULKHEAD WALL.

Linear feet.

Rikers Island (for Department of Correction)..... 666

## PIERS, ETC.

*Borough of Manhattan:*

Pier 32, E. R., extension to platform for Fire Department..... 94

Blackwell's Island, pier for Department of Public Charities..... 97

Blackwell's Island, pier for Department of Corrections..... 135

Total, Borough of Manhattan..... 326

*Borough of The Bronx:*

North Brothers Island, pier widened for Health Department..... 121

## TOTAL NEW WHARFAGE ROOM MADE NOT UNDER "NEW PLAN."

## BULKHEAD WALL.

Linear feet.

Riker's Island (Borough of The Bronx)..... 666

## PIERS, ETC.

*Borough of Manhattan:*

North River.....	1,161
East and Harlem Rivers.....	639
Total, Borough of Manhattan.....	1,800
<i>Borough of The Bronx</i> .....	963
<i>Borough of Brooklyn</i> .....	283
Total .....	3,046
Total Construction not Under "New Plan".....	3,712

## SUMMARY.

	Linear feet.
Total new wharfage room made under "New Plan".....	2,969.97
Total new wharfage room made not under "New Plan".....	3,712.00
Total new wharfage room made by the City.....	6,681.97

NEW WHARFAGE ROOM TO BE MADE BY WORK BEGUN BUT NOT FINISHED  
DURING THE YEAR ENDING DECEMBER 31, 1909.

## BULKHEAD WALL.

<i>North River:</i>	Linear feet.
West 42d Section.....	3.24
Claremont Section.....	379.04
Carmansville Section.....	656.73
Total bulkhead wall, North River.....	1,039.01
<i>East River:</i>	
Old Slip Section.....	153.07
Fulton Section.....	226.46
James Slip Section.....	113.60
Jefferson Section.....	1,100.89
Montgomery Section.....	472.32
Corlears Section.....	759.94
New Bellevue Section.....	134.65
East 59th Street Section.....	1,459.50
Yorkville Section.....	2,296.59
Blackwell's Section.....	642.56
Total bulkhead wall, East River.....	7,359.58



New Wharfage Room.

*Borough of The Bronx:*

Wall around Riker's Island..... 137.23

*Borough of Brooklyn:*

Whale Creek Section..... 1,133.02  
Gowanus Section..... 1,572.53

Total bulkhead wall, Borough of Brooklyn..... 2,705.55

CONSTRUCTION UNDER "NEW PLAN."

PIERS.

<i>North River:</i>	Linear feet.
Pier 11.....	950
West 40th Street Pier, extension.....	460
West 79th Street Pier.....	358
West 129th Street Pier, extension.....	210
West 134th Street Pier, extension.....	676
West 157th Street Pier.....	460
Total.....	3,114

*Borough of Brooklyn:*

Whale Creek Section, 2 piers.....	2,971.80
Gowanus Section, 31st Street Pier.....	3,100.00
Gowanus Section, 28th to 36th Streets.....	15,700.94
Total.....	21,772.74

TOTAL NEW WHARFAGE ROOM TO BE MADE BY WORK BEGUN BUT NOT FINISHED DURING THE YEAR ENDING DECEMBER 31, 1909.

BULKHEAD WALL.

<i>Borough of Manhattan:</i>	Linear feet.	Linear feet.
North River.....	1,039.01	
East River.....	7,359.58	
Total, Borough of Manhattan.....	8,398.59	
<i>Borough of The Bronx:</i>		
Rikers Island.....	137.23	
<i>Borough of Brooklyn.....</i>	2,705.55	
Total bulkhead wall.....	11,241.37	

PIERS, ETC.

<i>Borough of Manhattan:</i>	Linear feet.
North River.....	3,114.00
<i>Borough of Brooklyn.....</i>	21,772.74
Total piers, etc.....	24,886.74

## SUMMARY.

	Linear feet.
Total new bulkhead wall begun but not finished.....	11,241.37
Total new piers, etc., begun but not finished.....	24,886.74

Total new wharfrage room to be made by work begun but not finished. 36,128.11

WHARFAGE ROOM DESTROYED BY THE CITY DURING THE YEAR ENDING  
DECEMBER 31, 1909, IN MAKING ROOM FOR NEW IMPROVEMENTS.

*Borough of Manhattan:*

North River—	Linear feet.
Pier 11, by extension.....	50
West 40th Street Pier, by extension.....	60
West 79th Street Pier, widening of inner end.....	465
West 129th Street, by extension.....	60
West 134th Street, by extension.....	60
West 155th Street to West 158th Street, by platform.....	447
West 157th Street, by pier.....	60
Total, North River.....	1,202

*East River—*

Oliver Street, pier and platform, south.....	473
Pier 32, by platform, south side.....	72
East 78th Street to East 79th Street, removal of platform.....	288
Blackwells Island, pier.....	34
Blackwells Island, platform.....	97
Total, East River.....	964

*Harlem River—*

East 120th Street, by removal of platform.....	135
Total, Harlem River.....	135

*Borough of The Bronx:*

North Brothers Island, widening of dock.....	101
Classons Point, removal of platform.....	8
Classons Point, by new platform.....	20
Total, Borough of The Bronx.....	129

*Borough of Brooklyn:*

Whale Creek and Newtown Creek, by dredging.....	1,445
31st Street, by pier.....	150
51st Street, by platform on N. S.....	30
51st Street, by extension to breakwater.....	6
Total, Borough of Brooklyn.....	1,631

New Wharfage Room.

**Borough of Queens:**

Jamaica Avenue, by pier.....	62
Nott Avenue, by dredging.....	910
Total, Borough of Queens.....	972

SUMMARY.

	Linear feet.	Linear feet.
<b>Borough of Manhattan:</b>		
North River .....	1,202	
East River .....	964	
Harlem River .....	135	
Total, Borough of Manhattan.....		2,301
<b>Borough of The Bronx.....</b>		129
<b>Borough of Brooklyn.....</b>		1,631
<b>Borough of Queens.....</b>		972
Total wharfage room destroyed by The City during the year ending December 31, 1909.....		5,033

INCREASE IN AREA OF THE CITY'S PIERS DURING THE YEAR  
ENDING DECEMBER 31, 1909.

**Borough of Manhattan:**

	Square feet.
<b>North River—</b>	
West 55th Street, extension.....	12,126
West 79th Street, widening inner end.....	4,775
West 155th to West 158th Street, platform.....	15,756
Total .....	32,657
<b>East River—</b>	
Pier 32, extension to platform.....	1,653
Blackwells Island Pier.....	1,734
Blackwells Island, extension to platform.....	1,540
Total .....	4,927
<b>Borough of The Bronx:</b>	
North Brothers Island.....	1,013
Classons Point, platform.....	5,870
Total .....	6,883

**Borough of Brooklyn:**

51st Street, platform.....	3,110
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**Borough of Queens:**

Jamaica Avenue Pier.....	9,775
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New Wharfage Room.

## SUMMARY.

	Square feet.	Square feet.
<i>Borough of Manhattan:</i>		
North River.....	32,657	
East River.....	4,927	
Total.....		37,584
<i>Borough of The Bronx</i> .....		6,883
<i>Borough of Brooklyn</i> .....		3,110
<i>Borough of Queens</i> .....		9,775
Total increase.....		57,352

INCREASE IN AREAS OF NEWLY MADE LAND OWNED BY THE CITY DURING  
THE YEAR ENDING DECEMBER 31, 1909.*Borough of Manhattan:*

	Square feet.
North River—	
West 155th to West 158th Street (Carmansville Section).....	64,100
East River—	
Jefferson Section.....	6,750
New Bellevue Section.....	40,500
Yorkville Section.....	4,500
Blackwells Section.....	6,750
Total .....	58,500

*Borough of Brooklyn:*

Gowanus Section.....	133,000
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## SUMMARY.

	Square feet.	Square feet.
<i>Borough of Manhattan:</i>		
North River.....	64,100	
East River.....	58,500	
Total.....		122,600
<i>Borough of Brooklyn</i> .....		133,000
Total increase in area of newly made land owned by the City.....		255,600

TABLE SHOWING AREA OF GRANITE PAVEMENT LAID DURING THE YEAR  
ENDING DECEMBER 31, 1909.

## NEW PAVEMENT LAID BY DEPARTMENT FORCE.

	Square yards.	Square yards.
East River—		
Maiden Lane Section.....	420	
New Bellevue Section.....	69	
Blackwell Section.....	2,605	
Tompkins Street, bet. Houston and Stanton Streets..	878	
		3,972

## New Wharfage Room.

## PAVEMENT TAKEN UP AND RELAID BY DEPARTMENT FORCE.

*Borough of Manhattan:*

	Square yards.	Square yards.
North River.....	29,559	
East River.....	17,742	

*Borough of Brooklyn:*

Gowanus Section.....	1,300	
		48,601
Total pavement laid.....		52,573

NEW WHARFAGE ROOM MADE BY PRIVATE PARTIES, LESSEES AND OTHERS,  
UNDER PERMIT OR ORDER FROM THE COMMISSIONER OF DOCKS,  
DURING THE YEAR ENDING DECEMBER 31, 1909.*Borough of Manhattan:*

	Linear feet.
North River—	
West 32d Street, by removal of pier.....	100
East River—	
East Street, between Water and Cherry Streets, platform.....	90
East 39th Street, by cutting away inner end.....	82
East 62d to East 63d Streets, platform.....	111
East 124th Street, platform.....	329
Total .....	612
Total, Borough of Manhattan.....	712

*Borough of The Bronx:*

Riker's Island, two platforms.....	402
173d Street, Bronx River, concrete wall.....	313
Givan's Creek, Baychester, platform.....	715
Franklin Street, City Island.....	502
Total, Borough of The Bronx.....	1,932

*Borough of Brooklyn:*

South side Newtown Creek, 610 feet west of Gardner Avenue, bulkhead..	125
Appollo and Pollock Streets, Newtown Creek, crib.....	108
Greene Street, pier.....	837
Gold and Quay Streets, structure for sewer.....	330
Hudson and Gold Streets, platform.....	291
Hudson Avenue, extension to pier.....	132
Joralemon to Irving Streets, extension to piers.....	2,421
Pier 52, Erie Basin, pier.....	1,215
43d to 51st Streets, piers.....	9,293
64th to 65th Streets, bulkhead and rack.....	2,149
22d Avenue, 208 feet south of, platform and runway.....	1,155
Bay 49th Street to Gravesend Ship Canal, bulkhead.....	3,337
Total, Borough of Brooklyn.....	21,393

## New Wharfage Room.

*Borough of Queens:*

Whitestone, 16th Avenue, pier.....	364
Flushing Creek, north side of Causeway, platform and bulkhead.....	751
Amity Street, Flushing Creek.....	430
Flushing Creek, platform.....	250
Borden Avenue, L. I. C., platform and bulkhead.....	119
Borden Avenue, racks.....	133
Rochester Avenue, Far Rockaway, bulkhead.....	330
Bay View Avenue and The Strand, Far Rockaway, platform.....	375
Bay View Avenue, filling.....	345
Rue de St. Felix, Wavecrest, jetty.....	560
Dickerson Avenue, Wavecrest, jetty.....	480
Lucia Avenue, Edgemere, jetty.....	409
Kate Avenue, Arverne.....	1,988
Belle Harbor, Jamaica Bay.....	2,088
Total, Borough of Queens.....	8,614

*Borough of Richmond:*

Arrietta Street, pier widened and extended.....	1,622
Arlington Avenue, bulkhead.....	270
Mersereau Avenue, pier.....	812
Davis Avenue, platform.....	90
Iowa Place, walkway.....	447
Water Street to Prospect Street, bulkhead.....	360
Houseman Avenue, bulkhead.....	360
Total, Borough of Richmond.....	4,771

## SUMMARY.

*Borough of Manhattan:*

	Linear feet.	Linear feet.
North River .....	100	
East River .....	612	

Total, Borough of Manhattan..... 712

*Borough of The Bronx*..... 1,932

*Borough of Brooklyn*..... 21,393

*Borough of Queens*..... 8,614

*Borough of Richmond*..... 4,771

Total new wharfage room made by private parties, lessees and others  
during the year ending December 31, 1909..... 37,422

New Wharfage Room.

OLD WHARFAGE ROOM DESTROYED BY PRIVATE PARTIES, LESSEES AND  
OTHERS DURING THE YEAR ENDING DECEMBER 31, 1909, IN  
MAKING WAY FOR NEW IMPROVEMENTS.

*Borough of Manhattan:*

North River—	Linear feet.
West 32d Street Pier.....	1,459
East River—	Linear feet.
East Street, between Water and Cherry Streets, by platform	60
East 39th Street, cutting away inner end.....	80
East 62d Street to East 63d Street, by platform.....	99
Total, East River.....	239
Harlem River—	
East 124th Street, by platform.....	350
Total, Borough of Manhattan.....	2,048

*Borough of The Bronx:*

Rikers Island, by two platforms.....	260
173d Street, Bronx River, by wall.....	350
Givan's Creek, Baychester, dock.....	450
Franklin Street, City Island, by runway.....	7
Total .....	1,067

*Borough of Brooklyn:*

S. S. Newtown Creek, west of Gardner Avenue, bulkhead.....	125
Appollo and Pollock Streets, Newtown Creek, crib.....	80
Greene Street, pier.....	685
Gold and Quay Streets, structure for sewer.....	35
Hudson Avenue and Gold Streets, platform.....	353
Hudson Avenue, extension to pier.....	47
Joralemon to Irving Streets, extension to pier.....	474
Pier 52, Erie Basin, pier.....	1,168
43d to 51st Streets, piers.....	3,224
64th to 65th Streets, bulkhead.....	1,246
22d Avenue, 208 feet south of, platform and runway.....	8
Bay 49th Street to Gravesend Ship Canal, bulkhead.....	1,753
Total .....	9,198

*Borough of Queens:*

Whitestone, 16th Avenue, pier.....	9
Flushing Creek, N. S., west of causeway.....	680
Amity Street, Flushing Creek, platform.....	338
Flushing Creek .....	250

## New Wharfage Room.

Borden Avenue, platform and bulkhead.....	348
Borden Avenue, racks.....	129
Rochester Avenue, Far Rockaway, bulkhead.....	2,555
Bay View Avenue and The Strand, bulkhead and platform.....	6
Bay View Avenue and The Strand, filling.....	323
Rue de St. Felix, Wavecrest, jetty.....	8
Dickerson Avenue, Wavecrest, jetty.....	1,124
Lucia Avenue, Edgemere, jetty.....	8
Kate Avenue, Arverne, bulkhead.....	7,911
Belle Harbor, Jamaica Bay, bulkhead.....	2,760
<b>Total</b> .....	<b>16,449</b>

*Borough of Richmond:*

Arlington Avenue, bulkhead.....	7
Mersereau Avenue, pier.....	262
Davis Avenue, platform.....	10
Ives Place, walkway.....	6
Water to Prospect Streets, bulkhead.....	1,114
Houseman Avenue, bulkhead.....	8
Arrietta Street, pier widened and extended.....	930
<b>Total</b> .....	<b>2,337</b>

## SUMMARY.

<i>Borough of Manhattan:</i>	Linear feet.	Linear feet.
North River .....	1,459	
East River .....	239	
Harlem River .....	350	
<b>Total</b> .....		<b>2,048</b>
<i>Borough of The Bronx</i> .....		1,067
<i>Borough of Brooklyn</i> .....		9,198
<i>Borough of Richmond</i> .....		2,337
<i>Borough of Queens</i> .....		16,449
<b>Total wharfage room destroyed by private parties, lessees and others during the year ending December 31, 1909.....</b>		<b>31,099</b>

## RECAPITULATION.

The total new wharfage made by The City during the year ending December 31, 1909, is 6,682 linear feet.

The total amount of wharfage room destroyed by The City is 5,033 linear feet.

The total new wharfage room made by private parties, lessees and others, under permit or order from the Commissioner of Docks, is 37,422 linear feet.

The total wharfage room destroyed by private parties, lessees and others is 31,099 linear feet.



Recapitulation.

The grand total of wharfage room made by The City and private parties, lessees and others during the year ending December 31, 1909, is 44,104 linear feet.

The superficial area of The City's piers has been increased 57,352 square feet.

The superficial area of the newly made land owned by The City is 255,600 square feet.

The superficial area of the granite pavement laid down during the year ending December 31, 1909, is, for new pavement 3,972 square yards and for pavement taken up and relaid 48,601 square yards.

THE CONSTRUCTION WORK DONE BY THE DEPARTMENT OF DOCKS AND  
FERRIES DURING THE YEAR ENDING DECEMBER 31, 1909,  
IS SUMMARIZED AS FOLLOWS:

*Borough of Manhattan:*

On the North River, between West 155th and West 158th Streets (Carmansville Section), the platform and filling back of the rip-rap embankment placed by this Department has been completed, giving an additional area of 64,100 square feet of newly made land.

One pier has been extended,

One widened and extended, and

One landing platform built for the reception of American and foreign representatives attending the Hudson-Fulton celebration.

On the East River 694.68 linear feet of bulkhead wall have been built,

One platform extended, and

Two piers built at Blackwells Island.

*Borough of The Bronx:*

In the Borough of The Bronx 666 feet of wall has been built at Riker's Island,

One new pier has been constructed, and

One pier widened.

*Borough of Brooklyn:*

In the Borough of Brooklyn the dredging of pier sites, proposed slip and bulkhead wall area on the Gowanus Section, between 28th and 36th Streets, South Brooklyn, has been completed and 570.29 linear feet of bulkhead wall built, and

One pier, 150 feet in width and about 1,600 feet in length, practically completed.

At Whale Creek and Newtown Creek the work of dredging out an area of about 302,000 square feet has been started preparatory to the building of about 1,133 linear feet of wall and two piers.

One platform and

One extension to breakwater built.

*Borough of Queens:*

In the Borough of Queens the timber basin heretofore established at the Wallabout Basin, Borough of Brooklyn, was removed to Nott Avenue, Borough of Queens, the necessary dredging and removal of obstructions have been completed, and

One pier constructed at Jamaica Avenue.

*Borough of Richmond:*

In the Borough of Richmond about 954 linear feet of concrete wall was built by this Department upon the upland to connect with the approach built by the Richmond Borough authorities, as an approach to the Staten Island Ferry Terminal, and

The building of a new steel viaduct between the trolley platform and Jay Street, St. George, is under way.

*Municipal Ferry Buildings:*

The building, as well as the interior work therein, used as the Manhattan Terminal of the 39th Street, Brooklyn, Ferry, has been entirely completed and used for the purposes for which it was built.

The construction work on the Manhattan Terminal building of the Staten Island Ferry is under way and nearing completion.

Of the bulkhead, or river, wall built by the City during the year ending December 31, 1909, 695 linear feet were built on the East River, Borough of Manhattan.

In the Borough of The Bronx 666 linear feet of wall were built at Riker's Island.

In the Borough of Brooklyn 570 linear feet of wall were built, making a total of 1,931 linear feet of sea wall built by this Department in all Boroughs.

The total length of bulkhead, river or sea wall completed (measured along the granite course immediately under the coping) previous to December 31, 1909, is 59,754.06 linear feet. This total length is divided as follows:

*Borough of Manhattan:*

	Linear feet.
North River.....	23,633.84
East River.....	14,492.68
Harlem River.....	2,280.08
<i>Borough of The Bronx</i> .....	12,810.00
<i>Borough of Brooklyn</i> .....	5,310.64
<i>Borough of Richmond</i> .....	747.82
<i>Borough of Queens</i> .....	487.00
Total.....	59,762.06

Of this total length of bulkhead wall built prior to December 31, 1909, 2,263.47 linear feet were built by private parties, and 1,065.86 linear feet were built by the City at the expense of private parties.











## Apportionment of Expenditures.

* Bulkhead, 50 feet and $\frac{1}{2}$ 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, at \$600 per foot.....	Property.....	\$30,025 00	
	Interest, etc.....	30,446 80	\$60,471 80
<hr/>			
* Bulkhead, 50 feet and $\frac{1}{2}$ 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, at \$600 per foot.....	Property.....	\$30,025 00	
	Interest, etc.....	27,264 70	57,289 70
<hr/>			
* Bulkhead, 25 feet and $\frac{1}{2}$ inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Louisa D. Kane, in accordance with judgment of Supreme Court, at \$600 per foot.....	Property.....	\$15,012 54	
	Interest, etc.....	14,544 90	29,557 44

*Between Clarkson and Leroy Streets, North River.*

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, at \$500 per foot.....	Property.....	\$37,500 00	
	Interest, etc.....	14,591 74	52,091 74
<hr/>			
* Bulkhead, 50 feet and $\frac{1}{2}$ 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, at \$600 per foot.....	Property.....	\$30,025 00	
	Interest, etc.....	31,554 94	61,579 94
<hr/>			
* Bulkhead, 75 feet and $\frac{3}{4}$ inch in length, taken by Department in 1877 for improvement. Payment therefor made August 11, 1892, to Cecilia L. Nottbeck, in accordance with judgment of Supreme Court, at \$800 per foot.....	Property.....	\$45,037 50	
	Interest, etc.....	44,854 29	89,891 79

*Between Leroy and Morton Streets, North River.*

Bulkhead, 75 feet and $\frac{1}{2}$ 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, at \$480 per foot.....	Property.....	\$36,030 00	
	Interest, etc.....	21,730 29	57,760 29
<hr/>			
Bulkhead, 75 feet and 2 inches in length, taken by Department in 1877 for improvement. Payment therefor made March 22, 1895, to Thomas S. Clark and others, in accordance with judgment of Supreme Court, at \$475 per foot.....	Property.....	\$35,704 16	
	Interest, etc.....	26,167 98	61,872 14
<hr/>			
Bulkhead, 50 feet in length, taken by Department in 1878 for improvement. Payment therefor made July 14, 1898, to Goldsborough Banyer, as executor of Harriet Banyer White, and others, in accordance with judgment of Supreme Court, at \$500 per foot.....	Property.....	\$25,000 00	
	Interest, etc.....	21,367 98	46,367 98

\* Known as the Langdon suits.

## Apportionment of Expenditures.

*Between Morton and Barrow Streets, North River.*

Bulkhead, 75 feet and $\frac{3}{4}$ inch in length, taken by Department in 1876 for improvement. Payment therefor made January 23, 1894, to John S. McLean and Mary J. Halstead, in accordance with judgment of Supreme Court, at \$500 per foot.....	Property.....	\$37,531 25	
	Interest, etc.....	29,288 70	\$66,819 95
<hr/>			
Bulkhead, 25 feet and $\frac{3}{4}$ 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, at \$500 per foot.....	Property.....	\$12,510 41	
	Interest, etc.....	10,020 01	22,530 42
<hr/>			
Bulkhead, 25 feet and $\frac{3}{4}$ 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, at \$500 per foot.....	Property.....	\$12,510 41	
	Interest, etc.....	10,020 02	22,530 43
<hr/>			
Bulkhead, 75 feet and $\frac{3}{4}$ 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, at \$500 per foot.....	Property.....	\$37,531 24	
	Interest, etc.....	29,290 72	66,821 96

*Between Charles and Perry Streets, North River.*

Bulkhead, 23 feet 6 inches in length, acquired March 31, 1900, by agreement, from Mary E. Dutel and others, at \$500 per foot	Property.....	\$11,750 00	
	Law charges, etc.....	750 55	12,500 55
<hr/>			
Bulkhead, 69 feet in length, acquired March 31, 1900, by agreement, from Farmers' Loan and Trust Company, at \$500 per foot	Property.....	\$34,500 00	
	Law charges, etc.....	2,165 10	36,665 10

*Between Perry and West Eleventh Streets, North River.*

Bulkhead, 89 feet 6 inches in length, acquired January 3, 1896, by agreement, from Amanda Josephine Budke, at \$475 per foot.....	Property.....	\$42,512 50	
	Law charges, etc.....	123 25	42,635 75
<hr/>			
Bulkhead, 23 feet in length, acquired July 27, 1896, by agreement, from Charles N. and Emory F. Lane, at \$450 per foot....	Property.....	\$11,100 00	
	Law charges, etc.....	84 95	11,184 95
<hr/>			
Bulkhead, 45 feet 6 inches in length, acquired February 8, 1897, by agreement, from Isabel Brockner Tyte, at \$450 per foot.....	Property.....	\$20,475 00	
	Law charges, etc.....	1,218 66	21,693 66
<hr/>			
Bulkhead, 43 feet 3 inches in length, acquired December 10, 1894, by agreement, from Henry Chastain, at \$450 per foot...	Property.....	\$19,462 50	
	Law charges, etc.....	354 13	19,816 63

*Between West Eleventh and Bank Streets, North River.*

Block between West Eleventh and Bank streets and West street and Thirteenth avenue, acquired October 4, 1898, by condemnation, from Eugene A. Hoffman, viz.: Bulkhead, 196 feet and 7 inches in length, at \$500 per foot..... Land, buildings, fixtures, etc.	Property.....	\$855,920 10	
	Interest, etc.....	108,247 83	
	Cost of condemnation.	16,989 90	
		<hr/>	981,157 83





## Apportionment of Expenditures.

*Between Bloomfield and Little West Twelfth Streets, North River.*

Lands, uplands, etc., acquired April 15, 1904, by condemnation, from the Equitable Life Assurance Society of the United States, viz.:		Property.....	\$325,550 00	
Lands, etc.....	\$325,000 00	Interest.....	13,781 61	
Fixtures.....	550 00			
Lands and improvements, acquired May 18, 1904, by condemnation, from Ambrose K. Ely, etc., viz.:		Property.....	795,429 78	
Lands, etc.....	\$769,802 53	Interest.....	35,294 77	
Fixtures.....	15,848 78	Cost of condemnation.	33,285 57	
Leaseholds.....	9,778 47			\$1,203,341 73

*Between Little West Twelfth and West Thirteenth Streets, North River.*

Bulkhead and uplands, acquired January 23, 1903, by condemnation, from William Waldorf Astor and others, viz.:		Property.....	\$974,183 89	
Bulkhead, 228½ feet in length	\$123,227 90	Interest.....	12,068 18	
Uplands, improvements, etc.	850,955 99	Cost of condemnation.	12,876 12	
				999,128 19

*Between West Thirteenth and West Fourteenth Streets, North River.*

Bulkhead and uplands, acquired December 15, 1903, by condemnation, from Ann, Mary M. and Cornelius Le Roy White, viz.:		Property.....	\$1,195,618 34	
Bulkhead, 228½ feet in length	\$114,333 34	Interest.....	31,996 18	
Uplands, improvements, etc.	1,081,285 00	Cost of condemnation.	18,408 27	
				1,246,022 79

*Between West Fourteenth and West Fifteenth Streets, North River.*

Bulkhead, etc., acquired December 15, 1903, by condemnation, from Winthrop Astor Chandler and others, viz.:		Property.....	\$972,458 12	
Bulkhead and upland, 211 5-6 feet in length.....	\$954,408 12	Interest.....	15,397 24	
Leaseholds.....	17,050 00	Cost of condemnation.	8,100 65	
				995,956 01

*Between West Fifteenth and West Eighteenth Streets, North River.*

Condemnation proceedings.....				41,752 02
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*Between West Eighteenth and West Twenty-third Streets, North River.*

Bulkhead, etc., acquired August 1, 1906, by condemnation, from sundry owners, viz.:		Property.....	\$2,194,808 99	
Bulkhead, 971 feet 7 inches in length.....	\$643,750 00	Interest.....	498,953 04	
Land and improvements.....	1,440,367 63	Cost of condemnation.	66,283 27	
Buildings.....	91,177 36			
Leaseholds.....	15,200 00			
Fixtures.....	4,314 00			
Uplands, etc., acquired March 1, 1907, by condemnation from Mary Patterson and Thomas G. Patterson and others, viz.:		Uplands, etc.....	\$198,015 00	
		Ice plant and fixtures.	88,750 00	
		Interest.....	63,570 75	
		Cost of condemnation.	4,776 88	
				3,115,157 93

## Apportionment of Expenditures.

*Between West Twenty-third and West Twenty-fourth Streets, North River.*

Bulkhead, 202½ feet in length, acquired December 14, 1892, by agreement, from Clement C. Casimir de R. and Katherine T. Moore, at \$500 per foot.....	Property.....	\$101,250 00	
	Law charges, etc.....	528 30	\$101,778 30

*Between West Twenty-fourth and West Twenty-fifth Streets, North River.*

Bulkhead, etc., 202.57 feet in length, taken by Department in 1881 for improvement. Payment therefor made December 11, 1899, to William M. Kingsland and others, in settlement of judgment of Supreme Court.....	Property.....	\$130,000 00	
	Interest, etc.....	49,856 68	179,856 68

*Between West Twenty-fifth and West Twenty-sixth Streets, North River.*

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.....	Property.....	\$65,000 00	
	Interest, etc.....	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.....	Property.....	\$65,000 00	
	Interest, etc.....	20,792 31	85,792 31

*Between West Twenty-sixth and West Twenty-seventh Streets, North River.*

Bulkhead, 202.57 feet in length, acquired February 24, 1891, by agreement, from George de Forest Lord and Horace S. Ely, executor, etc.....	Property.....	\$120,000 00	
	Law charges.....	114 75	120,114 75

*Between West Twenty-eighth and West Twenty-ninth Streets, North River.*

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.....	Property.....	\$43,066 66	
	Interest, etc.....	2,898 09	45,964 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.....	Property.....	\$21,533 33	
	Interest, etc.....	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.....	Property.....	\$21,533 33	
	Interest, etc.....	1,648 52	23,181 85

*Between West Twenty-ninth and West Thirtieth Streets, North River.*

Bulkhead, 60 feet and ½ 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.....	Property.....	\$25,517 70	
	Interest, etc.....	1,797 01	27,314 71

## Apportionment of Expenditures.

*Between West Thirty-third and West Thirty-fourth Streets, North River.*

Bulkhead, 101 feet in length, acquired June 17, 1890, by agreement, from William K. and Cornelius Vanderbilt.....	} Property.....	\$10,000 00	\$10,000 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.....		Property.....	\$110,000 00
	Interest.....	2,534 58	
	Cost of condemnation.....	4,548 74	

*Between West Thirty-fourth and West Thirty-fifth Streets, North River.*

Condemnation proceedings.....	137 00
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*Between West Thirty-fifth and West Thirty-sixth Streets, North River.*

Condemnation proceedings.....	10 00
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*Between West Thirty-ninth and West Fortieth Streets, North River.*

Condemnation proceedings.....	6 30
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*Between West Fortieth and West Forty-first Streets, North River.*

Condemnation proceedings.....	6 30
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*Between West Forty-first and West Forty-second Streets, North River.*

Condemnation proceedings.....	425 88
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*Between West Forty-second and West Forty-third Streets, North River.*

Bulkhead, 200 feet and 10 inches in length, acquired August 8, 1905, by condemnation, from the Forty-second Street and Grand Street Ferry Railroad Company, a corporation.....	} Property.....	\$215,000 00	227,772 74	
		Interest.....		3,655 00
		Cost of condemnation.....		9,117 74

*Between West Forty-fifth and West Forty-sixth Streets, North River.*

Condemnation proceedings.....	2 50
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*Between West Fifty-first and West Fifty-second Streets, North River.*

Bulkhead, 200 feet and 10 inches in length, acquired March 7, 1895, by agreement, from executors of the estate of James Brown. Price per foot, \$475.....	} Property.....	\$95,395 83	95,637 13
		Law charges.....	

*Between West Fifty-third and West Fifty-fourth Streets, North River.*

Bulkhead, etc., 260 feet and 10 inches in length, acquired September 7, 1893, in accordance with judgment of United States Circuit Court, from Mary J. Van Auken, in settlement of alleged rights.....	} Property.....	\$2,500 00	2,530 00
		Law charges.....	

## Apportionment of Expenditures.

*Between West Fifty-fourth and West Fifty-fifth Streets, North River.*

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.....	Property.....	\$7,500 00	\$7,500 00
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*Property Opposite Riverside Park, Acquired Under Provisions of Chapter 152, Laws of 1894:*

Upland and land under water north of West Seventy-seventh street, acquired April 1, 1901, by condemnation, from Frances H. Tobias and others.....	Property.....	\$660 36	
	Interest.....	3 85	
	Cost of condemnation.....	43 75	707 96

Bulkhead, 204½ feet in length, upland and land under water between West Eightieth and West Eighty-first streets, acquired August 30, 1899, by condemnation, from Ella Smith and Kate Bloxham.....	Property.....	\$166,045 20	
	Interest.....	2,584 12	
	Cost of condemnation.....	11,040 36	179,669 68

Land under water, 100 feet and 1 inch, next south of West Ninety-fifth street, between Twelfth and Thirteenth avenues, acquired April 1, 1901, by condemnation, from executors of Hugh Smith.....	Property.....	\$52,968 66	
	Interest.....	308 98	
	Cost of condemnation.....	3,509 71	56,787 35

Upland and land under water, etc., 201 feet and 5 inches in length, between West Ninety-fifth and West Ninety-sixth streets, acquired April 1, 1901, by condemnation, from Eugene Higgins and others.....	Property.....	\$160,975 00	
	Interest.....	939 02	
	Cost of condemnation.....	10,704 40	172,618 24

Bulkhead, 201 5-6 feet in length, between West Ninety-sixth and West Ninety-seventh streets, acquired October 12, 1899, by condemnation, from John D. and Thos. E. Crimmins.....	Property.....	\$150,144 99	
	Interest.....	3,444 90	
	Cost of condemnation.....	9,986 80	163,576 69

Upland and land under water, 100 feet and 11 inches next north of West Ninety-seventh street, acquired April 1, 1901, by condemnation, from the Consolidated Ice Company.....	Property.....	\$52,837 00	
	Interest.....	308 21	
	Cost of condemnation.....	3,505 68	56,650 89

*At Whitehall Street.*

Ferry terminal, improvements, structures, piers and racks, etc., acquired by agreement, May 16, 1905, from the Rapid Transit Company.....	.....	.....	125,000 00
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Part of piers, old 2 and 3, E. R., bulkhead between piers old 2 and 3, E. R., and lower half of bulkhead between piers old 3 and new 4, E. R.....	Part payments on property.....	\$185,091 12	
	Interest.....	30,417 92	
	Cost of condemnation.....	10,774 16	226,283 20

*At Broad Street Section.*

Part of pier, old 4, near foot of Broad street, acquired December 21, 1901, by condemnation, from Elbridge T. Gerry, Almy G. Gallatin and others.....	Property.....	\$80,000 00	
	Interest.....	5,439 81	
	Cost of condemnation.....	4,710 43	90,150 24

Part of pier, new 7, at upper side of Coenties slip, acquired September 3, 1901, by condemnation, from Stephen Decatur and others.....	Property.....	\$159,600 00	
	Interest.....	7,980 00	
	Cost of condemnation.....	4,865 21	172,445 21

*At Old Slip Section.*

Lower half of bulkhead between piers, new 7 and old 9, E. R., acquired May 21, 1907, by condemnation from Stephen Decatur and others.....	Property.....	\$17,629 50	
	Interest.....	2,230 11	
	Cost of condemnation.....	59 17	19,918 78

## Apportionment of Expenditures.

Upper half of bulkhead between piers, new 7 and old 9, piers old 9 and old 10, and the bulkhead between, and the lower half of the bulkhead between piers old 10 and old 11, acquired May 21, 1907, from Stephen Decatur and others. ....	Property.....	\$600,000 00	
	Interest.....	66,710 52	
	Cost of condemnation.....	11,410 96	
		<hr/>	\$678,121 48
Pier old 11 and part of bulkhead between piers old 10 and old 11.....	Part payments on property.....	\$184,329 99	
	Interest.....	32,674 86	
	Cost of condemnation.....	7,028 40	
		<hr/>	224,033 25
Part of pier, old 12, foot of Gouverneur lane, acquired November 12, 1902, by condemnation, from Moses Taylor Pyne and others	Property.....	\$70,500 00	
	Interest.....	8,565 71	
	Cost of condemnation.....	4,219 29	
		<hr/>	83,285 00
Bulkhead between piers old 12 and old 13, E. R., pier old 13, E. R., and lower half of bulkhead between piers old 13 and old 14, E. R., acquired August 14, 1909, from William H. Seibert and George S. Hill, Executors, and acquired August 26, 1909, from Moses Taylor Pyne and others.....	Wharfage rights.....	\$172,942 44	
	Interest.....	47,616 54	
	Cost of condemnation.....	11,076 40	
		<hr/>	231,635 38
Bulkhead (upper half) between piers 13 and 14, pier 14 and bulkhead between piers 14 and new 12, E. R., acquired June 28, 1909, from Trustees of William C. Schermerhorn.....	Property.....	\$227,213 30	
	Interest.....	60,703 72	
	Cost of condemnation.....	7,762 04	
		<hr/>	295,679 06
Part of pier, old 15, at lower side of Wall street, acquired March 21, 1903, by condemnation, from Augustus Newbold Morris and others.....	Property.....	\$127,500 00	
	Leaseholds.....	4,250 00	
	Interest.....	24,395 23	
	Cost of condemnation.....	4,627 28	
		<hr/>	160,772 51
<i>At Maiden Lane Section.</i>			
Piers old 16 and old 17, E. R., and the bulkheads between piers, old 16 and old 17 and between piers, old 17 and old 18, E. R....	Property.....	\$600,000 00	
	Interest.....	134,425 37	
	Cost of condemnation.....	10,073 96	
		<hr/>	744,499 33
Pier old 18, at lower side of Maiden Lane, acquired March 7, 1906, by condemnation, from Phebe Anna Murray, executrix, and others.....	Property.....	\$103,104 00	
	Interest.....	11,650 64	
	Cost of condemnation.....	5,469 59	
		<hr/>	120,224 23
Upper half of pier old 19 at Fletcher street, lower half of pier old 20 at lower side of Burling slip and the bulkhead between, acquired September 25, 1906, by condemnation, from the Kennedy Estate Company, Limited, viz.: Piers and bulkhead..... \$267,211 45 Structural value of half the shed on pier 20..... 7,005 96	Property.....	\$274,217 41	
	Interest.....	28,966 74	
	Cost of condemnation.....	8,605 62	
		<hr/>	311,789 77
<i>At Fulton Street Section.</i>			
Part of Pier, old 23, acquired by condemnation, July 6, 1905, from the executors of William C. Schermerhorn.....	Property.....	\$94,460 00	
	Interest.....	7,383 50	
	Cost of condemnation.....	4,790 20	
		<hr/>	106,633 70
Bulkhead, 181 feet in length, between east side of pier, old 23, and west side of pier, old 24, acquired July 6, 1905, by condemnation, from Virginia E. Ver Planck and others, at \$350 per foot.....	Property.....	\$63,350 00	
	Interest.....	1,467 43	
	Cost of condemnation.....	3,978 23	
		<hr/>	68,795 66
<i>At Peck Slip Section.</i>			
Part of pier, old 24, acquired July 6, 1905, by condemnation, from Virginia E. Ver Planck and others.....	Property.....	\$77,385 00	
	Interest.....	11,452 82	
	Cost of condemnation.....	9,574 10	
		<hr/>	98,411 92

## Apportionment of Expenditures.

Part of pier, old 26, acquired August 19, 1904, by condemnation, from Louisa M. Gerry, Eugene A. Hoffman and others. . . . .	Property.....	\$77,705 00	
	Interest.....	7,381 95	
	Cost of condemnation.....	3,518 83	
		<hr/>	\$88,605 78
Pier, old 28, near Dover street.....	Law charges.....		50
<i>At James Slip Section.</i>			
Pier, old 32, bulkhead between piers, old 32 and 33, and pier, old 33.....	Cost of condemnation.....		1,433 31
<i>At Catharine Street Section.</i>			
Pier, old 35 (east half), acquired October 4, 1898, by condemnation, from Eugene A. Hoffman.....	Property.....	\$89,000 00	
	Interest.....	10,984 07	
	Cost of condemnation.....	6,065 31	
		<hr/>	106,049 38
Bulkhead, 109.69 feet in length, acquired December 18, 1899, by condemnation, from Eugene A. Hoffman.....	Property.....	\$25,000 00	
	Interest.....	2,662 50	
	Cost of condemnation.....	4,618 16	
		<hr/>	32,280 66
<i>At Market Street Section.</i>			
Pier, old 36.....	Cost of condemnation.....		4,936 26
Bulkhead, 63 feet in length, acquired April 27, 1889, by agreement, from William F. Bridge and others.....	Property.....	\$6,300 00	
	Law charges.....	180 85	
		<hr/>	6,480 85
Bulkhead, 303 5-6 feet in length, and pier, old 39, acquired January 28, 1901, by condemnation, from The Screw Dock Company.....	Property.....	\$291,680 00	
	Interest.....	1,769 31	
	Cost of condemnation.....	11,765 75	
		<hr/>	305,215 06
Bulkhead west of pier, old 40.....	Law charges.....		12 59
Bulkhead, 51 1/4 feet in length, acquired April 11, 1901, by agreement, from The Protestant Episcopal Church Missionary Society	Property.....	\$12,812 50	
	Law charges.....	97 66	
		<hr/>	12,910 16
<i>At Rutgers Street Section.</i>			
Pier, old 42, and bulkhead, 444.68 feet in length, acquired by condemnation January 14, 1905, from New York Floating Dry Dock Company.....	Property.....	\$658,782 02	
	Interest.....	38,180 58	
	Cost of condemnation.....	1,740 88	
		<hr/>	698,703 48
<i>At Jefferson Street Section.</i>			
Pier, old 45, etc.....	Cost of condemnation.....		14 25
Part of bulkhead. (W. A. Freeborn estate).....	Cost of condemnation.....		14 25
Part of bulkhead, including pier, old 47, acquired February 28, 1903, by agreement, from Mary Bell.....	Property.....	\$175,000 00	
	Interest, etc.....	23,844 58	
		<hr/>	198,844 58
Part of bulkhead. (Muhlenbergh estate).....	Cost of condemnation.....		14 25
Bulkhead, 48 feet in length, acquired January 29, 1901, by agreement, from James Keese.....	Property.....	\$9,600 00	
	Law charges.....	61 38	
		<hr/>	9,661 38
Bulkhead, 88 feet in length, acquired June 22, 1901, by condemnation, from Amelia Stuyvesant and others.....	Property.....	\$11,482 13	
	Leaseholds.....	6,205 88	
	Interest, etc.....	150 33	
	Cost of condemnation.....	2,255 95	
		<hr/>	20,094 29
Part of bulkhead, including pier, old 49.....	Cost of condemnation.....		14 25

## Apportionment of Expenditures.

Bulkhead, 277 5-6 feet in length, acquired August 24, 1903, by agreement, from the New York, New Haven & Hartford Railroad Company.....	Property.....	\$57,500 00	
	Law charges.....	272 25	
		<hr/>	\$57,772 25
<i>Between Montgomery and Jackson Streets, East River.</i>			
Pier, old 50.....	Cost of condemnation.....		6 00
Pier, old 51.....	Cost of condemnation.....		3,117 19
Bulkhead between piers, old 51 and 52.....	Cost of condemnation.....		12 81
Pier, old 52 (east half) at upper side of Gouverneur slip, acquired October 1, 1907, by condemnation, from Jean B. Jennings and others.....	Property.....	\$38,635 00	
	Interest.....	4,958 14	
	Cost of condemnation.....	4,240 96	
		<hr/>	47,834 10
Bulkhead between piers, old 52 and 53.....	Cost of condemnation.....		250 74
Pier, old 53.....	Cost of condemnation.....		2,759 10
Part of pier, old 54, acquired October 31, 1901, by agreement, from Maurice D. Barry.....	Property.....	\$25,000 00	
	Law charges.....	188 18	
		<hr/>	25,188 18
Bulkhead, 141 feet in length, including one-half of pier, old 62, acquired December 22, 1892, by agreement, from James W. Smith and Equitable Life Assurance Society of New York.....	Property.....	\$70,000 00	
	Law charges.....	59 68	
		<hr/>	70,059 68
Bulkhead on Tompkins street north of Stanton street.....	Examination of title.....		500 00
<i>Between East Houston and Fifth streets, East River.</i>			
Bulkhead between East Houston and Third streets.....	Cost of condemnation.....		50 00
Bulkhead between Third and East Fourth streets.....	Maps for condemnation purposes.....		103 71
Bulkhead between East Fourth and Fifth streets.....	Maps.....		187 26
<i>Between East Thirteenth and East Fourteenth Streets, East River.</i>			
Maps for condemnation purposes.....			236 97
<i>Between East Eighteenth and East Twenty-second streets, East River.</i>			
Upland and land under water between the upper line of East Eighteenth and lower line of East Nineteenth streets, acquired May 18, 1903, by condemnation, from John U. Brookman.....	Property.....	\$47,175 00	
	Interest.....	7,194 18	
	Cost of condemnation.....	1,547 34	
		<hr/>	55,916 52
Bulkhead, 240 feet in length, between the upper line of East Eighteenth and lower line of East Nineteenth streets, acquired May 18, 1903, by condemnation, from John U. Brookman.....	Property.....	\$80,400 00	
	Interest.....	12,261 00	
	Cost of condemnation.....	2,637 12	
		<hr/>	95,298 12
Pier and bulkhead foot of East Nineteenth street, acquired May 18, 1903, by condemnation, from John U. Brookman.....	Property.....	\$120,000 00	
	Interest.....	18,300 00	
	Cost of condemnation.....	3,941 06	
		<hr/>	142,241 06



## Apportionment of Expenditures.

Bulkhead, 265 feet in length, between East Nineteenth and East Twentieth streets acquired May 18, 1903, by condemnation, from John U. Brookman.....	Property.....	\$79,500 00	
	Interest.....	12,123 75	
	Cost of condemnation.....	2,607 60	
		<hr/>	\$94,231 35
Bulkhead between East Twentieth and East Twenty-first streets, acquired August 15, 1903, by condemnation, from the Consolidated Gas Company.....	Property.....	\$80,850 00	
	Interest.....	13,501 95	
	Cost of condemnation.....	7,821 97	
		<hr/>	102,173 92
Pier and bulkhead foot of East Twenty-first street, acquired August 31, 1903, by condemnation, from the Consolidated Gas Company.....	Property.....	\$76,800 00	
	Interest.....	15,244 80	
	Cost of condemnation.....	4,096 75	
		<hr/>	96,141 55
Bulkhead between East Twenty-first and East Twenty-second streets, acquired August 31, 1903, by condemnation, from the Consolidated Gas Company.....	Property.....	\$29,050 00	
	Interest.....	5,766 42	
	Cost of condemnation.....	1,549 58	
		<hr/>	36,366 00
Upland and land under water filled in between East Twenty-first and East Twenty-second streets, acquired August 31, 1903, by condemnation, from the Consolidated Gas Company.....	Property.....	\$61,158 00	
	Interest.....	12,139 86	
	Cost of condemnation.....	3,261 26	
		<hr/>	76,559 12
Bulkhead between East Twenty-second and East Twenty-third streets.....	Maps.....		19 08
<i>Between East Twenty-fifth and East Twenty-sixth Streets, East River.</i>			
Bulkhead, 197½ feet in length, acquired February 6, 1893, by agreement, from Julius A. Candee, John M. Canda and George Moore Smith.....	Property.....	\$70,000 00	
	Law charges.....	324 45	
		<hr/>	70,324 45
<i>Between East Forty-ninth and East Fiftieth Streets, East River.</i>			
Maps for condemnation purposes.....			95 41
<i>Between East Fiftieth and East Fifty-first Streets, East River.</i>			
Maps for condemnation purposes.....			81 56
<i>Harlem River.</i>			
Bulkhead between East One Hundred and Fourth and East One Hundred and Fifth streets.....	Cost of condemnation.....		3,865 82
Premises at foot of north half of East One Hundred and Fourteenth street, acquired June 19, 1895, by agreement, from Oliver Bryan.....	Property.....	\$1,500 00	
	Law charges.....	99 00	
		<hr/>	1,599 00
Property between East One Hundred and Twentieth and East One Hundred and Twenty-fourth streets.....	Maps for conveyance..		67 21
Certain land in vicinity of Sherman's Creek, lying southerly of Academy street, acquired July 21, 1897, by agreement, from Robert G. Dun.....	Property.....	\$3,000 00	
	Law charges.....	103 25	
		<hr/>	3,103 25

## Apportionment of Expenditures.

Bulkhead foot of Seventh avenue, acquired October 31, 1904, by judgment, from Nathaniel Whitman and others.....	Property.....	\$39,203 32	
	Interest, etc.....	307 10	
		<hr/>	\$39,510 42

## BOROUGH OF THE BRONX.

Land under water at Fordham road, H. R.....	Maps for acquisition.....		145 92
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## BOROUGH OF BROOKLYN.

For land and land under water extending from the south line of Twenty-eighth street to the south line of Thirty-sixth street, and from the west line of Second avenue to the pier-head line of 1890, acquired by agreement from J. Archibald Murray, March 6, 1908, viz.: 4,242,264 square feet at \$1.10.....	Property.....	\$4,666,490 40	
	Law charges.....	8,957 69	
		<hr/>	4,675,448 09
Lands, etc., between Thirty-sixth and Thirty-ninth streets.....	Maps for acquisition.....		206 02
Ferry property of the Thirty-ninth street South Brooklyn Ferry, acquired October 26, 1906, by agreement.....	Property.....	\$750,126 60	
	Insurance of title.....	941 25	
		<hr/>	751,067 85
For land and land under water extending from the centre line of Fifty-ninth street, southerly, a length of about 422 feet 3 inches, and between the west side of First avenue and the pier-head line, acquired by agreement from the Lotus Realty Company, March 2, 1908, viz.: 770,259 square feet at \$1.10.....	Property.....	\$847,284 90	
	Law charges.....	1,235 53	
		<hr/>	848,520 43
Water front at Hamilton avenue.....	Maps for condemnation purposes.....		182 48
Water front at Hudson avenue.....	Search of title.....		285 00
Water front at Whale Creek acquired.....			460,895 18
Maps for ferry premises at Broadway.....			239 39

## BOROUGH OF QUEENS.

For property, not owned by the city, between a point 104 feet 8¼ inches north of the north line of Jamaica avenue and a point 94 feet south of the south line of Jamaica avenue, and between the west side of the Boulevard and the pier and bulk-head line of 1857, acquired November 2, 1908, by agreement, from Anthony McOwen.....	Property.....	\$84,500 00	
	Law charges, etc.....	320 05	
		<hr/>	84,820 05
Water-front at Broadway, Astoria.....	Maps.....		7 90

## BOROUGH OF RICHMOND.

Ferry terminal at St. George, including improvements, structures, uplands, bulkhead rights, etc., acquired May 16 and 18, 1905, by condemnation, from the Rapid Transit Ferry Company and the Staten Island Rapid Transit Railway Company.....	Property.....	\$575,000 00	
	Cost of condemnation.....	3,714 29	
		<hr/>	578,714 29
Lands and improvements, etc., at Canal street, Stapleton, acquired October 1, 1907, by condemnation, from Staten Island Railway Company.....	Property.....	\$98,723 20	
	Interest.....	9,997 49	
	Cost of condemnation.....	3,293 78	
		<hr/>	112,014 47
Lands and improvements, etc., at Ferry street, Port Richmond, acquired October 2, 1907, by condemnation, from John H. Starin and others.....	Property.....	\$43,720 00	
	Interest.....	786 96	
	Cost of condemnation.....	3,169 46	
		<hr/>	47,676 42

## Apportionment of Expenditures.

Land under water at Summerfield avenue, Mariners' Harbor, acquired April 28, 1904, by grant from Commissioners of Land Office.....	} Maps of grant.....	\$38 49
Land under water at Bard avenue, West New Brighton, acquired April 28, 1904, by grant from Commissioners of the Land Office.....	} Maps of grant.....	38 49
Land under water at Tyson street, Sailors' Snug Harbor, acquired April 28, 1904, by grant from Commissioners of the Land Office.....	} Maps of grant.....	41 87
Land under water at Jersey street, New Brighton.....	} Maps for acquisition...	23 07
Land under water at Arietta street, Tomp- kinsville.....	} Maps for acquisition...	26 17
Land under water at Shore road, Rossville.	Maps for acquisition...	42 00
Total, including \$10,098.39 for maps, surveys, etc.....		<u>\$32,331,291 18</u>

JAMES WEIR, Apportionment Clerk.



REPORT

OF THE

**CHIEF ENGINEER**



## OFFICE OF CHIEF ENGINEER.

HON. CALVIN TOMKINS, *Commissioner of Docks:*

SIR—I have the honor to submit the following report of work done under the charge and supervision of the Chief Engineer for the year ending December 31, 1909.

## WORK OF CONSTRUCTION.

## NORTH RIVER.

During the past year the Boat Landing within the Battery Breakwater has been maintained.

*Between Battery Place and Cortlandt Street.*—Plans have been under consideration for the improvement of the waterfront between Battery Place and Cortlandt Street, North River. The amended plan for this section of the waterfront between Battery Place and Carlisle Street was adopted by the Commissioner of Docks on the 17th of September, 1903, and approved by the Commissioners of the Sinking Fund on October 16, 1903.

*Cedar Street Section.*—Extending from about midway between Carlisle and Albany Streets, northerly to a point about 40 feet southerly of the northerly line of Cedar Street, a distance of about 335 feet.

The Commissioner of Docks entered into an agreement with the owners of one-half interest of Piers Old 12 and 14; agreement approved by the Commissioners of the Sinking Fund July 1, 1902, which places The City in possession of the waterfront from Liberty to Albany Streets, about 334 feet in length.

The wall at this section was completed for its entire length, and Pier 11 was partially completed in 1905. A temporary ferry rack was placed at the outer end of the work as then done for the use of the Central R. R. Co. of New Jersey. That Company having completed its ferry terminal at the foot of Liberty Street, the temporary ferry rack at the outer end of Pier 11 has been removed, and the work of completing the pier as originally intended has been in progress during the year.

*Between Cedar and Cortlandt Streets.*—An amended plan for the improvement of the waterfront between these two streets was prepared some time since and forwarded, but no action was taken in the matter. An amended New Plan to the New Plan of 1871 was prepared, establishing an area of waterfront improvements in this locality, and forwarded on the 12th of March, 1909, but as yet no action has been taken thereon.

*Liberty Street Section.*—Commencing at the northerly side of Pier Old 14, N. R., and extending northerly a distance of about 173 feet. Action of the Commissioner, December 10, 1902, B. O. 919. The bulkhead wall in this section was completed during the year 1907, and a bulkhead shed was constructed between Liberty and Albany Streets. Extensive improvements in this locality have been made by the Central R. R. Co. of New Jersey in the erection of an up-to-date and well-equipped ferry terminal. This terminal has been completed, and an overhead foot bridge has been built from the easterly side of West Street over and across the street to the second floor of the new ferry terminal. When the improvement which is shortly to be begun by the Pennsylvania R. R. Co. at the foot of Cortlandt Street is completed it will give the City practically an uninterrupted Marginal Street for a distance of more than three miles northerly from the above location.

*Sections between Dey and West 34th Streets, inclusive, on which the bulkhead or river wall has been completed are as follows:*

SECTION.	Length of "E" Course, or Top Course of Granite Under Coping.
Dey Street—extended .....	20.00
Dey Street .....	241.90
West Washington Market.....	578.17
Barclay Street (work done by private parties) .....	153.05
Barclay Street—extended .....	139.07
Park Place .....	226.24
Murray Street .....	160.40
Warren Street .....	246.26
Chambers Street .....	651.80
Jay Street .....	216.67
Franklin Street .....	415.95
North Moore Street.....	340.23
Beach Street .....	196.00
Laight Street .....	595.43
Desbrosses Street (work done by private parties) .....	414.78
Watts Street .....	65.00
Watts Street—extended.....	125.00
South Canal Street (work done by private parties) .....	131.03
Canal Street—extended .....	145.62
Canal Street .....	333.74
Spring Street .....	139.92
Charlton Street .....	406.74
Old King Street.....	148.41
New King Street.....	114.49
Lower Clarkson Street.....	152.91
Houston Street .....	109.89
Upper Clarkson Street.....	102.51
Leroy Street .....	561.46
Morton Street .....	151.33
Christopher Street .....	1,095.22
Gansevoort Street .....	2,054.32
Chelsea .....	3,729.64
West Twenty-third Street—South end.....	1,229.64
West Twenty-third Street—North end.....	615.42
West Thirty-first Street .....	257.50
West Thirty-second Street .....	515.00
West Thirty-third Street .....	98.75
West Thirty-fourth Street .....	198.75
Total .....	17,078.24





CHELSEA IMPROVEMENT, LOOKING SOUTH FROM WEST 23RD STREET, NORTH RIVER.



This makes a stretch of bulkhead or river wall completed about 17,000 feet, or over three miles. These sections include all the piers between Pier 13 and the foot of West Thirty-fourth Street, most of which have been extended to the pierhead line as established by the United States Government. A list of these extensions was given in the Annual Reports for the years 1901 and 1907.

*Chambers Street, N. R.*—The Metropolitan Street Railway Co. having discontinued the use of its tracks, the tracks in the vicinity of Chambers Street were removed.

*Piers 38 and 40, N. R.*—The unused car tracks at these piers, the property of the New York Central & Hudson R. R. Co., have been removed.

*Oyster Basin.*—The Oyster Basin built for the oyster boats by The City between Gansevoort and Bloomfield Streets during 1898 and 1900 has been maintained and kept in repair during the year.

*Chelsea Section.*—Extending from the northerly side of Bloomfield Street to the southerly side of West 23d Street, a distance of about 3,729 feet.

The work on this section has been pushed forward rapidly, and at the present time the bulkhead wall and the nine piers are completed. By the completion of the bulkhead at this section a continuous stretch of wall, as given in the prior table, intercepted only by the New West Washington Market, is made from Dey Street to West 34th Street.

A number of years ago the Department was confronted with the serious condition of having no property along the North River on which to build additional piers to accommodate the increased trans-Atlantic trade, where the immense ships which were then being built could be berthed and where the longer ones which were contemplated could be cared for. The only location where this necessary improvement was possible was along the stretch of waterfront from Bloomfield Street northerly to about the foot of West 22d Street. The distance between the pierhead line and the bulkhead line at this locality was not sufficient to permit the carrying on of any extensive improvement without an extension of the pierhead line outshore a distance of 200 feet. This the United States Government refused to sanction and The City was thereby compelled to condemn and buy property inshore consisting of upland upon which were located city streets, buildings, huge gas tanks, etc. All of this property not owned by The City, together with all buildings, was necessarily acquired by The City in fee. The numerous buildings were sold at public auction and removed from the line of the work. Dredging was then done, transforming in this way the upland land into land under water, in order to obtain piers of the necessary length. A large part of this area and the mud outshore was dredged to a depth of 40 feet at mean low water, and the bulkhead or river wall for about 3,600 feet has been built. The area in the rear of this wall has been filled in, a Marginal Street created and the same paved. Nine piers have been built by the Department, eight of them varying from 800 to 825 feet in length and from 50 to 125 feet in width. These piers were all completed in 1906, and at the present time large double-deck steel freight sheds on the piers and bulkhead platforms have just been completed under four separate contracts.

The sheds are footed upon the deck of the timber piers, which are of the standard type, except that the plank floor is covered with a heavy reinforced concrete slab, surfaced with asphalt. The whole development of this section will comprise nine sheds extending into the river and a bulkhead shed about 2,900 feet along the Marginal Street. The construction of the sheds is similar for the different piers, the only variation being the width and length. The framing is all steel, the doors made of wood and sheathed

with metal, the second-story floor reinforced concrete, surfaced with asphalt, and the roof made of wood sheathing painted on the underside with fireproofing paint, covered with slag. Apart from the magnitude of the work, there are several new features which distinguish these sheds from any built up to this time. The main columns are continued up through the roof and located so as to form substantial cargo hoists for the whole length. A continuous line of tricing doors is provided for both floors, and so arranged that practically the whole side can be opened.

The steel front of the bulkhead shed is constructed of steel framing and reinforced concrete with a pink granite base seven feet high, and is more elaborate from an architectural point of view than any other built in The City of New York up to this time.

These sheds involve the use of 32,930 tons of steel, which is distributed as follows:

Pier No. 53 and bulkhead.....	1,930 tons.
Pier No. 54.....	2,900
“ “ 56.....	2,900
Bulkhead .....	1,200
	<hr/>
	7,000 tons.
Pier No. 57.....	3,630
“ “ 58.....	3,630
“ “ 59.....	3,630
Bulkhead .....	1,910
	<hr/>
	12,800 tons.
Pier No. 60.....	3,500
“ “ 61.....	3,500
“ “ 62.....	1,800
Bulkhead .....	2,400
	<hr/>
	11,200 tons.
	<hr/>
Total .....	32,930 tons.

A comparison of the actual cost and the estimated cost of these freight sheds is as follows:

Pier No.	Contract.	Engineer's Est.	Contract Price.	Contractor.
53	1156	\$285,000	\$247,300	McHarg-Barton Co.
54 and 56	1054	1,160,000	1,132,580	Snare & Triest Co.
57, 58 and 59	1090	1,950,000	1,829,000	R. P. & J. H. Staats
60, 61 and 62	1091	1,684,644	1,543,960	Maryland Steel Company
		<hr/>	<hr/>	
Total .....		\$5,079,644	\$4,752,840	

The floor area comprised within these nine sheds, including upper and lower decks, is as follows:

Main piers .....	1,383,500 sq. ft.
Bulkhead platforms .....	337,060 “ “
	<hr/>
Total .....	1,720,560 sq. ft.

All of these piers are at the present time being equipped with heat, light and power under Contract 1150 at a cost of \$745,000, the work for which is rapidly approaching completion. This installation involves three extensive power plants, designated Plants

A, B and C respectively. Plant A comprises two 300 K. W. and two 100 K. W. direct-current turbo-generators. Plant B comprises one 150 K. W. and one 70 K. W. direct-current turbo-generators. Plant C comprises two 150 K. W. and one 100 K. W. direct-current turbo-generators. Each unit is designed to operate, condensing at a steam pressure of 150 pounds, with a vacuum in the main exhaust pipe just outside of the turbine of 26 inches.

The piers are equipped with thirty-two cargo winches of the single-drum electric-hoist type, designed for a duty of 2,000 pounds at a speed of 250 feet per minute. Also with thirty-two coaling winches of the double-drum, reversible, electrically-driven, enclosed type, designed for a duty of 1,100 pounds at a speed of 350 feet per minute.

All of the piers, excepting Piers 53 and 62, are each equipped with four cargo and four coaling winches. Piers 53 and 62, at the southerly and northerly ends of the section, respectively, are only half-piers, that is, only one side in each case is available for wharfage. Each of these piers, therefore, is equipped with two cargo and two coaling winches.

The installation also comprises twelve passenger elevators and thirty-six freight elevators. Baggage is handled between the main vestibules and upper decks of the building along the bulkhead by means of thirteen conveyers. The pier and bulkhead buildings are all electrically lighted, and all enclosures forming rooms are steam heated on the piers and hot-water heated in the bulkhead buildings.

In Plant A, located in the bulkhead building between Piers 60 and 61, and supply ing Piers 58 to 62, inclusive, there are four boilers of the water-tube type. In Plant B there are two internally-fired boilers located in the bulkhead building adjoining Pier 57 and supplying Pier 57. In Plant C there are four internally-fired boilers in the bulkhead building between Piers 54 and 56 and supplying Piers 53, 54 and 56. All of these boilers are 250 H. P. and are furnished with mechanical draught plant, steam piping, power-plant auxiliaries and heating systems.

All of this work will be completed so that the lessees may take possession of their respective piers by the middle of March.

In addition to the work being done on the sheds, the Marginal Street within the lines of the section was paved under Contracts Nos. 1069, 1074 and 1081, and pedestrian approaches to the ferry terminals at the foot of 22d Street were constructed under Contract No. 1096. This work was done in 1908.

*Pier 72, N. R.*—The work of rebuilding this pier at the foot of 32d Street, N. R., has been supervised and the work is still in progress.

*40th Street.*—The pier at this street is being extended out to the pierhead line by the force of the Department under B. O. 7453.

*West 55th Street.*—An extension to the pier at this street is being constructed by the force of the Department outshore to the pierhead line. The work was begun on the 18th of November, 1906, and is in progress.

*Between 56th and 57th Streets.*—The Department's West 57th Street yard is situated in this locality, and during the year a concrete building has been in course of construction, it having been begun on the 28th of April, 1907. This building will be used as a blacksmith shop, power house, etc., with reinforced concrete coal pockets in the same. The old buildings formerly occupied as offices and the old buildings where the new storehouse is now located were demolished and the material taken care of.

The work of the Department done at the yard will be found further on in this report under the heading of "Department Yards."

*79th Street.*—During the year the Department force has been engaged in the construction of the inshore end of the pier at the foot of this street. The work was begun on the 28th of July, 1909, and is still in progress.

*Between 97th and 98th Streets.*—The Board of Armory Commissioners having made application for a pier in this vicinity, the Department constructed a pier 25 feet wide north of 97th Street for the accommodation of the Naval Militia. This pier was completed in 1907 and has been in use. An extension 15 feet wide has been built to the pier by the force of the Department. This extension was commenced April 8, 1908, and completed January 6, 1909. The pier has been repaired from time to time as required, and a pavement of second-hand paving blocks has been laid in this locality.

*110th Street.*—Plans were prepared and a contract awarded for building a landing platform, breakwaters, float stages and movable gangways as a water gate for the Hudson-Fulton Celebration. This work was begun on the 20th of July, 1909, and finished on the 28th of September, 1909, under Contract No. 1180.

*Claremont Section.*—Beginning at the southerly side of West 129th Street and extending to the northerly side of West 134th Street, a distance of about 1,364.09 feet.

The Board of Docks on the 16th of November, 1900, authorized the construction of the bulkhead wall at this section and the erection of two piers. This resolution was amended by action of the Commissioner of Docks on December 11, 1902, establishing new lines for the section to correspond with the new lines laid down for improvement of the water-front at this locality as approved by the Commissioners of the Sinking Fund. About 984 linear feet of wall has been completed up to the present time, leaving a balance of about 380 feet to complete the section. Holes in the rip-rap around the wooden barrel sewer have been filled.

*Pier 129th Street.*—Rip-rap has been deposited at this pier and the Department force has been engaged in extending the pier.

*West 131st Street.*—Specifications and form of contract are now being prepared for the erection of a steel freight shed to be placed on the pier at this street and on the adjacent bulkhead.

*Pier West 134th Street.*—This pier is being extended out to the pierhead line by the force of the Department.

*Carmansville Section.*—Extending from the southerly side of West 153d Street to the northerly side of West 158th Street, a distance of 1,433.89 feet.

The authorization for this section is action of the Commissioner, May 14, 1907, approved by the Commissioners of the Sinking Fund, March 20, 1907, and under B. O. 5221.

The improvement between 153rd and 158th Streets has been in progress and a rip-rap embankment 14 feet wide on top, with this top two feet above mean low water, and 25 feet easterly of the bulkhead line has been built from the southerly side of West 158th Street to the northerly side of West 155th Street.

During the year the Department force has also been engaged in the building of a bulkhead platform westerly of the wall, and earth filling has been received and placed.

*Pier 157th Street.*—The work of constructing a pier at the foot of 157th Street 60 feet wide and 200 feet long has been in progress. The work was begun June 7th, 1909, and is still under way.

*Re-Pointing Bulkhead Wall.*

It having been found necessary to re-point the bulkhead wall, the re-pointing has been done in numerous places along the waterfront on both the North and East Rivers.

## EAST RIVER.

*Whitehall Section, E. R.*—An iron slag block and granite pavement is being laid along this section under Contract No. 1186, Class I. This work was begun on the 15th of November, 1909, and is still in progress.

*Whitehall Terminal.*—On the lower section of the East River Waterfront the work of preparing for and building the Whitehall Terminal for the ferries centering at that point has been in progress. A full description will be found later under the heading of "FERRIES."

*Between Whitehall and Montgomery Streets.*—The plan for the improvement of the waterfront between these two streets has been amended. Proceedings toward the acquisition of private interests in various parcels of property have been taken. This stretch is divided into three parts, the first extending from Whitewall to Wall Street, the amended plan for which was approved by the Commissioners of the Sinking Fund on December 6, 1899. The second, extending from Wall to Catherine Streets; the amended plan for this section was approved by the Commissioners of the Sinking Fund November 14, 1900. The third portion extends from Catharine to Montgomery Streets; the amended plan for this portion was approved by the Commissioners of the Sinking Fund February 3, 1899.

*Pier 6.*—Plans, specifications and form of contract are in course of preparation for making extensive repairs to this pier.

*Waterfront between Coenties Slip and Burling Slip.*—The Commissioner of Docks on the 7th of December, 1904, authorized the construction of the bulkhead wall from the northerly side of Pier New 7, where it joins the Broad Street Section, to the westerly side of Burling Slip, E. R. This stretch of wall is divided into two sections, the Old Slip Section and the Maiden Lane Section.

*Old Slip Section.*—Extending from the northerly or upper end of the Broad Street Section to a point opposite the southerly line of Wall Street, a distance of 1,150.07 feet. No work has been done on the bulkhead wall proper at this section. This section includes Piers 8, 9, 10, 11 and 12.

*Pier 11.*—A heavy fender system has been installed at the outer corners of this pier.

*Maiden Lane Section.*—Extending from the southerly line of Wall Street, where it joins the Old Slip Section, to about the southerly line of Burling Slip, a distance of 701.67 feet. Action of the Commissioner of Docks, dated December 7th, 1904. The authorization for this stretch of wall is included in the authorization for the whole of the stretch extending from the northerly end of the Broad Street Section to the southerly side of Burling Slip. This section embraces Piers 13, 14 and 15. Temporary plank approaches to Piers 13 and 14 have been removed, and granite pavement laid on the approaches.

*Pier 15.*—The sewer which had been in course of construction by the Bureau of Sewers was completed on the 3rd of February, 1909.

*Fulton Section.*—Extending from the southerly side of Burling Slip, where it joins the Maiden Lane Section, to the westerly line of Pier Old 24, a distance of 777.94

feet. Resolution of the Board of Docks of April 26, 1901, as amended by action of the Commissioner of Docks December 7th, 1904. The work on this section was done in the year 1901 as far as it could be until property interests in the vicinity could be acquired. About 113 feet of the wall was completed in that year. Work was resumed in the year 1905, and at the present time 551.48 linear feet of bulkhead wall has been completed. This stretch of wall from the end of the Broad Street Section to the end of the New Fulton Section will, when completed, make a continuous stretch of wall of 2,629.68 feet. This section embraces Piers New 16, 17 and 18.

*Pier 18.*—A boiler house has been erected at this pier by the New York Fish Dealers' Association under permit from this Department.

*Piers 22 and 25, E. R., and Bulkhead Between.*—The Long Island R. R. Co. is erecting sheds on these piers and the bulkhead between under permit from this Department. This work was begun March 9th, 1909, and is in progress.

*James Slip Section.*—Extending from the easterly side of Oliver Street Pier, or Pier No. 25, E. R., westerly along the bulkhead line to the center line of Pier Old 31, a distance of about 326 feet. Action of Commissioner of Docks, April 30, 1907, B. O. 5191. During the present year work has been in progress on the bulkhead wall proper, and 212.40 feet of wall have been completed to date.

An old pier and platform were removed to make way for the construction of the bulkhead wall and for the construction of Pier New 25. A contract for the construction of the Oliver Street Pier, or Pier New 25, has been prepared, but as yet has not been let.

*Jefferson Section.*—Extending from the northerly side of Rutgers Slip to the southerly side of Montgomery Street, a distance of 1,237.92 feet. The authorization for this section was the resolution of the Board of Docks of February 23, 1900. On the 28th of March, 1908, the Commissioner of Docks issued B. O. 6049 directing that the work proceed in that portion of the section commencing at a point 48 feet south of Clinton Street and extending to a point 88 feet north of said street. During the year work on the bulkhead wall has been in progress, and 137 linear feet of wall has been actually completed. Earth filling has been deposited in rear of the wall built, and the inner end of Pier New 37 was rebuilt after the completion of the bulkhead wall.

*Between Montgomery Street and Gouverneur Slip.*—An amended New Plan between Montgomery and Jackson Streets E. R., adopted by the Commissioner of Docks March 2, 1908, and approved by the Commissioners of the Sinking Fund April 14, 1908, was modified by changing the lines between Montgomery Street and Gouverneur Slip. This plan narrowed Pier 39 from 60 feet in width to 50 feet, and Piers 40 and 41 from 70 feet in width to 60 feet, and established lateral platforms 10 feet in width in the slips between Piers 39 and 40, and 40 and 41.

This plan was forwarded on April 19, 1909, and again on April 28, 1909, with some modifications. It was adopted by the Commissioner of Docks on April 29, 1909, and approved by the Commissioners of the Sinking Fund May 26, 1909.

*Montgomery Section.*—This section is being built under action of the Commissioner dated January 20, 1909, B. O. 7028, which provides for the construction of three piers, Nos. 39, 40 and 41, between Montgomery Street and Gouverneur Slip, E. R., and the erection of the bulkhead wall extending from the westerly line of Pier New 39 to the easterly line of Pier New 41, a distance of about 472 feet. This work is being done by the New York, New Haven & Hartford R. R. Co. under a permit from



this Department. The work was begun on the 25th of March, 1909, and is in progress.

*Roosevelt Street.*—The Department having come into possession of the ferry house at the foot of this street, physical possession was taken on the 18th of December, 1908, and plans and specifications are being prepared for extensive work in reconstruction of the ferry at this locality.

*Corlears Section.*—The authorization for this section is action of the Commissioner of December 23, 1909, B. O. 8029. It having been thought advisable to secure increased wharfage accommodation in the locality between Jackson and Gouverneur Streets, E. R., the Commissioner of Docks has authorized the construction of the bulkhead wall in this vicinity. This work will extend from a point at the easterly side of proposed Pier 41 to the easterly side of Pier Old 54, a distance of 759.94 feet. Preparations are being made for the commencement of the work on this section.

*Improvements of the Waterfront Between 8th and 11th Streets.*—A test pile examination has been made at the foot of 10th Street, and test borings were taken for proposed improvements between 8th and 11th Streets.

*23rd Street.*—The Department having come into possession of the ferry house at the foot of this street, physical possession was taken on the 18th of December, 1908, and plans and specifications are being prepared for extensive work in reconstruction of the ferry at this locality.

*Sections between 17th and 29th Streets, E. R.*—Sections between 17th and 29th Streets, inclusive, on which the bulkhead or river wall has been completed, are as follows:

SECTION.	Length of "E" Course, or Top Course of Granite Under Coping.
East Twenty-third Street.....	2,454.86
East Twenty-fourth Street.....	340.60
East Twenty-fifth Street.....	276.24
Bellevue .....	543.81
New Bellevue .....	603.78
Total .....	4,219.29

*New Bellevue Section.*—Extending from the northerly line of East 26th Street, at the bulkhead line established by the Secretary of War in 1890, 772.50 feet to the northerly line of East 29th Street; thence westerly along the northerly line of East 29th Street 207.95 feet to the bulkhead line of 1890, a distance of 980.45 feet. Action of the Commissioner October 28, 1903, B. O. 1859, and action of Commissioner February 6, 1907, B. O. 4981.

The officials of the Bellevue and Allied Hospitals being desirous of extending the grounds of the Bellevue Hospital between 26th and 28th Streets, E. R., by reason of the extensive improvements proposed to the hospital buildings in that locality, it became necessary to modify the bulkhead line between 26th and 29th Streets. The New Plan for improving the waterfront in this locality was amended in 1903 by throwing the bulkhead line further outshore. Action of Commissioner, November 23, 1903, and approved by the Commissioners of the Sinking Fund December 16, 1903. The new bulkhead line was approved by the Secretary of War September 16, 1903, and the work of building the bulkhead wall at this section was completed for a very large portion of the whole distance of the section in 1904. This section was further ex-

tended along the foot of East 29th Street with a return along the northerly side of East 29th Street to where the line joins the established bulkhead line of 1890.

During the year work has been in progress along this section of the waterfront. 281.59 feet of wall have been built during the year, making a total of 846.40 feet of wall completed to date.

Earth filling has been placed in rear of that portion of the wall built, graded and levelled.

*Pier 29th Street.*—The inner end of this pier was rebuilt after the completion of the bulkhead wall, and an approach was built to the pier.

*Between 39th and 40th Streets.*—The New York Edison Co. has erected a house over the screen wall and constructed an ash pit and protecting structure and an ash track subway at this locality.

*East 42nd to East 53rd Streets.*—A New Plan extending from the south side of East 42d Street to the north side of East 49th Street was prepared for submission to the Commissioners of the Sinking Fund. It establishes eleven piers, each 60 feet wide, and a Marginal Street 50 feet in width from the south side of East 42nd Street to the north side of East 49th Street. This plan was forwarded April 7, 1909, and again on April 27, 1909, with revisions, but up to the present time no action has been taken thereon.

*47th Street.*—A test pile examination has been made of the waterfront in this locality for proposed improvements in the vicinity.

*East 59th Street Section.*—The authorization for this section is resolution of the Board of Docks of May 3rd, 1894. This section extends from the upper side of 59th Street to the center line of East 64th Street, a distance of about 1,460 feet. No work has been done on the wall at this section during the past year.

*Yorkville Section.*—Extending from the center line of East 64th Street to the southerly line of East 74th Street, a distance of about 2,648.22 feet. Action of the Commissioner of Docks, October 10, 1904, B. O. 2757. This section embraces a stretch of the waterfront where the steep rock slope approaches the bulkhead and pierhead line within 50 feet, making the excavation of rock necessary in order to bring the Marginal Street to its proper grade. In 1905 a contract was executed for excavating for the new Marginal Street and the work was done under the contract in that year. During the year 1907 the mud and stone were removed from the foundation area, and stone which was so removed was deposited in rear of the bulkhead wall. This removal and excavation of rock was done under Contract No. 1046, which was continued during the year 1908 and finished on the 28th of April, 1908. During the present year the work on the wall has been in progress.

Between 65th and 67th Streets coping has been set on the portion of the wall built, and between 73rd and 74th Streets coping has also been set. The total work completed during the year at this section is about 223 feet between 65th and 67th Streets, making a total of 295.69 feet completed in that locality, and 71.86 feet between 73rd and 74th Streets, making a total of 351.30 completed in that locality, or a total of 646.99 feet of wall actually completed on the entire stretch of section. This leaves a balance of about 2,000 feet still to be completed on this section.

*Blackwell Section.*—Extending from the southerly line of East 74th Street to the northerly line of East 81st Street, a distance of 1,958.03 feet. On the 10th of October, 1904, B. O. 2756, the Commissioner of Docks established a new section for the above length of waterfront, which section includes the old sections heretofore known as the "East 74th Street Section," "East 75th Street Section" and "East 77th

Street Section." The work along the old East 74th Street Section was done at the request of the Manhattan Railway Co., the occupants of the upland, who were erecting an extensive power house at that time, with the necessary coaling plant. The wall along that portion of the section is built upon rock bottom and will have a depth of about 20 feet of water in front of the same.

The work of constructing the bulkhead wall has been pushed until at present there have been completed about 1,315.47 feet of the wall, and coping set on a considerable portion of it. Earth filling has been deposited in rear of the wall between 77th and 79th Streets, and granite pavement has been laid along the waterfront.

*Pier Foot 95th Street.*—The pier at the foot of 95th Street, E. R., having required large repairs, the pier is being reconstructed by the force of the Department.

*99th Street.*—Test piles have been driven and an examination made of the waterfront in this locality to prepare data for proposed improvements in the vicinity.

#### HARLEM RIVER.

*Between 120th and 124th Streets, H. R.*—An examination of this portion of the waterfront has been made for a continuation of the improvements in this locality.

*124th Street, H. R.*—A platform with a shed thereon has been erected by the Lehigh Valley R.R. Co. under permit from this Department.

*177th Street, H. R.*—The Bronx Coal Co. is constructing a reinforced concrete wall and pile platform in this locality and erecting thereon coal pockets and trestle under permit from this Department.

*West 205th to West 215th Streets, H. R.*—A new plan extending from the south side of West 205th Street to the north side of West 215th Street, H. R., was prepared. This plan establishes eleven piers, one 40 feet in width, eight 60 feet in width, one 100 feet and one 120 feet wide, with a Marginal Street 50 feet in width. This plan contemplated the discontinuance of the exterior street as already laid out between 205th and 211th Streets, and the discontinuance of the four established basins between West 211th and West 215th Streets. The plan was forwarded May 29, 1909, but as yet no action has been taken thereon. Further plan, as described below, was forwarded in place thereof.

*From West 201st to West 215th Streets, H. R.*—A new plan extending from the south side of West 201st to the north side of West 215th Streets, H. R., was prepared, establishing a bulkhead line from the south side of West 201st to the north side of West 207th Streets, H. R., and a bulkhead line with eight piers from West 207th to West 215th Streets. Exterior street from West 201st to West 211th Streets was discontinued thereby, together with the four basins from West 211th to West 215th Streets. This plan was forwarded December 8, 1909, and at the request of the Commissioner was returned by the Sinking Fund Commission on the 23d of December, 1909, since which time no action has been taken thereon.

*Cabot Street, E. R.*—The New York, New Haven & Hartford R.R. Co. is making improvements in this locality and erecting twelve steel transfer bridges under permit from this Department.

Improvements are being made between Truxton and Tiffany Streets, E. R., by the Oak Point Land & Dock Co. under permit from this Department.

*174th Street and Bronx River.*—Heintz & Siegel have begun the construction of a pile platform and bulkhead in this locality under permit from this Department. The work at present is in progress.

WORK DONE AT THE VARIOUS ISLANDS IN THE EAST RIVER.

*Riker's Island.*—The work of building a dry stone wall on top of the rip-rap embankment at this island was completed in 1907 under Contract No. 963. This contract provided for leaving certain gaps in the wall for the use of the Street Cleaning Department. During the present year these gaps have been closed by the work done by the contractor under Contract No. 1132.

*Blackwell's Island.*—At this island various docks of the Department of Public Charities have been repaired from time to time as requested by that Department, and an extension of 25 feet to the City Hospital Dock has been made.

MARGINAL STREET.

*Marginal Street, North and East Rivers.*—The asphalt pavement at various places on the Marginal Street on the North and East Rivers has been repaired from time to time and maintained by the various paving companies which originally laid the pavement, under their bonds to keep the same in repair. Pavement along both rivers has been taken up and relaid to grade where necessary from time to time, and a contract was let for making necessary repairs to the asphalt pavement and the concrete foundation on both the North and East Rivers, and work under the same has been in progress during the year.

*Making Subsidiary Connections to Electric Light and Telegraph Poles.*—A number of cases have occurred where it has been necessary to make connections across asphalt pavement laid by this Department along the Marginal Street on both the North and East Rivers, under permits to the various companies operating subways. In every case where the pavement has been removed the work of relaying the same has been done by the company having the bond for the maintenance of that portion of the pavement where the work was done.

BOROUGH OF BROOKLYN.

*Wallabout Basin, Brooklyn.*—The completed wall in this section was begun by the former City of Brooklyn before the consolidation with this Department. It was, however, completed under the supervision of the Department of Docks and Ferries of the Greater New York as it now exists, and 2,755 feet of the bulkhead wall placed in commercial use.

*Whale Creek Improvement.*—In that section of the Borough of Brooklyn adjacent to Newtown Creek, near Greenpoint Avenue, many influential bodies have asked the Department for increased wharfage facilities. Proceedings were instituted to acquire the necessary property to secure pier room which existed only on Whale Creek, an arm of Newtown Creek. Near the mouth of Whale Creek the property to be acquired will not only enable The City to build over 1,000 feet of bulkhead, but also two piers about 700 feet long and 60 feet wide. Plans and specifications for the improvement of the waterfront in this vicinity have been prepared, and a contract, No. 1027, has been awarded for preparing for and building a new concrete bulkhead wall at the mouth of Whale Creek. This bulkhead wall will extend for a distance of about 1,105 feet. Prior to the award of this contract a contract, No. 1029, was awarded for dredging at the site of the proposed improvement at the mouth of Whale Creek, and the work is nearly completed.

*Between South 6th and South 8th Streets, Brooklyn.*—A new plan for the improvement of the waterfront at this locality was adopted by the Commissioner of Docks June 10, 1909, and approved by the Commissioners of the Sinking Fund June 30, 1909.

*Between 28th and 64th Streets, South Brooklyn.*—A plan was submitted by a former Commissioner and approved by the Commissioners of the Sinking Fund, establishing new lines for bulkheads and piers, with Marginal Street, Wharf or Place, extending from 28th to 64th Streets, South Brooklyn.

*Gowanus Section, South Brooklyn.*—Within the lines mentioned above, namely, 28th to 64th streets, has been established a section for the improvement of the waterfront known as "Gowanus Section." The authorization for this section is action of the Commissioner of Docks, September 21, 1908, B. O. 6647. This section extends from the northerly side of 28th Street to the southerly side of 36th Street, a distance of about 2,142.82 feet. A contract, No. 1148, was awarded for doing the dredging over this area, and this work of dredging was completed during the year. The actual work on the bulkhead wall has been in progress during the year. Two thousand four hundred and thirty-two vertical piles and thirty bracing piles have been driven. Masonry has been placed, and over 164 cubic feet of granite has been set. The total length of work actually completed along this section amounts to 294 feet. This section embraces piers at 29th, 30th, 31st, 33d and 35th Streets.

*29th Street, South Brooklyn.*—Plans, specifications and form of contract are in course of preparation for the construction of a new pier between 28th and 29th Streets, South Brooklyn, to be known as the 29th Street Pier. Plans are being prepared for a shed to be erected on this pier.

*Pier, 30th Street, South Brooklyn.*—A contract, No. 1209, has been prepared for building a new pier at the foot of 30th Street, South Brooklyn, to be known as the 30th Street Pier, but the contract has not yet been awarded.

*31st Street Pier, South Brooklyn.*—Arrangements having been made with the Fabre Line steamships for lease of a pier to be built between 31st and 32d Streets, South Brooklyn, a contract, No. 1095, has been awarded and the work is in progress of building a new pier in this locality, to be known as the 31st Street Pier. The work was begun on the 3d of August, 1909, and considerable progress has been made towards its completion. A contract, No. 1196, has also been prepared and awarded for building a new steel freight shed with appurtenances on this pier. The work was begun on the 27th of November, 1909, and is in progress.

*33d Street Pier, South Brooklyn.*—A contract, No. 1202, has been awarded for building a new pier at the foot of 33d Street, South Brooklyn, to be known as the 33d Street Pier.

*35th Street, South Brooklyn.*—Plans, specifications and form of contract have been prepared for building a pier near the foot of 35th Street, South Brooklyn, but this contract is held in abeyance awaiting the further development of the bottom conditions at the site of the proposed work.

*28th to 36th Streets, South Brooklyn.*—An amended new plan between 28th and 36th Streets, adopted by the Commissioner of Docks June 5, 1908, and approved by the Commissioners of the Sinking Fund June 30, 1908, was amended so that the 29th Street Pier was widened 20 feet on the south side, becoming 80 feet wide instead of 60 feet. This plan was forwarded January 19, 1909, adopted by the Commissioner of Docks February 17, 1909, and approved by the Commissioners of the Sinking Fund March 16, 1909.

*36th Street, South Brooklyn.*—The work of building an extension inshore of the bulkhead along the Eighth Ward Market site is in progress by the president of the

Borough of Brooklyn. This work was begun on the 24th of December. Cellar dirt is being dumped in the vicinity, and the sewer is being extended by the Johns-Manville Co.

*Gold Street, Brooklyn.*—Plans, specifications and form of contract are in course of preparation for widening and extending the pier at the foot of this street.

*North 1st and North 2d Streets, Brooklyn.*—A new plan establishing two piers 50 feet and 60 feet in width, and an area of waterfront improvement, was prepared for this locality and forwarded February 4, 1909. Adopted by the Commissioner of Docks February 4, 1909, and approved by the Commissioners of the Sinking Fund March 1, 1909.

*Greene Street, Brooklyn.*—The existing pier in this locality was removed and a new pier constructed by the New York Canning Co. under permit from this Department.

*Pier 52, Erie Basin, Brooklyn.*—The John N. Robbins Co. have erected a pier and established a floating dry dock in this vicinity. The work was begun in 1908 and completed in the early part of this year.

*43d and 51st Streets, Brooklyn.*—The work of building five piers with adjoining bulkheads at this locality has been completed by the Bush Terminal Co. under permit from this Department, and two transfer buildings and racks are being built by the same company.

*Canal Avenue, between 35th and 36th Streets, Coney Island Creek.*—Somerville & Somerville are constructing a sheet-pile bulkhead in this vicinity and filling in thereat. Work was begun on the 29th of September, 1909, under permit from this Department, and is in progress.

An extensive survey is being made of the waterfront of this Borough.

Other work done by private parties in the Borough of Brooklyn has been supervised, and The City's property has been kept in good condition and repair.

#### BOROUGH OF QUEENS.

*Jamaica Avenue, Queens.*—The Department force took possession of the property in the vicinity of Jamaica Avenue, Queens, pending the construction of a new pier, and a contract, No. 1181, was awarded for the construction of a pier at this locality and the work was completed on the 23d of December.

*Lawrence Point, Queens.*—The Astoria Light, Heat and Power Co. has a permit for building piers and bulkheads in the vicinity of Lawrence Point. During the year work has been in progress.

*Belle Harbor, Rockaway Point, Queens.*—The West Rockaway Land Co. is placing filling on the upland in this vicinity, and the Neponsit Realty Co. is dredging and filling in west thereof.

*Kate Avenue, Jamaica Bay.*—Sheet-pile bulkhead has been built by the Summerville Realty Co. at this locality under permit from this Department, and at Arverne are filling in the upland.

*Jamaica Bay, Queens.*—The work of surveying the shore line of Jamaica Bay, with its 200 miles of waterfront and two or three thousand acres of islands, has been in progress during the year. These islands in the bay are the property of The City of New York, and permits have been issued by the Department of Docks and Ferries for the occupation of lots for clubhouses, summer homes, fishing houses, etc., until about 500 permits have been issued.

Other work done by private parties in the Borough of Queens has been supervised and a general survey of the waterfront made.

#### BOROUGH OF RICHMOND.

*St. George, S. I.*—A building and hose tower have been erected on the northerly tying-up platform of the St. George terminal by the fire department under permit from this Department.

*Stapleton, S. I.*—A sheet-pile bulkhead is being constructed about 430 feet east of Front Street and north of Water Street by Thomas and Henry K. S. Williams under permit from this Department.

*Mariners' Harbor, S. I.*—A pier was built at the foot of Mesereau Avenue, Mariners' Harbor, by the Burlee Dry Dock Co. under permit from this Department.

Other work done by private parties in the Borough of Richmond has been supervised and the City's property has been kept in good order and repair.

#### FERRIES.

*Roosevelt, Grand and 23d Street Ferries, E. R.*—The old ferry company having discontinued the running of their Interborough ferries from these points to Brooklyn, the Department, on the 18th of December, 1908, took physical possession of these properties and placed watchmen in charge thereof. Contracts have been prepared for the extensive reconstruction of these ferry properties.

#### STATEN ISLAND FERRY.

The municipalizing of the Staten Island Ferry having been accomplished during the year 1905, the necessary work on the terminals for both the Manhattan and the St. George end of the ferry has been one of the principal features of the work during the year. At Whitehall Street, in the Borough of Manhattan, the construction of the ferry structures was completed during a former year, and a contract let for the erection of the necessary ferry terminal at this ferry. The plans for this structure contemplate the erection of a ferry terminal similar in architectural design and finish to that erected at the Whitehall Terminal of the 39th Street, South Brooklyn, Ferry. These two structures form the end of a continuous ferry terminal covering all the ferry slips in this locality, the whole work when completed making a stretch of ferry concentration covering seven slips. Other work has been done by the force of the Department at this locality in the general care of the ferry property.

Contract No. 1099, with The Snare & Triest Company, for preparing for and building the Manhattan Terminal of the Staten Island Ferry, is rapidly approaching completion.

At St. George, S. I., the ferry structure and terminal proper were completed under former Contracts Nos. 896 and 942.

It having been thought advisable to make alterations in the stairways leading from the lower deck to the concourse, plans, specifications and form of contract have been prepared for constructing railings, gates and stairways in the ferry house at St. George. This contract is known as Contract No. 1213, but has not yet been awarded.

Steam ashes from the ferryboats have been deposited under the North and South Shore steam railroads and under the ferry platform at St. George to fill the void space which formerly existed in this locality.

*New Steel Viaduct at St. George.*—A contract, No. 1197, has been awarded for building a new steel viaduct at St. George between the trolley platform and Jay Street, and the work has been begun and is in progress.

*New Concrete Wall at St. George.*—The Department force during the past year has been engaged in building a new concrete wall parallel with South Street to join the wall already built by the Richmond Borough authorities. No granite is used in the construction, the entire work being made of concrete moulded in place. This wall rises from the deck level of the ferry platform to a height of about 18 or 20 feet, where it joins the wall already built. It is constructed with two concrete walls built upon piles and is filled in with steam ashes taken from the ferryboats. The face of this wall is paneled, and has on the top a parapet of 2½ feet rising above the level of the interior roadway. This wall is a particularly good piece of construction and shows up to great advantage. When the fill between the two walls is completed it is proposed to pave this roadway with granite blocks on a concrete base. Transverse drains have been placed at certain stated distances across the roadway between the wall to take off the surface drainage.

At Stapleton, Staten Island, no work has actually been done during the year and the ferry proposition at this point is held in abeyance, beyond the fact that during the year the running of a line of ferryboats to this point has been put in operation.

A new plan for improving the waterfront in the vicinity of Richmond Avenue, Port Richmond, was amended by the Commissioner of Docks on the 14th of October, 1903, and approved by the Commissioners of the Sinking Fund on the 18th of November, 1903. Property in this location has been previously acquired, but no work has yet been done on the actual construction of the ferry structures at this location with the idea of extending the ferry service to this point. The Department force during the year has taken test borings along the waterfront in this vicinity for the proposed improvements.

*39th Street Ferry, South Brooklyn.*—On the 10th of November, 1906, the City secured possession of the 39th Street Ferry to South Brooklyn and has been operating that ferry as a Municipal Ferry since that date. The old boats were used until the completion of the three new steel screw-propelling ferryboats which were built during the year 1907 under Contract No. 1003.

At the 39th Street portion of the Whitehall Terminal the work of building the new ferry structure has been completed, and an iron slag block and granite pavement has been laid along the Marginal Street in this vicinity.

Specifications and form of contract have been prepared for the erection of office enclosures on the top floor and an elevator for use in connection therewith, but the contract has not yet been let.

At the South Brooklyn end of the 39th Street Ferry the construction of the ferry terminal building was completed in 1908 under Contract No. 1022.

A double-track extension to the trolley railroad, including overhead wiring, etc., has been built under Contract No. 1169, allowing the cars at 39th Street, South Brooklyn, to be brought down to the terminal building.

#### GENERAL REPAIRS.

During the year numerous repairs have been made to various pieces of property on the North, East and Harlem Rivers and in the Boroughs of Brooklyn, Queens and Richmond, and general orders have been issued for keeping The City's property in repair during the year.



## RECREATION STRUCTURES.

The recreation structures on the North, East and Harlem Rivers and Brooklyn have been maintained and cared for during the year, and have been repaired and painted from time to time. A contract has been prepared for making extensive repairs greatly needed to these structures, but the contract has not yet been let.

## FLOATING PROPERTY.

A full list of the floating property is submitted in the Appendix, sundry repairs have been made to various pieces of floating property, and floating property generally cared for. The floating plant has been increased by the purchase of a motor launch known as the "Jamaica Bay." This launch is 21 feet long by a breadth of 5 feet 6 inches, with a draught of 30 inches.

## SURVEYING PARTY.

During the year the routine work of the Surveying Party has been attended to, which consisted in giving all lines, grades, etc., for the construction of the bulkhead or river wall at the various sections on the North and East Rivers; for the construction of new piers and crib bulkheads; the laying of asphalt and Belgian block pavements, and for all work of general repairs done by the Department. In connection with the above work it was necessary to frequently verify the base line and bench marks, and also establish new ones. A complete survey of the waterfront of the Boroughs of The Bronx, Brooklyn, Queens and Richmond is in progress. Operations in making initial surveys during the year have been in progress in Jamaica Bay, in the Boroughs of Brooklyn and Queens. And in the Borough of Queens the work of initial survey from North Beach easterly to the city line of Bayside has been continued. A resurvey of the waterfront of Long Island City from Newtown Creek to Astoria has been made and the information is being plotted. In addition, resurveys have been made from time to time, as necessity demanded, in the Borough of Manhattan. The quantities of sand, broken stone, rip-rap, cobble, etc., used in the work of construction have been measured and calculated. An approximate total of 403,538 linear feet of waterfront has been surveyed. In addition to this, 53,361 linear feet of new base line have been established, also 932,064 linear feet of secondary base line have been run. The following table shows how the work of survey has been divided among the various boroughs:

	Waterfront Survey.	Base Lines Established.	Secondary Base Lines.
Borough of Manhattan:			
North River .....	95,014	.....	654,258
East River .....	74,347	10,872	154,047
Harlem River .....	10,361	2,380	14,900
Total .....	179,722	13,252	823,205
Borough of The Bronx.....	54,095	.....	19,160
Borough of Brooklyn.....	16,134	10,773	45,414
Borough of Queens.....	91,885	25,400	35,061
Borough of Richmond.....	11,702	4,436	9,224

All dredging done by lessees, private parties and others under order or permit from the Commissioner of Docks has been supervised and a record kept of the depths of water made. Soundings have been taken for the purpose of establishing the amount of dredging required, and rod soundings have been taken frequently in connection with the same.

Below is a tabulated statement showing the number of soundings taken over the waterfront of The City of New York during the past year:

Borough of Manhattan:	Disc Soundings.	Rod Soundings.
North River .....	67,375	1,938
East River .....	35,114	13,400
Harlem River .....	12,692	4,446
Borough of The Bronx.....	979	583
Borough of Brooklyn.....	130,499	6,725
Borough of Queens.....	44,249	5,302
Borough of Richmond.....	3,419	767

Automatic tide gauges have been in constant operation during the past year, and the records of same are on file in this office. The object of taking these records is to furnish data from which the correct tidal range at any part of the waterfront may be obtained, and the results used from time to time on work of construction and for future reference. These tide gauges are at present located at the following places:

*Borough of Manhattan.*—Pier "A," N. R.; West 23d Street, N. R.; West 57th Street, N. R.; Yonkers, N. R.; Grand Street, E. R.; East 24th Street, E. R.; Ward's Island, E. R.; 3d Avenue bridge; Broadway bridge.

*Borough of The Bronx.*—Morris Heights; East 138th Street; Baychester; Pelham Bay.

*Borough of Brooklyn.*—39th Street Ferry.

*Borough of Queens.*—College Point, E. R.; Astoria, E. R.; Norton's Creek, Jamaica Bay; Seaside, Jamaica Bay.

*Borough of Richmond.*—St. George and Summerfield Avenue.

An anemometer, weather vane and electrical register, located at Pier "A," N. R., have been in operation during the year and the records of the same filed.

#### DEPARTMENT YARDS.

*West 57th Street Yard.*—Fifteen thousand eight hundred and forty barrels of Portland cement were received at this yard for the work of the Department. Five thousand four hundred and seventy-three batches of concrete were made and 207 concrete blocks fabricated. Various stores and supplies were issued and received as usual, and a large number of tests have been made on the Department's testing machines.

Six thousand nine hundred and sixty-three tons of coal have been received during the year at this yard and at various places along the waterfront, as called for in the deliveries. Work has been done at this yard in the construction of a concrete building, a description of which will be found in a former part of this report under the heading "Between West 56th and West 57th Streets, N. R."

The yard has been maintained in good order and condition.

*East 24th Street Yard.*—Twelve thousand nine hundred barrels of Portland cement were received and stored in this yard. Four thousand eight hundred and sixty-four batches of concrete were made and 157 concrete blocks were fabricated. All of the granite used in the Department has been received in this yard and cut as required. Stores and supplies have been received and issued as necessary, and the yard has been maintained in good order and condition.

## TIMBER AND PILE BASINS.

Timber and piles furnished under the various contracts and orders have been received and issued and inspected at the timber and pile basins. The old material storage basin at the Wallabout was maintained during the year until the 10th of December, when it was abolished and a new timber basin was established at Nott Avenue, Borough of Queens.

## EXAMINATION OF PLANS SUBMITTED BY PRIVATE PARTIES.

One very important feature of the work in the office of the Chief Engineer is the examination of and passing upon the merits of plans submitted by private parties for general work along the waterfront of the several boroughs. During the past year there have been submitted and examined 193 plans, divided as follows:

Borough of Manhattan .....	69
Borough of The Bronx .....	27
Borough of Brooklyn .....	62
Borough of Queens .....	22
Borough of Richmond .....	13

The total number of plans submitted for each year since formation of Greater New York is as follows:

1898 .....	61
1899 .....	117
1900 .....	120
1901 .....	113
1902 .....	207
1903 .....	234
1904 .....	191
1905 .....	160
1906 .....	225
1907 .....	173
1908 .....	177
1909 .....	193

These totals show plainly the development of the waterfront for private commercial parties since consolidation.

## 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 the harbors of the United States. Under this law a Board of United States Engineers was organized to fix the lines in the harbor of New York City and adjacent waters. The actions of this Board regarding the bulkhead and pierhead lines in New York City are fully recorded in the Annual Report of 1898 up to and including that year. The actions of this Board covering the period from 1898 to 1905 are fully recorded in the Annual Report for 1905. The action of this Board from 1905 to 1908 are fully recorded in the Annual Report for 1908. These three statements, namely, that of 1898, 1905 and 1908, form a complete record of the actions of this Board for the time covered. During the year 1909 the following changes were made:

On June 4, 1909, maps were forwarded to accompany an application from the Commissioner of Docks to the Secretary of War, with a modification of the pierhead and bulkhead lines between the south side of East 61st Street and the centre line of East 64th Street, Borough of Manhattan. This modification was granted by the Secretary of War, August 11, 1909.

On December 16, 1908, maps were forwarded to accompany an application from the Commissioner of Docks to the Secretary of War for an extension to the pierhead and bulkhead lines, as established by the Secretary of War in 1890, covering the waterfront along the southerly end of Blackwell's Island. This application was denied by the Secretary of War in 1909.

On May 5, 1909, maps were forwarded to accompany an application from the Commissioner of Docks to the Secretary of War for the establishment of pierhead and bulkhead lines around City Island, Borough of The Bronx. This application has been denied.

#### NEW PLAN MAPS AND CHANGES IN LINE.

##### BOROUGH OF MANHATTAN.

A new plan extending from the south side of East 42d Street to the north side of East 53d Street, establishing eleven piers, each 60 feet in width and a Marginal Street 50 feet in width from the south side of East 42d Street to the north side of East 49th Street, was forwarded on April 7, 1909, and again on April 27, 1909, with revision. No action has yet been taken thereon.

The amended new plan between Montgomery and Jackson Streets, E. R., adopted by the Commissioner of Docks, March 2, 1908, and approved by the Commissioners of the Sinking Fund, April 14, 1908, was modified by narrowing Pier 39 from 60 feet to 50 feet in width, and Piers 40 and 41 from 70 feet to 66 feet in width, and by establishing lateral platforms 10 feet in width in the slip between Piers 39 and 40 and Piers 40 and 41. This plan was adopted by the Commissioner of Docks on April 29, 1909, and approved by the Commissioners of the Sinking Fund May 25, 1909.

A new plan map extending from the south side of West 205th Street to the north side of West 215th Street, H. R., Borough of Manhattan, was prepared and forwarded May 29, 1909. This plan completed the establishment of eleven piers, varying from 40 feet to 150 feet in width, together with a Marginal Street 50 feet in width and the discontinuance of the exterior street, as already laid out, between West 205th Street and West 211th Street, and the discontinuance of the four established basins between West 211th and West 215th Streets. No action was taken thereon, and a further new plan, as described below, was prepared in place thereof. A new plan map, extending from the south side of West 201st Street to the north side of West 215th Street, H. R., Borough of Manhattan, was forwarded December 8, 1909, but at the request of the Commissioner of Docks was returned by the Commissioners of the Sinking Fund, December 23, 1909. The preparation of plans for the further development of this stretch of waterfront is now in progress.

An amended new plan to the new plan of 1871 was prepared, establishing an area for waterfront improvement between Cortland and Cedar Streets, N. R. No action has been taken thereon.

An amended new plan between Gansevoort and Bloomfield Streets in the vicinity of the Oyster Basin at this point was prepared, establishing three new piers between Piers New 52 and 53, N. R. This plan was adopted by the Commissioner of Docks, June 11, 1909, and approved by the Commissioners of the Sinking Fund, June 30, 1909.

Studies for a new plan between West 137th and West 153d Streets are now in course of preparation.

#### BOROUGH OF BROOKLYN.

A change of line map was prepared for the 29th Street Pier, Gowanus Section, widening the pier on the south side from 60 to 80 feet. This plan was adopted by the Commissioner of Docks, February 17, 1909, and approved by the Commissioners of the Sinking Fund, March 16, 1909.

A new plan establishing two piers 50 and 60 feet in width and an area for waterfront improvement between North First Street and Metropolitan Avenue was adopted by the Commissioner of Docks, February 4, 1909, and approved by the Commissioners of the Sinking Fund, March 1, 1909.

Various studies for a new plan between South 6th and South 9th Streets were made and forwarded on various dates during the year, and one was finally adopted by the Commissioner of Docks, June 10, 1909, and approved by the Commissioners of the Sinking Fund, June 30, 1909, providing for an area of waterfront improvement from the south side of South 9th Street to the line of City property north of the north line of South 6th Street.

The new plan adopted by the Commissioner of Docks, May 31, 1906, and approved by the Commissioners of the Sinking Fund, June 30, 1906, was modified by change of bulkhead lines between 54th and 55th Streets, the discontinuance of two piers 150 feet in width between 54th and 56th Streets, and the establishing in place thereof two piers, one 60 feet in width and the other 100 feet in width. This plan was forwarded December 8, 1909; but as yet no action has been taken thereon.

#### SUMMARY.

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

##### Borough of Manhattan:

On the North River.....	23,633.84
On the East River.....	14,492.68
On the Harlem River.....	2,280.08
In the Borough of Brooklyn.....	5,310.64
In the Borough of The Bronx.....	12,810.00
In the Borough of Queens.....	487.00
In the Borough of Richmond.....	747.82

Total bulkhead wall built.....	59,762.06
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Of this amount 2,263.47 linear feet were built by private parties, 1,065.86 linear feet have been built by The City at the expense of private parties, and 3,599 linear feet built by other Departments. This total includes 8,084 linear feet of retaining structure at Riker's Island and 747.82 linear feet of wall built at Canal Street, Stapleton, Borough of Richmond. In the Borough of The Bronx 1,879 linear feet of concrete wall have been built around North Brothers Island.

The total new wharfage room made by The City during the year is 6,682 linear feet. That made by private parties is 37,422 linear feet, making a total of new wharfage room made by The City and private parties for the year of 44,104 linear feet. The old wharfage room destroyed by The City in making new improvements is 5,033 linear feet. The superficial area of The City's piers has been increased 57,352 square feet. The

superficial area of the granite pavement laid down during the year ending December 31, 1909, is, for new pavement 3,972 square yards and for pavement taken up and relaid 48,601 square yards. Superficial area of the new made land owned by The City is 255,600 square feet.

On the North River one pier has been extended, one widened and extended and one landing platform built.

On the East River one platform was extended and two piers built at Blackwells Island.

In the Borough of The Bronx one pier has been constructed and one pier widened.

In the Borough of Brooklyn one pier is practically completed, one platform built and one extension to breakwater built.

In the Borough of Queens one pier has been constructed.

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 the granite on hand, received and issued.

A summary of the work done for other Departments.

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

A summary of the work done in the Draughtsmen's room, office of the Chief Engineer.

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

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

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

A table of the dredging done by lessees and owners during the year by order or under permit from the Commissioner 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 from the Commissioner of Docks or from the former Board of Docks.

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 Commissioner or former Board of Docks.

Very respectfully,

CHAS. W. STANIFORD,

*Chief Engineer.*

## APPENDIX.

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### SUMMARY OF THE JOURNAL OF THE WORK

FOR THE

YEAR ENDING DECEMBER 31, 1909.

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WORK OF CONSTRUCTION UNDER THE NEW PLAN

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NORTH RIVER WATERFRONT.

CEDAR STREET SECTION.

Action of Commissioner, December 10, 1902.

GENERAL CHARGE.

September 15, 1905, to June 8, 1909.—Under Bureau Order 3593, the Department force leveled off and graded earth filling delivered by The Phoenix Construction and Supply Co. at Cedar Street, N. R.

Construction under "New Plan."

*Approach to Pier New 10, N. R.*

December 18, 1908, to October 18, 1909.—Under Bureau Order 6800, the Department force made repairs to planking on approach to Pier New 10, N. R.

PIER NEW 11, N. R.

Under Bureau Order 2478.

The Department force were engaged in the construction of pier.

Drove, regulated and stay-lathed 342 yellow pine piles.

10,014 cubic yards of rip-rap were inspected and placed under Contract No. 1152.

Work was originally begun September 23, 1904, and is still in progress.

CHELSEA SECTION.

Resolution of the Board, December 28, 1900.

*Contract No. 1054.*

For building sheds on Piers 54 and 56, N. R.

Begun on October 7, 1907, and finished on December 14, 1909.

*Contract No. 1090.*

For building sheds on Piers 57, 58 and 59.

Begun on January 31, 1908, and finished on December 21, 1909.

*Contract No. 1091.*

For building sheds on Piers 60, 61 and 62.

Begun on January 31, 1908, and finished on December 29, 1909.

*Contract No. 1156.*

For building shed on Pier 53, N. R.

Begun on April 5, 1909. In progress; about 80 per cent. completed.

*Contract No. 1150.*

For furnishing and installing mechanical and electrical equipment on Piers 53 to 62, N. R., both inclusive.

Begun on July 1, 1909. In progress; about 90 per cent. completed.

*B. O. 6811.*

Placing extra steel mooring posts on the Chelsea Section piers from Piers 54 to 62, inclusive.

Begun on July 10, 1908; finished on January 28, 1909.

*B. O. 6101.*

Constructing runways under the bulkhead pier extensions of Piers 54 to 59, inclusive, with ladders and hatchways through the pier decks, for the use of firemen in case of necessity.

Begun on April 25, 1908; finished on July 10, 1909.



## Construction under "New Plan."

*B. O. 7530.*

Placing signs on first and second decks of pier and bulkhead sheds of the Chelsea Section, designating the safe limits of loading for those decks.

Begun and finished in December, 1909.

*B. O. 7720.*

Placing backing logs at outer ends of Piers 58 to 62, inclusive.

Begun on September 10, 1909, and finished on September 21, 1909.

Repairing and relaying pavement on the Marginal Street between W. 12th and W. 23d Streets, N. R.

16,961 square yards of pavement were taken up and relaid on sand foundation.

880 square feet of bridging were taken up and relaid.

## PIER NEW 72, N. R.

Under Bureau Order 6997.

February 2 to December 31, 1909.—The rebuilding of Pier New 72, N. R., was supervised. The work is still in progress.

## WEST 41ST STREET SECTION.

Action of Commissioner, January 16, 1904.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,*

*West 41st Street Section, in Linear Feet.*

Length of Section, 257.5 Linear Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....		60	197.5
Stone filling—Cobble.....		..	257.5
“ “ Rip-rap .....		..	257.5
Piling and woodwork—Vertical piles.....		60	197.5
“ “ “ Bracing piles.....		60	197.5
“ “ “ Sawing piles.....		60	197.5
“ “ “ Long caps.....		..	257.5
“ “ “ Cross caps.....		..	257.5
“ “ “ Cap deck.....		..	257.5
Masonry—Base blocks.....		56	201.5
“ Chain holes.....		56	201.5
“ Granite, A B course.....		..	257.5
“ “ C “ .....		..	257.5
“ “ D “ .....		..	257.5
“ “ E “ .....		..	257.5
“ Coping .....		..	197.5
“ Concrete backing.....		..	257.5
“ Pointing .....		..	600.0
Backing logs.....		..	197.5
Work actually completed.....		..	.....

## Construction under "New Plan."

## WEST 42D STREET SECTION.

Resolutions of Board, September 3, 1891, September 2, 1898, June 27, 1899.

Action of Commissioner, January 14, 1904.

## BULKHEAD WALL PROPER.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,**West 42d Street Section, in Linear Feet.*

Length of Section, 621.67 Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....		621.67	.....
Stone filling—Cobble.....		621.67	.....
“ “ Rip-rap .....		621.67	.....
“ “ Derrick stone.....		200.83	.....
Piling and wookwork—Vertical piles.....		621.67	.....
“ “ “ Bracing piles.....		621.67	.....
“ “ “ Sawing piles.....		621.67	.....
“ “ “ Longitudinal capping....		516.60	.....
“ “ “ Transverse capping.....		516.60	.....
“ “ “ Cap decking.....		516.60	.....
“ “ “ Grillage .....		105.07	.....
Masonry—Base blocks.....		621.67	.....
“ Chain holes.....		621.67	.....
“ Granite, A B course.....		512.60	.....
“ “ C “ .....		512.60	.....
“ “ D “ .....		512.60	.....
“ “ E “ .....		512.60	.....
“ Concrete backing.....		512.60	.....
“ Coping .....		241.00	.....
“ Pointing .....		512.60	.....
“ Concrete in place of granite.....		109.07	.....
Backing logs.....		241.00	.....
Work actually completed.....		621.67	.....

## GENERAL CHARGE.

The force of the Department were engaged in repairing approach to ferry foot of 42d Street, N. R.

Painting Engineer's Office and repaired roof of same.

## PIER, WEST 55TH STREET.

B. O. 4752.

The Department force were engaged in building extension to pier foot of 55th Street, N. R.

Construction under "New Plan."

Drove, regulated and stay-lathed 6 yellow pine piles, 46 oak piles.

Work was originally begun November 14, 1906, and is still in progress.

## WEST 59TH STREET SECTION.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,  
West 59th Street Section, in Linear Feet.*

Length of Section, 320.83 Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....	.....	125.32	195.51
Stone filling—Cobble.....	.....	125.32	195.51
“ “ Rip-rap .....	.....	125.32	195.51
Piling and woodwork—Vertical piles.....	.....	125.32	195.51
“ “ “ Bracing piles.....	.....	65.02	195.51
“ “ “ Sawing piles.....	.....	125.32	195.51
“ “ “ Grillage .....	.....	125.32	195.51
Masonry—Base blocks.....	.....	125.32	195.51
“ Chain holes.....	.....	125.32	195.51
“ Concrete face wall.....	.....	125.32	195.51
Backing logs.....	.....	.....	200.83
Work actually completed.....	.....	125.32	195.51

## PIER, WEST 79TH STREET.

B. O. 7598.

July 26 to December 31, 1909.—The Department force were engaged in the construction of inshore end in accordance with "New Plan" of pier foot of 79th Street, N. R.

Drove, regulated and stay-lathed 158 yellow pine piles and 27 oak piles.

The work is still in progress.

## PIER, WEST 97TH STREET.

B. O. 6087.

April 9, 1908, to January 14, 1909.—The Department force were engaged in paving area with second-hand paving blocks for the Naval Militia.

B. O. 6088.

April 8, 1908, to January 26, 1909.—The Department force were engaged in constructing an extension 15 feet in width for the Armory Board.

B. O. 7275.

May 29 to August 18, 1909.—The Department force were engaged in making repairs to landing stage used by the Armory Board at 97th Street, N. R.

## Construction under "New Plan."

B. O. 5685.

August 28, 1908, to July 1, 1909.—The Department force were engaged in making necessary repairs to pier foot of 97th Street, N. R.

Drove, regulated and stay-lathed 10 oak piles.

B. O. 7287.

April 17 to 21, 1909.—The Department force were engaged in taking three lines of test piles at 97th Street, N. R.

## WEST 110TH STREET, N. R.

Contract No. 1180.

July 20 to September 28, 1909.—The work of preparing for and building a landing platform, breakwater, float stages and movable gangways with appurtenances at the foot of 110th Street, N. R., and for furnishing and depositing rip-rap thereat by the Phoenix Construction Company, the contractors, has been done.

## CLAREMONT SECTION.

Resolution of Board, November 16, 1900.

## BULKHEAD WALL PROPER.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,  
Claremont Section, in Linear Feet.*

Length of Section, 1,364.09 feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....		984	380.09
Stone filling—Cobble .....		984	380.09
“ “ Cobble in rear of wall.....		984	380.09
“ “ Rip-rap .....		984	380.09
Piling and woodwork—Vertical piles.....		984	380.09
“ “ “ Bracing piles.....		984	380.09
“ “ “ Sawing piles.....		984	380.09
“ “ “ Longitudinal capping.....		984	380.09
“ “ “ Transverse capping.....		984	380.09
“ “ “ Cap decking.....		984	380.09
Masonry—Base blocks .....		984	380.09
“ Chain holes .....		984	380.09
“ Coping .....		748.85	202.24
“ Moulded concrete in place of granite..		984	380.09
Backing logs .....		748.85	202.24
Work actually completed .....		984.09	380.00

## GENERAL CHARGE.

## PIER, WEST 129TH STREET.

## B. O. 7137.

The Department force were engaged in filling up holes in rip-rap wall around wooden barrel sewer.

Work was begun and finished April 3, 1909.

## B. O. 7837.

2,693 cubic yards of rip-rap, and same were placed at the pier at the foot of 129th Street under Contract No. 1175, class 5.

The Department force were engaged in extending pier foot of 129th Street, N. R. Drove, regulated and stay-lathed 155 yellow pine piles.

Work was begun October 25, 1909, and is still in progress.

*Marginal Street, between West 130th and West 133d Streets.*

Under Engineer's orders, the Department force were engaged at various times during the year in cleaning the Marginal Street between West 130th and West 133d Streets, N. R.

## PIER, WEST 134TH STREET.

## B. O. 7937.

The Department force were engaged in extending pier foot of 134th Street, N. R. Drove nine test piles.

Work was begun December 10, 1909, and is still in progress.

## CARMANSVILLE SECTION.

By action of the Commissioner, approved by the Commissioners of the Sinking Fund March 20, 1907, and under B. O. 5221. Dated May 15, 1907.

During the year the Department force were engaged in the building of rip-rap wall from mean low water up, grading of wall, etc.

The Department force were engaged in building of bulkhead platform.

Drove, regulated and stay-lathed 68 yellow pine piles and 13 oak piles; rough cutting piles, making tenons on piles, putting on clamps, putting down rangers, putting down subsills on walls, putting on horizontal braces and fastening same.

Work was originally begun on May 16, 1907, and is still in progress.

## Construction under "New Plan."

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,  
Carmansville Section, in Linear Feet.*

Length of Section, 1,433.89 feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....	.....	780	653.89
Rip-rap embankment .....	.....	780	653.89
Rip-rap wall .....	.....	780	653.89
Platform westerly of wall.....	480	780	653.89
Work actually completed.....	480	780	653.89

## GENERAL CHARGE.

*Earth Filling.*

B. O. 6957.

Canavan Brothers delivered earth filling, and same was received and placed. Work was originally begun March 13, 1909, and is still in progress.

B. O. 7329.

Canavan Brothers delivered earth filling, and same was placed in rear of bulkhead wall, at north end of section.

Work was originally begun June 8, 1909, and is still in progress.

## PIER, WEST 157TH STREET.

B. O. 7402.

The Department force were engaged in the construction of a pier 60 x 200 feet, at 157th Street, N. R.

Drove, regulated and stay-lathed 285 yellow pine piles.

Work was originally begun June 7, 1909, and is still in progress.

Under Contract No. 1175, class 5, O'Brien Brothers, Inc., delivered 15,434 cubic yards of rip-rap, and same was placed.

## EAST RIVER.

## WHITEHALL SECTION, E. R.

B. O. 6917.

## GENERAL CHARGE.

October 1st, 2d and 26th.—Stoves were put up in the Engineer's office.

Excavating, grading, setting headers, placing concrete foundation, laying iron slag block and granite pavement; grouting, placing tar joints and removing old south runway.

Paving Contract No. 1186, Class I:

Began November 15, 1909; in progress.

## Construction under "New Plan."

## MAIDEN LANE SECTION, E. R.

Resolution of the Board, December 9, 1904.

## GENERAL CHARGE.

February 26th-March 9th.—Pier New 13, E. R.: Temporary plank approach was repaired. April 5th-16th.—Temporary plank approach was removed.

January 29th-February 9th.—Pier New 14, E. R.: Temporary plank approach was repaired. April 2d-10th.—Temporary plank approach was removed.

*Paving—Granite Pavement.*

April 8th-21st.—Pier New 13, E. R.: 294 square yards were laid on the approach.

April 6th-7th.—Pier New 14, E. R.: 126 square yards were laid on the approach.

## JAMES SLIP SECTION, E. R.

B. O. 5191.

## BULKHEAD WALL PROPER.

*Stone Filling.*

November 22d-December 3d.—Cobble: 840 cubic yards of cobble were deposited on foundation area under Contract No. 1084, class 1.

November 19th-26th.—Rip-rap: 426 cubic yards of rip-rap were deposited on foundation area under Contract No. 1175, class 5.

*Piling and Woodwork.*

December 4th-31st.—Vertical piles: 177 were driven.

December 18th.—A cluster of piles at the south end of the section was pulled and a platform was removed to allow driving piles.

December 20th-24th.—Sawing piles: 122 piles were sawed to grade.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,**James Slip Section, in Linear Feet.*

Length of Section, 326.0.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....	112.0	326.0	.....
Stone filling—Cobble and rip-rap.....	.....	214.00	112.00
Piling and woodwork—Vertical piles.....	56.0	266.88	59.12
“ “ “ Bracing piles.....	.....	210.88	115.12
“ “ “ Sawing piles.....	.....	210.88	115.12
Masonry—Base blocks .....	.....	212.40	113.60
“ Chain holes .....	.....	212.40	113.60
“ Concrete en masse, behind blocks.....	.....	212.40	113.60
“ Concrete in situ as substitute for granite .....	.....	212.40	113.60
Work actually completed.....	.....	212.40	113.60

Construction under "New Plan."

GENERAL CHARGE.

May 18th-June 21st.—An old pier and platform were removed to make way for the construction of the bulkhead wall. Fence was removed.

May 27th-July 17th.—An old pier and platform were removed to make way for the construction of Pier New 25, E. R.

April 29th.—Backing log on the bulkhead was renewed.

July 2d, 10th and 17th.—A retaining structure was built at the end of the section to protect same. Thirty second-hand piles and seven new piles were driven in close row, capped, and fastened for the retaining structure.

August 5th-7th.—A platform was repaired.

December 4th.—A watchman's shanty was brought from the East 24th Street yard and set up on the bulkhead.

BETWEEN MONTGOMERY AND JACKSON STREETS, E. R.

B. O. 5767.

February 2-March 6, 1909.—Test borings were taken for proposed improvements.

JEFFERSON SECTION, E. R.

B. O. 6049.

BULKHEAD WALL PROPER.

*Stone Filling.*

June 14th and October 12th-25th.—Rip-rap: 1,047 cubic yards of rip-rap were deposited rear of wall under Contract No. 1175, class 5.

*Piling and Woodwork.*

January 4th-March 27th.—Vertical piles: 123 were driven, regulated and stay-lathed.

March 13th-23d.—Bracing piles: Thirty-one new and two second-hand piles were driven.

January 6th-13th.—Binding frames were made and fastened on piles.

January 16th-April 5th.—Sawing piles: 394 piles were sawed to grade.

February 3d-March 24th.—Low-cut piles were located with screens.

*Masonry.*

April 9th-May 3d.—Base blocks: The following blocks were set:

Seventeen ML blocks. (Seven of these were made at West 57th Street yard.)

Four UU blocks. (There were originally set six UU blocks, two of which were taken up and returned to the East 24th Street yard, May 13th-15th.)

Thirty and one-half batches of mortar were used for mattresses.

April 27th-May 4th.—Chain holes: Nineteen batches of concrete in bags were deposited in the chain holes of blocks set.

May 5th-6th.—Joints of blocks were caulked.



## Construction under "New Plan."

May 10th-August 3d.—Concrete backing for base blocks: 548 batches of concrete en masse and 233 batches of concrete in bags were deposited rear of blocks.

September 1st-7th.—A concrete retaining bulkhead was built of concrete in bags. Twenty-three batches of concrete in bags were used. Three batches of concrete were used for flushing on top of the blocks.

August 4th-31st.—Granite: 103 pieces were set in the wall; also a drain box. Seventeen batches of mortar were used in setting same.

August 5th-31st.—Concrete backing for granite. 219 batches were deposited rear of the granite.

September 2d-3d.—Coping: Thirteen pieces of coping stone were set on the wall, for which eleven batches of mortar were used.

September 8th-9th and October 21st-27th.—Pointing joints on granite: 850 linear feet were pointed.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall, Jefferson Section.*

*In Linear Feet.*

Length of Section, 1,237.92 Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....		196.83	1,041.09
Stone filling—Cobble and rip-rap.....		196.83	1,041.09
Piling and woodwork—Vertical piles.....	50.73	137.03	1,100.89
“ “ “ Bracing piles.....	50.73	137.03	1,100.89
“ “ “ Sawing piles.....	50.73	137.03	1,100.89
Masonry—Base blocks.....	137.03	137.03	1,100.89
“ Chain holes.....	137.03	137.03	1,100.89
“ Concrete en masse behind blocks.....	137.03	137.03	1,100.89
“ Granite, A B course.....	104.63	104.63	.....
“ “ C “ .....	104.63	104.63	.....
“ “ D “ .....	104.63	104.63	.....
“ “ E “ .....	104.63	104.63	.....
“ Coping .....	100.08	100.08	.....
“ UU blocks in place of AB, C, D and E granite.....	32.40	32.40	.....
“ Pointing granite joints.....	104.63	104.63	.....
“ Work actually completed.....	137.03	137.03	1,100.89

*General Charge. Clinton Street, E. R.*

B. O. 7866.

October 23d-December 11th.—Earth filling: Filling was deposited in rear of the wall by contractors and leveled by Department force. Begun October 23-December 11, 1909.

Construction under "New Plan."

September 18th-27th.—An approach was built to Pier New 37, E. R., preparatory to rebuilding inner end of the pier, for which 30 piles were driven. Also built a platform for the landways.

September 27th-December 3d.—Inner end of Pier New 37, E. R., was rebuilt after completion of the bulkhead wall. The pier was also widened; 25 yellow pine piles were driven. Begun September 27th; suspended December 3, 1909.

January 6th-October 5th.—Foundation area was examined, rip-rap and other obstructions were removed from the foundation area and rear of wall.

March 3d-6th and April 8th.—Clinton Street, E. R.: A small platform was built for use by the surveyors. It was removed September 9th-13th.

March 2d-23d.—Clinton Street, E. R.: A temporary platform was built for batterways to drive bracing piles and removed when the piles were driven. Seven new and two second-hand piles used for platform.

April 6th, and June 14th-30th, and July 1st-September 16th.—Clinton Street, E. R.: Twelve anchor piles were driven in close row rear of blocks on April 6th, and anchor chains were fastened to same. Stone was used for the retaining structure.

February 10th-December 3d.—Clinton Street, E. R.: Excavations were made and water pipes were repaired as found necessary. A water pipe connection was made June 22d.

January 5th-December 29th.—Office on Pier New 33, E. R.: The office was repaired and painted as required. A telephone booth was built for the office. Tool boxes were repaired.

FOOT OF EAST 10TH STREET AND BETWEEN 8TH AND 11TH STREETS, E. R.

B. O. 8886.

A test pile examination was made foot of E. 10th Street and test borings were taken for proposed improvements between 8th and 11th Streets, E. R. April 16th-19th at East 10th Street, and March 9th-23d at 8th to 11th Streets, E. R.

NEW BELLEVUE SECTION, E. R.

B. O. 4981.

*Bulkhead Wall Proper.*

*Dredging.*

March 16th and November 11th-December 31st.—Foot of East 29th Street: Mud was pumped, stone was tubbed, pile obstructions and concrete in bags were removed from foundation area.

*Stone Filling.*

January 7th-8th.—Cobble was leveled on foundation area foot of East 29th Street.

March 15th-June 21st.—Rip-rap, foot of East 29th Street: 3,215 cubic yards were deposited under Contract 1152, class 2, and Contract 1175, class 5.

*Piling and Woodwork.*

November 16th and 27th.—Sawing piles. Five piles were cut off.

November 18th and December 7th.—Piles were located on foundation.

January 2d-16th.—Binding frame was connected with close row of retaining piles, and planks were fastened to anchorage. These were subsequently removed on February 2d.

*Masonry.*

January 2d-22d and February 23d.—Base blocks, foot of East 29th Street: 14 ML blocks were set; 34 batches of mortar were used for mattresses.

January 6th-February 3d-25th.—Chain holes, foot of East 29th Street: 37 batches of concrete in bags were used for filling chain holes of blocks set.

January 2d-April 7th.—Concrete backing for base blocks, foot of East 29th Street: 210 batches in bags and 983 batches in mass were deposited.

January 9th-February 27th.—Caulking joints of blocks, foot of East 29th Street: Joints of blocks were caulked.

January 28th-May 15th.—Granite, foot of East 29th Street: 283 pieces were set in wall; also set two pieces of second-hand coping stone used as granite. 35 batches of mortar were used. Also reset one piece of granite. Two drain boxes were set in the granite.

January 28th-May 15th.—Concrete backing for granite, foot of East 29th Street: 604 batches were deposited.

April 10th-May 10th.—Joints of granite were grouted.

May 21st-July 8th.—Pointing joints on granite and face of wall, foot of East 29th Street: 950 linear feet were pointed. One batch of mortar was used.

October 27th-November 1st and December 6th-11th.—Coping, between 28th and 29th Streets, E. R.: 21 pieces of coping, which were temporarily set in sand on the wall, were permanently reset. In addition, 28 pieces were set in the wall. 21 batches of mortar were used. One piece was also reset at East 26th Street, for which two batches of mortar were used.

November 1st.—Joints of the coping were grouted with four batches of mortar.

November 1st-8th.—Backing log, between 28th and 29th Streets, E. R.: Backing log was placed and fastened on wall.

## Construction under "New Plan."

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall, New Bellevue Section. In Linear Feet.*

Length of Section, 980.45 Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....	.....	865.45	115.0
Stone filling—Cobble and rip-rap.....	.....	865.45	115.0
Piling and woodwork—Foundation piles.....	.....	865.45	115.0
“ “ “ Bracing piles.....	.....	865.45	115.0
“ “ “ Sawing piles.....	.....	865.45	115.0
Masonry—Base blocks.....	153.56	864.53	115.92
“ Chain holes.....	153.56	864.53	115.92
“ Concrete en masse, rear of wall.....	153.56	864.53	115.92
“ Granite, A B course.....	285.40	862.54	117.91
“ “ C “ .....	289.42	862.27	118.18
“ “ D “ .....	281.13	849.93	130.52
“ “ E “ .....	281.59	846.40	134.05
“ “ Concrete backing.....	281.59	846.40	134.05
“ “ Coping .....	388.29	720.60	139.85
“ “ Pointing granite joints.....	281.59	846.40	134.05
“ Backing log.....	197.5	529.81	330.64
“ Concrete retaining wall, return.....	.....	38.96	.....
“ Work actually completed.....	281.59	846.40	134.05

## GENERAL CHARGE.

February 17th-July 27th and September 16th-October 2d.—Earth filling, B. O. 5902, T. A. S. Sheridan Co., between 28th and 29th Streets, E. R.: Filling was deposited rear of the wall by contractors and leveled by Department force. Begun March 30, 1908, and suspended October 2, 1909.

July 12th-20th.—Earth filling, B. O. 7569, Foot of East 29th Street, T. A. S. Sheridan Co.: Filling was deposited rear of wall by contractors and leveled by Department force. Begun July 12, 1909, and suspended July 20, 1909.

July 28th-August 14th and December 3d-21st.—Earth filling was graded and leveled.

March 3d-10th.—Between 28th and 29th Streets, E. R.: A platform was built on filling.

April 10th-November 13th.—East 29th Street Pier: The inner end of the pier was rebuilt after completion of the bulkhead wall; 55 yellow pine piles were driven for the pier; an approach was built to the pier, for which six new oak piles and one second-hand pile were used. Two mooring posts and two cleats were placed and fastened on the pier.

April 30th-May 8th.—East 28th Street Pier: An old approach to pier was torn up.

## Construction under "New Plan."

September 2d-October 11th.—An old approach over water from the East 28th Street Pier to the East 29th Street Pier was removed.

September 23d-29th.—East 28th Street Pier: The approach to the pier was repaired, for which two cleats were used.

November 30th-December 27th.—Account Contract No. 1189, class 3: Broken stone was stored on the bulkhead between 28th and 29th Streets, E. R., and loaded for sections as required.

January 23d-December 28th.—Engineer's office, tool houses, etc., were repaired, painted and glazed as required. Water pipes were repaired when found necessary.

*Paving—Granite Pavement.*

July 23d-30th.—Foot of East 28th Street: 69 square yards were laid.

FOOT OF 47TH STREET, E. R.

B. O. 8670.

Test-pile examination was made for proposed improvements. Begun January 18, 1909, and finished January 21, 1909.

YORKVILLE SECTION, E. R.

B. O. 2757.

BULKHEAD WALL PROPER.

Between 65th and 67th Streets, E. R.

*Dredging.*

January 9th-August 19th.—Between 65th and 67th Streets, E. R.: Mud and sand were pumped and stone was tubbed up from the foundation area.

*Stone Filling.*

May 19th-December 24th.—Rip-rap which was picked up along the bank and tubbed up from the foundation area, together with that brought from between 120th and 121st Streets, H. R., was placed rear of wall and along the bank to prevent any wash onto the foundation area. (Between 65th and 69th Streets, E. R.)

August 23d.—Rip-rap: 384 cubic yards of rip-rap were deposited rear of wall under Contract No. 1175, class 5.

*Masonry.*

February 20th-May 20th.—Concrete for foundation, between 66th and 67th Streets, E. R.: 211 batches in bags, 15 batches en masse and 32 batches for flushing were deposited.

January 27th-February 27th and May 20th-26th.—Base blocks, between 65th and 67th Streets, E. R.: The following blocks were set: 34 YL blocks (13 of these were made at West 57th Street yard); 33 YU blocks (13 of these were made at West 57th Street yard).

January 29th-June 7th.—Chain holes, between 65th and 67th Streets, E. R.: 38 batches of concrete in bags were used for filling chain holes of blocks.

June 8th-9th.—Concrete backing for base blocks, foot of East 66th Street: Eight batches were deposited.

## Construction under "New Plan."

March 31st-September 11th.—Joints of blocks were caulked between 65th and 66th Streets, E. R.

January 15th-May 1st and September 11th-30th.—Granite, between 65th and 66th Streets, E. R.: 231 pieces were set in wall, also a drain box; 30 batches of mortar were used.

January 16th-May 1st and September 11th-October 1st.—Concrete backing for granite, between 65th and 66th Streets, E. R.: 427 batches were deposited.

April 24th-May 12th and October 1st-7th.—Pointing joints on granite, between 65th and 66th Streets, E. R.: 1,154 linear feet were pointed.

May 4th-5th.—Coping, between 65th and 66th Streets, E. R.: 10 pieces were set; five batches of mortar were used.

May 1st-14th and October 5th.—Mooring posts, between 65th and 66th Streets, E. R., and foot East 66th Street: Two mooring posts were set; six batches of concrete were used for foundation for these posts.

May 6th-8th and October 4th.—Backing log was placed on bulkhead between 65th and 66th Streets, E. R.

Between 73d and 74th Streets, E. R.

*Dredging.*

April 13th-May 25th and October 21st-December 31st.—Mud and sand were pumped and stone was tubbed from the foundation area.

*Stone Filling.*

May 10th.—Stone tubbed up from the foundation area was deposited rear of wall.

July 22d-24th.—Rip-rap: 433 cubic yards were deposited under Contract No. 1175, class 5.

*Masonry.*

May 26th-27th and October 27th-November 15th.—Concrete for foundation: 153 batches in bags, 12 batches en masse and six batches for flushing were deposited.

January 7th.—Base blocks: Four YU blocks were set.

January 8th.—Chain holes: Three batches of concrete in bags were used for filling chain holes of blocks.

February 13th-15th.—Caulking joints: Joints of blocks were caulked.

January 2d-6th.—Concrete backing for base blocks: 12 batches in bags, 21 batches en masse and three batches for flushing were deposited.

February 15th-March 4th.—Granite: 71 pieces were set in wall, also a pipe box; eight batches of mortar were used.

February 15th.—Concrete backing for granite: 121 batches were deposited.

March 15th-27th and May 27th-June 3d.—Pointing joints on granite: 532 linear feet were pointed.

March 6th-8th.—Coping: Nine pieces were set; three batches of mortar were used.

February 18th and March 8th.—Joints of granite coping were grouted; two batches of mortar were used.

March 8th-13th.—Mooring posts: Two mooring posts were set; four batches of mortar were used for foundations for these posts.

May 8th.—Backing log was placed and fastened.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall,  
Yorkville Section, in Linear Feet.  
Length of Section, 2,648.22 feet.*

Item of Work.	1909—Location.		Completed Work.		Work to be Completed.
	Bet. E. 65th and 67th Sts.	Bet. E. 73d and 74th Sts.	Total 1909.	Total to date.	
Dredging—Pumping .....	146.0	43.66	189.66	542.87	2,105.35
“ Tubbing and cleaning.	146.0	43.66	189.66	542.87	2,105.35
Concrete in bags and flushing...	122.0	18.66	140.66	463.87	2,184.35
Masonry—Base blocks, upper....	200.3	24.32	224.62	376.69	2,271.53
“ “ “ lower ...	206.3	.....	206.30	382.77	2,265.45
“ Granite, A B course...	236.33	10.66	246.99	313.66	<b>2,274.56</b>
“ “ C “ ...	232.25	72.18	304.43	367.87	2,280.35
“ “ D “ ...	227.90	72.11	300.01	359.63	2,288.59
“ “ E “ ...	223.83	71.86	295.69	351.30	2,296.92
“ Concrete blocks in place of A B course granite .....	.....	60.00	60.00	60.00	.....
“ Concrete backing, granite .....	223.83	71.86	295.69	351.30	2,296.92
“ Coping .....	83.15	71.66	154.81	205.52	2,442.70
“ Pointing granite joints	223.83	.....	295.69	351.30	2,296.92
“ Backing log .....	.....	50.00	50.00	50.00	2,598.22
“ Mooring posts .....	2.	2.	4.	5.	.....
“ Work actually completed .....	223.83	71.86	295.69	351.30	2,296.92

Between 65th and 74th Streets, E. R.

GENERAL CHARGE.

February 23d-March 18th.—Between 73d and 74th Streets, E. R.: Holes in granite headers were enlarged for receiving bolts for the proposed fender system.

January 29th.—Foot of East 65th Street: Breakwater was repaired; October 16th-21st, breakwater was removed.

November 16th-27th.—Foot of East 66th Street: Breakwater was removed.

October 22d-November 22d.—Between 66th and 67th Streets, E. R.: A breakwater was built; 12 second-hand piles were used.

June 3d-22d.—Between 67th and 68th Streets, E. R.: A breakwater was built; four new and nine second-hand piles were used.

October 28th-29th and November 12th-13th and December 6th-11th.—Foot of East 73d Street: Breakwater was repaired and extended; three second-hand piles were used.

## Construction under "New Plan."

November 29th-30th.—Foot of East 74th Street: Breakwater was repaired; four second-hand piles were used.

February 20th-March 29th.—Foot of East 74th Street: Breakwater was removed, and stone removed from around the breakwater was deposited rear of wall.

April 8th-17th and May 19th.—Between 73d and 74th Streets, E. R.: Breakwater was built; seven second-hand piles were used. The breakwater was repaired on the latter date. Two second-hand piles used for repairs.

February 5th.—A gangway was built for approaching scows, foot of East 65th Street.

November 8th-11th.—Foot of 65th Street, E. R.: A platform was built to store gravel on.

March 15th-17th.—Between 65th and 66th Streets, E. R.: A platform was built for the surveyors.

March 19th.—Foot of East 68th Street: Water pipes on foundation area were examined.

May 10th-24th.—Between 65th and 66th Streets, E. R.: Holes were drilled in stone for use as anchors.

November 18th-27th.—Between 73d and 74th Streets, E. R.: Holes were drilled in granite and rock for use as anchors.

October 28th and December 11th-15th.—Between 73d and 74th Streets, E. R.: Rock was excavated and blasted. Area rear of wall was graded. Also graded area January 11th-15th.

February 15th-June 2d and July 30th-September 13th.—Diver's outfits, rubber boots, hose, etc., were repaired. Float stages were repaired.

March 2d-December 30th.—Between 65th and 74th Streets, E. R.: Fences were repaired as required. Shanties and offices were brought from East 78th Street and erected at East 65th Street March 2d-30th. Fences were built around offices. Water pipe connections were made. Offices and shanties were repaired, painted and glazed as found necessary. Stoves were put up and removed when required.

## BLACKWELL SECTION, E. R.

B. O. 2756.

## BULKHEAD WALL PROPER.

*Dredging.*

August 20th-December 16th.—Foot of East 79th Street: Mud and sand were pumped and stone was tubbed up from the foundation area.

*Stone Filling.*

January 5th-11th.—Rip-rap: 1,918 cubic yards deposited rear of wall under Contract No. 1152, 2.

August 23d-September 30th and December 6th.—Stone removed from foundation area was deposited rear of wall and on the bank.

*Masonry.*

October 1st-December 21st.—Concrete for foundation, foot of East 79th Street: 168 batches in bags, 57 batches en masse and 20 batches for flushing were deposited.



## Construction under "New Plan."

January 4th-8th and May 13th and 26th.—Pointing joints of granite, between 78th and 79th Streets, E. R.: 711 linear feet were pointed. One batch of mortar was used.

January 2d-5th.—Coping, between 78th and 79th Streets, E. R.: 21 pieces were set; 12 batches of mortar were used.

January 5th-6th.—Grouting joints of coping, between 78th and 79th Streets, E. R.: Two batches of mortar were used for grouting joints of coping.

January 9th-14th and February 9th-19th.—Mooring posts: Four mooring posts were set; 12 batches of concrete were used for foundations for these mooring posts.

January 2d-February 15th.—Backing log was placed and fastened on wall between 28th and 29th Streets, E. R.

January 7th-September 24th.—Fender system, between 78th and 79th Streets, E. R.: A fender system was built. Fender piles were painted and covered with galvanized sheet iron. Fender system was repaired September 22d-24th.

*Recapitulation of Work Done and to Be Done on the Bulkhead Wall, Blackwell Section,  
in Linear Feet.*

Length of Section, 1,958.03 Feet.

	Completed Work.		Work to be Completed.
	1909.	Total to Date.	
Dredging .....	50.31	1,395.0	563.03
“ Rock bottom pumping.....	48.31	1,393.0	565.03
“ “ “ tubing .....	48.31	1,393.0	565.03
Concrete—in bags.....	47.97	1,392.66	565.37
Masonry—Concrete in bags in place of blocks....	.....	388.40	.....
“ Base blocks, upper .....	.....	941.98	627.65
“ “ “ lower .....	.....	703.26	.....
“ “ “ sub-lower .....	.....	183.0	.....
“ Granite, A B course.....	.....	1,046.12	.....
“ “ C “ .....	.....	1,324.01	634.02
“ “ D “ .....	.....	1,319.76	638.27
“ “ E “ .....	.....	1,315.47	642.56
“ Concrete en masse, in place of A B course .....	.....	134.66	.....
“ Base and ledge blocks, in place of A B .....	.....	149.60	.....
“ Concrete backing, granite.....	.....	1,315.47	642.56
“ Coping .....	172.37	1,310.42	647.61
“ Pointing granite joints.....	.....	1,315.47	642.56
Backing Log.....	172.37	1,310.42	647.61
Fender system.....	219.55	1,310.42	647.61
Mooring posts.....	9.0	25.0	.....
Work actually completed.....	.....	1,315.47	642.56

## Construction under "New Plan."

## GENERAL CHARGE.

March 23d-May 26th.—Earth filling, B. O. 5647, The Crimmins Co., between 77th and 79th Streets, E. R.: Filling was deposited rear of the wall by contractors and leveled by Department force. Begun October 19, 1907, and finished May 26, 1909.

November 30th-December 7th.—Foot of East 79th Street: Three 5-foot C. I. pipes were placed through the bulkhead and secured by the concrete in bags and in mass.

July 12th-28th and October 5th, 28th, and December 11th.—Foot of East 79th Street: Sewer was repaired and temporary sewer was built; 20 second-hand piles were used.

June 21st-24th and October 4th-9th.—Between 78th and 79th Streets, E. R.: Scupper holes in backing log were enlarged.

October 22d-26th.—Foot of East 80th Street: Excavations were made and the anchorage of the crib bulkhead was examined.

February 24th-25th.—Foot of East 79th Street: Old breakwater was removed.

July 7th-10th.—Foot of East 89th Street: A scow breakwater, which had been used at Blackwell Section, E. R., was dismantled.

January 2d-7th and May 25th-26th.—Between 78th and 79th Streets, E. R.: Temporary plank approaches were built.

March 11th-May 1st.—Between 78th and 79th Streets, E. R.: Old platform rear of wall and the crib bulkhead were removed. Old fence was removed and new one built outside of same.

June 12th-29th and December 21st.—Between 78th and 79th Streets, E. R.: Fences were repaired and new ones built.

January 11th-16th and April 1st-7th.—Foot of East 78th Street: Water pipes were repaired and protected.

February 23d-March 6th and April 3d, and September 4th-7th.—Between 78th and 79th Streets, E. R.: Offices, shanties and sundry materials were removed to East 65th Street. Fences were removed. Toilet was repaired.

*Paving—Granite Pavement.*

May 10th-12th.—Between 76th and 77th Streets, E. R.: 155 square yards were laid. Temporary plank road was removed.

January 2d-7th and May 13th-June 4th, and July 20th-30th.—Between 77th and 78th Streets, E. R.: 1,220 square yards were laid.

July 2d-19th and 12th-30th.—Foot of East 78th Street: 205 square yards were laid. Plank road was removed.

June 5th-July 1st.—Between 78th and 79th Streets, E. R.: 1,025 square yards were laid. Wooden curbing was placed.

October 30th-December 16th.—Paving stones were brought from Whale Creek and unloaded on bulkhead between 76th and 77th Streets, E. R., and were then loaded on scows as required for paving work at Tompkins Street, between Houston and Stanton Streets, E. R., under B. O. 7853.

Construction under "New Plan."

## PIER FOOT OF 95TH STREET, E. R.

B. O. 7823.

Pier is being reconstructed. 354 cubic yards of rip-rap were deposited outer end on November 22d-27th and 13 yellow pine corner piles were driven. Begun October 20, 1909, and suspended December 4, 1909.

## FOOT OF 98TH STREET, E. R.

Eng. Order.

A test pile examination was made for proposed improvements, April 23d-26th.

## BETWEEN 120TH AND 121ST STREETS, H. R.

B. O. 6086.

An examination of this portion of the waterfront was made for the purpose of ascertaining available space for the continuation of the improvement of the waterfront in that locality. Begun April 10, 1908, and suspended November 19, 1909.

## BOROUGH OF BROOKLYN.

## GOWANUS SECTION.

B. O. 6647, December 21, 1908.

## BULKHEAD WALL PROPER.

*Stone Filling.*

May 21 to December 31, 1909.—Cobble: 7,017 cubic yards were deposited on foundation area under Contract No. 1084, class 1.

July 30 to December 31, 1909.—Rip-rap: 8,395 cubic yards were deposited under Contract No. 1175, class 5.

*Piling and Woodwork.*

April 6 to December 31, 1909.—Vertical piles: 2,434 piles were driven, regulated and stay-lathed.

December 4 to December 31, 1909.—Bracing piles: 30 piles were driven.

May 8 to December 31, 1909.—Sawing piles: 1,940 piles were cut to grade for the Section.

May 13 to December 31, 1909.—Screening piles: Low-cut piles were screened.

*Masonry.*

May 28 to December 31, 1909.—Base blocks: 131 G.L. blocks were set, 128 G.U. blocks were set, 273 batches of mortar were used for mattresses.

May 29 to December 31, 1909.—Chain holes: 408 batches of concrete were used to fill chain holes of blocks set and to caulk joints.

July 10 to December 31, 1909.—Concrete backing of granite: 1,028 batches of concrete were deposited in rear of granite.

July 10 to December 31, 1909.—Granite: 7,164 cubic feet of granite were set.

August 10 to December 31, 1909.—Pointing granite: 5,270 linear feet of granite joints were pointed.

## Construction under "New Plan."

*Recapitulation of Work Done and to Be Done on Gowanus Section Bulkhead Wall.  
In Linear Feet. Work Begun April 6, 1909.*

Length of Section, 2,142.824 Linear Feet.

	Completed to Date. Lin. Feet.	To be Completed. Lin. Feet.
Stone filling—Cobble.....	1,400.00	742.824
“ “ Rip-rap .....	360.00	1,782.824
Piling and woodwork—Piles .....	1,624.00	518.824
“ “ “ Sawing piles.....	1,386.00	756.824
Masonry—Base blocks.....	1,044.00	1,098.824
“ Chain holes.....	1,044.00	1,098.824
“ Granite, A B course.....	605.77	1,537.054
“ “ C “ .....	601.41	1,541.614
“ “ D “ .....	574.67	1,568.154
“ Concrete backing.....	600.00	1,542.824
“ Pointing .....	170.00	1,072.824
Work actually completed.....	294.00	1,848.824

## GENERAL CHARGE.

*28th to 36th Streets.*

B. O. 4606.—Drove test piles for 30th, 31st, 33d and 35th Street Piers. Driving test piles for 28th Street Pier. Wash borings were driven for 33d Street Pier. In progress.

B. O. 8021.—Established dumps for filling at the foot of 28th, 30th and 35th Streets.

*32d Street.*

B. O. 7228.—Placing dirt filling in dump to form approach for 31st Street Pier. Begun April 2, 1909. In progress.

B. O. 7591.—Placing dirt filling in dump to form approach for 33d Street Pier. Begun July 21, 1909. In progress.

*51st Street.*

B. O. 7407.—Built coal platform to support future coal pocket. Work begun September 18, 1909. Completed October 28, 1909.

B. O. 7588.—Extended breakwater a distance of 20 feet to prepare berth for U. S. S. "Gloucester." Work begun November 21, 1909. Completed December 6, 1909.

B. O. 7893.—Placed pile clusters and boom logs for protection of U. S. S. "Gloucester." Work begun December 6, 1909. In progress.

*31st Street Pier.*

Contract No. 1095.

Preparing for and building a new pier between 31st and 32d Streets, in the Borough of Brooklyn, to be known as the *31st Street Pier*.

## Construction under "New Plan."

Work was begun on August 3, 1909, and is in progress. The pile and timber work is practically completed. The concrete deck is about 60 per cent. completed. Work on concrete deck was discontinued December 16, 1909, on account of cold weather.

## Contract No. 1196.

For preparing for and building a new steel freight shed with appurtenances on the pier between 31st and 32d Streets, in the Borough of Brooklyn, to be known as the *31st Street Pier Shed*.

Work was begun on November 27, 1909, and is in progress, the fabrication of structural steel being under way.

## WHALE CREEK SECTION, BROOKLYN.

## B. O. 6901.

Test borings were taken and a test pile examination was made for proposed improvements. January 2d-February 2d.

## HALLETT'S COVE, QUEENS.

## Eng. Order.

Test borings were taken for proposed improvements. March 24th-April 2d.

## CONSTRUCTION WORK NOT UNDER NEW PLAN.

*Foot of Classon Point Road, Bronx.*

## B. O. 7258.

A "T" shaped pier was built at this point; 45 second-hand piles were used. Begun April 27 and finished May 26, 1909.

*Jamaica Avenue, Queens.*

## B. O. 7037.

The Department force took possession of the property pending construction of new pier. Begun March 5 and finished March 8, 1909.

*Jamaica Avenue, Queens.*

## Contract No. 1181.

A pier was built at this location by the Phoenix Construction Co. Begun September 15 and finished December 23, 1909.

*Riker's Island, E. R.*

## Contract No. 1132.

A rip-rap embankment and wall were built to close gaps in the existing wall at Riker's Island, Bronx, by Roger L. Young. Begun September 9, 1908, and finished July 22, 1909.

## Construction and Repair of Ferry Terminals.

FERRY CONSTRUCTION AND OTHER WORK CONNECTED WITH THE FERRY  
TERMINALS IN THE SEVERAL BOROUGHES.

## BOROUGH OF MANHATTAN.

*Staten Island Ferry Terminal.*

## Contract No. 1099.

In progress January 1, 1909; still in progress at close of year 1909: Concreting, asphaltting, flooring, Guastavino arches, heating and ventilating, terra cotta, granite work, stairs, railings, waterproofing, metal sheeting, electrical work, painting, plumbing, plastering, glazing, placing steel bell tower, tiling, carpentering, concrete walls, 3d floor; steel work, sidewalks and curbs.

## B. O. 6915.

Placing timbers to support deck and sheathing. June 10th to 16th, inclusive.  
Sawing off pile butts in cluster and placing timbers to support stairstrings. August 16th to 18th, inclusive.

## B. O. 6152.

Replacing decking and sheathing at foundation openings. March 9th to April 17th, inclusive.

*39th Street Ferry, Manhattan Terminal.*

## Contract No. 1053.

New ferry house. In progress January 1, 1909; finished September 20, 1909. Carpentering, plastering, steel work, electrical work, heating and ventilating, wire lathing, metal sheeting, gates and railings, ticket and paper booths, asphaltting, plumbing, erecting stairs, concreting, roofing, flooring and framing, Guastavino arches, chopper boxes, glazing, vault lights, wheel-guards.

## B. O. 6008.

Repairs to break in water pipe of ferry terminal. Excavating and refilling. December 7th to 8th, inclusive.

## B. O. 6917.

Driving and capping column foundation piles for elevated runway. July 1st to 3d, inclusive.

Shortening ferry racks and making covers for fire hatches. July 23d to August 17th, inclusive.

Reinforcing with broken stone and timber work at bell tower foundations and sheathing at boiler house foundation. July 22d to August 13th, inclusive.

Carpentering and plumbing for Assistant Engineer's office. October 20th to 30th, inclusive.

Excavating material under fire hatches. December 3d to 6th, inclusive.

Building protection for suction pipes and tearing down west boundary fence. December 30th; in progress January 1st.

Cutting out tiles and mortar for stairwell and erecting stairhouse, recreation floor. December 17th; in progress December 31st.

## Construction and Repair of Ferry Terminals.

Removing "Herald Ship News Office" and placing same aboard Dock Department's scow. December 17th to 20th.

Building runway to central rack, building ladders and erecting fence around boiler house. August 20th to 24th, inclusive.

Laying surfaces of granolithic cement. September 15th to 25th, inclusive.

Painting elevated passageway, smokestack, etc. September 27th to October 11th, inclusive.

Cutting down crib bulkhead and piles to prepare for grading of Marginal Street. October 9th to 11th, inclusive.

Restoring fill at same. October 13th to 15th, inclusive.

Trimming and placing oak cover boards at center buffer platform. September 13th to 15th.

Cutting away deck of center spring platform under waiting room. October 20th to 30th, inclusive.

Drilling for knee braces on recreation pavilion. December 28th; in progress December 31st.

## Requisition No. 19044. Order No. 298.

Tile setting in outshore arches. September 27th to October 11th, inclusive.

*Between Roosevelt Street and James Slip, E. R.; Grand Street, E. R.; 23d Street, E. R.; 41st Street, E. R.; Between 41st and 42d Street, E. R.*

## B. O. 6927.

The Department took possession of the ferry premises as indicated above and placed watchman. Begun December 18, 1908, and order returned April 15, 1909, same having been transferred to Superintendent of Docks.

*Roosevelt Street, Manhattan; Broadway, Brooklyn; 23d Street, E. R.*

## B. O. 8019.

The Department force made a test pile examination at Broadway, Brooklyn, December 11th-22d, and at Roosevelt Street, E. R., December 23d-31st. Work in progress.

## BOROUGH OF RICHMOND.

*St. George Terminal.*

## B. O. 3761.

Depositing steam ashes from the ferryboats under the North and South Shore Steam R.R. tracks and under the trolley platform at the St. George Terminal. Work begun September 16, 1907, and was suspended June 1, 1909.

## B. O. 6092.

Building a platform on the northerly side of the northerly tying-up platform, and repairing approach to the tying-up slip, at the St. George Terminal. Work was begun April 30, 1908, and completed with the exception of rack for fireboat, July 11, 1908. Work on rack finished January 21, 1909.

## Construction and Repair of Ferry Terminals.

B. O. 6916.

Construction work at the St. George Terminal of the Staten Island Ferry. Construction of a platform to hold extra ferry bridge. Work begun August 2, 1909, and finished October 9, 1909. Substituting "I" beams for timber under the concrete floor, under the boilers of heating plant, for protection against fire. Work begun December 9, 1909, and is in progress.

B. O. 6945.

Cutting gangway at fireboat berth at St. George, S. I. Work begun January 2, 1909, and finished March 31, 1909.

*New Concrete Wall.*

B. O. 6371.

Building a retaining wall along the northerly side of South Street at the St. George Ferry Terminal. Work begun July 11, 1908, and was superseded by B. O. 7093.

B. O. 7093.

Construction of concrete walls, to connect with the approach built by the Richmond Borough authorities, as an approach to the Staten Island Ferry Terminal. Work begun March 25, 1909, and is in progress.

*New Steel Viaduct.*

Contract No. 1197.

For building a new steel viaduct between the trolley platform and Jay Street, St. George, Borough of Richmond, by Snare & Triest, Contractors. Work begun November 11, 1909, and is in progress.

*Port Richmond.*

Under E. O., the Department force took test borings for proposed ferry improvements foot of Ferry Street, Port Richmond, S. I. April 6th-20th.

## BOROUGH OF BROOKLYN.

*Brooklyn Terminal, 39th Street Ferry.*

B. O. 6895.

Repairs were made from time to time to the paved approach leading to the ferry. Begun April 17, 1909; in progress.

B. O. 6918.

Necessary temporary and permanent construction work was done at 39th Street Ferry Terminal. Begun February 10, 1909; in progress.

B. O. 7158.

A short corner approach for trolley extension to 39th Street Ferry was built. Work begun March 11, 1909; completed July 1, 1909.

B. O. 7566.

Repairs to the deck sheathing of timber approach leading to 39th Street Ferry. Begun July 15, 1909; completed July 26, 1909.



## Construction and Repair of Ferry Terminals.

B. O. 7651.

Maintenance of plank approach to ferry. Begun July 26, 1909; completed September 8, 1909.

Contract No. 1169.

Preparing for, furnishing and laying double-track extension to trolley railroad, including overhead wiring, etc., at the South Brooklyn Terminal of the 39th Street Ferry, Borough of Brooklyn. Work begun May 5, 1909; completed August 28, 1909.

## RECREATION STRUCTURES.

## NORTH RIVER.

*Pier 43 (Barrow Street), N. R.*

Under B. O. 6752 the Department force repaired, maintained and kept in proper condition Pier 43 (Barrow Street), N. R. Work was originally begun November 2, 1908, and finished March 19, 1909.

Under B. O. 7190 the Department force repaired, maintained and kept in proper condition Pier 43 (Barrow Street), N. R. Work was begun March 20, 1909; finished July 23, 1909.

Under B. O. 7608 the Department force repaired, maintained and kept in proper condition Pier 43 (Barrow Street), N. R. Work was begun July 24, 1909, and is still in progress.

*West 50th Street Pier, N. R.*

Under B. O. 6548 the Department force repaired, maintained and kept in proper condition the pier foot of 50th Street, N. R. Work was originally begun August 8, 1908, and finished April 28, 1909.

Under B. O. 7311 the Department force repaired, maintained and kept in proper condition the pier foot of 50th Street, N. R. Work was begun April 29, 1909; finished July 23, 1909.

Under B. O. 7609 the Department force repaired, maintained and kept in proper condition the pier foot of 50th Street, N. R. Work was begun July 24, 1909, and is still in progress.

*West 129th Street Pier, N. R.*

Under B. O. 7044 the Department force repaired, maintained and kept in proper condition the pier foot of 129th Street, N. R. Work was begun January 29, 1909; finished July 24, 1909.

Under B. O. 7363 the Department force repaired, maintained and kept in proper condition the pier foot of 129th Street, N. R. Work was begun July 25, 1909, and is still in progress.

## Recreation Structures.

## EAST RIVER.

*Pier New 30, E. R.*

Under B. O. 6473 the Department force repaired, painted and kept in proper condition the recreation structure on Pier New 30, E. R. Begun July 18, 1908, and finished January 18, 1909.

Under B. O. 7079 the Department force repaired, painted and kept in proper condition the recreation structure on Pier New 30, E. R. Begun April 28 and finished December 31, 1909.

*Pier Foot of 3d Street, E. R.*

Under B. O. 6475 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 3d Street, E. R. Begun July 18, 1908, and finished January 18, 1909.

Under B. O. 7078 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 3d Street, E. R. Begun April 29 and finished December 31, 1909.

*Pier Foot of 24th Street, E. R.*

Under B. O. 6476 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 24th Street, E. R. Begun July 18, 1908, and finished January 18, 1909.

Under B. O. 7077 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 24th Street, E. R. Begun April 23 and finished December 31, 1909.

*Pier Foot of 112th Street, H. R.*

Under B. O. 6474 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 112th Street, H. R. Begun July 18, 1908, and finished January 18, 1909.

Under B. O. 7076 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of 112th Street, H. R. Begun April 20 and finished December 31, 1909.

*Pier Foot of North 2d Street, Brooklyn.*

Under B. O. 6484 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of North 2d Street, Brooklyn. Begun July 22, 1908, and finished January 22, 1909.

Under B. O. 7080 the Department force repaired, painted and kept in proper condition the recreation structure on the pier foot of North 2d Street, Brooklyn. Begun April 16, 1909, and finished December 31, 1909.

## PAVEMENT.

*Supervision of Asphalt Repairs, Etc.*

## Contract No. 1078, Class I.

Asphalt laid on pier foot of West 22d Street and the new-made land in rear and southerly of same. Work on pier begun May 29, 1908, and finished June 11, 1909. On Marginal Street work was begun September 15, 1909, and finished September 21, 1909.

## Contract No. 1078, Class II.

Asphalt laid on approach to Manhattan Terminal of the 39th Street Ferry. Work begun July 19, 1909, and finished July 19, 1909.

## Contract No. 1136, Class I.

From the north side of West 56th Street to a point about 140 feet northerly of the north side of Pier 29, N. R., repairs were made from time to time to the asphalt pavement laid on the Marginal Street; 11,612 square yards of asphalt and 673 square yards of concrete having been laid during the year. Work was begun February 18, 1909, and is in progress.

## Contract No. 1136, Class II.

Repairs were made to the asphalt pavement along the Marginal Street on the North River from the Battery to a point about 140 feet northerly of the north side of Pier 29, and on the Marginal Street along the East River; 16,659 square yards of asphalt and 1,028 square yards of concrete foundation having been laid during the year. Work was begun March 23, 1909, and is in progress.

## Contract No. 1138, Class III.

Asphalt was laid on deck of pier foot of East 20th Street. Work was begun July 19, 1909, and finished July 20, 1909.

## Contract No. 1138, Class IV.

Asphalt laid upon deck of pier foot of East 110th Street. Begun October 6, 1909, and finished October 6, 1909.

## Contract No. 1138, Class V.

Asphalt was laid on deck of pier foot of West 40th Street. Work was begun September 7, 1909, and finished September 8, 1909.

B. O. 6662.—Repairs to asphalt pavement between Cortlandt and Barclay Streets, by the Hudson Companies. Begun April 3, 1909, and finished August 11, 1909.

Repairs to asphalt pavement, where opened for the purpose of laying pipes, tunnels or tracks, were supervised from time to time. These repairs were done under thirty-two different permits issued by this Department.

## Pavement.

## PAVEMENT LAID BY DEPARTMENT FORCE ON THE EAST RIVER

CHARGE	LOCATION.	Sq. Yds. RELAID	Lin. Ft. BRIDGING RELAID	DATES
Broad St. Sec.	Approach Pier, new, 4, E. R. ....	12	.....	Feb. 19th.
B. O. 8041. . .	West of Pier, new, 4, E. R. ....	285	.....	Dec. 22d-31st.
B. O. 4664. . .	Between Piers, new, 4 and 6, E. R. . . .	772	110	Begun April 16th, fin. June 30th.
Broad St. Sec.	Between Piers, new, 5 and 6, E. R. . . .	130	.....	March 19th, 20th.
" " "	Approach Pier, new, 6, E. R. ....	248	110	March 10th-18th.
" " "	Between Piers 6 and 7, E. R., new ...	540	.....	March 16th-24th.
B. O. 7392. . .	Approach Pier, new, 7, E. R. ....	46	.....	June 3d 7th.
Old Slip— Broad St. Sec.	Between Piers, new, 7 and 8, E. R. . . .	10	.....	Jan. 5th.
B. O. 7392. . .	Between Piers, new, 7 and 8, E. R. . . .	14	.....	June 8th.
B. O. 7539. . .	Between Piers, new, 7 and 8, E. R. . . .	12	.....	Aug. 25th.
B. O. 7392. . .	Approach Pier, new, 8, E. R. ....	15	110	May 28th, 29th.
B. O. 7392. . .	Between Piers 8 and 9, E. R. ....	14	.....	June 1st.
B. O. 7392. . .	Approach Pier, new, 9, E. R. ....	26	.....	May 26th-29th.
B. O. 7540. . .	Between Piers, new, 9 and 10, E. R. . . .	301	.....	Sept. 1st-Dec. 17th.
Old Slip. Sec.	Between Piers 10 and 11, E. R. ....	782	.....	Jan. 2d-23d.
" " "	Approach Pier, new, 12, E. R. ....	119	.....	Jan. 6th-March 8th.
B. O. 7543. . .	" .....	204	.....	Sept. 4th-14th, Oct. 1st and Nov. 1st.
B. O. 7392. . .	Approach Pier 13, E. R. ....	87	.....	April 10th-21st.
B. O. 7544. . .	Approach Pier 13, E. R. ....	421	.....	Aug. 8th-Dec. 18th.
Maiden Lane Sec. ....	" .....	20	110	Jan. 26th.
B. O. 7392. . .	Between Piers 13 and Wall St. Ferry.	5	.....	June 2d.
Old Slip Sec.	" .....	75	.....	Drain was built and silt basin set March 9th-10th.
Maiden Lane Sec. ....	" .....	260	.....	March 3d-8th.
Maiden Lane Sec. ....	Between Piers 13 and 14, E. R. ....	1273	.....	Feb. 3d-March 1st.
Maiden Lane Sec. ....	Approach Pier 14, E. R. ....	602	110	Jan. 23d-Feb. 2d.
B. O. 7392. . .	Approach Pier 14, E. R. ....	106	.....	April 7th-May 6th.
B. O. 7545. . .	Approach Pier 14, E. R. ....	319	.....	Aug. 18th-Dec. 16th.
B. O. 7547. . .	Between Piers 14 and 15, E. R. ....	809	.....	Sept. 15th-30th.
B. O. 7546. . .	Between Piers 15 and 16, E. R., westerly half. ....	549	60	Oct. 9th-18th.
B. O. 7548. . .	Between Piers 15 and 16, E. R., easterly half. ....	522	.....	Sept. 30th-Oct. 7th.
B. O. 7392. . .	Approach Pier 16, E. R. ....	20	.....	May 25th-26th.

CHARGE	LOCATION	SQ. YDS. RELAID	LN. FT. BRIDGING RELAID	DATES
B. O. 7392...	Approach Pier 17, E. R.....	14		May 24th.
B. O. 7392...	Between Piers 17 and 18, E. R.....	18		May 13th.
B. O. 7549...	Between Piers 17 and 18, E. R.....	344		July 13th-Nov. 29th. Two batches cement used.
B. O. 7392...	Approach Pier 18, E. R.....	30		April 24th.
Fulton Sec...	Between Piers 18 and 19, E. R.....	10		March 11th.
B. O. 7550...	Between Piers 18 and 19, E. R.....	646		July 14-Nov. 29th.
B. O. 7551...	Approach Pier 19, E. R.....	167		Aug. 26th-Dec. 23d.
B. O. 7552...	Between Piers 19 and 20, E. R.....	484		July 19th-Nov. 6th.
B. O. 7553...	Approach Pier 20, E. R.....	188		Aug. 27-30 and Dec. 16th.
James Slip Sec.....	At Pier, new, 22, E. R.....	32		March 1st, 23d-24th.
B. O. 7392...	" .....	257		April 26th-May 21st.
B. O. 7554...	" .....	542		Oct. 7th-Nov. 18th.
B. O. 7555...	Pier 27, E. R., Approach.....	247		Nov. 8th-15th.
B. O. 7556...	Between Piers 27 and 28, E. R. ....	382		Aug. 2d-7th.
B. O. 7392...	Approach Pier 28, E. R.....	20		April 17th and 26th.
B. O. 7557...	Approach Pier 28, E. R.....	178		Aug. 19th-21st and Nov. 15th.
B. O. 7558...	Between Piers 28 and 29, E. R.....	355		Aug. 6th-18th and Oct. 27th.
B. O. 7392...	Approach Pier 29, E. R.....	14		June 5th.
B. O. 7392...	Between Piers 29 and 30, E. R.....	16		May 25th.
B. O. 7560...	At Pier 32, E. R.....	390		Sept. 8th-13th.
Rutgers Sec...	Between Piers 32 and 33, E. R.....	78		March 9th-19th.
B. O. 7392...	Between Piers 32 and 33, E. R.....	687		May 14th-June 14th.
B. O. 7561...	Between Piers 32 and 33, E. R.....	327	110	Aug. 30th-Sept. 7th.
B. O. 7392...	Approach Pier 33, E. R.....	394	104	May 1st-13th.
B. O. 7392...	Between Piers 33 and 34, E. R.....	570		And set a silt basin April 2d-May 8th.
B. O. 7605...	Approach Pier, new, 37, E. R.....	133		Oct. 2d-26th.
B. O. 7216...	At Pier 61, E. R.....	82		Feb. 23d-27th and March 1st and 31st.
B. O. 7392...	At Pier 61, E. R.....	13		April 1st.
B. O. 7605...	At Pier 61, E. R.....	47		Sept. 4th-9th.
B. O. 7853...	Tompkins st., between Houston and and Stanton sts.....	55		Dec. 27th-30th and Nov. 29th.
B. O. 7605...	Foot of East 15th st.....	28		Nov. 24th-27th.
B. O. 7216...	Approach East 19th st. Pier.....	22		Feb. 25th-26th.
B. O. 7216...	Foot of East 3d st. ....	32		March 13th-16th.

## Pavement.

CHARGE	LOCATION	Sq. Yds. RELAID	Lin. Ft. BRIDGING RELAID	DATES.
B. O. 7605...	Approach East 24th st. yard.....	69		Oct. 22d-Nov. 17th.
B. O. 7605 ..	Approach to East 28th st. Pier....	273		July 13th-Oct. 2d.
B. O. 7605...	Foot of East 53d st.....	30		Sept. 22d-23d and Dec. 21st.
B. O. 7179...	Foot of 38th st., E. R.....	450		March 25th-April 24th, fin.
B. O. 7624...	Foot of 48th st., E. R.....	116		Began Aug. 30th, fin. Sept. 2d.
B. O. 7392...	Foot 61st st., E. R.....	26		April 8th-9th.
B. O. 7605...	Foot 61st st., E. R.....	6		July 28th.
B. O. 7605...	Approach Pier East 62d st.....	6		July 28th.
Blackwell Sec	Between 77th and 78th sts., E. R...	67		Jan. 2d-7th.
B. O. 7392...	Between 77th and 78th sts., E. R...	15		June 5th.
B. O. 7605...	Between 77th and 78th sts., E. R...	35		July 28th.
B. O. 7605...	Foot East 78th st.....	67		July 23d-31st.
B. O. 7392...	Between 78th and 79th sts., E. R...	30		June 29th.
B. O. 6597...	North of East 86th st.....			Excavated filling behind close row of piles. Piles were sheathed. No pavement removed. Begun Jan. 6th, finished Jan. 14, 1909.
B. O. 7392...	Foot of East 86th st.....	38	12	Two batches of mortar used, Apr. 19-26.
B. O. 5579...	Between 94th and 95th sts., E. R...	30		Jan. 27th-29th.
B. O. 7392...	Between 94th and 95th sts., E. R...	15		June 14th.
B. O. 7605...	Between 94th and 95th sts., E. R...	98		Aug. 20th-30th.
B. O. 7392...	Foot East 95th st.....	51		June 9th-12th.
B. O. 7392...	Between 95th and 96th sts., E. R...	53		May 27th-June 2d.
B. O. 7392...	Foot E. 96th street.....	59		June 3d-8th.
B. O. 7605...	Foot East 96th st.....	33		Aug. 9th-11th.
B. O. 7605...	Foot East 100th st.....	24		Aug. 16th-19th.
B. O. 7605...	Foot of East 110th st.....	235		Aug. 12th-Dec. 23d.
B. O. 7392...	Foot of 125th st., H. R.....	135		May 19th-June 3d.
B. O. 7392...	Foot 132d st., H. R.....	92		May 11th-19th.
B. O. 7392 ..	Between 134th and 135th sts.....	62		May 4th-8th.
B. O. 7392...	Foot 135th st., H. R.....	27		Apr. 28th-May 1st.
B. O. 6413...	Foot 139th st., H. R.....	14		Begun Sept. 18, 1908, and suspended Sept. 22, 1908, resumed April 27, 1909, suspended April 28, 1909.
	Grand total.....	17,556	836	

## General Repairs.

STATEMENT OF REPAIRS OTHER THAN DREDGING, FOR THE YEAR  
ENDING DECEMBER 31, 1909, EXCLUSIVE OF REPAIRS  
DONE FOR OTHER DEPARTMENTS.

## NORTH RIVER.

LOCATION	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Unleased Piers and Bulkheads.....	B. O. 6352.	Repairs to piers and bulkheads, N. R.....	July 3, 1908	Feb. 12, 1909	.....
Unleased Piers and Bulkheads.....	B. O. 7019.	Repairs to piers and bulkheads, N. R.....	Mch. 1, 1909	May 26, 1909	.....
Unleased Piers and Bulkheads.....	B. O. 7330.	Repairs to piers and bulkheads, N. R.....	May 27, 1909	Aug. 23, 1909	.....
Unleased Piers and Bulkheads.....	B. O. 7692.	Repairs to piers and bulkheads, N. R.....	Aug. 24, 1909	In progress...	.....
Man-of-War Landings, N. R.....	B. O. 4929.	Repaired and maintained Man-of-War landings.....	April 29, 1907	In progress...	.....
Isles of Safety on North River.....	B. O. 6680.	General Repairs to Isles of Safety on North River....	Oct. 12, 1908	Oct. 28, 1909	.....
Isles of Safety on North River.....	B. O. 7849.	General repairs to Isles of Safety on North River....	Nov. 3, 1909	In progress...	.....
East Battery Landing.	B. O. 7666.	Repairs.....	Aug. 13, 1909	.....	Suspended, Sep. 21, 1909
Battery Landing.....	B. O. 6971.	Fastened backing log.....	July 27, 1909	July 27, 1909	.....
Battery Park, East.....	B. O. 6971.	Repaired platform.....	Sept. 9, 1909	Sept. 9, 1909	.....
Battery Sea Wall.....	E. O.....	Examined.....	Aug. 25, 1909	Aug. 30, 1909	.....
Pier "A," N. R.....	E. O.....	Put up flags for Hudson-Fulton Celebration.....	Sept. 22, 1909	Sept. 22, 1909	.....
".....	B. O. 7848.	Repaired fender system....	Oct. 31, 1909	In progress...	.....
Basin south of Pier "A"	B. O. 7100.	Maintained boat landing in Basin during 1909.....	May 20, 1909	Dec. 31, 1909	.....
Pier "A," N. R.....	B. O. 6464.	Drove, regulated and stay-lathed 25 oak piles.....	Sept. 29, 1909	Oct. 29, 1909	.....
Approach to Pier 10, N. R.....	B. O. 6800.	Repaired planking.....	Dec. 18, 1908	Oct. 18, 1909	.....
Canal St., N. R.....	B. O. 6595.	Repairs to decking and sheathing on pier.....	Feb. 13, 1909	Mar. 4, 1909	.....
Between Piers 38 and 39, N. R.....	E. O.....	Repointed 50 feet of bulkhead wall.....	Oct. 7, 1909	Oct. 7, 1909	.....
Between Piers 41 and 42, North River....	E. O.....	Repointed 1775 feet of bulkhead wall.....	Aug. 28, 1909	Oct. 1, 1909	.....
Between Piers 42 and 46, N. R.....	E. O.....	Repointed 663 feet of bulkhead wall.....	Aug. 11, 1909	Aug. 27, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Between Piers 46 and 47, N. R.....	E. O.....	Repointed 1675 feet of bulkhead wall.....	June 17, 1909	July 3, 1909	.....
Pier 47, N. R.....	B. O. 6919.	Repaired approach, decking and sheathing.....	Jan. 14, 1909	In progress...	.....
Between Piers 47 and 48, N. R.....	E. O.....	Repointed 300 feet of bulkhead wall.....	July 13, 1909	July 16, 1909	.....
Between Piers 48 and 49, N. R.....	E. O.....	Repointed 100 feet of bulkhead wall.....	Aug. 9, 1909	Aug. 10, 1909	.....
Between Piers 49 and 50, N. R.....	E. O.....	Repointed 25 feet of bulkhead wall.....	July 26, 1909	July 26, 1909	.....
Between Piers 50 and 51, N. R.....	E. O.....	Repointed 250 feet of bulkhead wall.....	Aug. 4, 1909	Aug. 7, 1909	.....
Pier 56½.....	E. O.....	Examined pier.....	.....	.....	.....
".....	B. O. 6979.	Repairs to pier.....	May 20, 1909	In progress...	.....
".....	B. O. 7163	Removed two pile clusters...	May 4, 1909	May 5, 1909	.....
29th St., N. R.....	B. O. 7008.	Repairs to pier where damaged by Fireboat "Duane." Drove, regulated and staylathed 8 vertical piles.	Jan. 29, 1909	Feb. 27, 1909	.....
30th St., N. R.....	B. O. 6365.	Repairs to decking, sheathing and fender system of pier.....	Mar. 4, 1909	In progress...	.....
35th St., N. R.....	B. O. 5063.	Removed old sheathing and made general repairs to pier.....	June 26, 1908	April 8, 1909	.....
".....	B. O. 7324.	Repairs to decking and sheathing on pier.....	May 12, 1909	May 20, 1909	.....
39th St., N. R.....	B. O. 6983.	Repairs to piers.....	Jan. 15, 1909	Sept. 29, 1909	.....
".....	B. O. 7516.	Repairs to pier.....	Sept. 30, 1909	In progress...	.....
40th St., N. R.....	B. O. 6022.	Repairs to pier.....	Mar. 31, 1908	In progress...	.....
45th St., N. R.....	B. O. 6181.	Repairs to decking and sheathing on pier.....	Aug. 7, 1908	June 16, 1909	.....
".....	B. O. 6982.	Repairs to pier.....	May 4, 1909	July 19, 1909	.....
".....	B. O. 7684.	Repairs to decking, sheathing and fender system on pier.....	Aug. 24, 1909	Nov. 20, 1909	.....
46th St., N. R.....	B. O. 6399.	Repairs to pier.....	Jan. 18, 1909	Feb. 9, 1909	.....
".....	B. O. 6364.	Repairs to pier.....	Oct. 23, 1908	Jan. 17, 1909	.....
47th St., N. R.....	B. O. 5683.	Repairs to unleased portion of pier during year.....	July 13, 1908	Dec. 16, 1909	.....
".....	B. O. 6148.	Repairs to sheathing south side pier and other necessary repairs. Drove, regulated and staylathed 10 piles.....	July 23, 1908	July 20, 1909	.....



## General Repairs.

LOCATION	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
48th St., N. R.....	B. O. 6981.	Repairs to sheathing on outer end of pier and other necessary repairs.....	Mar. 25, 1909	In progress.....	
50th St., N. R.....	B. O. 7240.	Repairs to pier.....	Jan. 22, 1909	In progress.....	
51st St., N. R.....	B. O. 5052.	Repairs to unleased portion of pier.....	Sept. 28, 1907	In progress.....	
52nd St., N. R.....	B. O. 6424.	Repairs to decking and sheathing of pier, putting on new fenders and chocks.	Sept. 3, 1908	In progress.....	
" " ".....	B. O. 7239.	Repairs to pier.....	June 10, 1909	In progress.....	
54th St., N. R.....	B. O. 6980.	Repairs to pier.....	June 24, 1909	In progress.....	
57th St., N. R.....	B. O. 7018.	Repairs to pier.....	Jan. 26, 1909	In progress.....	
78th St. N. R.....	B. O. 6728.	Repairs to bulkhead.....	May 6, 1909	June 3, 1909	
So. of 79th St., N.R....	B. O. 6526.	Repairs to bulkhead.....	April 9, 1909	May 5, 1909	
97th St., N. R.....	B. O. 5685.	Repairs to pier.....	Aug. 28, 1908	July 1, 1909	
" " ".....	B. O. 7275.	Repairs to landing stage used by Armory Board.....	May 29, 1909	Aug. 18, 1909	
129th St., N. R.....	B. O. 6629.	Repairs to flooring of upper deck of pier.....	Sept. 20, 1908	May 28, 1909	
131st St., N. R.....	B. O. 5053.	Repairs to pier.....	April 12, 1907	July 25, 1909	
133rd St., N. R.....	B. O. 6978.	Repairs to pier.....	April 21, 1909	In progress.....	
EAST RIVER.					
East and Harlem Rivers.....	B. O. 6971.	Repairs to unleased piers and bulkheads.....	Jan. 10, 1909	Oct. 25, 1909	
Pier 5, E. R.....	" "	Repaired sheathing and corner piles.....	April 10, 1909	April 10, 1909	
" ".....	" "	Repaired sheathing and corner piles.....	April 13, 1909	April 13, 1909	
" ".....	" "	Repaired sheathing and corner piles.....	April 31, 1909	April 31, 1909	
" ".....	B. O. 7630.	Repairs to sheathing, fender system, etc.....	July 22, 1909	Aug. 20, 1909	
Pier New 6, E. R.....	B. O. 5796.	Repairs to decking and sheathing.....	Sept. 23, 1908	Jan. 27, 1909	
" " " ".....	B. O. 6053.	Repairs to pier.....	Feb. 19, 1909	Mar. 16, 1909	
" " " ".....	B. O. 7043.	Repairs to pier.....	Jan. 27, 1909	Feb. 27, 1909	
" " " ".....	B. O. 7222.	Repairs to pier.....	June 12, 1909		Suspended Nov. 30, 1909
Pier 11, E. R.....	B. O. 6971.	Repaired pier.....	May 25, 1909	May 26, 1909	
Pier New 11, E. R....	B. O. 7161.	Installed heavy fender system at outer corners pier..	Oct. 23, 1907	Mar. 30, 1909	
" " ".....	B. O. 7483.	Repairs to pier.....	July 26, 1909	Aug. 13, 1909	



## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot 5th St. ....	B. O. 7872.	Repaired decking and sheathing.....	Nov. 5, 1909	Nov. 5, 1909	.....
" " " " .....	B. O. 7872.	Repaired decking and sheathing.....	Dec. 20, 1909	Dec. 23, 1909	.....
Pier foot 9th St., E. R.	B. O. 6971.	Refastened corner piles.....	Sept. 17, 1909	Sept. 17, 1909	.....
Pier foot 12th St., E. R.....	B. O. 6971.	Repaired pier.....	June 3, 1909	June 3, 1909	.....
Between 15th and 16th Sts., E. R.....	B. O. 7872.	Repaired backing log.....	Dec. 23, 1909	Dec. 30, 1909	.....
Bulkhead foot 16th St., E. R.....	B. O. 6971.	Built fence at bulkhead.....	Apr. 27, 1909	Apr. 27, 1909	.....
Pier foot 18th St., E. R.....	B. O. 7956.	Repairs to pier.....	Dec. 11, 1909	In progress...	.....
Between 18th and 19th Sts., E. R.....	B. O. 7872.	Repaired backing log.....	Dec. 23, 1909	Dec. 31, 1909	.....
Pier foot 19th St., E. R.....	B. O. 7872.	Repaired pier.....	Nov. 6, 1909	Nov. 6, 1909	.....
" " " " .....	B. O. 7872.	Repaired pier.....	Dec. 22, 1909	Dec. 22, 1909	.....
Between 19th and 20th Sts., E. R.....	B. O. 7872.	Repaired backing log.....	Nov. 8, 1909	Nov. 9, 1909	.....
Pier foot 20th St., E. R.....	B. O. 6023.	Repairs to pier.....	May 7, 1908	July 21, 1909	.....
" " " " .....	B. O. 6971.	Fitted fire hatch covers, and covered piles with galvanized sheet iron.....	July 29, 1909	July 29, 1909	.....
" " " " .....	B. O. 6971.	Fitted fire hatch covers, and covered piles with galvanized sheet iron.....	Sept. 20, 1909	Sept. 20, 1909	.....
" " " " .....	B. O. 6971.	Fitted fire hatch covers, and covered piles with galvanized sheet iron.....	Oct. 14, 1909	Oct. 14, 1909	.....
" " " " .....	B. O. 7872.	Fitted fire hatch covers, and covered piles with galvanized sheet iron.....	Oct. 29, 1909	Oct. 29, 1909	.....
Pier foot 21st St., E. R.....	B. O. 6923.	Repairs to pier.....	Jan. 11, 1909	Mar. 4, 1909	.....
" " " " .....	B. O. 6971.	Old piles were replaced.....	June 17, 1909	June 17, 1909	.....
Pier foot 22d St., E. R.	B. O. 6971.	Fence was built.....	Feb. 24, 1909	Feb. 24, 1909	.....
Between 23d and 24th Sts., E. R.....	B. O. 6971.	Placed backing log.....	Oct. 4, 1909	Oct. 6, 1909	.....
E. 23d St. Ferry, E. R.	B. O. 6927.	Pumped pontoon.....	Aug. 16, 1909	Aug. 16, 1909	.....
Pier foot 24th St., E. R.....	B. O. 6971.	Repaired pier.....	June 3, 1909	June 3, 1909	.....
" " " " .....	B. O. 6971.	Repaired pier.....	June 5, 1909	June 5, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot 24th St., E. R.....	B. O. 6971.	Repaired pier.....	June 16, 1909	June 16, 1909	.....
" " "	B. O. 6971.	Repaired pier.....	July 7, 1909	July 7, 1909	.....
" " "	B. O. 6971.	Repaired pier.....	July 22, 1909	July 22, 1909	.....
" " "	B. O. 6971.	Repaired pier.....	Sept. 9, 1909	Sept. 9, 1909	.....
" " "	B. O. 6971.	Repaired pier.....	Sept. 14, 1909	Sept. 14, 1909	.....
" " "	B. O. 6971.	Repaired Pier.....	Oct. 20, 1909	Oct. 22, 1909	.....
" " "	B. O. 7673.	Repairs to pier. Part of work charged to New York Ex- cursion Co..... Part of work at cost of City.....	Sept. 9, 1909 Oct. 6, 1909	Sept. 14, 1909 Oct. 12, 1909	..... .....
Pier foot 26th St., E. R.....	B. O. 7872.	Repaired pier.....	Nov. 5, 1909	Nov. 8, 1909	.....
Pier foot 28th St., E. R.....	B. O. 6441.	Repairs to pier.....	Sept. 10, 1908	Apr. 12, 1909	.....
" " "	B. O. 6971.	Oak fender piles were driven and chocked, and ap- proach repaired.....	June 1, 1909	June 2, 1909	.....
" " "	B. O. 6971.	Oak fender piles were driven and chocked, and ap- proach repaired.....	Sept. 7, 1909	Sept. 14, 1909	.....
" " "	B. O. 6971.	Oak fender piles were driven and chocked, and ap- proach repaired.....	Oct. 12, 1909	Oct. 12, 1909	.....
" " "	B. O. 7872.	Oak fender piles were driven and chocked, and ap- proach repaired.....	Dec. 7, 1909	Dec. 7, 1909	.....
Pier foot 29th St., E. R.....	B. O. 7872.	Repaired pier.....	Dec. 9, 1909	Dec. 9, 1909	.....
Pier foot 30th St., E. R.....	B. O. 7872.	Repaired sheathing.....	Nov. 27, 1909	Nov. 27, 1909	.....
" " "	B. O. 7872.	Repaired sheathing.....	Dec. 31, 1909	Dec. 31, 1909	.....
Pier foot 32d St., E. R.	B. O. 6883.	Repairs to decking, sheath- ing, fender system, etc....	Dec. 29, 1908	Jan. 8, 1909	.....
" " " " "	B. O. 6971.	Gangway was closed and sheathing repaired.....	June 16, 1909	June 17, 1909	.....
" " " " "	B. O. 6971.	Gangway was closed and sheathing repaired.....	July 24, 1909	July 24, 1909	.....
" " " " "	B. O. 7648.	Repairs to decking, sheath- ing, etc.....	Aug. 14, 1909	Dec. 6, 1909	.....
Pier foot 36th St., E. R.....	B. O. 6971.	Repaired sheathing.....	Mar. 3, 1909	Mar. 3, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot 36th St., E. R.....	B. O. 6971.	Repaired sheathing.....	May 5, 1909	May 8, 1909	.....
" " "	B. O. 7629.	Repairs to decking, sheathing, etc.....	h-Aug. 6, 1909	Dec. 10, 1909	.....
Pier foot 37th St., E. R.....	B. O. 6423.	Repairs to sheathing, etc....	Jan. 5, 1909	Jan. 16, 1909	.....
Pier foot 42d St., E. R.	B. O. 6971.	Cleats were removed for backing log.....	April 10, 1909	April 10, 1909	.....
Pier foot 49th St., E. R.....	B. O. 7191.	Repairs to pier.....	April 26, 1909	April 26, 1909	.....
" " "	B. O. 7625.	Repairs to sheathing, etc....	Aug. 30, 1909	Sept. 14, 1909	.....
Bulkhead at 53d St., E. R.....	B. O. 7872.	Repaired bulkhead.....	Dec. 7, 1909	Dec. 9, 1909	.....
Pier foot 53d St., E. R.	B. O. 7872.	Cleats were placed on pier....	Dec. 3, 1909	Dec. 3, 1909	.....
Pier foot 54th St., E. R.....	B. O. 6971.	Repaired wooden mooring posts on bulkhead.....	July 16, 1909	July 17, 1909	.....
Platform foot 54th St., E. R.....	B. O. 7681.	Repairs to decking, sheathing, fender system, etc....	Aug. 24, 1909	Sept. 8, 1909	.....
55th St., E. R.....	B. O. 7508.	Plugged pipe used by Peter Doelger Brewing Co., permit having expired July 31, 1909.....	July 31, 1909	July 31, 1909	.....
Bulkhead at 59th St., E. R.....	B. O. 6971.	Constructed fence.....	May 1, 1909	May 1, 1909	.....
Pier foot 60th St., E. R.....	B. O. 6971.	Repaired pier under dump and constructed fence.....	July 21, 1909	July 22, 1909	.....
" " "	B. O. 6971.	Repaired pier under dump and constructed fence.....	Sept. 15, 1909	Sept. 16, 1909	.....
Pierfoot 61st St., E. R.	B. O. 6971.	Corner bands at outer end of pier were repaired.....	Sept. 15, 1909	Sept. 15, 1909	.....
Between 61st and 62d Sts., E. R.....	B. O. 6971.	Repaired platform.....	May 27, 1909	May 29, 1909	.....
Pier foot 62d St., E. R.	B. O. 6971.	Iron corner bands and chocks were repaired.....	Jan. 26, 1909	Jan. 26, 1909	.....
" " " "	B. O. 6971.	Iron corner bands and chocks were repaired.....	Feb. 1, 1909	Feb. 1, 1909	.....
" " " "	B. O. 6971.	Iron corner bands and chocks were repaired.....	Sept. 17, 1909	Sept. 17, 1909	.....
" " " "	B. O. 6877.	Repairs to pier.....	May 25, 1909	May 28, 1909	.....
Between 63d and 64th Sts., E. R.....	B. O. 6971.	Chocks were placed and repaired.....	June 23, 1909	June 23, 1909	.....
" " "	B. O. 6971.	Chocks were placed and repaired.....	Sept. 9, 1909	Sept. 9, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot 64th St., E. R.....	B. O. 6971.	Piles were replaced in front of sewer.....	Feb. 5, 1909	Feb. 5, 1909	.....
Between 64th and 65th Sts., E. R.....	B. O. 6971.	Fender chocks were placed and fastened on bulkhead.	Sept. 13, 1909	Sept. 13, 1909	.....
Between 76th and 77th Sts., E. R.....	B. O. 7830.	Old shanties were removed, one of which was placed between 78th and 79th Sts., E. R.....	Oct. 23, 1909	Oct. 23, 1909	.....
Pier foot 86th St., E. R.....	B. O. 6971.	Repaired approach to pier, sheathing and backing log, and re-fastened fenders...	Mch. 6, 1909	Mch. 6, 1909	.....
" " "	B. O. 6971.	Repaired approach to pier, sheathing and backing log, and refastened fenders	June 26, 1909	June 29, 1909	.....
" " "	B. O. 6971.	Repaired approach to pier, sheathing and backing log, and refastened fenders....	July 27, 1909	Aug. 2, 1909	.....
" " "	B. O. 7872.	Repaired approach to pier, sheathing and backing log, and refastened fenders....	Nov. 6, 1909	Nov. 10, 1909	.....
Pier foot 91st St., E. R.	B. O. 6971.	Refastened piles and backing log.....	Mar. 3, 1909	Mar. 3, 1909	.....
" " " "	B. O. 6971.	Refastened piles and backing log.....	July 1, 1909	July 1, 1909	.....
Pier foot 95th St., E. R.....	B. O. 6971.	Repaired sheathing.....	Mar. 19, 1909	Mar. 20, 1909	.....
" " "	B. O. 6971.	Repaired sheathing.....	Aug. 3, 1909	Aug. 3, 1909	.....
" " "	B. O. 6971.	Repaired sheathing.....	Aug. 12, 1909	Aug. 12, 1909	.....
" " "	B. O. 7693.	Repairs to pier.....	Sept. 19, 1909	Oct. 4, 1909	.....
Pier foot 96th St., E. R.....	B. O. 7626.	Repairs to decking, sheath- ing, etc.....	Aug. 3, 1909	Oct. 15, 1909	.....
" " "	B. O. 6971.	Refastened piles and sheath- ing.....	Mar. 3, 1909	Mar. 3, 1909	.....
" " "	B. O. 6971.	Refastened piles and sheath- ing.....	Mar. 31, 1909	Mar. 31, 1909	.....
" " "	B. O. 6971.	Refastened piles and sheath- ing.....	May 20, 1909	May 20, 1909	.....
" " "	B. O. 6971.	Refastened piles and sheath- ing.....	July 7, 1909	July 7, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot 100th St., H. R.....	B. O. 6971.	Repaired sheathing, etc.....	May 29, 1909	May 29, 1909	.....
" " "	B. O. 6971.	Repaired sheathing, etc.....	July 10, 1909	July 10, 1909	.....
" " "	B. O. 6971.	Repaired sheathing, etc.....	Sept. 4, 1909	Sept. 7, 1909	.....
" " "	B. O. 7872.	Repaired sheathing, etc.....	Nov. 4, 1909	Nov. 5, 1909	.....
Pier foot 102d St., H. R.....	B. O. 6971.	Repaired corner bands and sheathing.....	May 29, 1909	June 2, 1909	.....
Bulkhead foot 106th St., H. R.....	B. O. 6971.	Spliced fender pile.....	June 11, 1909	June 11, 1909	.....
Pier foot 106th St., H. R.....	B. O. 6708.	Repairs to bulkhead plat- form.....	June 24, 1909	July 10, 1909	.....
Pier foot 107th St., H. R.....	B. O. 6971.	Side chocks were replaced and refastened.....	Aug. 18, 1909	Aug. 19, 1909	.....
Between 108th and 109th Sts., H. R.....	B. O. 7872.	Replaced backing log.....	Nov. 20, 1909	Nov. 22, 1909	.....
Pier foot 108th St., H. R.....	B. O. 7627.	Repairs to decking and sheathing.....	Aug. 18, 1909	.....	Suspended Aug. 20, '09
Pier foot 109th St., H. R.....	B. O. 7628.	Repairs to decking, sheath- ing, etc.....	Aug. 21, 1909	.....	Suspended Aug. 23, '09
Pier foot 110th St., H. R.....	B. O. 6024.	Extensive repairs to pier, in- cluding laying of concrete decking.....	Aug. 20, 1908	Oct. 9, 1909	.....
Pier foot 112th St., H. R.....	B. O. 7224.	Repairs to pier (southerly side).....	May 27, 1909	Oct. 4, 1909	.....
Pier foot 117th St., H. R.....	B. O. 6971.	Fastened corner piles.....	June 5, 1909	June 5, 1909	.....
Pier foot 118th St., H. R.....	B. O. 7464.	Repairs to pier.....	July 6, 1909	Aug. 11, 1909	.....
" " "	B. O. 6591.	Repairs to approach to pier.	May 12, 1909	July 10, 1909	.....
Between 120th and 121st Sts., H. R.....	B. O. 7112.	Removed piles in northerly half of block.....	Feb. 25, 1909	Feb. 26, 1909	.....
" " "	B. O. 7254.	Removed platform in front of north half of block.....	April 9, 1909	April 12, 1909	.....
Pier foot 136th St., H. R.....	B. O. 6971.	Repaired pier.....	Oct. 7, 1909	Oct. 7, 1909	.....
138th St., H. R., Port Morris.....	B. O. 6971.	Repaired float.....	Mar. 19, 1909	Mar. 20, 1909	.....
Harts Island, Docks Nos. 1 and 2.....	E. O.....	Examined piles to ascertain ravages of teredoes.....	Aug. 5, 1909	Aug. 23, 1909	.....

## General Repairs.

LOCATION.	AUTHORIZATION.	NATURE OF WORK.	BEGUN.	FINISHED.	REMARKS.
Pier foot Main St., City Island.....	B. O. 7472.	Repairs to pier.....	July 21, 1909	Aug. 2, 1909	.....
Pier foot Fordham Ave., City Island, Bronx.....	B. O. 7875.	Repairs to pier and approach	Nov. 24, 1909	Dec. 31, 1909	.....
BOROUGH OF BROOKLYN.					
Freeman St., Whale Creek.....	B. O. 7412.	Fenced off area foot of street.	June 21, 1909	June 25, 1909	.....
Noble St., Brooklyn...	B. O. 6431.	Installed 2 spring piles at each corner.....	Jan. 4, 1909 Jan. 14, 1909	Jan. 30, 1909 Jan. 16, 1909	.....
" " "	B. O. 6775.	Repairs to pier.....	Dec. 15, 1908		Suspended Dec. 17, '08
" " "	B. O. 7265.	Repaired sheathing on pier..	May 10, 1909	May 20, 1909	.....
" " "	B. O. 7461.	Repairs to sheathing and fender piles.....	June 29, 1909	Aug. 6, 1909	.....
So. 5th St.....	B. O. 7116.	Repairs to pier.....	Mar. 3, 1909	Mar. 29, 1909	.....
Pier No. 4, Wallabout.	B. O. 7184.	Repairs to sheathing.....	Mar. 30, 1909	May 8, 1909	.....
" " "	B. O. 7839.	Repairs to decking.....	Dec. 3, 1909	Dec. 31, 1909	.....
Pier No. 5, Wallabout.	B. O. 7185.	Repairs to sheathing.....	May 21, 1909	June 19, 1909	.....
" " "	B. O. 7840.	Repairs to decking.....	Oct. 30, 1909	Dec. 2, 1909	.....
3d St., Gowanus Canal	B. O. 7647.	Installed water connections in office of Dockmaster...	Aug. 10, 1909	Aug. 14, 1909	.....
Metropolitan Ave., Brooklyn.....	B. O. 6600.	Repaired sheathing.....	July 6, 1909	July 6, 1909	.....
" " "	B. O. 7953.	General repairs to pier.....	Dec. 29, 1909	In progress...	.....
Foot Degraw St., Brooklyn, Gowanus Canal.....	B. O. 6600.	Repaired backing log.....	May 24, 1909	June 2, 1909	.....
Bay Ridge Ave., Brooklyn.....	B. O. 6623, superseded by B. O. 7303.	Repairs to pier where dam- aged by Steamship "Tu- dor Prince," of the Prince Line. Erected temporary fence around wreckage....	July 27, 1909	Nov. 20, 1909	.....
Brooklyn and Queens.	B. O. 6600.	Repairs to unleased piers and bulkheads.....	May 24, 1909	In progress...	.....
52nd St., Brooklyn...	B. O. 6797.	Repairs to decking of pier...	Feb. 1, 1909	Feb. 20, 1909	.....
BOROUGH OF QUEENS.					
Whitestone Landing..	B. O. 7901.	Repairs to approach and un- leased portion of pier....	Nov. 24, 1909	Nov. 30, 1909	.....
BOROUGH OF RICHMOND.					
Richmond Ave., Port Richmond.....	B. O. 7277.	Removed old fence and filled in hole foot of Richmond Ave.....	April 26, 1909	In progress...	.....



## FLOATING PROPERTY.

The floating property of the Department consists of the following:

	Built.	Length.		Breadth.		Depth.		Draught.	
		Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
100-ton Derrick.....	1871-72	70		65		12	10½	10	30
40-ton Derrick, formerly 12-ton Derrick No. 1.....	1899	70		30		7	6	5	
25-ton Derrick.....	1907	72	11	36	10	8	11¼	7	
12-ton Derrick No. 2.....	1891	70		30		7	6	5	
12-ton Derrick No. 3.....	1892	70		30		7	6	5	
10-ton Derrick.....	1874	49	6	35	25	7		3	2
3-ton Derrick.....	1905	35		18	2	4	6		
Tug "Richmond"*.....	1891	98		19	5	.....		9	10
Tug "Manhattan"†.....	1900	110		21	6	12	0½	10	
Tug "Brooklyn".....	1902	100	10	22		12		9	
Pile-driver No. 4.....	1890	45		22		5		2	5
Pile-driver No. 5.....	1891-92	46		23		5	6	2	10
Pile-driver No. 6.....	1891-92	42	7	20	6	4	8	2	6
Pile-driver No. 7.....	1874	42	8	20	5	4		2	2
Pile-driver No. 8‡.....	1874	42	7	20	5	4		2	2
Pile-driver No. 9.....	1888	45		22		5		2	1
Pile-driver No. 10.....	1881	50	4	26		5	7½	3	7¼
Pile-driver No. 11.....	1881	50	4	26		5	7½	3	7½
Pile-driver No. 12.....	1890	45		22		5		2	9
Pile-driver No. 13.....	1892	46		23		5	6	2	10
Pile-driver No. 14.....	1893	46		23		5	6	2	10
Pile-driver No. 15.....	1893	45		22		5		2	7
Pile-driver No. 16.....	1893	45		22		5		2	7
Pile-driver No. 17.....	1899	53		28		7		2	3
Pile-driver No. 18.....	1899	45		22		5		2	
Pile-driver No. 19‡‡.....	1904	70		30		7	6	6	
Pile-driver No. 21.....	1905	45		23		5		.....	
Pile-driver No. 22.....	1906	56		29		7	6	4	
Pile-driver No. 23.....	1906	56		29		7	6	4	
Pile-driver No. 24.....	1906	56		29		7	6	4	
Pile-cutter No. 20.....	1904	53		28		5		.....	
Deck Scow "B".....	1875	71		30		7		5	6
Deck Scow "C".....	1875	70		30		7		5	6

\* Name changed from "Pier" to "Richmond," March 16th, 1902, by authority of Commissioner of Navigation.

† Name changed from "Richard Croker" to "Manhattan," March 14th, 1902, by authority of Commissioner of Navigation.

‡ The Scow of Pile-driver No. 8 was repaired, caulked and painted and is now used as a small deck scow; the pile driver being condemned and dismantled.

‡‡ Formerly Scow "L," built in 1889. Dismantled in 1906 and is now known as Scow "L."

## Floating Property.

	Built.	Length.		Breadth.		Depth.		Draught.	
		Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
Deck Scow "D".....	1875	70		30		7		5	6
Deck Scow "H".....	1887	70		30		7	6	6	
Deck Scow "I".....	1887-88	70		30		7	6	6	
Deck Scow "K".....	1888	70		30		7	6	6	
Deck Scow "L"*.....	1889	70		30		7	6	6	
Deck Scow "M".....	1892	70		30		7	6	6	
Deck Scow "N".....	1891	70		30		7	6	6	
Deck Scow "O".....	1891	70		30		7	6	6	
Deck Scow "P".....	1893	70		30		7	6	6	
Deck Scow "S".....	1892	50	4	26		6	7	1	11
Deck Scow "U".....	1894	70		30		7	6	6	
Deck Scow "V".....	1900	70		30		7	6	6	
Deck Scow "W".....	1901	70		30		7	6	6	
Deck Scow "X".....	1904	90		40		7		7	
Deck Scow "Y".....	1905	90		40		9		.....	
Coal Scow "Z".....	1905	90		40		9		.....	
Air Compressor.....	1905	46	2	26		5	6½	.....	
Diving Scow "A".....	1888	34		17		3	6	.....	18½
Diving Scow "B".....	1905	34		17		3	8	.....	
Diving Scow "C".....	1905	34		17		3	8	.....	
Diving Scow "D".....	1905	34		17		3	8	.....	
Diving Scow "E".....	1905	34		17		3	8	.....	
Diving Scow "G".....	1883	34		17		3		.....	14
Diving Scow "N".....	1899	34		17		3	6	.....	15
Diving Scow "S".....	1891	34		17		3	6	.....	15
Diving Scow "T".....	1894	34		17		3	6	.....	1
Borer "Woodcock".....	1870	28	2	14	5	3	4	.....	2
Steam Launch "A".....	1907	60		11	6	.....	.....	.....	5 6
Steam Launch "B".....	1907	60		11	6	.....	.....	.....	5 6
Steam Launch "General McClellan".....	1904	56		11		5	4	.....	7
Steam Launch "Bronx" No. 4, purchased.....	1899	49	8	8		5		.....	42
Steam Launch "Bronx" No. 4, rebuilt.....	1901	55	2	10	11	4	3½	.....	3
Steam Launch "Queens" No. 5	1901	32	5	8	4	4	5	.....	3 1
Naphtha Launch "Croton" No. 1.....	1888	21		5		2	3	.....	22
Naphtha Launch "Kills" No. 2	1893	25		6		2	5	.....	1 10
Naphtha Launch "Spuyten Duyvil" No. 3, formerly "Alco" vapor launch.....	1898	30	9	6	6	4		.....	26
Motor Launch "Jamaica Bay"	1909	21		5	6	.....	.....	.....	30

\* In 1904, Scow "L" was rigged up as a pile-driver and numbered Pile-driver 19. In 1906 it was dismantled and received its old title as Scow "L."

## Floating Property.

Thirty-nine yawl boats, 6 bateau and 12 Sounding boats; 14 skiffs; 1 rowboat; 4 sets of landways, 30, 38 and 45 feet high; 1 set of inclined 50-foot pile-driver ways; 1 scow used as boat landing at Pier "A," North River; 1 scow formerly used as boat landing at Forty-second street, N. R. 2 scows, landing stages 18x45 feet.

Repairs have been made during the year to hulls, machinery, houses, rigging, decks, fenders and equipment in general, by the force of the Department, and all floating property kept in good order and condition.

## DEPARTMENT YARDS.

## WORK AT WEST 57TH STREET YARD DONE BY THE DEPARTMENT.

*Machine Shop.*

Made tools and cut stakes for the surveyors; made rope and hanging fenders; made tool house; made ladders, patterns, pike poles and cant hooks; repaired boilers and tools; spun oakum, heated pitch, planed and sawed timber, and made repairs to machinery for municipal ferryboats.

*Testing Room.*

Various material, such as rope, iron, cement, steel, concrete, granite, etc., were tested in the testing laboratory from time to time, under the various contracts for testing of such material, and observations made and recorded on same.

Testing laboratory maintained in first-class condition during the year.

*New Concrete Building.*

Under B. O. 5090 a concrete building has been in course of construction since April 26, 1907, at the West 57th Street yard, for use as a blacksmith shop, power house, etc., with reinforced concrete coal pockets in same; also under this bureau order the old building formerly where the offices were situated at the West 57th Street yard, and old buildings where the new storehouse is now located at the West 57th Street yard, were demolished, the material taken care of, and arrangements made for the sale of same at auction; also large quantities of Department stores were removed from the old buildings and removed to suitable places under these conditions, and subsequently stored in new storehouse. Ninety batches of concrete were made and placed in building. Work still in progress.

*Coal Pockets.*

## Coal Received During the Year 1909.

From William Farrell & Son, in wagons:

	Anthracite.	Cumberland.
Contract No. 1124 .....	17 tons	12 tons
“ “ 1145, Class 2 .....	1,050 “	.....
“ “ 1145, “ 3 .....	.....	42 tons
“ “ 1183, “ 2 .....	383 $\frac{1760}{2240}$ tons	12 “
	<hr/>	<hr/>
	1,450 $\frac{1760}{2240}$ tons	66 tons

## Department Yards.

W. P. W. Haff:	Anthracite.
Contract No. 1145, Class 1 .....	3,412 $\frac{1200}{2340}$ tons, by boat
With Pattison & Bowns:	
Contract No. 1183, Class 2.....	2,033 $\frac{1110}{2240}$ " " "

## Summary.

Cumberland, in wagons.....	66	tons
Anthracite, " " .....	1,450 $\frac{1760}{0}$	"
" " boats .....	5,446 $\frac{470}{2240}$	"
Total .....	6,962 $\frac{2230}{2240}$	tons

*Blacksmith Shop, Etc.*

Made and repaired ironwork, tools, etc., for use on Department work.

Painted and repaired Acme automobile No. 770, used by the Deputy Commissioner.

Repaired locomobile used by the Superintendent of Docks.

Made storm sashes for West 57th Street yard office of floating property.

Made cold chisels for use in storeroom at West 57th Street yard.

Made type "B" elevator pits for Chelsea Section piers.

Repaired automobile used by the Chief Engineer.

Fitted up Lake Champlain floats for use at the Hudson-Fulton celebration; also made gangways, ladders, flagpoles, etc., and fitted up four deck scows and man-o'-war landing floats for use at the Hudson-Fulton celebration.

Repaired roof of shanty at Sherman's Creek basin and West 75th Street basin.

September 21st: Bridge pontoon (removed from St. George Terminal) was placed in the water at West 57th Street yard during the Hudson-Fulton celebration.

Boat-landing stage removed from St. George to West 57th Street.

## MISCELLANEOUS WORK DONE AT WEST 57TH STREET YARD, N. R.

Kept in condition engines and cement hoists, concrete mixing platforms and derricks; repaired storehouse, sheds, sand and stone bins, rebuilding concrete platform. The Department property was cared for and the Department yard kept in a satisfactory condition. Also the yard gang has been engaged in storing materials and delivering same under various contracts; repairing office, making tools and coal boxes, etc., for the various Section offices, handling and tiering all cement received during the year; loading scows with material for various Sections both on the North and East Rivers. General yard work has also been attended to.

Fitting up machinery and belting for same in new buildings.

Made and fitted up closets, racks, shelves, partition compartments, etc., in new storeroom.

Handled, sawed and planed timber for use on Department work. Built and painted tool houses for use of sweepers on North and East Rivers. Cleaned up pier. Made and repaired tools. Made rope and hanging fenders. Made ladders, pike poles, patterns, etc. Repaired and painted buildings, shops, etc. Repaired coal pockets, bins, chutes, machinery, boilers, engines, steam and water pipes, etc. Built, painted and placed

## Department Yards.

tool houses in Department work for use of sweepers. Made tide gauge staffs, tools, stakes, drills, chisels, etc., for use of surveyors, etc., at West 57th Street yard. Made sets of sounding rods and keys and repaired tools. Repaired automatic tide gauges, houses, etc. Made boat hooks. Got out material for automatic tide gauge at Yonkers, N. Y. Furnished steam and electric power at West 57th Street yard.

## MISCELLANEOUS WORK AT OTHER LOCALITIES.

- B. O. 4752.—Pier at West 55th Street.  
 B. O. 4929.—Fitted up man-of-war landings with gangways, etc.  
 B. O. 5090.—Building concrete boiler house, blacksmiths' shop, etc., at West 57th Street Yard.  
 B. O. 5929.—Repaired isles of safety on North River.  
 B. O. 6006.—Made repairs at Whitehall Terminal.  
 B. O. 6007.—Made repairs to St. George Terminal.  
 B. O. 6008.—Made repairs to 39th Street Terminal, Borough of Manhattan.  
 B. O. 6009.—Made team gangway planks for 39th Street Ferry Terminal, Brooklyn.  
 B. O. 6010.—Repairing Staten Island ferryboats.  
 B. O. 6011.—Repairing 39th Street ferryboats.  
 B. O. 6012.—Repairing 39th Street ferryboats.  
 B. O. 6022.—Repairs to pier at West 40th Street.  
 B. O. 6049.—Working on Jefferson Section Wall.  
 B. O. 6069.—Preparing plans and specifications for construction of a tug.  
 B. O. 6085.—Building a fireproof structure for oil, etc., at St. George.  
 B. O. 6137.—Placing tool house for use of sweepers at Pier 31, N. R.  
 B. O. 6152.—Getting out material and fitting engine, etc., for landways at Whitehall Terminal; also made tool house.  
 B. O. 6371.—Fitted up drums of engine for use of landways at St. George Terminal; also constructed derrick.  
 B. O. 6376.—Constructing a shelter between the ferryhouse and trolley terminal at St. George, S. I.  
 B. O. 6388.—Installed skylight in roof of waiting-room at Whitehall Ferry Terminal.  
 B. O. 6427.—Constructed office for use of Assistant Superintendent of Docks Wooley at Pier New 33, E. R.  
 B. O. 6428.—Constructing office (at West 57th Street yard) for use of Assistant Superintendent of Docks Powers, same to be placed at West 43d Street, N. R.  
 B. O. 6435.—Made two signs—"No boat permitted to land"—for Depot Place.  
 B. O. 6463.—Repaired power boat "Augustine," damaged by tug "Manhattan," at West 99th Street, N. R.  
 B. O. 6509.—Constructed office at Pier New 33, E. R., for use of Mr. Duntze, Assistant Engineer, James Slip Section.  
 B. O. 6633.—Repaired Lighter No. 213 of Pennsylvania R.R., damaged by Department tug "Brooklyn," August 31, 1908.  
 B. O. 6647.—Gowanus Section wall.  
 B. O. 6654.—Working on overhead construction on the plank approach leading to 39th Street Ferry Terminal.  
 B. O. 6661.—Placing canopies on the two bridges at Manhattan Terminal of Staten Island Ferry.

## Department Yards.

- B. O. 6772.—Pier 56, N. R.: Covering water pipe.
- B. O. 6915.—Staten Island Ferry Terminal construction, Manhattan.
- B. O. 6916.—St. George Ferry Terminal construction.
- B. O. 6918.—Made team gangway planks for 39th Street Ferry Terminal.
- B. O. 6979.—Pier 56½, N. R.: Repairs.
- B. O. 7044.—Recreation pier at West 129th Street: Repairs.
- B. O. 7076.—Recreation pier at East 112th Street: Repairs.
- B. O. 7080.—Recreation pier Metropolitan Avenue, Brooklyn: Made repairs.
- B. O. 7082.—Repaired deck scow "L," damaged by tug "Wilkes-Barre." Begun February 17, 1909, and finished February 23, 1909.
- B. O. 7083.—Repaired and painted Department automobile "Locomobile" No. 1192, at West 57th Street yard, for use at Pier "A," N. R.
- B. O. 7088.—Installed life-lines and rings on pile drivers, derricks, etc. Finished April 5th.
- B. O. 7093.—St. George Terminal: Retaining wall construction.
- B. O. 7111.—Constructed two landing floats 18x35 feet long, with gangways, for use at West 129th Street and West 158th Street during the Hudson-Fulton celebration, beginning about September 1, 1909. Same begun March 16th and finished June 19th.
- B. O. 7172.—Prepared plans and specifications for new steel boiler and smoke-stack for tug "Brooklyn." Also getting out Contract No. 1191 for same.
- B. O. 7210.—Repaired and painted automobile of Department, "Locomobile" No. 822, at West 57th Street yard, for use at Pier "A," N. R. Begun March 22d and finished June 4th.
- B. O. 7290.—Repaired ash scow "Lang," damaged by Department tug "Manhattan." Begun and finished April 26th.
- B. O. 7311.—Recreation pier at West 50th Street: Repairs.
- B. O. 7320.—Constructed a toilet room on the floor of the Recreation Building at Cedar Street, N. R.; also made repairs, etc.
- B. O. 7407.—51st Street, South Brooklyn: Coal platform.
- B. O. 7412.—Made signs for use at Newtown Creek, Brooklyn.
- B. O. 7461.—Pier at Noble Street, Brooklyn: Repairs.
- B. O. 7473.—Fireboat landing at Battery: Lengthwise strap plates.
- B. O. 7549.—Bulkhead between Piers 17 and 18, E. R.: Repairs.
- B. O. 7645.—Repaired barge "Reinhart," damaged by tug "Brooklyn" on July 12, 1909.
- B. O. 7646.—Hudson-Fulton celebration: Building gangways for use on boat landings.
- B. O. 7647.—Dockmaster's Office, 3d Street Gowanus Canal: Installing water and sewer connection thereat.
- B. O. 7740.—Repaired ferryboat "New York."
- B. O. 7859.—Vestibule doors, Piers 57 to 62, N. R.
- Made repairs to recreation buildings on North and East Rivers.
- Repaired office for use of surveyors at Gowanus Section.
- Repaired office of engineers at Chelsea Section.
- Repaired garage, etc., at Pier "A," N. R.
- E. O. 9158.—For opening of Stapleton Ferry celebration, May 27th, erected a speaker's platform about 10 feet square on grounds outside of Stapleton Ferry; also a fence.

## Department Yards.

On June 15th placed ferry bridge pontoon on West 57th Street Pier for repairs and caulking; same came from St. George Terminal. Repaired coal carts for use at St. George and 39th Street, South Brooklyn Terminals.

Getting out pipe for fire lines at St. George Terminal.

Made ticket booths for St. George Terminal.

Fitting up coal-hoisting plant for 39th Street, South Brooklyn.

Repaired plumbing work at Engineer's Office, Manhattan Terminal, 39th Street Ferry.

August 1st to 5th.—100-ton derrick removed old ferry bridge from scow "U" and placed bridge on pier at Stapleton, S. I.

E. O. 7872.—Made and lettered sign boat "No Dumping" for 59th and 61st Streets, South Brooklyn.

## CONCRETE BLOCK ACCOUNT.

The following blocks were built during the year:

Yorkville Section, Y.L. modified, Nos. 101 to 107, inclusive.....	168 batches
Yorkville Section, Y.U. standard, Nos. 104 to 110, inclusive.....	147 batches
Jefferson Section, M.L. type, Nos. 200 to 205, inclusive.....	324 batches
Gowanus Section, G.L., Nos. 1 to 30, inclusive.....	26 batches each
Gowanus Section, G.U., Nos. 1 to 19, inclusive.....	26 batches each
Gowanus Section, G.L., Nos. 32 to 72, inclusive.....	26 batches each
Gowanus Section, G.U., Nos. 22 to 32, inclusive.....	26 batches each
Gowanus Section, G.U., Nos. 34 to 45, inclusive.....	26 batches each
Gowanus Section, Special, No. 33.....	24 batches
Gowanus Section, G.L., Nos. 73 to 97, inclusive.....	26 batches each
Gowanus Section, G.U., Nos. 46 to 90, inclusive.....	26 batches each

The following blocks were shipped during the year:

Y.L. modified, Nos. 97 to 107, inclusive.....	24 batches each
Y.U. standard, Nos. 98 to 106, 108, 109, inclusive.....	21 batches each
Y.L. modified special, No. 95.....	24 batches each
Y.L. standard, No. 96.....	26 batches each
Jefferson Section, Nos. 199 to 205, inclusive.....	54 batches each
Gowanus Section, G.L., Nos. 1 to 30, inclusive.....	26 batches each
Gowanus Section, G.U., Nos. 1 to 19, inclusive.....	26 batches each
Gowanus Section, G.L., Nos. 32 to 53, inclusive, Nos. 55, 56, 58, 61, 62, 64, 65, 66, 70.....	26 batches each
Gowanus Section, G.U., Nos. 22 to 32, inclusive, Nos. 35, 37, 39, 40, 41, 42.....	26 batches each
Gowanus Section, Special, No. 33.....	24 batches
Gowanus Section, G.L., Nos. 73, 74, 75, 78, 79, 80, 81, 83, 87, 88, 89, 90, 91, 92, 97.....	26 batches each
Gowanus Section, G.U., Nos. 46 to 77, inclusive, Nos. 83 and 84.....	26 batches each
On hand December 31, 1909:	
Gowanus Section, G.L., Nos. 76, 77, 82, 84, 85, 86, 93, 94, 95, 96.....	26 batches each
Gowanus Section, G.U., Nos. 78, 79, 80, 81, 82, 85, 86, 87, 88, 89, 90...	26 batches each

*West 75th Street Timber Basin.*

Rafts were made and towed to the various sections and piece of work, including the Municipal ferries, as ordered; sunken piles were placed on catamarans and in cradles, and timber and piles were taken care of.

**Department Yards.**

Contracts were supervised and material received at the West 75th Street timber basin and the Sherman's Creek, H. R., pile basin.

*Sherman's Creek Pile Basin, H. R.*

At this pile basin piles were placed in cradles and received for storage from the West 75th Street basin; also, as ordered, from the Sherman's Creek pile basin; were taken from the cradles and shipped to the various localities in different parts of the City. This included both yellow pine piles of various lengths and oak piles. Work was continuous throughout the year.

## EAST 24TH STREET YARD.

## CONCRETE BLOCK ACCOUNT.

4,864 batches of concrete were made and placed in mould for the following blocks, finished:

- 14 ML blocks (Nos. 185, 189, 191 to 198, inclusive, and 206 to 209, inclusive).
- 5 UU blocks (Nos. 62 to 66, inclusive).
- 16 YL blocks (Nos. 116, 117, 125, 126 and 128 to 139, inclusive).
- 18 YU blocks (Nos. 113, 114, 115, 118, 119, 120 and 128 to 139, inclusive).
- 43 GL blocks (Nos. 101 to 143, inclusive).
- 53 GU blocks (Nos. 101 to 153, inclusive).
- 8 JS blocks Nos. 27 to 34, inclusive).

*Blocks on Hand December 31, 1908:*

- 9 ML blocks.
- 1 UU block.
- 12 YL blocks.
- 7 YU blocks.

*Blocks Shipped During the Year:*

- 19 ML blocks (9 to New Bellevue Section and 10 to Jefferson Section, E. R.)
- 6 UU blocks to Jefferson Section, E. R.
- 21 YL blocks to Yorkville Section, E. R.
- 20 YU blocks to Yorkville Section, E. R.
- 43 GL blocks to Gowanus Section, South Brooklyn.
- 49 GU blocks to Gowanus Section, South Brooklyn.

Note.—Two UU blocks, Nos. 62 and 65, which were shipped to Jefferson Section, E. R., were returned to the East 24th Street yard, leaving the number of UU blocks for Jefferson Section four UU blocks.

*Blocks on Hand December 31, 1909:*

- 4 ML blocks.
- 2 UU blocks.
- 7 YL blocks.
- 5 YU blocks.
- 4 GU blocks.
- 8 JS blocks.



The following is a summary of the Concrete Block Account:

	ML.	UU.	YL.	YU.	GL.	GU.	JS.
On hand December 31, 1908.....	9	1	12	7	..	..	..
Made during 1909.....	14	5	16	18	43	53	8
	—	—	—	—	—	—	—
Totals .....	23	6	28	25	43	53	8
Shipped during 1909.....	19	6	21	20	43	49	..
	—	—	—	—	—	—	—
Balance .....	4	..	7	5	..	4	8
Adding 2 UU blocks returned to yard.....	..	2	..	..	..	..	..
	—	—	—	—	—	—	—
Makes total on hand, December 31, 1909	4	2	7	5	..	4	8

#### GENERAL YARD WORK.

##### GENERAL CHARGES.

##### *James Slip Section, E. R.*

Tools and implements were made and repaired. Fenders, chains and wooden sashes were made. Tide staffs were made and painted. Chains were repaired. Iron, timber and piles were delivered. Mooring posts removed from old piers and platforms were returned to yard and reshipped. Landways were built and painted.

##### *Jefferson Section, E. R.*

Tools and implements were made and repaired. Tide staffs were made and painted. A float stage was built. A crown board, anchors, fenders and sashes were made. Ladders were built. A batterways was built and painted. Divers' outfits, pile bands, chains and a landways were repaired. Granite was cut and loaded on scow for shipment. Coping stone was loaded on scow for shipment. Granite tools were dressed. Concrete material was loaded on scow for shipment. An old landways was broken up. Piles, timber and iron were prepared for shipment.

##### *New Bellevue Section, E. R.*

Tools and implements were made and repaired. Tide staffs were made and painted. Sewer boxes, float stage, a hydrant cover, a drain box, crown boards, a closet for office, etc., were built. Pile chains were made. Tide gauges were made and painted. A batterways was built and painted. Granite and coping were cut and loaded on scow for shipment. Concrete material was loaded on scows for shipment. Timber, iron and piles were shipped. Divers' outfits, chains, pile bands, sewer barrel and clamp screws were repaired. A batterways and a catamaran were repaired.

##### *Yorkville Section, E. R.*

Tools and implements were made and repaired. Anchors, reamers, sashes, frames, chocks, fenders and ring bolts were made. A mixing box and ladders were built. Concrete tub, divers' outfits and a landways were repaired. Coping stone was loaded on scow for shipment. Granite and concrete material were loaded on scows for shipment; also sand and gravel. Granite was cut.

## Department Yards.

*Blackwell Section, E. R.*

Tools and implements were made and repaired. Caps were made for fender piles. Tide gauges were made and painted. Iron plates were repaired. Concrete material and sand were loaded on scows for shipment. Old iron and timber returned were stored in yard. Timber was shipped.

*Gowanus Section, E. R.*

Tools and implements were made and repaired. Sewer barrel, fenders, mixing-box and ladders were built. Chains were repaired. Coping stone was loaded on scow for shipment; also concrete material. Granite was cut and loaded on scows for shipment. Iron and timber were prepared for shipment.

*Miscellaneous Work.*

Acct. B. O. 5767.—Tools were made and repaired.

Acct. B. O. 5796.—Timber was rafted.

Acct. B. O. 5902.—Timber was delivered.

Acct. B. O. 6023.—Tools and implements were made and repaired. Wooden guards, wooden fire-hatch covers, rammer, fire hatches, etc., were made. Chains were repaired. Iron returned was stored. Timber was rafted to be shipped. Concrete material and wire screens were loaded on scow for shipment; also sand.

Acct. B. O. 6024.—Tools and implements were made and repaired. Bolts, a table for Engineer's Office, fire-hatch forms, a concrete hopper, sewer barrels, a lever slide, ladders, a bulletin board and fire-hatch covers were made. Landways were repaired and shipped to East 110th Street. Chains were repaired. Iron and timber were shipped. Chains were shipped. Iron, timber and concrete material were shipped.

Acct. B. O. 6053.—Bolts and tools were repaired. Timber was rafted.

Acct. B. O. 6091.—Old molds were rafted. Signs were painted.

Acct. B. O. 6211.—Timber was loaded on scow for shipment.

Acct. B. O. 6431.—Timber was prepared.

Acct. B. O. 6441.—Timber was rafted.

Acct. B. O. 6600.—Timber was delivered to North 2d Street Pier.

Acct. B. O. 6708.—Bolts were repaired and threaded.

Acct. B. O. 6877.—Timber was rafted.

Acct. B. O. 6882.—Timber was prepared. Ladders and pike poles were made.

Acct. B. O. 6923.—Blocks and chains were repaired. Timber was rafted.

Acct. B. O. 6927.—Pumps were repaired.

Acct. B. O. 6968.—Iron was prepared.

Acct. B. O. 6971.—Signs were made for East 47th Street Pier. Timber was prepared for East 96th Street Pier. Timber was delivered to East 21st Street Pier. Timber was secured and tools and cleats were repaired for East 20th Street Pier.

Acct. B. O. 6987.—Augers and cleat bolts were made. Piles and timber were rafted. Iron was loaded on scow.

Acct. B. O. 7007.—Bolts were cleaned and oiled. Timber was rafted. Dogs, shackles, tools and levers were made.

Acct. B. O. 7020.—Timber was rafted.

Acct. B. O. 7023.—Granite tools were dressed.

Acct. B. O. 7043.—Iron was prepared. Timber was rafted.

Acct. B. O. 7076.—Iron straps and sashes were made.

- Acct. B. O. 7077.—Tools, bolts, toilet seats, sashes and window frames were made. Irons were repaired.
- Acct. B. O. 7078.—Toilet seats, sashes and windows were made.
- Acct. B. O. 7079.—Toilet seats and window sashes were made.
- Acct. B. O. 7080.—Toilet seats and window sashes were made.
- Acct. B. O. 7161.—Timber and piles were rafted.
- Acct. B. O. 7167.—Tools were repaired.
- Acct. B. O. 7181.—Timber was delivered. Tools, straps and irons were made.
- Acct. B. O. 7222.—Timber was prepared.
- Acct. B. O. 7258.—Iron was prepared and timber was delivered.
- Acct. B. O. 7266.—Sewer barrel was made.
- Acct. B. O. 7269.—Timber was prepared.
- Acct. B. O. 7280.—Bolts were made. Material was rafted.
- Acct. B. O. 7364.—Ring bolts and tools were made. Materials were prepared.
- Acct. B. O. 7365.—Piles and timber returned were rafted.
- Acct. B. O. 7404.—Timber was rafted.
- Acct. B. O. 7405.—Timber was rafted and materials were delivered.
- Acct. B. O. 7462.—Timber was rafted.
- Acct. B. O. 7463.—Wooden horses were made.
- Acct. B. O. 7464.—Timber was prepared. Bolts were cleaned and oiled.
- Acct. B. O. 7472.—Timber was rafted. Iron was prepared.
- Acct. B. O. 7473.—Timber was rafted. Bolts and augers were repaired.
- Acct. B. O. 7482.—Bolts were threaded.
- Acct. B. O. 7483.—Timber was rafted. Pike poles and cant hooks were made.
- Acct. B. O. 7517.—Timber and piles were shipped.
- Acct. B. O. 7524.—Timber was prepared.
- Acct. B. O. 7538, 7539, 7544, 7545 and 7549.—Sand was loaded on scow for paving work.
- Acct. B. O. 7552.—Paver's tool box and cart were repaired.
- Acct. B. O. 7554.—Paver's tools were sharpened.
- Acct. B. O. 7556.—Paver's tools and crowbars were sharpened.
- Acct. B. O. 7557.—Paver's tools were sharpened.
- Acct. B. O. 7560.—Paver's hand trucks, tools and picks were repaired.
- Acct. B. O. 7573.—Bolts were threaded.
- Acct. B. O. 7574.—Tools and ring bolts were made.
- Acct. B. O. 7625.—Timber was rafted.
- Acct. B. O. 7626.—Timber was delivered.
- Acct. B. O. 7627.—Timber was rafted.
- Acct. B. O. 7628.—Timber was rafted.
- Acct. B. O. 7629.—Timber was rafted.
- Acct. B. O. 7630.—Timber was rafted and iron was prepared. Tools were repaired.
- Acct. B. O. 7648.—Timber was delivered.
- Acct. B. O. 7673.—Timber was delivered.
- Acct. B. O. 7674.—Tools and ring bolts were made.
- Acct. B. O. 7681.—Timber was delivered.
- Acct. B. O. 7776.—Timber was rafted.

## Department Yards.

Acct. B. O. 7820.—Pike poles and cant hooks were made. Timber was rafted. Bolts were cleaned, oiled and threaded.

Acct. B. O. 7821.—Timber was secured.

Acct. B. O. 7823.—Iron and timber were prepared. Bolts were cleaned, oiled and threaded.

Acct. B. O. 7853.—Timber was delivered.

Acct. B. O. 7872.—Timber was rafted for repairs to backing log between 16th and 17th Streets, E. R. Catamaran was repaired for use at East 30th Street, E. R.

Acct. B. O. 7875.—Timber was rafted.

Acct. B. O. 7883.—Timber was rafted. Signs were made and painted.

Acct. B. O. 7901.—Iron was prepared.

Acct. B. O. 7953.—Timber was rafted. Iron was prepared. Tools and pile bands were repaired.

Acct. B. O. 7959.—Timber was rafted.

Acct. B. O. 7984.—Timber was rafted.

Acct. B. O. 8019.—Piles were delivered.

Acct. E. O. 8670.—Chains were made.

Acct. E. O. for Borings at South Brooklyn.—Pike poles, cant hooks, sample boxes and spikes were made.

## CARE AND MAINTENANCE OF THE YARD.

Old toilet in yard was removed and a new toilet was built in its place; 40 batches of concrete were used for same; a tin roof was put on same.

A toolhouse was built for the stonecutters.

A furnace was made to heat tar; a timber rack was made.

Repairs were made to the following: storage bins, sheds, platforms, hoisting engine, falls and boom of hoisting engine, generator in engine room, trolley crane and track, shops and shanties in yard, water pipes and hydrants, leaders and gutters in yard, stoves in the shops and shanties, steam pipes in the yard, etc. 138 square yards of granite pavement were relaid in the yard.

Painting was done on the following: Flagpole, boom of hoisting engine, new toilet, storage sheds, shops, shanties, platforms, trolley crane, canopy crane over blocks, shanties on East 25th Street pier, fence around yard, signs at entrance, watchman's shanty at entrance, etc.

A drill press was put in the tinsmith shop and shelves were put up in the shop.

Sashes and windows were glazed as required.

Water pipes were boxed. Water pipes were put up on the mixing platform. A steam pipe line was laid to the mixing platform.

Snow was cleaned from the yard as required.

The East 25th Street pier was repaired; 19 oak and 25 yellow pine piles were driven for round corners which were built; fender piles were covered with galvanized iron.

The yard was cleaned and Department property was cared for.

## WALLABOUT TIMBER BASIN, BROOKLYN.

B. O. 6091.

The old material storage basin has been maintained during the year until December 10th, 1909, when it was abolished.

## NOTT AVE. TIMBER BASIN, QUEENS.

B. O. 7883.

A timber basin has been established and is being maintained. The old pile structures in the basin have been removed, November 1st-7th; 3 new and 28 second-hand piles were driven in the basin December 11th-22d. Work begun November 1st, 1909, and in progress.

## SALE OF OLD MATERIAL.

The following old material was sold at public auction and removed by the purchasers:

Monday, June 7, 1909, and on Tuesday, June 8, 1909.

*At Department Yard, Foot of West 80th Street.*

Lot No. 1.—One horizontal return tubular boiler, 72 inches diameter, about 18 feet long.

Lot No. 2.—One old J. P. Allen duplex air compressor.

Lot No. 3.—One old air receiver tank, 32 inches diameter by about 9 feet long.

Lot No. 4.—Two Worthington duplex steam pumps, with cylinders about 5¼ inches by 4¾ inches by 5 inches.

Lot No. 5.—About 10 tons of old scrap iron.

Lot No. 6.—One lot of slate, 33 pieces, sizes varying from 16 inches by 36 inches by 1 inch thick to 29 inches by 60 inches by 2 inches thick.

Lot No. 7.—Two cast-iron cylinders, filled with concrete; size, 14 inches by 18 inches by 6 feet long.

Lot No. 8.—Two lengths of 10-inch rubber suction hose, each about 9 feet long.

Lot No. 9.—A pile of old tin in sheets, varying from very small sizes up to 2 feet by 4 feet; the contents of this pile about 40 feet long by 12 feet by 4 feet high, or about 1,920 cubic feet, including the voids.

*At Timbr Basin, Foot of West 75th Street.*

Lot No. 10.—One 3-foot by 10-foot plank, rafted, 25 by 25 feet square, 4 courses, and about 1 foot deep; in very poor condition.

Lot No. 11.—Forty-three pairs of knee rubber boots and nine pairs of hip rubber boots, unfit for Department use.

*At Department Yard, Foot of West 57th Street.*

Lot No. 12.—About 150 pairs of old rubber boots.

Lot No. 13.—About 2,500 pounds of old rope.

*At Pier "A," North River.*

Lot No. 14.—One lot of old rubber, consisting of thirteen auto shoes and eight inner tubes.

*At Ferry Terminal, St. George, Borough of Richmond.*

Lot No. 15.—Fifteen tons of old boiler tubes.

Lot No. 16.—Six tons of cast-iron scrap.

Lot No. 17.—Six tons of old sheet iron.

## Sale of Old Material.

*At Ferry Terminal, 39th Street, Borough of Brooklyn.*

Lot No. 18.—One Davidson pump, 6 by 7 by 9-foot.

Lot No. 19.—One steam end of Blake pump, 15-inch by 24-inch, with two double-acting pumps, 4-inch by 24-inch, and with framework.

Lot No. 20.—One air pump end, 20-inch by 24-inch, with composition lining.

Lot No. 21.—One circulating pump end, 20-inch by 24-inch, with composition lining.

Lot No. 22.—One cast-iron valve chest for above pump, with bonnet and cast-iron dome.

Lot No. 23.—Two portions of cast-iron hot well box, weight about 800 pounds each.

Lot No. 24.—Two old wrought-iron tanks, about 3-foot by 3-foot by 4 foot.

Lot No. 25.—Four old gatepost castings, about 200 pounds each.

Lot No. 26.—Four circular coal hatch frames, cast iron.

Lot No. 27.—One cast-iron box strainer, 16 inches square.

Lot No. 28.—One cast-iron air chamber, for circulating pump, suction, weight about 400 pounds.

Lot No. 29.—About  $\frac{3}{4}$  ton sheet and angle iron scrap.

Lot No. 30.—One small lot electrical pipe conduit.

Lot No. 31.—One small lot  $\frac{3}{4}$ -inch and 1-inch iron pipe.

Lot No. 32.—One Davidson 6-inch by 7-inch by 9-inch pump.

Lot No. 33.—About 400 feet old wire cable.

Lot No. 34.—About 600 pounds scrap iron.

Lot No. 35.—Four oak doors.

Lot No. 36.—Six curved oak sashes.

Lot No. 37.—Twelve flat oak sashes.

Lot No. 38.—Six oak screens.

Lot No. 39.—Four curved oak screens.

Lot No. 40.—About 25 old oak veneer seats and oak framework.

Lot No. 41.—About 48 chandelier brackets for electric lights.

*At the Drydock of James Shewan & Sons, Foot of East Houston Street, Manhattan.*

Lot No. 42.—About seven tons of scrap iron.

*At the Wallabout Basin, Borough of Brooklyn.*

Lot No. 43.—Raft of 4-inch by 10-inch yellow pine, six courses deep, 24 feet by 25 feet.

Lot No. 44.—Three-inch by 10-inch yellow pine, seven courses deep, 21 feet by 23 feet.

Lot No. 45.—Twelve-inch by 12-inch yellow pine, and 4-inch by 10-inch yellow pine, 2 feet 4 inches deep, 22 feet by 24 feet.

Lot No. 46.—Four-inch by 10-inch yellow pine, seven courses deep, 25 feet by 25 feet.

Lot No. 47.—Twelve-inch by 12-inch yellow pine, five courses deep, 32 feet by 35 feet.

Lot No. 48.—Three-inch by 10-inch yellow pine, twelve courses deep, 25 feet by 25 feet.

Lot No. 49.—Twelve-inch by 12-inch, 5-inch by 10-inch, 3-inch by 10-inch, 4-inch by 10-inch, 4 feet deep, 21 feet by 26 feet.

Lot No. 50.—Twelve-inch by 12-inch, 5-inch by 10-inch, 3-inch by 10-inch, 19 yellow pine piles, about 20 feet; 1 oak pile, about 25 feet; raft, 5 feet deep, 25 feet by 30 feet.

## Sale of Old Material.

Lot No. 51.—Raft of 12-inch by 12-inch, 3-inch by 10-inch, 5-inch by 10-inch yellow pine, 4 feet deep, 35 feet by 21 feet; 25 yellow pine piles, 10 feet and up; 6 oak piles, 25 feet and up.

Lot No. 52.—Twelve-inch by 12-inch yellow pine, 8-inch by 12-inch oak, one course deep, 10 feet by 50 feet.

Lot No. 53.—Raft of 25 spruce piles, 35 to 40 feet long.

Lot No. 54.—Raft of piles, 10 to 25 feet long; size of raft, 25 feet by 28 feet; one course deep.

Lot No. 55.—Raft of 12-inch by 12-inch, 4-inch by 10-inch, 5-inch by 10-inch, 19 yellow pine piles; raft about 3 feet deep, 20 feet by 25 feet.

Lot No. 56.—Raft of yellow pine timber, 4-inch by 10-inch, eight courses deep, 20 feet by 30 feet.

Lot No. 57.—Raft of 21 spruce mold boards, 35 square inches in each; 10 spruce mold boxes, about 2 feet by 8 feet.

Lot No. 58.—Catamaran J, 78 pile butts, 20 feet to 23 feet long; 57 pile props, 14 feet to 22 feet; 5 piles, 42 feet to 48 feet long.

Lot No. 59.—Raft of 4-inch by 10-inch yellow pine, eleven courses deep, 25 feet by 30 feet.

Lot No. 60.—Raft of 12-inch by 12-inch yellow pine, 770 linear feet; 6-inch by 12-inch yellow pine, 150 linear feet; 5-inch by 10-inch yellow pine, 300 linear feet; 9 spruce piles, 20 feet and up.

Lot No. 61.—Twelve-inch by 12-inch yellow pine, 460 linear feet; 3-inch by 10-inch and 4-inch by 10-inch yellow pine, 1,000 linear feet; 25 yellow pine piles, 25 feet and up.

Lot No. 62.—4-inch by 10-inch yellow pine, 3 feet deep, 22 feet by 25 feet.

Lot No. 63.—12-inch by 12-inch yellow pine, 2 courses deep, 20 feet by 30 feet.

*At East 24th Street Yard.*

Lot No. 64.—1,000 pounds scrap iron, including cast iron, wrought iron, wire, etc.

Lot No. 65.—2,000 paving blocks (large).

Lot No. 66.—Two blacksmith's bellows.

Lot No. 67.—275 feet of 1½-inch hose, 75 pairs old rubber boots, 15 diving dresses.

Monday, November 29, 1909.

*At West 80th Street.*

Lot No. 1.—About 15 tons scrap iron.

Lot No. 2.—Five lengths of old rubber suction hose, 8-inch and 10-inch.

*At West 75th Street.*

Lot. No. 3.—Raft of old yellow pine and spruce, 30 by 35 by 2; bad condition.

*At West 57th Street.*

Lot No. 4.—Two divers' dresses.

Lot No. 5.—Seventeen pairs rubber boots.

Lot. No. 6.—One diver's helmet and collar.

Lot. No. 7.—About 1,500 pounds old rope.

*At 34th Street, Brooklyn.*

Lot No 8.—About 550 yellow pine pile butts, averaging about 19 feet long.

Lot No. 9.—One 12-inch drain.

## Sale of Old Material.

*At 39th Street, Brooklyn.*

Lot No. 10.—About 1½ tons scrap iron.

*At St. George, Borough of Richmond.*

Lot No. 11.—About 1½ tons old rope.

Lot No. 12.—About 4 tons boiler tubes.

Lot No. 13.—About 3 tons scrap iron.

Lot No. 14.—About 1,000 pounds old rubber hose.

Thursday, November 4, 1909.

*At Wallabout Basin, Brooklyn.*

Lot No. 1.—Raft of pile tops, 10 to 25 feet long. Size of raft, 25 by 28 feet.

Lot No. 2.—Raft of 3-inch by 10-inch yellow pine, 16 courses deep. Size of raft, 25 by 25 feet.

Lot No. 3.—Raft of 12-inch by 12-inch yellow pine, one course deep. Size of raft, 13 by 28 feet.

Lot No. 4.—Raft of 4-inch by 10-inch yellow pine, nine courses deep. Size of raft, 14 by 30 feet, and three pieces 12 by 12, 30 feet long.

Lot No. 5.—Raft of 12 by 12 yellow pine and 4 by 10 yellow pine; also some spruce piles and white pine, 3 feet deep. Size of raft, 24 by 38 feet.

Lot No. 6.—Raft of 3 by 10 yellow pine, 5 courses deep. Size of raft, 22 by 29 feet.

Lot No. 7.—Raft of 12 by 12 yellow pine and 4 by 10 yellow pine; one course of 12 by 12 and five courses of 4 by 10. Size of raft, 18 by 19 feet.

Lot No. 8.—Raft of 3 by 10 yellow pine, six courses deep. Size of raft, 16 by 24 feet.

Lot No. 9.—Raft of 4 by 10 yellow pine, five courses deep. Size of raft, 18 by 20 feet.

Lot No. 10.—Raft of 12 by 12 yellow pine, four courses deep. Size of raft, 21 by 30 feet.

Lot No. 11.—Raft of 4 by 10 yellow pine, three courses deep. Size of raft, 22 by 15 feet.

Lot No. 12.—Raft of seven yellow pine piles, 18 to 22 feet long.

Lot No. 13.—Catamaran II, containing 162 yellow pine pile butts, 22 to 24 feet long.

Lot No. 14.—Catamaran N, containing 70 yellow pine pile butts, 20 to 27 feet long.

Lot No. 15.—Catamaran P, containing 74 oak piles, 30 to 45 feet long; also 38 yellow pine piles, 30 to 40 feet long.

Lot No. 16.—Catamaran Q, containing 20 oak piles, 15 to 25 feet long, and 20 yellow pine piles, 15 to 25 feet long.

Lot No. 17.—Raft of 5 by 10 and 4 by 10 yellow pine, two and one-half courses deep. Size of raft, 18 by 18 feet.

Lot No. 18.—Raft of 4 by 10 yellow pine, two courses deep. Size of raft, 12 by 30 feet.

Lot No. 19.—Raft of 15 mould boards, each 8 by 9 feet.

Lot No. 20.—Raft of 4 by 10 yellow pine, five courses deep. Size of raft, 25 by 28 feet. Catamarans not included in sale.



STATEMENT OF GRANITE, EAST 24TH STREET YARD, JANUARY 1 TO DECEMBER 31, 1909, INCLUSIVE.

Granite.

CLASS	TREASURER'S ORDER OR CONTRACT NUMBER	DATE OF TREASURER'S OR CONTRACT No.	ON HAND JANUARY 1, 1909	RECEIVED DURING THE YEAR	ISSUED TO THE WORKS	BALANCE ON HAND DECEMBER 31, 1909	PRICE PER CUBIC FOOT	AMOUNT
Headers and Stretchers...	Treasurer's Order, No. 16,145	June 15, 1892	32.9			32.9	\$ .64	\$21.05
"	" " 20,392	March 1, 1900	13.5		13.5		1.05	
"	" " 20,676	April 21, 1900	10.5			10.5	1.10	11.55
"	Contract No. .... 679	May 18, 1900	6.0			6.0	.85	5.10
"	" " ..... 717	Oct. 21, 1901	10.7			10.7	.74½	7.97
"	" " ..... 782	Dec. 30, 1903	57.2			57.2	.92½	52.91
"	" " ..... 932	Aug. 3, 1905	140.5				.95	
"	" " ..... 978	March 2, 1906	4,458.9		2,605.3	1,853.6	1.03½	1,918.48
"	" " ..... 1,032	Nov. 2, 1906	7,387.7		3,984.0	3,403.7	.94	3,199.48
"	" No. Class 1....1,126	April 4, 1908	12,947.9		10,282.8	2,665.1	.89	2,371.94
"	" " 2....1,126	April 4, 1908	2,213.2		2,213.2		.99	
Coping.....	" " 2....1,174	Sept. 14, 1909		1,872.75		1,872.75	.95	1,779.11
Headers and Stretchers...	" " 1....1,174	July 28, 1909		7,051.50	2,370.7	4,680.8	1.00	4,680.80
Coping.....	" " 2....1,174		27,279.0	8,924.25	21,610.0	14,593.25		14,048.39

Department Yards.

REPORT OF STOCK ON HAND, PURCHASED AND RECEIVED FROM SECTIONS  
AND ISSUED FROM WEST 57TH STREET YARD, N. R., FOR THE  
YEAR ENDING DECEMBER 31, 1909.

Balance of stock on hand December 31, 1908.....	\$218,624 64
Purchased to December 31, 1909.....	112,722 96
Received from Sections to December 31, 1909.....	5,364 33
	<hr/>
Total to be accounted for.....	\$336,711 93
Issued to the following Sections:	
Floating property.....	\$46,325 20
North River Sections.....	14,809 98
East River Sections.....	16,963 44
General Repairs Account.....	350 20
Dock Superintendent .....	3,914 69
Pier "A," N. R.....	320 45
Surveying party.....	841 86
West 57th Street Yard, N. R.....	4,829 90
Timber Basin, 75th Street, N. R.....	467 80
Municipal Ferries.....	19,885 55
Concrete Block Account.....	18 82
Gowanus Section.....	5,715 52
Balance stock on hand December 31, 1909.....	222,268 52
	<hr/>
	\$336,711 93

STATEMENT OF THE TRANSACTION OF THE TIMBER BASIN DURING THE YEAR 1909.

	SAWED NEW YELLOW PINE Ft. B. M.	SAWED NEW SPRUCE Ft. B. M.	SAWED NEW OAK Ft. B. M.	SAWED NEW OREGON PINE Ft. B. M.	YELLOW PINE PILES	OAK PILES	WHITE PINE ROOFING BOARDS PIECES	WHITE PINE NOVELTY SIDING PIECES	SAWED SPRUCE 2 1/2"x5"x13' PIECES	SAWED SPRUCE 3"x4"x13' PIECES	SAWED SPRUCE 1 1/2"x9"x13' PIECES
On hand Dec. 25, 1908, . . .	3,882,517	534,514	432,440	94,052	9,292	431	4,374	1,590	1,468	959	1,368
Receipts during 1909, . . .	3,196,248										
Contract No. 1139, Class 1, . . .	11,775										
" " 763, " 2, . . .											
" " 1043, " 2, . . .		2,340									
" " 1190, " 2, . . .		225,789									
" " 1190, " 3, . . .					1,504						
" " 1166, . . .						1,032					
" " 1004, Class 4, . . .							908				
Totals, . . .	7,090,540	762,643	432,440	94,052	10,886	1,463	5,282	1,590	1,468	959	1,368

Department Yards.

DELIVERIES DURING THE YEAR 1909 FOR CONSTRUCTION REPAIRS AND MAINTENANCE TO THE	SAWED NEW YELLOW PINE FT. B. M.	SAWED NEW SPRUCE FT. B. M.	SAWED NEW OAK FT. B. M.	SAWED NEW OREGON PINE FT. B. M.	YELLOW PINE PILES	OAK PILES	WHITE PINE ROOFING BOARDS	WHITE PINE NOVELTY SIDING	SAWED SPRUCE 2"x5"x13'	SAWED SPRUCE 3"x4"x13'	SAWED SPRUCE 11"x9"x13'
	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES	PIECES
North River.....	1,349,109	272,995	9,117	6,187	1,429	334	280		741	79	35
East River.....	1,149,875	64,327	5,449		666	250	468		577	257	1,024
Borough "Brooklyn".....	350,262	82,598			3,203	30	1,134	5			
Bureau of Ferries.....	323,571	96,392	62,930		105	30	745	375	150	559	217
Floating Property.....	134,263	31,077	677	2,610			701	251		46	92
General Repairs.....	65,236					36					
Bureau of Docks.....	210	1,901					235	22		18	
Total Deliveries.....	3,372,526	549,290	78,173	8,797	5,403	680	3,563	653	1,468	959	1,368
On hand Dec. 30, 1909.....	3,718,014	213,353	354,267	85,255	5,483	783	1,719	937			
Totals.....	7,090,540	762,643	432,440	94,052	10,886	1,463	5,282	1,590	1,468	959	1,368

## Work Done for Other Departments.

## WORK DONE FOR OTHER DEPARTMENTS.

## DEPARTMENT OF FINANCE.

Department tug employed in service of Paymaster, 746 hours.

## DEPARTMENT OF PUBLIC CHARITIES.

*Pier Foot of 26th Street, E. R.*

Under B. O. 7181 the Department force drove 22 spring piles on north side of pier to facilitate the landing of boats. Begun April 28, 1909, and finished May 14, 1909.

Under B. O. 7007 the Department force made repairs to approach and decking on pier. Begun March 5, 1909, and finished April 13, 1909.

Under B. O. 7405 the Department force made repairs to pier at outshore end. Begun August 7, 1909, and finished October 6, 1909.

Under B. O. 7722 the Department force constructed a small sluiceway outer end of pier. Begun September 21, 1909, and finished October 4, 1909.

*Pier Foot of 53d Street, E. R.*

Under B. O. 7182 the Department force renewed and refastened the fender system outshore end of the pier. Begun April 13, 1909, and finished April 23, 1909.

*Pier Foot of 91st Street, E. R.*

Under E. O. piece of backing log at outer end was cut out for gangway. August 12-13, 1909.

*Blackwell's Island.*

Under B. O. 7280 the Department force made repairs to the Metropolitan Hospital Dock. Begun May 14, 1909, and finished May 26, 1909.

Under B. O. 7404 the Department force constructed a 25-foot extension to the City Hospital Dock. Begun June 3, 1909, and finished June 16, 1909.

Under B. O. the department force made repairs to the decking on the west side of the City Hospital Dock. Cleats were refastened. Begun November 30, 1909, and finished December 1, 1909.

*Randall's Island.*

Under B. O. 7947 the Department force made repairs to the City Hospital Dock. Begun November 29, 1909, and suspended.

Under B. O. 7524 the Department force prepared a berth for floating bath-house on north side of the Island. Begun July 9, 1909, and finished September 30, 1909.

## BELLEVUE AND ALLIED HOSPITALS.

*Pier Foot of Jackson Street, E. R.*

Under B. O. 7753 the Department force made repairs to pier at berth occupied by ferryboat "Westfield." Begun September 18, 1909, and finished November 23, 1909.

## DEPARTMENT OF HEALTH.

*North of 16th Street, E. R.*

Under B. O. 7962 the Department force removed a cleat north of 16th Street and installed a mooring post on bulkhead. Begun December 15, 1909, and finished December 18, 1909.

## Work Done for Other Departments.

*Foot of 116th Street, H. R.*

Under B. O. 7266 sewer was extended by Department force. Begun May 13, 1909, and finished August 10, 1909.

*North Brothers Island.*

Under B. O. 6896 the Department force cut a sluiceway in platform on the southerly side of the Island. Begun December 26, 1908, and finished January 9, 1909.

*West Side of North Brothers Island.*

Under B. O. 7517 the Department force widened the south dock. Begun August 11, 1909, and finished September 1, 1909.

*North Brothers Island.*

Under B. O. 7449 the Department force removed derrick from the east to the west dock. Begun June 11, 1909, and finished June 12, 1909.

## FIRE DEPARTMENT.

*Battery Landing, E. R.*

Under B. O. 7473 the Department force made repairs to landing. Begun June 28, 1909, and finished July 19, 1909.

*Pier 32, E. R.*

Under B. O. 6968 the Department force constructed an extension to the platform on the westerly side of the pier. Begun January 18, 1909, and finished February 1, 1909.

## DEPARTMENT OF CORRECTION.

*Hart's Island, E. R.*

Under B. O. 7236 the Department force repaired float and placed a new float at City Island. Begun April 13, 1909, and finished April 26, 1909.

Under B. O. 7365 the Department force made repairs to dock. Begun May 27, 1909, and finished June 12, 1909.

## POLICE DEPARTMENT.

*Between East 120th and East 121st Streets, H. R.*

Under B. O. 7820 the Department force constructed a passageway. Begun October 27, 1909, and finished November 19, 1909.

Under B. O. 7235 the Department force constructed a passageway and cut a sluiceway. Begun May 1, 1909, and finished May 8, 1909.

*Pier "A," N. R.*

Under B. O. 7649 the launches "B" and "Queens" were directed to report to the commanding officer of the Harbor Precinct for police duty during the Hudson-Fulton celebration.

## Work Done for Other Departments.

## STREET CLEANING DEPARTMENT.

*Wallabout Basin.*

Under B. O. 7879 the Department force moored a floating dump at the Clinton Avenue extension. Begun October 28 and finished November 5, 1909.

## COMMISSIONER OF ACCOUNTS.

Under B. O. 6906 a steam launch, material and two laborers were directed to report to Pier "A," N. R., for the purpose of inspecting sewer outlet near the foot of 49th Street, New York Bay. Begun December 19, 1908, and finished December 19, 1908. Not reported until 1909.

## WORK FOR THE BOROUGH PRESIDENT, MANHATTAN.

*Between Jackson and Corlears Street, E. R.*

Under B. O. 7574 the Department force prepared a berth for a public bath. Begun July 13, 1909, and finished October 11, 1909.

*Pier Foot of 96th Street, E. R.*

Under B. O. 7482 the Department force prepared a berth at the north side of the pier for a public bath. Begun July 20, 1909, and finished October 16, 1909.

*Bath Houses on East and Harlem Rivers.*

Under B. O. 7364 the Department force prepared berths for the placing of public baths at the following locations: South side of Pier New 33, E. R.; north side of East 5th Street Pier, south side of East 112th Street Pier, north side of West 51st Street Pier, one each, and two at the Battery, N. R. Begun June 25, 1909, and finished October 25, 1909.

*Foot of 82d Street, N. R.*

Under B. O. 7572 the Department force prepared a berth for a public bath. Begun July 26, 1909, and finished October 10, 1909.

*Foot of 98th Street, E. R.*

Under B. O. 7573 the Department force prepared a berth for a public bath. Begun July 16, 1909, and finished September 22, 1909.

*218th Street, Harlem River Ship Canal.*

Under B. O. 7593 the Department force prepared a berth for a public bath. Begun July 19, 1909, and finished September 30, 1909.

## HUDSON-FULTON CELEBRATION.

*Miscellaneous.*

B. O. 7649. August 5, 1909.

Direction to send launch "Bronx" to commanding officer, Harbor Precinct, for police duty, Hudson-Fulton celebration, on September 25, 1909. Complied with.

## Work Done for Other Departments.

## RECAPITULATION OF DREDGING DONE FOR OTHER DEPARTMENTS.

LOCATION.	AMOUNT MUD CUBIC YARDS.	CON- TRACT NUMBER.	BEGUN.	FINISHED.
Dump, Canal street, Pier No. 33, D. S. C.....N. R.	6755	1154	Feb. 18, 1909	Feb. 24, 1909
" 47th street, south side, D. S. C.....N. R.	2110	1198	Dec. 1, 1909	Dec. 2, 1909
" 134th street, D. S. C.....N. R.	917	1154	Mar. 13, 1909	Mar. 13, 1909
" Clinton street, D. S. C.....E. R.	1392	1188	Oct. 23, 1909	Oct. 25, 1909
" Stanton street.....E. R.	1439	1168	Oct. 28, 1909	Oct. 29, 1909
" 30th street, D. S. C.....E. R.	8450	1111	Jan. 6, 1909	Jan. 13, 1909
" 46th street, D. S. C.....E. R.	1449	1111	Jan. 15, 1909	Jan. 15, 1909
" 80th street, D. S. C.....E. R.	772	1111	Jan. 5, 1909	Jan. 5, 1909
" 80th street, D. S. C.....E. R.	735	1188	Oct. 26, 1909	Oct. 27, 1909
Dump, 107th street, D. S. C.....H. R.	2785	1111	Dec. 31, 1908	Jan. 4, 1909
" 107th street, D. S. C.....H. R.	2627	1111	June 8, 1909	June 10, 1909
" 139th street, D. S. C.....H. R.	2214	1111	June 21, 1909	June 22, 1909
" Lincoln avenue, D. S. C.....H. R.	1150	1111	Jan. 16, 1909	Jan. 18, 1909
†110th street, Hudson Fulton Memorial.....N. R.	8666	1154	June 22, 1909	.....
†110th street, Hudson Fulton Memorial.....N. R.	665	1154	.....	July 1, 1909

† Hudson Fulton Memorial.

## DRAUGHTING ROOM.

## REPORT OF WORK DONE IN THE DRAUGHTING ROOM FOR THE YEAR ENDING

DECEMBER 31, 1909.

## PLANS, SPECIFICATIONS, ESTIMATES AND STUDIES FOR CONTRACT WORK.

Plans, specifications and forms of contract have been prepared, as follows:

## BOROUGH OF MANHATTAN.

*Pier 53, N. R.:*

Under an E. O., plans, specifications and form of contract for refendering Pier 53 N. R., Chelsea Section, and for building a freight shed thereon and on the adjacent bulkhead, were prepared and forwarded with an estimate of cost. . . . January 25, 1909.

(Contract No. 1156, awarded to McHarg-Barton Co. on March 30, 1909, for \$247,300.)

*Pier 25, E. R.:*

Under an E. O., plans, specifications and form of contract for a new pier, No. 25, E. R., at the foot of Oliver Street, were revised and forwarded. . . . January 29, 1909.

(Contract No. 1147; not yet advertised.)



*West 32d Street, N. R.:*

Under an E. O., an estimate for extending the pier at West 32d Street, N. R., was submitted ..... March 8, 1909.

*West 110th Street, N. R.:*

Under an E. O., plans, specifications and form of contract for building a landing platform with appurtenances, to be used in connection with the Hudson-Fulton celebration, were prepared and forwarded with an estimate of cost... April 24, 1909.

Resubmitted with revised estimate of cost..... May 12, 1909.

(Contract No. 1180, awarded on July 2, 1909, to the Phoenix Construction Co. for \$25,397.)

*Granite Paving, E. and N. R.:*

Under an E. O., plans, specifications and form of contract for laying granite block pavement between Whitehall and Broad Streets, E. R.; between Albany and Liberty Streets N. R.; between West 30th and West 33d Streets N. R., and for laying a crosswalk along the southerly line of West 22d Street, were prepared and forwarded with an estimate of cost..... May 1, 1909.

This contract was resubmitted with a change from granite block to iron slag block on that portion between Whitehall and Broad Streets, E. R., with revised estimate, on ..... May 8, 1909.

(Contract No. 1186, awarded to: Class I, Cunningham & Kearns, \$5,600, on October 23, 1909; Class II, Dunbar Cont. Co., \$27,000, on November 24, 1909; Class III, Dunbar Cont. Co., \$25,500, on November 24, 1909.)

*Granite for Bulkhead Wall:*

Under an E. O., specifications and form of contract for supplying granite for bulkhead wall were revised and forwarded with an estimate of cost..... May 4, 1909.

(Contract No. 1174, awarded to: Class I, Mich. McGrath & Co., \$1,710, on September 14, 1909; Class II, Ryan & Parker, \$7,000, on July 28, 1909.)

*West 95th Street:*

Under an E. O., work was done in preparing plans for building a pier at the foot of West 95th Street, N. R. Due to the fact that access to the pier would be impossible on account of an existing lease, work was suspended and the order was returned ..... June 30, 1909.

*Whitehall Street:*

Under an E. O., plans, specifications and form of contract for office enclosures and an elevator were prepared and forwarded with an estimate of cost.. December 29, 1909.

(Not yet advertised.)

*West 131st Street:*

Under an E. O., plans, specifications and form of contract are now being prepared for a steel shed to be erected on the pier at the foot of West 131st Street and adjacent bulkhead.

(Work is now in progress.)

Draughting Room.

*East 23d Street and Roosevelt Street:*

Under an E. O., plans, specifications and form of contract are being prepared for the reconstruction of the ferry structures at the foot of East 23d Street and Roosevelt Street, with a view of resuming the ferry service to Broadway, Brooklyn.

(Work is now in progress.)

*Pier 6, E. R.:*

Under an E. O., plans, specifications and form of contract are being prepared for repairing Pier 6, E. R.

(Work is now in progress.)

*Chelsea Section:*

Supplementary plans have been made for the sheds and the heating and lighting thereof, and shop drawings to the extent of 433 have been checked and corrected.

BOROUGH OF THE BRONX.

No work done or ordered.

BOROUGH OF BROOKLYN.

*31st Street Pier:*

Under an E. O., plans, specifications and form of contract for a new pier between 31st and 32d Streets, South Brooklyn, to be known as the 31st Street Pier, were prepared and forwarded, with an estimate of cost, on.....February 20, 1909.

This contract was revised and resubmitted on.....April 16, 1909.

(Contract No. 1095, awarded to Harry R. Wheeler on July 13, 1909, for \$174,587.)

*39th Street Ferry:*

Under an E. O., plans, specifications and form of contract for laying a double-track extension to trolley railroad at the South Brooklyn Terminal of the 39th Street Ferry were prepared and forwarded, with an estimate of cost, on March 2, 1909.

(Contract No. 1169, awarded on April 21, 1909, to Arthur T. Prescott for \$6,450.)

*Whale Creek:*

Under an E. O., plans, specifications and form of contract for building the exterior pier at Whale Creek were prepared and forwarded, with an estimate of cost, on .....May 22, 1909.

(Contract No. 1192; not yet advertised.)

*Whale Creek:*

Under an E. O., plans, specifications and form of contract for building a bulkhead wall at Whale Creek were prepared and forwarded, with an estimate of cost, on .....June 4, 1909.

(Contract No. 1027, bids received December 21, 1909. Lowest bidder, McHarg-Barton Co., \$42,134. Not yet awarded.)

*31st Street Pier Shed:*

Under an E. O., plans, specifications and form of contract for building the 31st Street pier shed were prepared and forwarded, with an estimate of cost, on June 29, 1909.

(Contract No. 1196, awarded to Chas. Meads & Co., on October 23, 1909, for \$155,500.)

Shop drawings to the extent of 50 have been checked and corrected.

*33d Street Pier:*

Under an E. O., plans, specifications and form of contract for building a pier at the foot of 33d Street, South Brooklyn, were prepared and forwarded, with an estimate of cost, on.....September 29, 1909.

This contract was revised and resubmitted on.....November 20, 1909.

(Contract No. 1202, bids received on December 13, 1909. Lowest bidder, Harry R. Wheeler, \$236,500. Not yet awarded.)

*30th Street Pier:*

Under an E. O., plans, specifications and form of contract for building a pier near the foot of 30th Street, South Brooklyn, were prepared and forwarded, with an estimate of cost, on.....October 27, 1909.

(Contract No. 1209; not yet advertised.)

*35th Street Pier:*

Under an E. O., plans, specifications and form of contract for a pier near the foot of 35th Street have been prepared and are being held in abeyance, awaiting the further development of the bottom conditions at the site of the proposed work.

*29th Street Pier:*

Under an E. O., work is being done in the preparation of plans, specifications and form of contract for a new pier between 28th and 29th Streets, to be known as the 29th Street Pier.

*39th Street Ferryhouse:*

Under Contract No. 1057, George B. Post & Sons have been engaged in the preparation of plans in conjunction with this office for a terminal ferryhouse at 39th Street. This work is still in progress.

*Broadway:*

Under an E. O., plans, specifications and form of contract are being prepared for the reconstruction of the ferry structures near the foot of Broadway, with a view of resuming the ferry service to East 23d Street and Roosevelt Street, Manhattan. This work is now in progress.

*Gold Street:*

Under an E. O., plans, specifications and form of contract for widening and extending the pier at the foot of Gold Street are being prepared. Work is now in progress.

Draughting Room.

*North 1st Street:*

Under an E. O., studies for a new ferry between North 1st and North 2d Streets were prepared. Work abandoned.

*33d Street Pier Shed:*

Under an E. O., plans are being prepared for a shed on the 33d Street Pier. This work is now in progress.

BOROUGH OF QUEENS.

*Jamaica Avenue:*

Under an E. O., plans, specifications and form of contract for building a new pier at the foot of Jamaica Avenue, Astoria, were prepared and forwarded, with an estimate of cost, on.....January 16 1909.

This contract was revised and resubmitted.....April 28, 1909.

(Contract No. 1181, awarded to Phoenix Construction Co. on July 13, 1909, for \$11,897.)

*Nott Avenue:*

Under an E. O., studies were prepared for building a Department yard in the vicinity of Nott Avenue.

BOROUGH OF RICHMOND.

*St. George:*

Under an E. O., plans, specifications and form of contract for building a steel viaduct at St. George, extending from Jay Street to the ferry platform, were prepared and forwarded, with an estimate of cost, on.....June 29, 1909.

(Contract No. 1197, awarded to the Snare & Triest Co. on October 21, 1909, for \$43,570.)

Shop drawings to the extent of six have been checked and corrected.

*St. George:*

Under an E. O., plans, specifications and form of contract for constructing railings, gates and stairway in the ferryhouse at St. George were prepared and forwarded, with an estimate of cost, on.....December 18, 1909.

(Contract No. 1213; not yet advertised.)

PLANS, SPECIFICATIONS AND ESTIMATES FOR CONSTRUCTION OR REPAIRS  
BY DEPARTMENT LABOR OR UNDER DEPARTMENT ORDERS.

BOROUGH OF MANHATTAN.

*Pier 10, N. R.:*

Under an E. O., plans and estimate of quantities for a toilet house on the roof of the bulkhead shed near Pier 10, N. R., were prepared and forwarded March 25, 1909.

*West 80th Street to West 81st Street:*

Plans were prepared for the construction of a reviewing stand for the Hudson-Fulton celebration and forwarded.....September —, 1909.

*North River:*

Plans for the construction of landing gangways for the various landing floats in connection with the Hudson-Fulton celebration were prepared and forwarded August 4, 1909.

*Whitehall Street:*

Plans for a new stairway in the Staten Island ferryhouse, at the foot of Whitehall Street, were prepared and forwarded.....November —, 1909.

*Pier "A," N. R.:*

Plans for a spring backing for fender piles along the south side of Pier "A" were prepared and forwarded.....December 3, 1909.

*West 22d to West 23d Streets:*

Plans for a tablet to be erected on the electrolier near West 23d Street were prepared and forwarded.

*East 29th Street:*

Studies were made for the bulkhead wall construction at the foot of East 29th Street as proposed to be built for the Bellevue and allied hospitals.

*Chelsea Section:*

Plans for loading signs to be placed in the Chelsea sheds were made and forwarded.

## BOROUGH OF THE BRONX.

No work done or ordered.

## BOROUGH OF BROOKLYN.

*Gowanus Section:*

Plans for the bulkhead wall at the Gowanus Section were prepared and forwarded .....February 19, 1909.

*51st to 52d Streets:*

Plans for a platform to be built for the Commercial Coal Co. between 51st and 52d Streets were prepared and forwarded.....June 5, 1909.

*51st to 52d Streets:*

Plans for boom logs and pile clusters between 51st and 52d Streets were prepared and forwarded .....November 16, 1909.

*39th Street Ferry:*

Plans for a temporary paved approach to 39th Street Ferry were prepared and forwarded .....December 8, 1909.

## BOROUGH OF QUEENS.

No work done or ordered.

**Draughting Room.**

**BOROUGH OF RICHMOND.**

*St. George:*

Plans for a post-office building, to be installed in the ferryhouse at St. George, were prepared and forwarded.....August 30, 1909.

*St. George:*

Plans for a concrete retaining wall at St. George were made and forwarded.

**GENERAL**

*Annual Report:*

The report of work done in draughting room for the year 1908 was prepared and forwarded .....February 16, 1909.

*1910 to 1914:*

An estimate of work for the years 1910 to 1914 was made and forwarded November 22, 1909.

Plans showing standard side and corner fendering for piers were made and forwarded during the year.

**NEW PLANS FOR WATERFRONT IMPROVEMENT AND MAPS FOR  
CHANGES IN LINE.**

**BOROUGH OF MANHATTAN.**

*East 42d to East 52d Streets:*

A new plan extending from the south side of East 42d Street to the north side of East 53d Street was prepared for submission to the Commissioners of the Sinking Fund. It established eleven piers, each 60 feet wide, and a Marginal Street 50 feet in width from the south side of East 42d Street to the north side of East 49th Street.

This plan was forwarded April 7, 1909, and again on April 27, 1909, with revisions. Up to the present time no action has been taken thereon.

*Between Montgomery Street and Gouverneur Slip:*

The amended new plan between Montgomery and Jackson Streets, E. R., adopted by the Commissioner of Docks, March 2, 1908, and approved by the Commissioners of the Sinking Fund, April 14, 1908, and filed as 95 C, was modified by a change of line map between Montgomery Street and Gouverneur Slip. This plan narrowed Pier 39 from 60 feet in width to 50 feet, and Piers 40 and 41 from 70 feet in width to 60 feet, and established lateral platforms 10 feet in width in the slips between Piers 39 and 40 and Piers 40 and 41.

This plan was forwarded on April 19, 1909, and again on April 28, 1909, with some modifications. It was adopted by the Commissioner of Docks on April 29, 1909, and approved by the Commissioners of the Sinking Fund, May 26, 1909, and filed as 93 B-P.

*West 205th to West 215th Streets, H. R.:*

A new plan map, extending from the south side of West 205th Street to the north side of West 215th Street, H. R., establishing eleven piers, one 40 feet in width, eight 60 feet in width, one 100 feet in width and one 120 feet in width, with a Marginal Street 50 feet in width, was prepared, together with a technical description of the same. The plan contemplated the discontinuance of the exterior street as already laid out between West 205th and West 211th Streets, and the discontinuance of the four established basins between West 211th and West 215th Streets. This plan was forwarded.....May 29, 1909.

No action was taken thereon, and a further new plan, as described below, was prepared in place thereof.

*West 201st to West 215th Streets, H. R.:*

A new plan extending from the south side of West 201st Street to the north side of West 215th Street, H. R., establishing a bulkhead line from the south side of West 201st Street to the north side of West 207th Street: and a bulkhead line with eight piers from West 207th to West 215th Streets was prepared. The exterior street from West 201st to West 211th Streets was discontinued thereby, together with the four basins from West 211th to West 215th Streets. This plan was forwarded.....December 8, 1909.

At the request of the Commissioner, this plan was returned by the Sinking Fund Commissioner.....December 23, 1909.

*Cortlandt to Cedar Streets, N. R.:*

An amended new plan to the new plan of 1871 was prepared, establishing an area for waterfront improvements between Cortlandt and Cedar Streets, N. R. This plan was forwarded.....March 12, 1909.

No action has been taken thereon.

*West 137th to West 153d Streets:*

A study for a new plan between West 137th and West 153d Streets, N. R., is now being prepared.

## BOROUGH OF BROOKLYN.

*29th Street Pier:*

The amended new plan between 28th and 36th Streets adopted by the Commissioner of Docks, June 5, 1908, and approved by the Commissioners of the Sinking Fund, June 30, 1908, and filed as 3018 E, was amended so that the 29th Street Pier was widened 20 feet on the south side, becoming 80 feet instead of 60 feet. This plan was forwarded.....January 19, 1909.

Adopted by the Commissioner of Docks, February 17, 1909, approved by the Commissioners of the Sinking Fund, March 16, 1909, and filed as 3018 I.

*North 1st to North 2d Streets:*

A new plan, establishing two piers, 50 feet and 60 feet in width, and an area for waterfront improvements, was prepared between North 1st Street and Metropolitan Avenue. This map was forwarded.....February 4, 1909.

Adopted by the Commissioner of Docks, February 4, 1909, approved by the Commissioners of the Sinking Fund, March 1, 1909, and filed as 3018 H.

**Draughting Room.**

*South 6th to South 9th Streets:*

Various studies for new plans between South 6th and South 9th Streets were made and forwarded.....May 22, June 7 and June 8, 1909.

The plan adopted provides for an area for waterfront improvements from the south side of South 9th Street to the line of City property north of the north line of South 6th Street.

This plan was adopted by the Commissioner of Docks, June 10, 1909, approved by the Commissioners of the Sinking Fund, June 30, 1909, and filed as 3018 J.

*53d to 57th Streets:*

The new plan adopted by the Commissioner of Docks, May 31, 1906, approved by the Commissioners of the Sinking Fund, June 30, 1906, and filed as 3018 C, was modified by a change of bulkhead line between 54th and 55th Streets, the discontinuance of two piers 150 feet in width between 54th and 56th Streets, and the establishing in place thereof two piers, one 60 feet and the other 100 feet in width.

This plan was forwarded December 8, 1909, and as yet no action has been taken thereon.

**BOROUGH OF THE BRONX.**

No plans made or ordered.

**BOROUGH OF QUEENS.**

No plans made or ordered.

**BOROUGH OF RICHMOND.**

No plans made or ordered.

**MAPS FOR THE ACQUISITION OF PROPERTY, LEASE MAPS AND MISCELLANEOUS MAPS.**

*Maps for the Acquisition of Property:*

Maps for the condemnation and acquisition of property along the waterfront for purposes of improvement have been made for the Corporation Counsel and the Commissioners of Condemnation and for general Department use, as follows:

**BOROUGH OF MANHATTAN.**

Damage maps for property to be acquired between West 22d and West 23d Streets were forwarded.....April 10, 1909.

Damage maps for property to be acquired between Catharine Street and Market Slip were forwarded.....June 12 and July 7, 1909.

Damage maps for property to be acquired between West 18th and West 19th Streets were forwarded.....December 17, 1909.

Damage maps for property to be acquired between West 19th and West 20th Streets were forwarded.....December 17, 1909.

**BOROUGH OF BROOKLYN.**

Damage maps for property to be acquired at the 39th Street Ferry Terminal were forwarded.....May 24 and June 18, 1909.



## Draughting Room.

Preliminary rule maps for property to be acquired between South 6th and South 9th Streets were forwarded.....June 10, 1909.  
 Preliminary rule maps for property to be acquired between Broadway and South 6th Street were forwarded.....July 15, July 30 and August 18, 1909.

*Lease Maps:*

Maps showing property to be leased to the Commercial Coal Co. between 51st and 52d Streets, Brooklyn, were forwarded.....January 14, 1909.  
 Maps showing property to be leased to the Union Sulphur Co. on the Erie Basin breakwater were forwarded.....March 29, 1909.  
 Maps showing land under water to be leased to the N. Y., N. H. & Hart. R.R. Co. in the vicinity of Piers Nos. 39, 40 and 41 were forwarded.....July 27, 1909.  
 Maps showing property to be leased to the Pennsylvania R.R. Co. in the vicinity of Cortlandt Street, N. R., were forwarded.....October 5, 1909.  
 Maps showing property to be leased to the Central R.R. of N. J. between West 22d and West 23d Streets were forwarded.....October 18, 1909.  
 Maps showing property to be leased to the New York & East River Ferry Co. between East 91st and East 92d Streets, E. R., were forwarded..November 30, 1909.  
 Maps showing property to be leased to the New York & East River Ferry Co. at the foot of Fulton Street, Astoria, Borough of Queens, were forwarded..November 30, 1909.

*Miscellaneous and Special Maps:*

Maps showing bridge property at the foot of Delancey Street, E. R., were forwarded.....January 12, 1909.  
 Maps showing railroad tracks, viaduct, walls and established lines at the St. George Ferry Terminal were forwarded.....January 19, 1909.  
 Maps showing property to be turned over to the Commissioners of the Sinking Fund between 28th and 36th Streets, Brooklyn, were forwarded..February 9, 1909.  
 Maps showing the pierhead and bulkhead lines of 1871 and 1890 between Jackson Street and Corlears Hook were forwarded.....February 11, 1909.  
 Maps showing the approach to the various ferries at and near the foot of Whitehall Street with a view of rearranging the tracks at this location were forwarded.....February 25, 1909.  
 Maps showing City property at East 7th and East 8th Streets, E. R., were forwarded.....March 2, 1909.  
 Copy of Ewen's map of 1849, in vicinity of Grand Street, was forwarded  
 March 24, 1909.

Maps showing the various floats and scows to be used for landing purposes in connection with the Hudson-Fulton celebration were forwarded..September 24, 1909.  
 Maps showing the improvements of recent years in the East River, North River and in South Brooklyn for use of a visiting committee from Boston were forwarded.....September 1, 1909.  
 A map of the Wallabout land, showing the jurisdiction of the various City Departments, was made and forwarded.....November 3, 1909.  
 In addition to the foregoing, a number of miscellaneous maps have been made during the year, showing City and private ownerships at various localities throughout the City, together with studies and sketches of proposed plans and improvements, for the use of this Department and other Departments, comprising altogether about.....323 maps

Draughting Room.

A SUMMARY OF ALL OF THE PRECEDING WORK IS AS FOLLOWS:

*Borough of Manhattan:*

Plans for construction work.....	55
Special maps.....	221
Sun prints.....	4,625

*Borough of The Bronx:*

Plans for construction work.....	0
Special maps.....	0
Sun prints.....	66

*Borough of Brooklyn:*

Plans for construction work.....	49
Special maps.....	95
Sun prints.....	1,175

*Borough of Queens:*

Plans for construction work.....	2
Special maps.....	5
Sun prints.....	161

*Borough of Richmond:*

Plans for construction work.....	14
Special maps.....	2
Sun prints.....	135

TOTAL FOR ALL BOROUGHS FOR 1909.

Plans for construction work.....	120
Special maps.....	323
Sun prints.....	6,162

ROUTINE WORK.

The routine work of the office comprises plans, studies, estimates, specifications and forms of contract for all kinds of construction work within the scope of the Department.

Special and miscellaneous examinations, investigations and reports.

Special and miscellaneous studies and estimates.

Calculations for establishing the pierhead and bulkhead lines pertaining to the waterfront of Greater New York.

Plotting test piles and borings for permanent record.

Making photographs of work under construction for report and for record.

Filing and indexing maps and plans connected with the work of the Department or the work of supervision in reference to structures erected under permit by private parties.

Examinations and reports on all plans accompanying application for permits by private parties.

Blue printing and plans constantly required.

EXAMINATION OF PLANS SUBMITTED BY PRIVATE PARTIES WITH  
APPLICATIONS FOR PERMITS.

Plans accompanying applications for permits have been submitted for the approval of the Department from time to time. These plans require a careful examination, and in most cases a technical analyses as to strength and construction, in order to meet the requirements of the Building Code and the special requirements of the Department of Docks and Ferries. The structures covered by these plans include platforms, piers, crib bulkheads, bulkheads and special construction other than crib bulkheads, dumping boards, ferry structures, warehouses, freight sheds, boathouses, coal pockets, coal-hoisting towers, etc., etc. The plans examined during the year under this heading are as follows:

BOROUGH OF MANHATTAN.

*Duane Street, N. R.:*

Sewer outlet and overflow sewer for the Public Service Commission. Plans approved and reported.....January 2, 1909.

*East 91st Street:*

Waiting room for the Department of Public Charities. Plans disapproved and reported .....January 19, 1909.  
Plans approved by Commissioner.....February 4, 1909.

*South Side of East 52d Street:*

Ice-run for the American Ice Co. Plans approved as amended and reported January 12, 1909.

*Between Montgomery Street and Gouverneur Slip, E. R.:*

Three wooden pile piers for the N. Y., N. H. & H. R.R. Co. Plans approved and reported .....January 12, 1909.

*North Side of East 134th Street, H. R.:*

Ice bridge, scales and tally house for the Foster-Scott Ice Co. Plans approved and reported .....January 19, 1909.

*South Side of West 134th Street:*

Brick stable for Burns Bros. Plans approved and reported.....January 29, 1909.

*South Side of West 158th Street Pier:*

Dumping board for the Department of Street Cleaning. Plans approved as amended and reported.....February 5, 1909.

*South Side of West 134th Street Pier:*

Dumping board for the Department of Street Cleaning. Plans approved as amended and reported.....January 30, 1909.

Draughting Room.

*Pier 10, N. R.:*

Oil house and sawdust bin for the Central R.R. Co. of N. J. Plans approved and reported ..... February 5, 1909.

*Foot of West 140th Street, N. R.:*

Temporary sheet-iron house for Frederick R. Welch. Plans approved as amended and reported..... February 17, 1909.

*Pier 67, N. R.:*

Enclosing platform above first deck for the Panama R.R. Co. Plans approved as amended and reported..... February 19, 1909.

*Pier 18, E. R.:*

Alterations of building for boiler room for the Independent Fish Dealers' Association. Plans approved as amended and reported..... February 24, 1909.

*West 167th Street, N. R.:*

Veranda extension for the Knickerbocker Canoe Club. Plans approved as amended and reported ..... March 17, 1909.

*Foot of West 147th Street, N. R.:*

Constructing clubhouse for the N. Y. Motor Boat Club. Plans approved as amended and reported..... April 13, 1909.

*Pier Old 50, E. R.:*

Temporary dock office for the N. Y., N. H. & H. R.R. Co. Plans approved and reported ..... April 26, 1909.

*Foot of East 124th Street, H. R.:*

Timber crib bulkhead and steel shed for the Lehigh Valley R.R. Co. Plans approved as amended and reported..... April 30, 1909.

*West 32d Street, N. R.:*

Reconstruction of pier for the Pennsylvania Tunnel and Terminal R.R. Co. Plans approved as amended and reported..... April 16, 1909.

*Between 25th and 26th Streets, E. R.:*

Addition to office building for Candee, Smith & Howland Co. Plans approved and reported ..... April 30, 1909.

*West 35th Street Pier, N. R.:*

Coal bin and hoisting rig for the Patten S. S. Co. Plans approved and reported May 1, 1909.

*West 35th Street Pier, N. R.:*

Office and storage shed for the Patten S. S. Co. Plans approved as amended and reported ..... May 5, 1909.

*West 130th Street, N. R.:*

Ferry slip for the Riverside and Fort Lee Ferry Co. Plans approved, calling attention to the interference with the West 129th Street pier, and reported May 11, 1909.

*Between 39th and 40th Streets, E. R.:*

Skip hoist house for the N. Y. Edison Co. Plans approved and reported May 1, 1909.

*East 63d Street, E. R.:*

Ice-run and derrick for the Marina Coal Co. Plans approved and reported May 4, 1909.

*North Side of East 112th Street Pier, H. R.:*

Fender rack for the N. Y., N. H. & H. R.R. Co. Plans approved as amended and reported .....May 11, 1909.

*West 132d Street, N. R.:*

Reconstruction of pier for the Pennsylvania Tunnel and Terminal R.R. Co. Plans approved as amended and reported.....May 19, 1909.

*Pier 31, N. R.:*

Alterations to pier shed and bulkhead shed for the N. Y. C. & H. R. R.R. Co. Plans approved as amended and reported.....May 26, 1909.

*West 147th Street, N. R.:*

Small crib and lockers for the N. Y. Motor Boat Club. Plans approved and reported .....May 27, 1909.

*South Side of West 141st Street, N. R.:*

Additions to veranda for the Colonial Yacht Club. Plans approved as amended and reported .....May 29, 1909.

*North of East 89th Street, E. R.:*

Portable house for the U. S. Volunteer Life Saving Corps. Plans approved and reported .....June 1, 1909.

*West 141st Street, N. R.:*

Extension to boat house for the Home Boat Club. Plans approved and reported June 2, 1909.

*South Side West 79th Street Pier:*

Dumping board and ramp for the N. Y. Contracting & Trucking Co. Plans approved and reported.....June 3, 1909.

Draughting Room.

*East 39th Street, E. R.:*

Alterations to pier and bascule bridge for the N. Y. Edison Co. Plans approved as amended and reported.....June 11, 1909.

*East Street, Between Cherry and Water Streets, E. R.:*

Dock and coal pocket for B. Koronsky. Plans approved as amended and reported.....June 17, 1909.

*North Side of Pier 18, E. R.:*

Ice bridge, derricks and ice house for the American Ice Co. Plans approved and reported.....July 1, 1909.

*Between Barrow and Morton Streets, N. R.:*

Steel coal pocket for Wm. Farrell & Son. Plans approved as amended and reported.....June 25, 1909.

*South of Pier "A," N. R.:*

Additional storage for storehouse for the Fire Department. Plans approved and reported.....July 22, 1909.

*Pier 31, N. R.:*

Revised plans for alterations to pier shed for N. Y. Central & Hudson River T. T. Co. Plans approved and reported.....August 10, 1909.

*South of West 131st Street, N. R.:*

Extension to office building for the Webber-McLaughlin Co. Plans approved and reported.....August 5, 1909.

*North of West 141st Street, N. R.:*

Lockers for the Home Boat Club. Plans approved as amended and reported August 14, 1909.

*Pier 38, E. R.:*

Oil house for the N. Y., N. H. & Hart. R.R. Co. Plans approved and reported August 23, 1909.

*Approach to Pier 81, N. R.:*

Frame shed for E. E. Olcott. Plans approved as amended and reported August 23, 1909.

*Between 39th and 40th Streets, E. R.:*

Ash-track subway for the N. Y. Edison Co. Plans approved as amended and reported.....September 7, 1909.

*Between Liberty and Cortlandt Streets, N. R.:*

Ferry platforms, racks, etc., for the Penn. R.R. Co. Plans approved as amended and reported.....September 9, 1909.

*Between West 140th and West 141st Streets, N. R.:*

Lockers and temporary reviewing stand for the Colonial Yacht Club. Plans approved as amended and reported.....September 10, 1909.

*Between Piers 21 and 22, N. R.*

Shed for the Erie R.R. Co. Plans approved with certain recommendations and reported.....September 11, 1909.

*Between Montgomery Street and Gouverneur Slip, E. R.:*

Revised plan for a bulkhead line and three piers for the N. Y., N. H. & Hart. R.R. Co. Plans approved as amended and reported.....September 20, 1909.

*North of Pier 25, N. R.:*

Bulkhead shed extension for the Old Dominion S.S. Co. Plans approved as amended and reported.....September 16, 1909.

*Between West 78th and 79th Streets, N. R.:*

Reviewing stand for Geo. A. McDermott. Plans approved and reported September 18, 1909.

*Foot of Little West 165th Street, N. R.:*

Reviewing stand for John Dalton. Plans approved and reported September 16, 1909.

*Pier 48, N. R.:*

Reviewing stand on outer end end for the White Star Line. Plans approved and reported.....September 23, 1909.

*Between Piers 21 and 22, N. R..*

Awning shelter for the Erie R.R. Co. Plans approved as amended and reported September 28, 1909.

*Between Piers 67 and 68, N. R.:*

Pile platform and bulkhead building for the Del., Lack. & Western R.R. Co. Plans approved as amended and reported.....October 8, 1909.

*Pier 42, N. R.:*

Double deck steel shed for the Royal Mail Steam Packet Co. Plans approved and reported.....October 19, 1909.

*Between Barrow and Morton Streets, N. R.:*

Revised plans for a steel coal pocket and hoist for Wm. Farrell & Son. Plans approved and reported.....October 28, 1909.

*Piers 39 and 40, E. R.:*

Steel pier and bulkhead shed for the N. Y., N. H. & Hart. R.R. Co. Plans approved and reported.....October 29, 1909.

Draughting Room.

*East 118th Street, H. R.:*

Sewer repairs and extension for the Bureau of Sewers. Plans approved and reported.....November 1, 1909.

*Between 79th and 80th Streets, N. R.:*

Coal pocket for Thomas Ward. Plans approved as amended and reported November 13, 1909.

*South Side West 48th Street:*

Steel tank and supports for the D. Greime Coal Co. Plans approved as amended and reported.....November 16, 1909.

*Foot of Chambers Street, N. R.:*

Boiler house for the Erie R.R. Co. Plans approved and reported November 18, 1909.

*North Side East 91st Street, E. R.:*

Frame shed for the American Ice Co. Plans approved and reported November 18, 1909.

*North Side of West 206th Street, H. R.:*

Pile platform for Alexander Walker. Plans approved as amended and reported November 24, 1909.

*West 40th Street, N. R.:*

Shed column foundations for the Cent. R.R. Co. of N. J. Plans approved as amended and reported.....December 2, 1909.

*Between East 41st and East 42d Streets, E. R.:*

Converting ferryhouse into a garage for the N. Y. Edison Co. Plans approved and reported.....December 10, 1909.

*Foot of 96th Street, N. R.:*

Extension to dumping board for the N. Y. Contracting and Trucking Co. Plans approved and reported.....December 13, 1909.

*Pier 36, N. R.:*

Gangway and boiler-house partition for the Clyde S. S. Co. Plans approved and reported .....December 16, 1909.

*Foot of West 97th Street, N. R.:*

Dumping board for the Department of Street Cleaning. Plans approved as amended and reported.....December 16, 1909.

*Between Pier New 1 and Pier Old 1, N. R.:*

Coal pocket for the Mead Transfer Co. Plans approved as amended and reported .....December 21, 1909.



*Near the Foot of West 147th Street, N. R.:*

Lockers and board fence for the N. Y. Motor Boat Club. Plans disapproved and reported .....December 23, 1909.

*East 33d Street, E. R.:*

Dumping board and ramp for Henry Steers, Inc. Plans approved as amended and reported .....December 30, 1909.

## BOROUGH OF THE BRONX.

*City Island Avenue, City Island:*

Moving and raising building and reconstructing platform for John E. Kelly. Plans approved as amended and reported.....January 12, 1909.

*Between 3d and 4th Streets, West Side Westchester Creek, Unionport:*

Pile platform for Geo. J. Kuhn. Plans approved and reported....January 26, 1909.

*Southwest Corner Minnieford Avenue and Terrace Place, City Island:*

Wooden runway for Joseph C. Dixon. Plans approved and reported February 25, 1909.

*Between East 167th Street and Depot Place:*

Sheet-pile bulkhead and filling for the Estate of Wm. B. Ogden. Plans approved and reported.....March 4, 1909.

*West Side Westchester Creek, North of Bowne Street:*

Pile platform for E. S. Prince Co. Plans approved as amended and reported March 18, 1909.

*North of East 150th Street, H. R.:*

Frame shed for Rafferty Bros. Plans approved and reported.....March 20, 1909.

*South Side of Garrison Avenue, Bronx River:*

Pile platform for Gleason & Egan. Plans approved as amended and reported March 29, 1909.

*East 151st Street, H. R.:*

Temporary frame stable for Rafferty Bros. Plans approved as amended and reported .....April 16, 1909.

*North of Fordham Road, H. R.:*

Frame station house for the U. S. Volunteer Life Saving Corps. Plans approved and reported.....April 20, 1909.

*City Island Avenue, City Island:*

Runway for Louisa A. Pell. Plans approved as amended and reported April 26, 1909.

**Draughting Room.***Bowne Street, City Island:*

Temporary runway for Rose F. Gerstle. Plans approved and reported May 11, 1909.

*Westchester Creek, North of Tremont Avenue:*

Timber coal pocket, hoisting tower, trestle, etc., for Thomas R. Thorn. Plans approved as amended and reported.....June 4, 1909.

*South of Layton Avenue, Throgg's Neck:*

Portable boathouse for the White Cross Fishing Club. Plans approved as amended and reported.....June 14, 1909.

*East of East 149th Street, H. R.:*

Steel crane and foundation for the Pioneer Real Estate Co. Plans approved and reported .....July 14, 1909.

*North of Tremont Avenue, Westchester Creek:*

Amendment to foundation plain of coal pocket for Thomas R. Thorn. Plans approved and reported.....July 6, 1909.

*North of East 150th Street, H. R.:*

Wooden coal pocket and trestle for Herbert G. Streat. Plans approved as amended and reported .....August 5, 1909.

*South of East 177th Street, H. R.:*

Bulkhead wall and pile pier for the Bronx Coal Co. Plans approved and reported .....September 7, 1909.

*South of 174th Street, Bronx River:*

Platform bulkhead for John C. Heintz and J. Sigel. Plans approved as amended and reported.....October 8, 1909.

*South of New Dock Road, Pelham Bay:*

Clubhouse for the Klondike Boat Club. Plans approved as amended and reported .....October 20, 1909.

*North of Cross Street, City Island:*

Alterations and additions to hotel for Henry Henneke. Substructure examined and approved and reported.....October 20, 1909.

*Between Commerce and West 171st Streets, H. R.:*

Sheet-pile bulkhead for the Ogden Estate Co. Plans approved and reported October 22, 1909.

*North of East 150th Street, H. R.:*

Extension to present coal pocket for the Cramer-Meyer Co. Plans approved as amended and reported.....October 22, 1909.

*South of 177th Street, H. R.:*

Coal pocket and trestle for the Bronx Coal Co. Plans approved and reported October 22, 1909.

*Classon's Point:*

Pile platform and extension to casino for Clinton Stephens. Plans approved and reported .....November 24, 1909.

*Westchester Creek, South of West Farms Road:*

Hopper and derrick for Thomas B. Watson. Plans approved and reported December 8, 1909.

*Westchester Creek, North of Tremont Avenue:*

Modification in hoisting tower for Thomas R. Thorn. Plans approved and reported .....December 23, 1909.

*Mott Haven Canal, North of East 135th Street:*

Timber coal pocket for Harry W. Bell. Plans approved as amended and reported December 23, 1909.

*South of West 171st Street, H. R.:*

Pile platform for the Ogden Estate Co. Plans approved and reported December 31, 1909.

## BOROUGH OF BROOKLYN.

*Foot of Noble Street:*

Waiting-room for Department of Public Charities. Plans reported with recommendation to deny permit.....January 19, 1909.  
Plans approved by Commissioner.....February 4, 1909.

*North 1st Street:*

Pier and steel shed for the N. Y., N. H. & Hart. R.R. Co. Plans approved as amended and reported.....January 7, 1909.

*Huntington Street, Gowanus Canal:*

One-story frame shed for N. Ryan Co. Plans approved as amended and reported January 12, 1909.

*East of Vandervoort Avenue, Newtown Creek:*

Frame grinding building for the American Electrical Novelty Co. Plans approved as amended and reported.....January 2, 1909.

*North of Sackett Street, Gowanus Canal:*

Wooden coal pocket for the Mouquin-Offerman-Wells Coal Co. Plans approved as amended and reported.....January 26, 1909.

**Draughting Room.***Huntington Street, Gowanus Canal:*

One-story frame shed for N. Ryan Co. Plans approved as amended and reported January 21, 1909.

*6th Street Basin, Gowanus Canal:*

Extension to dumping board for the Brooklyn Improvement Co. Plans approved and reported.....February 10, 1909.

*Erie Breakwater:*

Reinforced concrete sulphur house for the Union Sulphur Co. Plans approved and reported.....February 19, 1909.

*North of Union Street, Gowanus Canal:*

Frame shed for J. F. Schmadeke. Plans approved as amended and reported February 19, 1909.

*North Side of 7th Street Basin, Gowanus Canal:*

Covered dump board and approach for the Borough Development Co. Plans approved as amended and reported.....February 23, 1909.

*27th Street Slip:*

Covered dumping board and approach for the Borough Development Co. Plans approved as amended and reported.....February 24, 1909.

*Between Dwight and Otsego Streets, Erie Basin:*

Compressor house and switch and transformer houses for the John N. Robbins Co. Plans approved and reported.....February 25, 1909.

*Erie Basin Breakwater:*

Steel retort shed for the Union Sulphur Co. Plans approved and reported March 19, 1909.

*Huntington Street, Gowanus Canal:*

Frame shed for the N. Ryan Co. Plans approved as amended and reported March 4, 1909.

*24th Avenue:*

Sheet pile bulkhead for Cropsey & Mitchel. Plans approved as amended and reported.....March 5, 1909.

*Between 59th and 60th Streets:*

Extension to building and veranda for the Excelsior Yacht Club. Plans approved and reported.....March 17, 1909.

*Between Smith and 9th Streets, Gowanus Canal:*

Coal-storage bin and railway for the Coney Island & Brooklyn R.R. Co. Plans approved as amended and reported.....March 29, 1909.

*Erie Basin Breakwater:*

Two structural steel and brick buildings for the Union Sulphur Co. Plans approved and reported.....March 30, 1909.

*Whale Creek and Freeman Streets:*

Repairing crib bulkhead and sheet pile return for Annie T. McGarry. Plans approved and reported.....March 29, 1909.

*22d Avenue:*

Walk and landing platform for the Brooklyn Yacht Club Realty Co. Plans approved as amended and reported.....March 29, 1909.

*Between Gold Street and Hudson Avenue:*

Constructing bulkhead, widening pier adjacent to Hudson Avenue and filling for the National Lead Co. Application returned.....August 6, 1909.

*Newtown Creek, West of Gardner Avenue:*

Rebuilding pier and platform for the Chapman Dock Co. Plans approved and reported.....April 20, 1909.

*13th Street, Gowanus Canal:*

Hoisting rig for the Brooklyn Alcatraz Asphalt Co. Plans approved as amended and reported.....May 3, 1909.

*Between South 1st and South 2d Streets:*

Alterations and additions to building for the American Sugar Refining Co. Plans approved and reported.....May 12, 1909.

*Between West 29th and West 33d Streets:*

Sheet pile bulkhead for the Summerville Realty Co. Plans approved as amended and reported.....May 24, 1909.

*South of 22d Avenue:*

Small dock and walkway for the Brooklyn Yacht Club. Plans approved as amended and reported.....May 26, 1909.

*East of Bond Street, Gowanus Canal:*

Extension to boiler house for the Leonhard Michel Brewing Co. Plans approved as amended and reported.....June 3, 1909.

*Newtown Creek, from Bennett Street to Maspeth Avenue:*

Pile platform and sheet pile bulkhead for Edith Bryce. Plans approved as amended in accordance with direction of Commissioner and reported..June 5, 1909.

*6th Street, Gowanus Canal:*

Ash-receiving shed for the Borough Development Co. Plans approved as amended and reported.....June 9, 1909.

*Newtown Creek, Between Apollo and Pollock Streets:*

Shed for picking rubbish for the Borough Development Co. Plans approved and reported.....June 17, 1909.

*27th Street Slip:*

Shed for picking rubbish for the Borough Development Co. Plans approved as amended and reported.....June 17, 1909.

Draughting Room.

*Stagg Street, English Kills:*

Coal-hoisting tower, screening pocket and trestlework for Mary S. Baker. Plans approved and reported.....July 14, 1909.

*Between Hudson Avenue and Gold Street:*

Pier extension and shed for the National Lead Co. Plans approved and reported July 8, 1909.

*Rockaway Avenue, Canarsie:*

Two-story frame hotel for Lawrence Messenger. Plans approved as amended and reported.....July 9, 1909.

*Rockaway Avenue, Canarsie:*

One-story frame shed for Lawrence Messenger. Plans approved as amended and reported .....July 25, 1909.

*51st Street:*

Erection of two float bridges for the Bush Terminal Co. Plans approved and reported .....July 22, 1909.

*Crescent Street, West of Spring Creek:*

Two-story frame building for David Citron. Plans approved and reported August 5, 1909.

*Erie Basin, between Otsego and Dwight Streets:*

Alterations to pumping station for the John N. Robbins Co. Plans approved and reported .....August 5, 1909.

*Between Hudson Avenue and Gold Street:*

Pile platform for the National Lead Co. Plans approved and reported August 5, 1909.

*Gravesend Bay, between West 23d and West 28th Streets:*

Sheet-pile bulkhead and filling for the Harway Improvement Co. Plans approved and reported by the Deputy Chief Engineer.....August 6, 1909.

*East 92d Street, Canarsie:*

Frame shed for Adam J. Stahl. Plans approved and reported.....August 23, 1909.

*Between North 9th and North 10th Streets:*

Steel transfer bridge for Havemeyer & Elder. Plans approved and reported August 24, 1909.

*Between Bay 19th Street and 19th Avenue:*

Pier and boardwalk for Frank H. Slocum. Plans approved as amended and reported .....August 31, 1909.

*Coney Island, between West 35th and West 37th Streets:*

Sheet-pile bulkhead for Edward L. Summerville. Plans approved as amended and reported .....September 7, 1909.

*Wallabout Basin, Clinton Avenue Extension:*

Ramp and dumping board for the Department of Street Cleaning. Plans approved as amended and reported.....September 24, 1909.

*Adams Street:*

Rebuilding coal pocket for the Philadelphia and Reading Coal and Iron Co. Plans approved as amended and reported.....September 24, 1909.

*Between South 2d and South 3d Streets:*

Steel trestles for the American Sugar Refining Co. Plans approved as amended and reported.....September 28, 1909.

*Gowanus Canal, 4th Street Basin:*

Coal hopper and pocket for the Brooklyn Improvement Co. Plans approved as amended and reported.....October 9, 1909.

*North of Montague Street:*

Additions to present pier and new pier for the N. Y. Dock Co. Plans approved and reported.....October 16, 1909.

*Coney Island, West 5th Street:*

Repairs and additions to pier for the Brighton Pier and Navigation Co. Plans approved as amended and reported.....October 22, 1909.

*Coney Island Creek, West 18th Street:*

Sheet-pile bulkhead for Joseph Catanzaro. Plans approved and reported October 30, 1909.

*Between Gold Street and Hudson Avenue:*

Steel coal tower and bridge for the National Lead Co. Plans approved as amended and reported.....November 4, 1909.

*Adams Street:*

Pile foundation for coal pocket for the Philadelphia and Reading Coal and Iron Co. Plans approved as amended and reported.....November 5, 1909.

*North of 52d Street Pier:*

Coal pocket on the pile platform for the Commercial Coal Co. Plans approved as amended and reported.....November 11, 1909.

*Between Gold Street and Hudson Avenue:*

Barrel conveyor for the National Lead Co. Plans approved as amended and reported.....November 11, 1909.

*Between 54th and 55th Streets:*

Crib bulkhead for the Kings Co. Lighting Co. Report held in abeyance awaiting the adoption of an amended new plan at this locality.

*Newtown Creek, North of Metropolitan Avenue:*

Sheet-pile bulkhead for Ezra B. Tuttle. Plans approved as amended and reported.....November 27, 1909.

*Gowanus Canal, North of Bond Street:*

Dumping board and approach for the Leonhard Michel Brewing Co. Plans approved as amended and reported.....December 2, 1909.

*Between 54th and 55th Streets:*

Change in bulkhead line for the Kings Co. Lighting Co. Not reported on. See letter to Chief Engineer.....December 9, 1909.

**Draughting Room.***Gowanus Canal, 4th Street Basin:*

Track for traveling crane for the Brooklyn Improvement Co. Plans approved and reported .....December 23, 1909.

*Bragg Street, Sheepshead Bay:*

Sheet-pile bulkhead for C. J. Fitzgerald. Plans approved and reported December 23, 1909.

## BOROUGH OF QUEENS.

*Dutchkill Canal, North of Hunters Point Avenue:*

One-story freight shed for the Degnon Contracting Co. Plans approved and reported .....January 2, 1909.

*Far Rockaway, Foot of Dickerson Avenue:*

Wooden pile jetty for the Bannister Realty Co. Reported to refer applicant to War Department, and application was returned to Chief Engineer February 23, 1909.

*Far Rockaway, Rue De St. Felix:*

Wooden pile jetty for the Bannister Realty Co. Reported to refer applicant to War Department, and application was returned to Chief Engineer February 23, 1909.

*Rockaway Beach, Foot of Kane Avenue:*

Sheet-pile bulkhead for the Estate of Florian Rohe. Plans approved as amended and reported.....April 1, 1909.

*College Point, 1st Street and 1st Avenue:*

Repairing crib bulkhead and building runway for Mrs. E. Zehden. Plans approved as amended and reported.....April 23, 1909.

*Arverne, Lucia Avenue:*

Jetty for Abraham Stein. Plans approved and reported.....April 28, 1909.

*Arverne, Between Grand and Kate Avenues:*

Sheet-pile bulkhead for the Summerville Realty Co. Plans approved as amended and reported.....May 3, 1909.

*Newtown Creek, West of Front Street:*

Crib bulkhead for the Long Island R.R. Co. Plans approved and reported May 11, 1909.

*Dutch Kills Creek, South of Borden Avenue:*

Fender racks for piers for the Long Island R.R. Co. Plans approved and reported.....May 24, 1909.

*Bowery Bay and Cowenhoven Street:*

Close-pile bulkhead for the Astoria Veneer Mills. Plans approved as amended and reported.....June 1, 1909.

*Flushing Bay, South Side Victoria Place:*

Boathouse for the Flushing Boat Club. Substructure plans approved as amended and reported.....June 4, 1909.

Applicant was referred to the Building Department for the approval of the superstructure.



*College Point, East of 5th Street:*

Crib bulkhead for the American Hard Rubber Co. Plans approved as amended and reported.....June 18, 1909.

*Flushing Creek:*

One-story frame shed for the Borough Development Co. Plans approved as amended and reported.....July 22, 1909.

*College Point, Between 5th and 6th Streets:*

Crib and sheet-pile bulkhead for the American Hard Rubber Co. Plans approved and reported.....August 5, 1909.

*Whitestone, East of 16th Avenue:*

Pier on cribs for Northrup Fowler. Plans approved as amended and reported August 18, 1909.

*Edgemere, Foot of Neptune Avenue:*

Pile jetty for the Sprayview Realty Co. Plans approved and reported August 15, 1909.

*College Point, South of Tallman's Island:*

Pile platform for Wm. Doyle. Plans approved as amended and reported November 26, 1909.

*Jamaica Bay, Union Street:*

Sheet-pile bulkhead for Henry Eppig. Plans approved as amended and reported December 3, 1909.

## BOROUGH OF RICHMOND.

*Houseman Avenue, Richmond Terrace:*

Crib bulkhead for the Standard Varnish Works. Plans approved as amended and reported.....January 12, 1909.

*West New Brighton:*

Wooden walkway for Clara C. Edwards. Plans approved and reported March 2, 1909.

*Mouth of Lawrence Creek:*

Pile platform, mooring rack, repairs to present dock and dredging for Wm. J. Rankin. Plans approved as amended and reported.....April 27, 1909.

*Tottenville, Between Beach and Central Avenues:*

Pile runway for Jacob F. Oberle. Plans approved and reported....April 26, 1909.

*Tottenville, Richmond Valley Road:*

Pile platform and bulkhead for the Southern Ship Building Co. Plans approved as amended and reported.....May 21, 1909.

*Between Guyon and Wiman Avenues:*

Crib and pier for J. Wheeler Glover. Plans withdrawn. Application returned June 11, 1909.

*Stapleton, Foot of Canal Street:*

Construction of sewer for Borough President. Plans approved and reported July 26, 1909.

Draughting Room.

*Rosebank, Foot of Ives Place:*

Walk and landing platform for Elizabeth R. Jenkins. Plans approved as amended and reported.....September 7, 1909.

*Stapleton, Foot of Canal Street:*

Frame shed for Rodgers & Haggerty. Plans approved as amended and reported October 1, 1909.

*Rosebank, Foot of Ives Place:*

Bungalow on pile platform for Elizabeth R. Jenkins. Plans approved and reported.....October 8, 1909.

*Stapleton, Between Front and Canal Streets:*

Sheet-pile bulkhead for Thomas & Henry K. S. Williams. Plans approved as amended and reported.....October 16, 1909.

*West New Brighton, Van Street:*

Laying out 30-inch water pipe line for the Hudson Co. Water Co. Plans approved and reported.....October 20, 1909.

*Foot of Maple Avenue:*

Pipe sewer outlet for the Borough President. Plans approved and reported November 11, 1909.

*Great Kills, Between Wiman and Guyon Avenues:*

Walkway for J. Wheeler Glover. Plans approved as amended and reported November 24, 1909.

SUMMARY OF PLANS FOR WORK UNDER PERMIT.

Manhattan .....	69
Bronx .....	27
Brooklyn .....	62
Queens .....	22
Richmond .....	13

Total..... 193 separate examinations.

STATEMENT OF WORK DONE IN THE DRAUGHTING ROOM OF THE SURVEYOR'S OFFICE, INCLUDING ALL SURVEY MAPS, STANDARD MAPS, CONTRACT DRAWINGS, ETC., MADE DURING THE YEAR ENDING DECEMBER 31, 1909.

BOROUGH OF MANHATTAN.

8 New survey maps of the North River waterfront.

1 New standard tracing of the North River waterfront.

2 Tracings of amended new plan, Little West 12th to Gansevoort Streets.

6 Maps of Manhattan Island for Committee on Congestion of Population.

3 Maps of Gansevoort and Chelsea Sections for Committee on Congestion of Population.

1 Map showing 12th Avenue between West 134th and West 136th Streets for Board of Estimate.

2 Studies and one plan of modification of pier and bulkhead lines from East 62d Street to East 64th Street.

## Draughting Room.

1 Map for the relief of traffic at the approach to the ferries at the foot of Whitehall Street.

2 Maps of proposed southerly extension to pier and bulkhead lines of Blackwells Island.

4 Maps showing typical sections of bottom on Yorkville Section for court exhibit.

3 Maps of waterfront from the Battery to Montgomery Street for the Committee on Congestion of Population.

1 Tracing of property acquired by The City between Gouverneur and Jackson Streets for Commissioner of Appraisement and Apportionment.

3 Maps showing depth of water between East 118th and East 121st Streets for Department of Water Supply, Gas and Electricity.

1 Standard map of East River waterfront.

68 Miscellaneous drawings, comprising maps, plans, layouts, etc.

7 Maps of the Borough of Manhattan showing floats and landing stages used by the Hudson-Fulton Celebration Committee.

19 Maps showing levels, etc., upon piers and walls.

15 Maps showing where asphalt pavement has been either laid or repaired.

*For the Corporation Counsel's Office.*

1 Map of waterfront from West 59th Street to Spuyten Duyvil Creek.

1 Map of waterfront between West 151st and West 152d Streets.

6 Maps of Pier Old 36, E. R., for condemnation proceedings.

2 Maps showing property rights between East 96th and East 98th Streets.

## BOROUGH OF THE BRONX.

6 New survey maps along the Harlem River.

1 New survey map along the East River.

2 New survey maps along Westchester Creek.

1 Standard tracing (Sunken Meadows).

1 Tracing and three maps of proposed pier and bulkhead lines around City Island.

8 Miscellaneous maps, plans, layouts, etc.

*For the Corporation Counsel's Office.*

4 Maps used in the Fordham dock proceedings.

2 Maps of East 138th Street, E. R., pier for damage suit.

## BOROUGH OF BROOKLYN.

9 New survey maps—Sheepshead Bay.

1 Tracing showing nature of bottom of Whale Creek as determined by borings and test piles.

1 Contract drawing for dredging Gowanus Section.

13 Tracings showing progress of Gowanus Section.

2 Tracings showing cross-sections of bottom on completion of dredging at Gowanus Section.

1 Tracing of concrete wall and market area between 36th and 38th Streets, South Brooklyn.

3 Maps showing proposed pier and bulkhead lines on northerly shore of Jamaica Bay.

3 Maps of the Borough of Brooklyn for the Committee on Congested Population.

22 Miscellaneous maps, tracings, etc.

Draughting Room.

*For the Corporation Counsel's Office.*

- 7 Maps showing cross-sections of soil as determined by strata borings at Whale Creek.
- 1 Map of property to be acquired at Metropolitan Avenue and North 2d Street.
- 2 Maps showing water grants between West 20th and West 38th Streets, Gravesend Bay.
- 2 Tracings showing topographical features from East 56th to East 63d Streets, Flatlands Bay.

BOROUGH OF QUEENS.

- 28 New survey sheets extending from North Beach to Flushing Creek to College Point.
- 3 Standard tracings.
- 5 Miscellaneous maps, tracings, etc.

*For the Corporation Counsel's Office.*

- 2 Maps of Rockaway Park.
- 1 Map of property at Brant Channel and Barbadoes Creek.

BOROUGH OF RICHMOND.

- 1 Map showing general track plan at St. George Terminal.
- 2 New survey maps at Tottenville.
- 1 Tracing showing proposed bulkhead line at St. George.
- 1 Tracing showing proposed bulkhead line at Richmond Avenue.
- 7 Maps showing the shorefronts along Richmond and Brooklyn for the Hudson-Fulton Celebration Committee.
- 7 Maps showing location of floats and landing stages used by the Hudson-Fulton Celebration Committee.
- 1 Tracing and six prints of damage map of St. George Terminal.

WORK DONE FOR OWNERS, LESSEES AND OTHERS, ETC.

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

NORTH RIVER.

*Cortlandt Street, N. R.*

Under B. O. 7002 the Department force removed the unused car tracks in this vicinity, cost to be collected from the Receiver of the Fulton Street R.R. Co. Begun January 15 and finished January 18, 1909.

*Barclay Street, N. R.*

Under B. O. 7001 the Department force removed the unused car tracks in this vicinity, cost to be collected from the Receiver of the Metropolitan Street Railway Co. Begun March 26, 1909, and finished April 12, 1909.

*West 50th Street, N. R.*

Under B. O. 6788 the outer end, southerly side of this pier, where damaged by the tug "Interstate," was repaired by the force of the Department and the cost reported

## Work Done for Owners, Lessees, etc.

for collection from the Interstate Lighterage & Transportation Co. Work begun and finished January 25, 1909.

Under B. O. 7131 repairs were made to the pier where damaged by tug "S. L. Crosby," and the cost reported for collection from the Cornell Steamboat Company. Begun and finished March 20, 1909.

*Pier New 8, E. R.*

Under B. O. 6956 the Department force relaid the granite pavement taken up in connection with the repairs to the water pipe by the Campania Transatlantica. Cost to be collected from the company. Begun and finished February 18, 1909.

*Pier Foot of 3d Street, E. R.*

Under B. O. 7292 the Department force repaired the pier where damaged by barge "Julius De Long." To be collected from the Wright & Cobb Lighterage Co. Begun and finished April 24, 1909.

*Pier Foot of 4th Street, E. R.*

Under B. O. 7531 the Department force repaired the pier where damaged by tug and float owned by the N. Y., N. H. & H. R.R. Co. To be collected from Jas. Shewan & Sons, lessees of piers. Begun July 16, 1909, and finished July 21, 1909.

*Pier Foot of East 21st Street, E. R.*

Under B. O. 7716 the Department force replaced spring piles where broken by the steamer "Chester W. Chapin." Cost to be collected from the New England Navigation Co. Begun and finished September 17, 1909.

*Foot of 46th Street, E. R.*

Under B. O. 6899 the Department force plugged pipes due to failure to remove same by the Conville Brewing Co. Begun February 4, 1909, and finished February 5, 1909.

*Foot of 60th Street, E. R.*

Under B. O. 8053 the Department force repaired the portion of the pier leased to the Bouker Cont. Co. Cost to be collected from the company. Begun and finished December 30, 1909.

*Between 65th and 66th Streets, E. R.*

Under B. O. 7149 the Department force laid two 12-inch cast-iron pipes through the bulkhead for Marc Eidlez & Sons, contractors for the Rockefeller Institute for Medical Research. Cost to be collected from contractors. Begun January 28, 1909, and finished May 18, 1909.

*Foot of 74th Street, E. R.*

Under S. O. 21008 the Department force placed a wooden fender system for the Metropolitan Railway Co. Cost to be collected from them. Begun and suspended in 1901. Finished May 15, 1909.

*Foot of 100th Street, E. R.*

Under B. O. 6758 the Department force made repairs to the southerly side of the pier within an area covered by permit to the National Ice Co. Cost to be collected from them. Begun December 9, 1908, and finished December 14, 1908. Not reported until 1909.

CONTRACTS UNDER WHICH WORK HAS BEEN DONE.

NUMBER.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT.	AMOUNT PAID.
894	For printing, binding and delivering Annual Reports and Indices, and Binding Minutes of the Department of Docks and Ferries for years 1902 and 1903, and Indices of the Department of Docks for the years 1870 to 1893, inclusive. Class 2, dated April 19, 1905.	Class 2, April 24, 1905.	Class 2, Nov. 27, 1905.	} Class 2, \$5,300 00	\$5,300 00
966. Under New Plan	For furnishing and delivering Quarry Stone. Dated, Jan. 19, 1906.	Feb. 16, 1906.	Mar. 17, 1909.	75 cents	2,786 25
985. Municipal Ferry.	For the preparation of plans and specifications for ferry house for the New 39th Street Ferry, Manhattan Terminal. Dated, Sept. 17, 1906.		Dec. 29, 1909.	5% of contract price.	
1025. Under New Plan	For dredging at the site of the proposed improvement near the mouth of Whale Creek, Newtown Creek, Brooklyn. Dated, July 2, 1909.	July 20, 1909.	In progress.	18 1/2 cents	
1027. Under New Plan	For preparing for and building a Bulkhead Wall with appurtenances at Whale Creek, in the Borough of Brooklyn, and for furnishing and depositing rip-rap thereat.			{ Class 1, \$42,134 00 Class 2, 45 cents	386
1030. Municipal Ferry.	Preparing plans and specifications for building a ferry house at Stapleton, Borough of Richmond, in The City of New York. Dated, Sept. 7, 1906.			5% of contract price.	
1053. Municipal Ferry.	For preparing for and building between Whitehall and Broad streets, E. R., Borough of Manhattan a new ferry house for the New 39th Street Ferry Manhattan Terminal. Dated, July 17, 1907.	Oct. 7, 1907.	Sept. 20, 1909.	\$647,800 00	\$658,260 00
1054. Under New Plan	For preparing for and building freight sheds on Piers Nos. 54 and 56, N. R., between Little West 12th and West 14th streets, on the Chelsea Section, in the Borough of Manhattan, with lateral extensions on the adjacent bulkhead platforms. Dated, Aug. 15, 1907.	Oct. 7, 1907.	Dec. 14, 1909.	1,132,580 00	\$1,163,036 00
1056. Municipal Ferry.	Preparation of plans and specifications for and supervision of work of building the super-structure of ferry house and appurtenances at Whitehall street, Borough of Manhattan, in The City of New York. Dated Feb. 27, 1907.			3% 300,000 00	
1057. Municipal Ferry.	Architects for superstructure of ferry house and appurtenances at 39th Street, in the Borough of Brooklyn, in The City of New York. Dated Aug. 21, 1907.			5% of cost of terminal.	

NUMBER.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT.	AMOUNT PAID.
1071. Municipal Ferry.	For preparing for and building at Stapleton, Staten Island, Borough of Richmond, a new ferry house and other structures appurtenant thereto in connection with the New Stapleton Ferry Terminal.				
1078. Under New Plan and General Repairs.	Preparing for and paving with asphalt the deck of the pier at West 22d street, New Made Land in the vicinity of West 22d street, and approach to the 39th Street Ferry Terminal at Whitehall Street, Borough of Manhattan; also the approach to the Stapleton Ferry Terminal at Staten Island. Dated: Class 1, Aug. 7, 1907; Class 2, Aug. 7, 1907.	Class 1, May 29, 1908. Class 2, July 19, 1909.	Class 1, Sept. 18, 1909. Class 2, July 19, 1909.	Class 1, \$1 01 Class 2, 1.60	\$11,098 89 771 20
1082. Class 2. Under New Plan.	For furnishing and delivering Broken Stone. Dated July 17, 1907.	Nov. 18, 1907.	Aug. 27, 1909.	\$1.29	\$14,881 44
1084. Class 1. Under New Plan.	For furnishing, delivering and putting in place about 13,000 cubic yards of Small Cobble. Dated July 2, 1907.	Sept. 23, 1908.	In progress.	73 cents	
1086. Under New Plan	For the preparation of the general plans for the structures between Bloomfield and West 23d streets, N. R., Borough of Manhattan, New York City together with detailed plan of one shed and the bulkhead structures appurtenant to same. Dated June 5, 1906.			\$15,000 00	
1090. Under New Plan	For preparing for and building freight sheds on Piers Nos. 57, 58 and 59, N. R., between West 14th and West 19th streets, on the Chelsea Section, in the Borough of Manhattan with lateral extensions on the adjacent bulkhead platforms. Dated Oct. 2, 1907.	Jan. 31, 1908.	Dec. 21, 1909.	\$1,820,000 00	\$1,860,078 00
1091. Under New Plan	For preparing for and building freight sheds on Piers Nos. 60, 61 and 62, N. R., between the foot of West 19th and West 22d streets, on the Chelsea Section, in the Borough of Manhattan, with lateral extensions on the adjacent bulkhead platforms. Dated Oct. 15, 1907.	Jan. 31, 1908.	Dec. 29, 1909.	1,543,960 00	\$1,596,595 37
1095. Under New Plan	For preparing for and building a new pier between 31st and 32d streets, in the Borough of Brooklyn, to be known as the 31st Street Pier. Dated July 13, 1909.	Oct. 11, 1909.	In progress.	174,587 00	
1097	For printing and furnishing specifications and forms of contracts. Dated Sept. 18, 1907.				\$5,016 00 1,481 00
1102. Class 2. Under New Plan.	For furnishing and delivering Broken Stone. Dated Sept. 18, 1907.	Oct. 2, 1907.	Nov. 26, 1909.	Class 1, \$1.50 page Class 2, 60 cents, hour.	\$11,114 25
1111. Under New Plan, and General Repairs.	For dredging about 150,000 cubic yards on East and Harlem Rivers, Boroughs of Manhattan, Brooklyn, Queens and The Bronx, and in the Borough of Richmond. Dated April 4, 1908.	Oct. 11, 1907.	Mar. 19, 1909.	\$1.45	
		May 21, 1908.	June 29, 1909.	20 7-9 cents	\$32,512 65

NUMBER.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
1112. Class 2.	For furnishing and delivering Hardware. Dated May 9, 1908.	July 7, 1908.	June 23, 1909.	\$2,954.60	2,954.60
1115. Under New Plan and General Repairs.	For dredging about 200,000 cubic yards on the North River, Borough of Manhattan. Dated April 21, 1908.	April 30, 1908.	Jan. 6, 1909.	.148	\$31,078.67
1116. Under New Plan	For furnishing and delivering Broken Stone. Dated May 9, 1908.	June 10, 1908.	In progress.	\$1.50	
1117. Municipal Ferry.	Consulting Marine Engineer for two ferry boats and equipment for the operation of the ferries between the Borough of Manhattan and Stapleton, S. I., and Port Richmond, S. I., and for the extension of the ferry facilities at South Brooklyn. Dated June 12, 1908.		In progress.	1% total cost of boats, etc.	
1118. Municipal Ferry.	Naval Architect for two ferry-boats and equipment for the operation of the ferries between the Borough of Manhattan and Stapleton, S. I., and Port Richmond, S. I., and the extension of the ferry facilities at South Brooklyn. Dated May 27, 1909.			34% of total cost of boats.	
1124. Under New Plan	For furnishing and delivering Coal. Dated April 21, 1908.	May 11, 1908.	Jan. 29, 1909.	Class 1, \$6.24 Class 2, 5.40	Class 1, \$4,910.88 Class 2, 280.80
1127. Under New Plan	For furnishing and delivering Paints, Oils, etc. Dated Aug. 12, 1908.	Sept. 3, 1908.	July 8, 1909.	\$9,372.00	\$9,372.00
1132. Not Under New Plan.	For preparing for and building a rip-rap embankment and wall to close the gaps in the existing wall at Rikers Island, Borough of The Bronx. Dated Aug. 22, 1908.	Sept. 9, 1908.	July 22, 1909.	65 cents, cubic yard.	\$16,200.60
1136. General Repairs	For repairing Asphalt Pavement on the North and East Rivers, together with all the work incidental thereto. Dated: Class 1, Jan. 29, 1909; Class 2, Mar. 9, 1909.	Class 1, Feb. 18, 1909 Class 2, Mar. 23, 1909	In progress.	Class 1-A, \$1.47 Class 1-B, 1.65 Class 2-A, 1.47 Class 2-B, 1.58	
1138. Under New Plan and General Repairs.	For preparing for and paving with asphalt the decks of certain piers on the North, East and Harlem Rivers, and on the New Made Land between East 25d and East 24th streets, E. R., Borough of Manhattan. Dated: Class 3, Sept. 10, 1908; Class 4, Oct. 10, 1908; Class 5, Oct. 10, 1908; Class 6, Dec. 9, 1908.	Class 3, July 19, 1909 Class 4, July 20, 1909 Class 5, Oct. 6, 1909 Class 6, Oct. 6, 1909 Class 7, Sept. 7, 1909 Class 8, Sept. 6, 1909 Class 9, April 13, 1909	Class 3, July 20, 1909 Class 4, July 20, 1909 Class 5, Oct. 6, 1909 Class 6, Oct. 6, 1909 Class 7, Sept. 7, 1909 Class 8, Sept. 6, 1909 Class 9, May 11, 1909	Class 3, \$1.49 Class 4, 1.49 Class 5, 1.48 Class 6, 2.20	\$5,386.98 2,926.36 4,169.16 4,782.80

1139. Under New Plan and General Repairs.	For furnishing and delivering Sawed New Yellow Pine or Oregon Pine Lumber, Sawed New Spruce Lumber and Miscellaneous Lumber. Dated Aug. 12, 1908.	Class 1, Nov. 5, 1908.	Class 1, June 23, 1909.	Class 1, \$22.44	\$104,222.31
1141. Under New Plan and General Repairs.	For dredging about 25,000 cubic yards in the Boroughs of Manhattan, Brooklyn, Queens, The Bronx and Richmond. Dated Mar. 1, 1909.	Mar. 29, 1909.	Oct. 29, 1909.	56 cents	\$14,700.00
1143. Under New Plan	For furnishing and delivering Manila Rope. Dated Aug. 15, 1908.	Sept. 15, 1908.	April 15, 1909.	.08479	\$9,402.87
1145. Under New Plan	For furnishing and delivering Coal. Dated Aug. 12, 1908.	Class 1, Sept. 9, 1908 Class 2, Jan. 4, 1909 Class 3, Mar. 9, 1909	Class 1, Aug. 14, 1909 Class 2, Oct. 7, 1909 Class 3, Oct. 14, 1909	Class 1, \$5.15 Class 2, 6.49 Class 3, 5.60	\$27,068.88 6,814.50 235.20
1147. Under New Plan	For preparing for and building a new pier at the foot of Oliver street, also for preparing for and building a new bulkhead platform westerly from said pier between James Slip and Oliver street, E. R., Borough of Manhattan.				
1148. Under New Plan	For dredging between 28th and 36th streets, South Brooklyn, Borough of Brooklyn. Dated Aug. 22, 1908.	Oct. 1, 1908.	Oct. 25, 1909.	.468	\$1,519,276.01
1149. Under New Plan	For furnishing and delivering Miscellaneous Supplies. Dated: Class 1, Mar. 25, 1909; Class 2, Mar. 25, 1909; Class 3, Nov. 11, 1908; Class 4, Mar. 25, 1909; Class 5, Nov. 11, 1908; Class 6, Oct. 21, 1908; Class 7, Nov. 11, 1908; Class 8, Mar. 25, 1909; Class 9, Nov. 11, 1908; Class 10, Nov. 11, 1908; Class 11, Nov. 11, 1908; Class 12, Nov. 11, 1908; Class 13, Nov. 11, 1908; Class 14, Nov. 11, 1908; Class 15, Nov. 11, 1908.	Class 1, April 28, 1909 Class 2, April 28, 1909 Class 3, April 8, 1909 Class 4, May 5, 1909 Class 5, Mar. 11, 1909 Class 6, Nov. 5, 1908 Class 7, Mar. 13, 1909 Class 8, Nov. 23, 1908 Class 9, Mar. 9, 1909 Class 10, Mar. 12, 1909 Class 11, April 15, 1909 Class 12, April 15, 1909 Class 13, May 18, 1909 Class 14, Feb. 17, 1909 Class 15, April 12, 1909	Class 1, Sept. 23, 1909 Class 2, Sept. 11, 1909 Class 3, July 16, 1909 Class 4, June 26, 1909 Class 5, July 28, 1909 Class 6, Sept. 27, 1909 Class 7, Sept. 4, 1909 Class 8, Mar. 18, 1909 Class 9, April 15, 1909 Class 10, June 9, 1909 Class 11, May 18, 1909 Class 12, In progress Class 13, June 21, 1909 Class 14, June 21, 1909 Class 15, Aug. 27, 1909	Class 1, \$1,270.40 Class 2, 2,064.30 Class 3, 945.00 Class 4, 1,620.00 Class 5, 7,993.00 Class 6, 6,524.49 Class 7, 3,929.00 Class 8, 114.88 Class 9, 173.00 Class 10, 619.70 Class 11, 313.03 Class 12, 1,595.00 Class 13, 2,230.00 Class 14, 5,900.00 Class 15, 5,900.00	1,270.40 2,074.30 945.00 1,620.00 7,993.00 6,524.49 3,929.00 114.88 173.00 619.70 303.03 2,230.00 5,900.00

NUMBER.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
1150. Under New Plan	For furnishing and installing mechanical and electrical equipment on Piers 53, 54, 56, 57, 58, 59, 60, 61 and 62, N. R., between Bloomingfield and West 22d streets on the Chelsea Section, Borough of Manhattan. Dated May 6, 1909.	July 1, 1909.	In progress.	\$745,000.00.	
1152. Under New Plan	For furnishing and delivering Cement, Sand and Rip-rap. Dated Class 1, Dec. 9, 1908; Class 2, Nov. 11, 1908; Class 3, Oct. 20, 1908.	Class 1-A, Jan. 22, 1909. Class 1-B, Jan. 18, 1909. Class 2, May 4, 1908. Class 3, Oct. 27, 1908.	Class 1-A, June 10, 1909. Class 1-B, June 12, 1909. Class 2, Aug. 4, 1909. Class 3, June 1, 1909.	\$1.47. .201. .75. .34.	\$7,717 50 6,142 50 2,247 75 7,147 48
1154. Under New Plan and General Repairs.	For dredging about 200,000 cubic yards on the North River, Borough of Manhattan. Dated Dec. 9, 1908.	Feb. 18, 1909.	Sept. 13, 1909.	.145.	29,188 36
1156. Under New Plan	For preparing for and refendering Pier No. 53, N. R., in the Borough of Manhattan, and preparing foundations for street front of bulkhead building; and for preparing for and building freight shed on Pier 53, N. R., near the foot of Little West 12th street, with lateral extension on the adjacent bulkhead platform. Dated Mar. 30, 1909.	April 5, 1909.	In progress.	\$247,300.00.	
1160. Under New Plan and General Repairs.	For furnishing about 2,000 hours Towing on the North and East Rivers. Dated Jan. 29, 1909.	Feb. 10, 1909.	July 28, 1909.	\$3.48	\$7,308 00
1161. General Repairs	For preparing for repairing and rebuilding a portion of West 35th Street Pier, known as Pier No. 75, N. R., Borough of Manhattan. Dated Dec. 30, 1908.	Jan. 16, 1909.	May 10, 1909.	\$35,897.00	\$35,897 00
1164. Construction.	For furnishing, delivering and installing metal filing cases and storage cabinets in the Record Room of the Department of Docks and Ferries, on Pier "A", N. R., Borough of Manhattan. Dated April 15, 1909.	May 10, 1909.	July 20, 1909.	\$1,700.00	\$1,700 00
1166. Under New Plan and General Repairs.	For furnishing and delivering Piles. Dated, April 16, 1909.	May 1, 1909.	Oct. 22, 1909.	\$9.21	\$9,504 72
1167. Under New Plan	For furnishing and delivering Paints, etc. Dated June 8, 1909.	June 26, 1909.	Aug. 6, 1909.	\$2,916.50	\$2,916 50

1160. Under New Plan	For preparing for, furnishing and laying double track extension to trolley railroad, including overhead wiring, etc., at the So. Brooklyn Terminal, 39th Street Ferry, Borough of Brooklyn. Dated April 21, 1909.	May 5, 1909.	Aug. 28, 1909.	\$6,450.00	\$6,450 00
1172. Under New Plan	For preparing for and building a steel steam lighter with all appurtenances.				
1174. Under New Plan	For furnishing and delivering Granite Stone for Bulkhead or River Wall. Dated: Class 1, Sept. 14, 1909; Class 2, July 28, 1909.	Class 1, Dec. 7, 1909. Class 2, Aug. 6, 1909.	Class 1, Dec. 11, 1909. Class 2, Sept. 17, 1909.	Class 1, .95. Class 2, \$1.00.	\$1,779 11 7,051 50
1175. Under New Plan	For furnishing and delivering Cement, and for furnishing and delivering and putting in place Rip-Rap Stone. Dated: Class 1, May 7, 1909; Class 3, May 7, 1909.	Class 1, June 28, 1909 Class 3, June 1, 1909.	In progress.	Class 1, \$1.32. Class 3, .30.	
1180. Not Under New Plan	For preparing for and building a landing platform, breakwaters, float stages and movable gangways with appurtenances at the foot of West 110th street, N. R., and for furnishing and depositing rip-rap thereat. Dated July 2, 1909.	Class 1, July 20, 1909. Class 2, July 20, 1909.	Class 1, Sept. 28, 1909. Class 2, Sept. 28, 1909.	Class 1, \$15,047.00. Class 2, .45.	\$15,047 00 7,606 15
1181. Not Under New Plan	For preparing for and building a new pier at the foot of Jamaica avenue, Astoria, Borough of Queens. Dated July 13, 1909.	Sept. 15, 1909.	Dec. 23, 1909.	\$11,897.00	\$11,897 00
1182. Municipal Ferry	For constructing and delivering Two Steel Screw Propelling Ferry-boats, each with two-cylinder compound engines.				
1183. Under New Plan	For furnishing and delivering Coal. Dated Sept. 23, 1909.	Classes 1 and 2, Oct 7, 1909. Class 3, Nov. 19, 1909.	In progress.	Class 1, \$5.07. Class 2, 6.40. Class 3, 5.85.	
1184. Under New Plan and General Repairs.	For furnishing about 2,500 hours services of Tugs on the North and East Rivers and waters within the limits of Greater New York. Dated July 13, 1909.	Sept. 10, 1909.	In progress.	\$3.39	
1185. Class 2, Under New Plan.	Furnishing and delivering Ice. Dated July 2, 1909.	July 29, 1909.	Oct. 30, 1909.	.30.	\$339 19
1186. Not Under New Plan	For preparing for and laying Granite and Iron Slag block pavement on portions of the Marginal Street between Whitehall and Broad streets, E. R., and granite block pavement between Albany and Liberty streets, N. R., and between West 30th and West 33d streets, N. R., and for laying a granite crosswalk along the southerly line of West 22d street, N. R., Borough of Manhattan. Dated: Class 1, Oct. 23, 1909; Classes 2 and 3, Nov. 24 1909.	Class 1, Nov. 15, 1909.	In progress.	Class 1, \$5,600.00. Class 2, 27,000.00. Class 3, 25,500.00.	



NUMBER.	CONTRACT.	WORK BEGUN.	WORK FINISHED.	CONTRACT PRICE.	AMOUNT PAID.
1187. Under New Plan	For furnishing and delivering Miscellaneous Supplies. Dated: Class 1, Nov. 23, 1909; Class 2, Nov. 24, 1909.	Class 1, Nov. 29, 1909 Class 2, Dec. 31, 1909	Class 1, In progress Class 2, In progress	Class 1, \$78,599.00 Class 2, 1,161.00	
1188. Under New Plan and General Repairs.	Dredging about 150,000 cubic yards on the East and Harlem Rivers, Boroughs of Manhattan, Brooklyn, Queens, and The Bronx, and in the Borough of Richmond. Dated Sept. 23, 1909.	Oct. 4, 1909	In progress	.19	
1189. Under New Plan	For furnishing and delivering Sand and Broken Stone. Dated Aug. 17, 1909.	Class 2, Sept. 11, 1909 Class 3, Sept. 15, 1909	In progress	Class 2, 80 cents Class 3, 87 cents	
1190. Under New Plan and General Repairs.	For furnishing and delivering Sawn New Yellow Pine Lumber, Sawn New Spruce Lumber and Piles. Dated: Classes 1 and 3, Sept. 23, 1909; Class 2, Oct. 7, 1909.	Class 2, Oct. 15, 1909 Class 3, Nov. 18, 1909	Class 2, Nov. 23, 1909 Class 3, In progress	Class 1, \$23.05 Class 2, 29.58 Class 3, 7.49	\$6,678.84
1191. Under New Plan and General Repairs.	For preparing for and furnishing and installing a new boiler in the tug "Brooklyn," complete with all appurtenances. Dated Oct. 23, 1909.	Nov. 8, 1909	In progress	\$8,990.00	
1192. Under New Plan	For preparing for and building the exterior pier, with appurtenances, at the mouth of Whale Creek, Newtown Creek, Borough of Brooklyn.				
1193. Under New Plan and General Repairs.	For dredging about 25,000 cubic yards in the Boroughs of Manhattan, Brooklyn, Queens, The Bronx and Richmond. Dated Sept. 23, 1909.	Oct. 9, 1909	In progress	39 cents	
1194. Under New Plan	For furnishing and delivering Manila Rope and Marline. Dated Oct. 21, 1909.	Nov. 8, 1909	Dec. 31, 1909	7 69-100 cents	\$8,600.65
1195. Not Under New Plan	For furnishing and erecting appliances, etc., to complete the electric installation at the Department Yards at West 57th street, N. R. and East 24th street, E. R. Dated Oct. 23, 1909.	Nov. 9, 1909	In progress	\$5,213.00	
1196. Under New Plan	For preparing for and building a new steel freight shed with appurtenances on the pier between 31st and 32d streets, in the Borough of Brooklyn, to be known as the 31st Street Pier Shed. Dated Oct. 23, 1909.	Nov. 27, 1909	In progress	\$155,500.00	
1197. Municipal Ferry	For preparing for and building a new steel viaduct between the trolley platform and Jay street, St. George, Borough of Richmond. Dated Oct. 21, 1909.	Nov. 11, 1909	In progress	\$43,570.00	

1198. Under New Plan and General Repairs.	For dredging about 200,000 cubic yards on the North River, Borough of Manhattan. Dated Nov. 19, 1909.	Nov. 30, 1909	In progress	14 cents	
1199. Not Under New Plan	For removing and reconstructing the existing pier and extending the pier at the foot of Morton street, N. R., in the Borough of Manhattan, known as Pier No. 42, N. R., and for furnishing and depositing rip-rap thereat.				
1200. Under New Plan	For taking up the temporary pavement and laying a permanent pavement with granite blocks on a concrete foundation on the marginal street between West 22d and West 23d streets, N. R., Borough of Manhattan. Dated Nov. 19, 1909.			\$88,750.00	
1201. Under New Plan	Furnishing and delivering Miscellaneous Supplies.				
1202. Under New Plan	For preparing for and building a new pier at the foot of 33d street, in the Borough of Brooklyn, to be known as the 33d Street Pier.			\$236,500.00	
1204. Under New Plan	For furnishing and delivering Granite Stone for Bulkhead or River Wall.				
1205. Under New Plan	For dredging between 36th and 38th streets, Borough of Brooklyn.				
1206. Under New Plan and General Repairs.	For furnishing and delivering Lumber and Piles.				
1207. Under New Plan	For furnishing and delivering Cement, Sand and Broken Stone, and for furnishing, delivering and putting in place Small Cobble and Rip-rap Stone.				
1209. Under New Plan	For preparing for and building a new pier at the foot of 30th street, in the Borough of Brooklyn, to be known as 30th Street Pier.				
1212. Under New Plan and General Repairs.	For dredging about 200,000 cubic yards on the North River, Borough of Manhattan.				
1213. Municipal Ferry	For preparing for and constructing railings, gates and stairway in ferry house at St. George, Staten Island, Borough of Richmond.				
1214. Under New Plan and General Repairs.	For dredging about 200,000 cubic yards (mud) in the Boroughs of Manhattan, Brooklyn, Queens, The Bronx and Richmond.				
1216. Municipal Ferry	For preparing for and constructing offices and appurtenances, toilets, etc., on the third floor, and furnishing and placing an elevator in the Staten Island Ferry House, at the foot of Whitehall street, Borough of Manhattan.				

## Contracts.

FORMS OF CONTRACTS AND SPECIFICATIONS PREPARED AND SUBMITTED  
TO THE COMMISSIONER.

Engineer's Order.—For furnishing and delivering paints, etc. Submitted January 7, 1909, and advertised as Contract No. 1167.

Engineer's Order.—For preparing for and building a new pier at the foot of Jamaica Avenue, Astoria, Borough of Queens. Originally submitted January 28, 1909, resubmitted April 28, 1909 and advertised as Contract No. 1181.

Engineer's Order.—For preparing for and building a pier with lateral extensions between 31st and 32d Streets, Gowanus Bay, in the Borough of Brooklyn. Originally submitted February 20, 1909, resubmitted June 27, 1909, and advertised as Contract No. 1095.

B. O. 6500.—For preparing for, furnishing and laying double-track extension to trolley railroad, including overhead wiring, etc., at the South Brooklyn Terminal of the 39th Street Ferry, Borough of Brooklyn. Submitted February 27, 1909, and advertised as Contract No. 1169.

Engineer's Order.—For preparing for and building a steel steam lighter with all appurtenances. Submitted March 11, 1909, and advertised as Contract No. 1172.

Engineer's Order.—For furnishing and delivering granite stone for bulkhead or river wall. Submitted March 17, 1909, and advertised as Contract No. 1174.

Engineer's Order.—For furnishing and delivering cement, and for furnishing and delivering and putting in place rip-rap stone. Submitted March 26, 1909, and advertised as Contract No. 1175.

Engineer's Order.—For dredging at the site of the proposed improvement near the mouth of Whale Creek, Newtown Creek, in the Borough of Brooklyn. Originally submitted August 1, 1906, resubmitted April 8, 1909, and advertised as Contract No. 1025.

Engineer's Order.—For preparing for and building a landing platform, breakwaters, float stages and movable gangways with appurtenances at the foot of West 110th Street, N. R., and for furnishing and depositing rip-rap thereat. Submitted April 26, 1909, and advertised as Contract No. 1180.

Engineer's Order.—For preparing for and building a new pier at the foot of Jamaica Avenue, Astoria, Borough of Queens. Submitted April 28, 1909, and advertised as Contract No. 1181.

Engineer's Order.—For constructing and delivering two steel screw propelling ferry-boats, each with two-cylinder compound engines. Submitted May 4, 1909, and known as Contract No. 1182, but not yet advertised.

Engineer's Order.—For furnishing and delivering coal. Submitted May 6, 1909, and advertised as Contract No. 1183.

Engineer's Order.—For furnishing about 2,500 hours' services of tugs on the North and East Rivers and waters within the limits of Greater New York. Submitted May 6, 1909, and advertised as Contract No. 1184.

Engineer's Order.—For preparing for and laying iron slag block pavement on portions of the Marginal Street between Whitehall and Broad Streets, E. R.; and granite block pavement between Albany and Liberty Streets, N. R.; and between West 30th and West 33d Streets, N. R.; and for laying a granite crosswalk along the southerly line of West 22d Street, N. R., Borough of Manhattan. Submitted May 10, 1909, and advertised as Contract No. 1186.

Engineer's Order.—For furnishing and delivering ice. Submitted May 11, 1909, and advertised as Contract No. 1185.

Engineer's Order.—For furnishing and delivering miscellaneous supplies. Submitted May 17, 1909, and advertised as Contract No. 1187.

Engineer's Order.—For dredging about 150,000 cubic yards on the East and Harlem Rivers, Boroughs of Manhattan, Brooklyn, Queens and The Bronx, and in the Borough of Richmond. Submitted May 18, 1909, and advertised as Contract No. 1188.

Engineer's Order.—For furnishing and delivering sawed new yellow pine lumber, sawed new spruce lumber and piles. Submitted May 20, 1909, and advertised as Contract No. 1190.

Engineer's Order.—For furnishing and delivering sand and broken stone. Submitted May 21, 1909, and advertised as Contract No. 1189.

Engineer's Order.—For preparing for and furnishing and installing a new boiler in the tug "Brooklyn," complete with all appurtenances. Submitted May 22, 1909, and advertised as Contract No. 1191.

B. O. 7259.—For preparing for and building the exterior pier with appurtenances at the mouth of Whale Creek, Newtown Creek, Borough of Brooklyn. Originally submitted August 9, 1906, and advertised as Contract No. 1027; altered and resubmitted May 24, 1909, but never advertised.

B. O. 7260.—For preparing for and building a bulkhead wall with appurtenances at Whale Creek, in the Borough of Brooklyn, and for furnishing and depositing rip-rap thereat. Originally submitted August 9, 1906, third edition submitted June 4, 1909, and advertised as Contract No. 1027.

Engineer's Order.—For dredging about 25,000 cubic yards in the Boroughs of Manhattan, Brooklyn, Queens, The Bronx and Richmond. Submitted June 15, 1909, and advertised as Contract No. 1193.

## Contracts.

Engineer's Order.—For furnishing and delivering manila rope and marline. Submitted June 16, 1909, and advertised as Contract No. 1194.

Engineer's Order.—For preparing for and building a new steel viaduct between the trolley platform and Jay Street, St. George, Borough of Richmond. Submitted June 16, 1909, and advertised as Contract No. 1197.

Engineer's Order.—For furnishing and erecting appliances, etc., to complete the electric installation at the Department yards at West 57th Street, N. R., and East 24th Street, E. R. Submitted June 17, 1909, and advertised as Contract No. 1195.

Engineer's Order.—For furnishing and delivering stationery and miscellaneous supplies. Submitted June 19, 1909, but not yet advertised.

Engineer's Order.—For dredging between 36th and 38th Streets, Borough of Brooklyn. Submitted June 23, 1909, but not yet advertised.

Engineer's Order.—For preparing for and building a new steel freight shed with appurtenances on the pier between 31st and 32d Streets, in the Borough of Brooklyn, to be known as the 31st Street Pier Shed. Submitted June 29, 1909, and advertised as Contract No. 1196.

Engineer's Order.—For dredging about 200,000 cubic yards on the North River, Borough of Manhattan. Submitted August 18, 1909, and advertised as Contract No. 1198.

Engineer's Order.—For removing and reconstructing the existing pier at the foot of Morton Street, N. R., in the Borough of Manhattan, known as Pier 42, N. R., and for furnishing and depositing rip-rap thereat. Submitted August 26, 1909, and advertised as Contract No. 1199.

Engineer's Order.—For taking up the temporary pavement and laying a permanent pavement with granite blocks on a concrete foundation on the Marginal Street between West 22d and West 23d Streets, N. R., Borough of Manhattan. Submitted September 10, 1909, and advertised as Contract No. 1200.

Engineer's Order.—For preparing for and building a new pier at the foot of 33d Street, in the Borough of Brooklyn, to be known as the 33d Street Pier. Submitted September 29, 1909, and advertised as Contract No. 1202.

Engineer's Order.—For repairing pier at 95th Street, E. R. Submitted October 5, 1909, but never let; work to be done by the force of the Department.

Engineer's Order.—For furnishing and delivering granite stone for bulkhead or river wall. Submitted October 8, 1909, and advertised as Contract No. 1204.

Engineer's Order.—For furnishing and delivering cement, sand and broken stone, and for furnishing, delivering and putting in place small cobble and rip-rap stone. Submitted October 14, 1909, and advertised as Contract No. 1207.

Engineer's Order.—For furnishing and delivering lumber and piles. Submitted October 15, 1909, and advertised as Contract No. 1206.

Engineer's Order.—For preparing for and building a new pier at the foot of 30th Street, in the Borough of Brooklyn, to be known as the 30th Street Pier. Submitted October 27, 1909, but not yet advertised.

Engineer's Order.—For dredging about 200,000 cubic yards on the North River, Borough of Manhattan. Submitted December 4, 1909, and advertised as Contract No. 1212.

Engineer's Order.—For preparing for and constructing railings, gates and stairway in the ferryhouse at St. George, Staten Island, Borough of Richmond. Submitted December 20, 1909, but not yet advertised.

Engineer's Order.—For dredging about 200,000 cubic yards in the Boroughs of Manhattan, Brooklyn, Queens, The Bronx and Richmond. Submitted December 22, 1909, but not yet advertised.

B. O. 7906.—For preparing for and constructing offices and appurtenances, toilets, etc., on the third floor, and furnishing and placing an elevator in the Staten Island Ferryhouse at the foot of Whitehall Street, Borough of Manhattan. Submitted December 30, 1909, but not yet advertised.

## DREDGING DONE BY THE DEPARTMENT OF DOCKS AND FERRIES

LOCATION	MONTH	MUD. CU. YDS.	CRIB CU. YDS.	MISC. CU. YDS.	DEPTH M. L. W.	CON. NO. OR O. NO.
Bhd. Pier old 1 and new 1, N. R.	June	1,333			16'	Con. 1,154
Pier new 11, extension, N. R.	April	7,341			35'	" 1,154
" 14, So. Side, N. R.	July	7,385			35'	" 1,154
" 14, So. Side, N. R.	Aug.	8,100			35'	" 1,154
" 14, So. Side, N. R.	Sept.	476			35'	" 1,154
" 14, So. Side, N. R.	Oct.			1,526	35'	" 1,193
" 14, No. Side, N. R.	Aug.	6,503			35'	" 1,154
" 14, No. Side, N. R.	Sept.	1,476			35'	" 1,154
" 15, So. Side, N. R.	Sept.	1,495			35'	" 1,154
Bhd. Piers 21-22, N. R.	April	713			16'	" 1,154
Pier 26, So. Side, N. R.	March	14,196			27'	" 1,154
" 26, No. Side, N. R.	March	782			27'	" 1,154
•Dump, Canal st., Pier 33, D. S. C., N. R.	Feb.	6,755			25'	" 1,154
Pier 39, So. Side, N. R.	Mar.	5,268			35'	" 1,154
" 48, No. Side, N. R.	July	4,077			36'	" 1,154
" 51, So. Side, N. R.	Feb.	4,076			37'	" 1,154
" 51, So. Side, N. R.	March	5,906			37'	" 1,154
" 54, No. Side, N. R.	May	9,786			41'	" 1,154
" 54, No. Side, N. R.	June	9,551			41'	" 1,154
" 54, No. Side, N. R.	July	1,871			41'	" 1,154
" 56, So. Side, N. R.	May	9,786			41'	" 1,154
" 56, So. Side, N. R.	June	9,551			41'	" 1,154
" 56, So. Side, N. R.	July	1,872			41'	" 1,154
" 58, So. Side, N. R.	Dec.	1,241			40'	" 1,198
" 58, No. Side, N. R.	Dec.	2,081			40'	" 1,198
" 59, So. Side, N. R.	Dec.	19,308			40'	" 1,198
" 59, No. Side, N. R.	Dec.	20,954			40'	" 1,198
" 60, So. Side, N. R.	Dec.	15,009			40'	" 1,198
" 60, No. Side, N. R.	Dec.	19,191			40'	" 1,198
" 61, So. Side, N. R.	Dec.	17,251			40'	" 1,198
" 61, No. Side, N. R.	Dec.	7,597			40'	" 1,198
" 62, So. Side, N. R.	Dec.	18,201			40'	" 1,198
" 64, No. Side, N. R.	Feb.	6,322			31'	" 1,154
" 64, No. Side, N. R.	March	6,779			31'	" 1,154
" 74, No. Side, 34th st., N. R.	July	16,499			31'	" 1,154
" 74, No. Side, 34th st., N. R.	Aug.	4,687			31'	" 1,154

## DURING THE YEAR ENDING DECEMBER 31, 1909.

AUTHORIZATION	BY WHOM PERFORMED	BEGUN	FINISHED	PRICE	AMOUNT
B. O. 7409	Taylor Dredging Co.	June 8, 1909	June 9, 1909	14.5c.	\$193.29
O 8915	" " "	April 3, 1909	April 8, 1909	14.5c.	1,064.45
B. O. 7620	" " "	July 27, 1909		14.5c.	1,070.83
B. O. 7620	" " "			14.5c.	1,174.50
B. O. 7620	" " "		Sept. 1, 1909	14.5c.	69.02
	Newark Meadows Imp. Co.	Oct. 9, 1909	Oct. 11, 1909	39c.	595.14
B. O. 7620	Taylor Dredging Co.	Aug. 2, 1909		14.5c.	942.94
B. O. 7620	" " "		Sept. 13, 1909	14.5c.	214.02
B. O. 7620	" " "	Sept. 11, 1909	Sept. 11, 1909	14.5c.	216.78
B. O. 7268	" " "	April 24, 1909	April 24, 1909	14.5c.	103.39
B. O. 7140	" " "	March 8, 1909	March 15, 1909	14.5c.	2,058.42
B. O. 7173	" " "	Mar. 16, 1909	Mar. 17, 1909	14.5c.	113.39
B. O. 6347	" " "	Feb. 18, 1909	Feb. 24, 1909	14.5c.	979.48
B. O. 7061	" " "	Mar. 1, 1909	Mar. 2, 1909	14.5c.	763.86
B. O. 7503	" " "	July 13, 1909	July 17, 1909	14.5c.	591.17
B. O. 6929	" " "	Feb. 26, 1909		14.5c.	591.02
B. O. 6929	" " "		Mar. 20, 1909	14.5c.	856.37
B. O. 7369	" " "	May 20, 1909		14.5c.	1,418.97
B. O. 7369	" " "			14.5c.	1,384.90
B. O. 7369	" " "			14.5c.	271.30
B. O. 7369	" " "			14.5c.	1,418.97
B. O. 7369	" " "			14.5c.	1,384.90
B. O. 7369	" " "		July 21, 1909	14.5c.	271.44
B. O. 7940	Henry Du Bois Sons Co.	Dec. 8, 1909		14c.	173.74
B. O. 7940	" " " " "			14c.	291.34
B. O. 7940	" " " " "			14c.	2,703.12
B. O. 7940	" " " " "			14c.	2,933.56
B. O. 7940	" " " " "			14c.	2,101.26
B. O. 7940	" " " " "			14c.	2,686.74
B. O. 7940	" " " " "			14c.	2,415.14
B. O. 7940	" " " " "			14c.	1,063.58
B. O. 7940	" " " " "			14c.	2,548.14
B. O. 7075	Taylor Dredging Co.	Feb. 22, 1909		14.5c.	916.69
B. O. 7075	" " "		Mar. 23, 1909	14.5c.	982.96
B. O. 7487	" " "	July 3, 1909		14.5c.	2,392.36
B. O. 7487	" " "		Aug. 9, 1909	14.5c.	679.62

## DREDGING DONE BY THE DEPARTMENT OF DOCKS AND FERRIES

LOCATION	MONTH	MUD Cu. Yds.	CRIB Cu. Yds.	MISC. Cu. Yds.	DEPTH M. L. W.	CON. NO. OR O. No.
Pier 77, No. Side, 37th st., N. R.	March	5,312			17'	Con. 1 154
" 39th st., So. Side, N. R.	June	6,570			17'	" 1,154
" 39th st., So. Side, N. R.	Nov.	714			16'	" 1,198
" 40th st., So. Side, N. R.	May	2,919			16'	" 1,154
" 46th st., No. Side, N. R.	May	14,809			20'	" 1,154
•Dump, 47th st., So. Side, D. S. C., N. R.	Dec.	2,110			23'	" 1,198
Bhd. 54th-55th sts., N. R.	Jan.	2,537			16'	" 1,115
" 79th-80th sts., N. R.	March	649			15'	" 1,154
" 79th-80th sts., N. R.	June	2,026			15'	" 1,154
" 80th-81st sts., N. R.	June	5,263			19'	" 1,154
•Dump, 97th st., N. R.	March	917			19'	" 1,154
+110th st., Hudson Fulton Mem., N. R.	June	8,666			21'	" 1,154
+110th st., Hudson Fulton Mem., N. R.	July	665			21'	" 1,154
•Dump, 134th st., D. S. C., N. R.	March	917			22'	" 1,154
Pier 4, E. Side, E. R.	Feb.	5,072			12.5'	" 1,111
" 5, W. Side, E. R.	Feb.	5,073			12.5'	" 1,111
" 5, E. Side, E. R.	Feb.	3,884			12.5'	" 1,111
" 6, W. Side, E. R.	Feb.	3,885			12.5'	" 1,111
" 16, W. Side, E. R.	Jan.	5,450			28'	" 1,111
James Slip Sec., Pier 26, W. Side, E. R.	Oct.			3,209	25-30	" 1,141
" " " " 26, W. Side, E. R.	Oct.	9,604			25-30	" 1,188
" " " " 26, W. Side, E. R.	Nov.	1,830			25-30	" 1,188
" " " B. W. A. Oliver st., E. R.	Oct.	2,206			25-30	" 1,188
" " " B. W. A. Oliver st., E. R.	Nov.			1,019	25-30	" 1,193
•Dump, Clinton st., D. S. C., E. R.	Oct.	1,392			25'	" 1,188
Pier old 54, Jackson st., E. Side, E. R.	Dec.	1,381			15'	" 1,188
•Dump, Stanton st, E. R.	Oct.	1,439			19'	" 1,188
Pier, 11th st., No. Side, E. R.	May	896			15'	" 1,111
Bhd, 11th and 12th sts., E. R.	May	270			15'	" 1,111
Pier 12th st., So. Side, E. R.	May	896			15'	" 1,111
" 12th st., No. Side, E. R.	May	923			15'	" 1,111
•Dump, 30th st., D. S. C., E. R.	Jan.	8,450			20-25'	" 1,111
Dump, 46th st., D. S. C., E. R.	Jan.	1,449			21'	" 1,111
Bhd., 54th st., E. R.	Dec.	29			8-12'	" 1,188
Bhd., So. 62d st., E. R.	May	559			13'	" 1,111

## DURING THE YEAR ENDING DECEMBER 31, 1909.

AUTHORIZATION	BY WHOM PERFORMED	BEGUN	FINISHED	PRICE	AMOUNT
B. O. 6937	Taylor Dredging Co.	Mar. 20, 1909	Mar. 25, 1909	14.5c.	\$770.24
B. O. 7375	" " "	June 9, 1909	June 12, 1909	14.5c.	952.65
B. O. 7924	Henry Du Bois Sons' Co.	Nov. 30, 1909	Nov. 30, 1909	14c.	99.96
B. O. 7342	Taylor Dredging Co.	May 12, 1909	May 13, 1909	14.5c.	423.26
B. O. 7276	" " "	May 3, 1909	May 11, 1909	14.5c.	2,147.31
B. O. 7761	Henry Du Bois Sons' Co.	Dec. 1, 1909	Dec. 2, 1909	14c.	295.40
B. O. 6938	" " " " "	Jan. 5, 1909	Jan. 6, 1909	14.8c.	375.48
B. O. 7165	Taylor Dredging Co.	Mar. 17, 1909	Mar. 17, 1909	14.5c.	94.11
B. O. 7424	" " "	June 14, 1909	June 15, 1909	14.5c.	293.77
B. O. 7425	" " "	June 15, 1909	June 17, 1909	14.5c.	763.14
B. O. 7155	" " "	Mar. 15, 1909	Mar. 16, 1909	14.5c.	132.97
B. O. 7396	" " "	June 22, 1909		14.5c.	1,255.12
B. O. 7396	" " "		July 1, 1909	14.5c.	96.43
B. O. 7129	" " "	Mar. 13, 1909	Mar. 13, 1909	14.5c.	132.97
B. O. 7065	R. G. Packard Co.	Feb. 15, 1909		20½c.	1,053.85
B. O. 7065	" " "		Feb. 22, 1909	20½c.	1,054.06
B. O. 7052	" " "	Feb. 5, 1909		20½c.	807.01
B. O. 7052	" " "		Feb. 10, 1909	20½c.	807.22
B. O. 7017	" " "	Jan. 21, 1909	Jan. 23, 1909	20½c.	1,132.39
B. O. 5191	" " "	Sept. 3, 1907		56c.	1,797.04
B. O. 5191	Newark Meadows Imp Co			19c.	1,824.76
B. O. 5191	" " " "			19c.	347.70
B. O. 5191	" " " "			19c.	419.14
B. O. 5191	" " " "			39c.	397.41
B. O. 7850	" " " "	Oct. 23, 1909	Oct. 25, 1909	19c.	264.48
B. O. 7957	" " " "	Dec. 29, 1909	Dec. 31, 1909	19c.	262.39
B. O. 7350	" " " "	Oct. 28, 1909	Oct. 29, 1909	19c.	273.41
B. O. 7278	R. G. Packard Co	May 5, 1909		20 7-9c.	186.17
B. O. 7278	" " "			20 7-9c.	56.10
B. O. 7278	" " "			20 7-9c.	186.17
B. O. 7278	" " "		May 8, 1909	20 7-9c.	191.78
B. O. 6943	" " " "	Jan. 6, 1909	Jan. 13, 1909	20 7-9c.	1,755.72
B. O. 6942	" " " "	Jan. 15, 1909	Jan. 15, 1909	20 7-9c.	301.07
B. O. 7958	Newark Meadows Imp. Co.	Dec. 28, 1909	Dec. 28, 1909	19c.	5.51
B. O. 7238	R. G. Packard Co.	May 8, 1909	May 8, 1909	20 7-9c.	116.15

DREDGING DONE BY THE DEPARTMENT OF DOCKS AND FERRIES

LOCATION	MONTH	MUD CU. YDS.	CRIB CU. YDS.	MISC. CU. YDS.	DEPTH M. L. W.	CON. No. OR O. No.
B. W. A., 73rd st., E. R.	April			415		Con. 1,141
B. W. A., 79th st., E. R.	June			1,157	9-22'	" 1,141
•Dump, 80th st., D. S. C., E-R	Jan.	772			16'	" 1,111
•Dump, 80th st., D. S. C., E. R.	Oct.	735			11-16'	" 1,188
Platform, Classon Point, E. R.	June	6,390			12'	" 1,111
•Dump, 107th st., D. S. C., H. R.	Jan.	2,785			20'	" 1,111
•Dump, 107th st., D. S. C., H. R.	June	2,627			24'	" 1,111
Pier 110th st., So. Side, H. R.	Dec.	1,526			17'	" 1,188
" 110th st., No. Side, H. R.	Dec.	3,464			17'	" 1,188
" 117th st., No. Side, H. R.	May	864			12'	" 1,111
" 119th st., So. Side, H. R.	Dec.	1,227			16.5'	" 1,188
•Dump, 139th st., D. S. C., H. R.	June	2,214			19'	" 1,111
Slip, 140th st., H. R.	June	5,596			16'	" 1,111
•Dump, Lincoln ave., D. S. C., H. R.	Jan.	1,150			17.5'	" 1,111
Pier 52d st., No. Side, Bklyn.	July			1,048	11'	" 1,141
" 52d st., No. Side, Bklyn.	Aug.			1,044	11'	" 1,141
" 52d st., So. Side, Bklyn.	Oct.	2,363			16'	" 1,188
Gowanus Sec., 28th to 36th sts., Bklyn.	Jan.			454,270	35'	" 1,148
" " 28th to 36th sts., Bklyn.	Feb.			300,244	35'	" 1,148
" " 28th to 36th sts., Bklyn.	March			279,860	35'	" 1,148
" " 28th to 36th sts., Bklyn.	April			183,578	15-35'	" 1,148
" " 28th to 36th sts., Bklyn.	May			225,743	15-35'	" 1,148
" " 28th to 36th sts., Bklyn.	June			258,383	15-35'	" 1,148
" " 28th to 36th sts., Bklyn.	July			265,378	15-35'	" 1,148
" " 28th to 36th sts., Bklyn.	Aug.			132,503	15-35'	" 1,148
" " 28th to 36th sts., Bklyn.	Oct.			31,497	15-35'	" 1,148
Whale Creek, Newtown Creek, Bklyn.	July			12,773	18'	" 1,025
" " " " "	Aug.			55,352	18'	" 1,025
" " " " "	Sept.			63,569	18'	" 1,025
" " " " "	Oct.			94,350	18'	" 1,025
" " " " "	Nov.			66,779	18'	" 1,025
" " " " "	Dec.			68,286	18'	" 1,025
Jamaica ave., Queens	April	866			17'	" 1,111
" " Queens	May	1,493			17'	" 1,111
" " Queens	May			10,981	17'	" 1,141
" " Queens	June			3,664	17'	" 1,141

DURING THE YEAR ENDING DECEMBER 31, 1909.

AUTHORIZATION	BY WHOM PERFORMED	BEGUN	FINISHED	PRICE	AMOUNT
O. 8956	R. G. Packard Co.	April 1, 1909	April [6, 1909	56c.	\$232.40
O. 9162	" " "	June 12, 1909	June 23, 1909	56c.	647.92
B. O. 6783	" " "	Jan. 5, 1909	Jan. 5, 1909	20 7-9c.	160.40
B. O. 7349	Newark Meadows Imp. Co.	Oct. 26, 1909	Oct. 27, 1909	19c.	139.65
B. O. 7448	R. G. Packard Co.	June 23, 1909	June 29, 1909	20 7-9c.	1,327.70
B. O. 6830	" " "	Dec 31, 1908	Jan. 4, 1909	20 7-9c.	578.66
B. O. 7414	" " "	June 8, 1909	June 10, 1909	20 7-9c.	545.83
B. O. 7973	Newark Meadows Imp. Co	Dec. 22, 1909	Dec. 24, 1909	19c.	289.94
B. O. 7973	" " " "	Dec. 16, 1909	Dec. 20, 1909	19c.	658.16
B. O. 7106	R. G. Packard Co.	May 4, 1909	May 4, 1909	20 7-9c.	179.52
B. O. 7975	Newark Meadows Imp. Co	Dec. 15, 1909	Dec. 15, 1909	19c.	233.31
B. O. 7351	R. G. Packard Co.	June 21, 1909	June 22, 1909	20 7-9c.	460.02
B. O. 7385	" " "	June 15, 1909	June 16, 1909	20 7-9c.	1,162.72
B. O. 6941	" " "	Jan. 16, 1909	Jan. 18, 1909	20 7-9c.	238.94
B. O. 7407	" " "	July 6, 1909		56c.	586.88
B. O. 7407	" " "		Aug. 16, 1909	56c.	584.64
B. O. 7587	Newark Meadows Imp. Co	Oct. 19, 1909	Oct. 21, 1909	19c.	448.97
	Morris & Cumings Drg. Co	Oct. 1, 1908		46 8c.	212,598.36
	" " "			46 8c.	140,514.19
	" " "			46 8c.	130,974.45
	" " "	Oct. 1, 1908		46 8c.	85,914.50
	" " "			46 8c.	105,647.72
	" " "			46 8c.	120,923.24
	" " "			46 8c.	124,196.90
	" " "			46 8c.	62,011.40
	" " "		Oct. 25, 1909	46 8c.	14,740.60
	Wm. H. Beard Drg. Co.	July 20, 1909		18 1/2c.	2,331.07
	" " "			18 1/2c.	10,101.74
	" " "			18 1/2c.	11,601.34
	" " "			18 1/2c.	17,218.88
	" " "			18 1/2c.	12,187.17
	" " "			18 1/2c.	12,462.20
B. O. 7051	R. G. Packard Co.	April 29, 1909		20 7-9c.	179.94
B. O. 7051	" " "		May 3, 1909	20 7-9c.	310.21
B. O. 7051	" " "	May 6, 1909		56c.	6,149.36
B. O. 7051	" " "		June 5, 1909	56c.	2,051.84



## DREDGING DONE BY THE DEPARTMENT OF DOCKS AND

LOCATION	MONTH	MUD CU. YDS.	CRIB CU. YDS.	MISC. CU. YDS.	DEPTH M. L. W.	CON. No. OR O. No.
Nott ave., 13th st. (Timber Basin), Queens	Nov.....	5,088	.....	.....	7-10'	Con. 1,188..
" " " "	Dec.....	1,669	.....	.....	7-10'	" 1,188..
Bhd., West ave. Queens.....	Oct.....	536	.....	.....	9'	" 1,188..
Approach Ferry Term. St. George, S. I...	April....	3,580	.....	.....	12'	" 1,111..
" " " St. George, S. I...	April....	.....	.....	3,074	14'	" 1,141..
" " " St. George, S. I...	May.....	.....	.....	1,658	14'	" 1,141..
Ferry Slip, Stapleton, S. I.....	May.....	5,333	.....	.....	22'	" 1,111..
		432,459		2,521,360		

● Dredging for Department of Street Cleaning.

+ Dredging for Hudson Fulton Memorial Com.

## FERRIES DURING THE YEAR ENDING DECEMBER 31, 1909.

AUTHORIZATION	BY WHOM PERFORMED	BEGUN	FINISHED	PRICE	AMOUNT
B. O. 7883.....	NewarkMeadows Imp.Co	Nov. 19, 1909	.....	19c.	\$966.72
B. O. 7883.....	" " "	.....	Dec. 7, 1909	19c.	317.11
B. O. 7481.....	" " "	Oct. 30, 1909	Oct. 30, 1909	19c.	101.84
O. 8976.....	R. G. Packard Co.....	April 8, 1909	April 13, 1909	20 7-9c.	743.84
O. 8976.....	" " " .....	April 20, 1909	.....	56c.	1,721.44
O. 8976.....	" " " .....	.....	May 5, 1909	56c.	928.48
B. O. 7380.....	" " " .....	May 21, 1909	May 26, 1909	20 7-9c.	1,108.08
					\$1,147,187.27

Total Dredging.....2,953,819 cu. yds.

## WORK SUPERVISED.

WORK DONE, OTHER THAN DREDGING, BY ALLEGED OWNERS AND LESSEES OF PIERS AND OTHERS BY ORDER OR UNDER PERMIT OF THE COMMISSIONER OF DOCKS AND UNDER THE SUPERVISION OF THE CHIEF ENGINEER.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7016	Along North River....	Repairs to water front property, B. & O. R. R. Co.....	Jan. 19, 1909	Dec. 31, 1909	.....
7010	Along North River....	General repairs to water front property, Central R. R. of N. J.	Jan. 15, 1909	Dec. 31, 1909	.....
6850	Water-front, North River.....	General repairs to property, D., L. & W. R.R. Co.....	Jan. 2, 1909	Dec. 31, 1909	.....
7040	Water-front, North River.....	Repairs to property, Erie R. R. Co.....	Jan. 25, 1909	Dec. 31, 1909	.....
6998	Water-front, North River.....	General repairs to property, Lehigh Valley R. R. Co.....	Jan. 14, 1909	Dec. 31, 1909	.....
6865	Water-front, North River.....	General Repairs to property, N. Y. C. & H. R. R. R. Co.....	Jan. 2, 1909	Dec. 31, 1909	.....
6860	Water-front, North River.....	General repairs to property, Penn. R. R. Co.....	Jan. 2, 1909	Dec. 31, 1909	.....
6958	Water-front, North River.....	General repairs to property, New England Nav. Co.....	Jan. 2, 1909	Dec. 31, 1909	.....
7000	Water-front, North River.....	General Repairs to property, Southern Pacific Co.....	Jan. 14, 1909	Dec. 31, 1909	.....
7033	Along North River....	Openings to make subway connections, Con. Tel. & El. Sub. Co.	Jan. 23, 1909	Dec. 31, 1909	.....
7411	Along North River....	Repairs to car tracks, Met. St. Ry. Co.....	June 3, 1909	Dec. 31, 1909	.....
7737	North River.....	Placing floats and stands, Hudson-Fulton Celebration.....	Sept. 25, 1909	Oct. 9, 1909	.....
7762	North River.....	Placing of floats and stands Hudson-Fulton Celebration.....	Sept. 20, 1909	Oct. 14, 1909	.....
7767	North River.....	Placing of floats and stands.....	Sept. 25, 1909	Oct. 9, 1909	.....
6946	Marginal street, North River.....	Taking up and relaying asphalt and granite pavement, Con. Gas. Co. of N. Y.....	Jan. 16, 1909	Dec. 31, 1909	.....
6976	Marginal street, North River.....	General repairs to car tracks, Third Ave R. R. Co., the Dry Dock, E. B'way & Battery R. R. Co., & 42d St., Manhattanville & St. Nicholas Ave. R. R. Co.....	Jan. 9, 1909	Dec. 31, 1909	.....
7003	Marginal street, North River.....	Take up pavement, Dept. W. S., G. & E.....	Jan. 14, 1909	Dec. 31, 1909	.....
7585	West Battery Landing	Make repairs, N. Y. Excursion Co.....	July 26, 1909	July 26, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7304	Battery Sea Wall.....	Repairs to bath platform where damaged by Tug "Nyack," Erie R. R. Co.....	April 26, 1909	May 1, 1909	.....
7669	Fire Boat Landing, Battery Park.....	Fire Department, Constructing additional story.....	Oct. 18, 1909	Dec. 23, 1909	.....
7377	Piers new 1 and old 1, N. R.....	Placing of a platform, scale sunk to street level at bulkhead, Meade Transfer Co.....	July 19, 1909	Aug. 5, 1909	.....
7703	Pier new 1, N. R.....	General repairs to pier and shed, United Fruit Co.....	April 26, 1909	In progress	.....
6860	Pier old 1, N. R.....	Painting pier shed, Penn. R. R....	Sept. 4, 1909	Dec. 31, 1909	.....
6860	Pier old 1, N. R.....	Repairs to fender piles, Penn. R. R....	Jan. 30, 1909	Dec. 31, 1909	.....
7774	Piers old 1, 4, 5, N. R.	Erection of stands, Hudson-Fulton Celebration, Penn. R. R. Co.....	Sept. 23, 1909	Oct. 5, 1909	.....
6998	Pier old 2, N. R.....	Repairs to platform, Penn. R. R....	Nov. 27, 1909	Dec. 31, 1909	.....
6998	Pier 3, N. R.....	Repairs to platform, Penn. R. R....	Jan. 30, 1909	Dec. 31, 1909	.....
6998	Pier 3, N. R.....	Repairs to pier, Penn. R. R.....	June 26, 1909	Dec. 31, 1909	.....
7492	Pier 3, N. R.....	Repairs to fendering at outer end of pier, Lehigh Valley R. R. Co.	June 23, 1909	July 2, 1909	.....
6860	Pier old 4, N. R.....	Painting bulkhead shed, Penn. R. R.....	Sept. 11, 1909	Dec. 31, 1909	.....
6860	Pier old 5, N. R.....	Painting bulkhead shed, Penn. R. R.....	Sept. 18, 1909	Dec. 31, 1909	.....
6860	Pier 5, N. R.....	Repairs to shed, Penn. R. R.....	Aug. 28, 1909	Dec. 31, 1909	.....
7010	Pier old 8, N. R.....	Repairs to substructure, Central R. R. of N. J.....	Mar. 13, 1909	Dec. 31, 1909	.....
7025	Pier old 8, N. R.....	Necessary repairs, Central R. R. of N. J.....	Jan. 25, 1909	Sept. 22, 1909	.....
6958	Pier old 9, N. R.....	General Repairs, New England Nav. Co.....	Mar. 27, 1909	Dec. 31, 1909	.....
7081	Pier old 9, N. R.....	Necessary repairs, New England Nav. Co. and Cruikshank Co....	Mar. 11, 1909	May 12, 1909	.....
6958	Pier old 10, N. R.....	Repairs, New England Nav. Co.	Mar. 27, 1909	Dec. 31, 1909	.....
6958	Pier old 10, N. R.....	Repairs to pier, New England Nav. Co.....	Mar. 6, 1909	Dec. 31, 1909	.....
6958	Pier old 11, N. R.....	Repairs to pier, New England Nav. Co.....	Sept. 25, 1909	Dec. 31, 1909	.....
7058	Pier old 11, N. R.....	Repairs to sub- and superstructures, New England Nav. Co. & Cruikshank Co.....	Mar. 11, 1909	May 11, 1909	.....
7010	Pier 10, N. R.....	Repairs to pier, Central R. R. of N. J.....	Feb. 6, 1909	Dec. 31, 1909	.....
7073	Pier 10, N. R.....	Erection of oil house and sawdust bin, Central R. R. of N. J.....	Feb. 9, 1909	May 3, 1909	.....
7742	Pier new 10, N. R.....	Driving of piles, Hudson-Fulton Celebration, Central R. R. of N. J.....	Sept. 22, 1909	Oct. 4, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7034	Approach Pier 11, N. R.	Taking up granite pavement to build sub-connection N. Y. Edison Co.....	Jan. 25, 1909	Jan. 30, 1909	.....
919	Pier old 14, N. R. ....	Construction, bulkhead wall, Central R. R. of N. J. ....	April 1, 1907	June 15, 1909	.....
6398	Piers 14 and 15, N. R.	Repairs and painting sheds, Inter. Mer. Marine Co.....	Aug. 27, 1908	May 3, 1909	.....
6754	Liberty St., N. R. ....	Erection overhead foot bridge, Central R. R. of N. J. ....	Oct. 30, 1908	Sept. 2, 1909	.....
6879	Liberty St., N. R. ....	Laying water main, etc., Central R. R. of N. J. ....	Dec. 14, 1908	Jan. 25, 1909	.....
6501	Cortlandt St., N. R. ....	Removal of railroad tracks, Fulton St. R. R. Co. (Gilbert H. Montague, Receiver).....	Returned, Jan. 27, 1909	Superseded by B. O. 7002.	
6860	Cortlandt St., N. R. ....	Painting ferry structure, Penn. R. R. ....	Sept. 25, 1909	Dec. 31, 1909	.....
6860	Cortlandt St., N. R. ....	Painting overhead bridge, Penn. R. R. ....	Sept. 11, 1909	Dec. 31, 1909	.....
6860	Cortlandt St., N. R. ....	Repairs to ferry rack, Penn. R. R.	Mar. 6, 1909	Dec. 31, 1909	.....
6713	Approach Pier 13, N. R. ....	Taking up pavement, etc., D., L. & W. R. R. Co. ....	Oct. 22, 1908	April 3, 1909	.....
6652	Pier 13, N. R. ....	Repairs to roof of shed, J. H. Starin.....	Dec. 27, 1909	Dec. 31, 1909	.....
6850	Pier 13, N. R. ....	Repairs bulkhead platform, D., L. & W. R. R. ....	Jan. 2, 1909	Dec. 31, 1909	.....
6850	Pier 13, N. R. ....	Repairs to pier, D., L. & W. R. R.	Mar. 27, 1909	Dec. 31, 1909	.....
6850	Pier 13, N. R. ....	Repairs to fender system, D., L. & W. R. R. ....	April 3, 1909	Dec. 31, 1909	.....
6860	Pier old 16, N. R. ....	Repairs to dock and sheathing, Penn. R. R. ....	Mar. 00, 1909	Dec. 31, 1909	.....
6865	Pier 16, N. R. ....	Repairs to bulkhead shed, N. Y. C. & H. R. R. R. ....	Nov. 13, 1909	Dec. 31, 1909	.....
6865	Pier 16, N. R. ....	Repairs to fender system, N. Y. C. & H. R. R. R. ....	Jan. 2, 1909	Dec. 31, 1909	.....
6850	Barclay St. ....	Repair ferry rack, D., L. & W. R. R. ....	Oct. 9, 1909	Dec. 31, 1909	.....
6850	Barclay Street. ....	Painting ferry structure, D., L. & W. R. R. ....	July 17, 1909	Dec. 31, 1909	.....
6865	Pier 17, N. R. ....	Repairs to pier, N. Y. C. & H. R. R. R. ....	Jan. 23, 1909	Dec. 31, 1909	.....
6865	Pier 17, N. R. ....	Repairs to bulkhead shed, N. Y. C. & H. R. R. R. ....	Sept. 25, 1909	Dec. 31, 1909	.....
6958	Pier 18, N. R. ....	Repairs to pier, New England Nav. Co. ....	Nov. 27, 1909	Dec. 31, 1909	.....
6958	Piers 18-19, N. R. ....	Repaired pier shed, New England Nav. Co. ....	Aug. 21, 1909	Dec. 31, 1909	.....
7778	Piers 18-19, N. R. ....	Erection of stands, Hudson-Fulton Celebration, New England Nav. Co. ....	Sept. 23, 1909	Oct. 2, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6551	Pier 19, N. R. ....	Repairs to sewer in front of pier, New England Nav. Co. ....	Aug. 10, 1908	April 2, 1909	.....
6946	Piers 19-20, N. R. ....	Taking up and relaying asphalt and granite pavement, Con. Gas Co. ....	Aug. 21, 1909	Dec. 31, 1909	.....
7040	Chambers St., N. R. ....	Repairs to ferry rack, Erie R.R. Co. ....	July 10, 1909	Dec. 31, 1909	.....
7411	Chambers St., N. R. ....	Removing unused car tracks, Met. St. Ry. Co. ....	June 19, 1909	Dec. 31, 1909	.....
7040	Pier 20, N. R. ....	Repairs to pier, Erie R. R. Co. ....	Aug. 7, 1909	Dec. 31, 1909	.....
7040	Pier 20, N. R. ....	Painting shed, Erie R. R. Co. ....	July 10, 1909	Dec. 31, 1909	.....
6146	Piers 20 and 21, N. R.	Repairs to pier, Erie R. R. Co. ....	May 18, 1908	In progress...	.....
6568	Piers 20-21, N. R. ....	Construction of an 8-inch hollow tile fire wall, Erie R. R. Co. ....	Sept. 26, 1908	Mar. 1, 1909	.....
7040	Piers 20 and 21, N. R.	Repairs to bulkhead platform, Erie R. R. Co. ....	Jan. 30, 1909	Dec. 31, 1909	.....
6993	Pier 21, N. R. ....	Erection of a temporary structure, Public Service Comm. ....	Jan. 15, 1909	July 3, 1909	.....
7386	Pier 21, N. R. ....	Repairs, Erie R. R. Co. ....	May 18, 1909	May 29, 1909	.....
6067	Duane St., N. R. ....	Sever connections at bulkhead, Public Service Commission. ....	Jan. 8, 1909	Oct. 18, 1909	.....
7016	Pier 22, N. R. ....	Repairs to pier, B. & O. R. R. Co.	April 10, 1909	Dec. 31, 1909	.....
7016	Pier 22, N. R. ....	Replacing scales, B. & O. R. R. Co. ....	Aug 21, 1909	Dec. 31, 1909	.....
7016	Pier 22, N. R. ....	Painting shed on pier, B. & O. R. R. Co. ....	Sept. 4, 1909	Dec. 31, 1909	.....
7016	Pier 22, N. R. ....	Painting bulkhead shed, B. & O. R. R. Co. ....	Sept. 18, 1909	Dec. 31, 1909	.....
6865	Pier 23, N. R. ....	Repairing Fender Piles, N. Y. C. & H. R. R. R. ....	Feb. 20, 1909	Dec. 31, 1909	.....
6946	Pier 24, N. R. ....	Taking up and relaying asphalt and granite pavement, Con. Gas. Co. ....	Nov. 6, 1909	Dec. 31, 1909	.....
6984	Pier 24, N. R. ....	General repairs, Central Hudson S. B. Co. ....	Jan. 11, 1909	Dec. 31, 1909	.....
6984	Pier 24, N. R. ....	Repairs to pier, Central Hudson S. B. Co. ....	April 10, 1909	Dec. 31, 1909	.....
6984	Pier 24, N. R. ....	Repairing approach to pier, Central Hudson S. B. Co. ....	Sept. 11, 1909	Dec. 31, 1909	.....
7039	Appch. Pier 24, N. R.	Opening asphalt pavement to repair Croton water pipe, Central Hudson S. B. Co. ....	Jan. 26, 1909	April 2, 1909	.....
7804	Pier 24, N. R. ....	Placing office, N. R. S. B. Co. ....	Oct. 11, 1909	Oct. 12, 1909	.....
7650	Between piers 24 and 25, N. R. ....	Repairs to planking in front of ice bridge at bulkhead, American Ice Co. ....	Aug. 8, 1909	Aug. 12, 1909	.....
3086	Pier New 25, N. R. ....	Enlarge ticket office and waiting room, Southern Pacific Co. ....	Not begun...	Ret. Feb. 15, 1909	.....
7000	Pier 25, N. R. ....	Repairs to pier, Southern Pacific Co. ....	Jan. 16, 1909	Dec. 31, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7000	Pier 25, N. R.	Repairs to pier, Southern Pacific Co.	Sept. 18, 1909	Dec. 31, 1909	
7016	Pier 26, N. R.	Painting transfer bridge, B. & O. R. R. Co.	Nov. 13, 1909	Dec. 31, 1909	
7027	Pier 26, N. R.	Repairs to water front property, Old Dominion S. S. Co.	Jan. 20, 1909	Dec. 31, 1909	
7027	Pier 26, N. R.	Repairs to pier, Old Dominion S. S. Co.	Feb. 27, 1909	Dec. 31, 1909	
7027	Pier 26, N. R.	Repairs to pier shed, Old Dominion S. S. Co.	Sept. 4, 1909	Dec. 31, 1909	
7027	Pier 26, N. R.	Painting pier shed, Old Dominion S. S. Co.	Sept. 4, 1909	Dec. 31, 1909	
7027	Pier 26, N. R.	Painting bulkhead shed, Old Dominion S. S. Co.	Oct. 3, 1909	Dec. 31, 1909	
6860	Pier 27, N. R.	Painting pier shed, Penn. R.R.	Sept. 25, 1909	Dec. 31, 1909	
7003	So. of Pier 27, N. R.	Remove hydrant Dept. W., S., G. and E.	July 31, 1909	Dec. 31, 1909	
6860	Piers 27 and 28, N. R.	Repairs to shed and fender system, Penn. R. R.	Jan. 2, 1909	Dec. 31, 1909	
6912	Piers 27 and 28, N. R.	Placing tar kettle, Penn. R. R.	Dec. 21, 1908	Jan. 12, 1909	
6860	Pier 28, N. R.	Repairs to shed and pier, Penn. R. R.	Oct. 16, 1909	Dec. 31, 1909	
6860	Pier 28, N. R.	Painting pier shed, Penn. R. R.	Sept. 25, 1909	Dec. 31, 1909	
7773	Pier 28, N. R.	Erection of stand, Hudson-Fulton Celebration, Penn. R.R.	Sept. 23, 1909	Sept. 27, 1909	
6860	Pier 29, N. R.	Painting Pier shed, Penn. R. R.	Sept. 25, 1909	Dec. 31, 1909	
6860	Pier 29, N. R.	Repairs to pier, Penn. R. R.	Mar. 27, 1909	Dec. 31, 1909	
6860	Pier 29, N. R.	Repairs to pier, Penn. R. R.	Oct. 16, 1909	Dec. 31, 1909	
6860	Pier 29, N. R.	Repairs to pier shed, Penn. R. R.	Sept. 4, 1909	Dec. 31, 1909	
6860	Desbrosses St., N. R.	Repairs to ferry rack, Penn. R. R.	Mar. 13, 1909	Dec. 31, 1909	
6976	Desbrosses St., N. R.	Repairs to track, 3rd Ave. R. R. Co.	Nov. 6, 1909	Dec. 31, 1909	
7526	Between Desbrosses and Watt Sts.	Repairs to asphalt pavement on marginal street area between car tracks, Rec'r Met. St. Ry. Co.	July 2, 1909	July 2, 1909	
7057	Pier 30, N. R.	Repairs to shed, Albany Day Line.	Aug. 21, 1909	Dec. 31, 1909	
6865	Pier 31, N. R.	Repairs to fender system, N. Y. C. & H. R. R. R.	Oct. 16, 1909	Dec. 31, 1909	
7420	Pier 31, N. R.	Changes in shed, N. Y. C. & H. R. R. Co.	Sept. 7, 1909	In progress...	
7650	Pier 31, N. R.	Alterations in shed, N. Y. C. & H. R. R. R. Co.	Oct. 11, 1909	In progress...	
7033	Watts St., N. R.	Repairs to pipe, Con. Tel. & El. Sub. Co.	Sept. 18, 1909	Dec. 31, 1909	
7858	Between Piers 31 and 32, N. R.	Placing awning shed, Met. St. Ry. Co.	May 26, 1909	May 29, 1909	

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7010	Pier 32, N. R.	Repairs to fender piles, C. R. R. of N. J.	Mar. 13, 1909	Dec. 31, 1909	
5258	Canal St., N. R.	Repairs to pier and dump, Brown & Fleming Con. Co.	May 30, 1909	Suspended Nov. 27, 1909	
6084	Canal St., N. R.	Repairing portion of pier, Brown & Fleming Con. Co.	May 30, 1909	Suspended Nov. 27, 1909	
6650	Canal St., N. R.	Repairing leak in hydrant, Dept. W., S., G. and E.	Sept. 24, 1908	Feb. 10, 1909	
7842	Canal St., N. R.	Placing additional hopper, L. E. Muller.	Nov. 3, 1909	Nov. 24, 1909	
5874	Pier New 34, N. R.	Repairs to substructure, Southern Pacific Co., Super. by B. O. 7297			
7000	Pier 34, N. R.	Repairs to pier, Southern Pacific Co.	May 8, 1909	Dec. 31, 1909	
7009	Pier 35, N. R.	General repairs to pier, to adjoining half bulkheads and to sheds thereat, Ocean S.S. Co. of Sav.	Jan. 15, 1909	Dec. 31, 1909	
7009	Pier 35, N. R.	Repairs to pier, Savannah Line.	Jan. 22, 1909	Dec. 31, 1909	
7009	Pier 35, N. R.	Repairs to pier shed, Savannah Line.	July 31, 1909	Dec. 31, 1909	
7071	Pier 36, N. R.	Repairs to deck of pier, Clyde S. S. Co.	Mar. 6, 1909	Dec. 31, 1909	
7071	Pier 36, N. R.	Repairs to pier shed, Clyde S. S. Co.	July 31, 1909	Dec. 31, 1909	
7071	Pier 36, N. R.	Painting bulkhead shed, Clyde S. S. Co.	Oct. 16, 1909	Dec. 31, 1909	
7071	Piers 36 and 45, N. R.	General repairs, Clyde S. S. Co.	Feb. 9, 1909	Dec. 31, 1909	
7000	Pier 37, N. R.	Repairs to pier, Southern Pacific Co.	Aug. 21, 1909	Dec. 31, 1909	
7000	Pier 37, N. R.	Painting pier, Southern Pacific Co.	Nov. 6, 1909	Dec. 31, 1909	
6804	Piers 37 and 38, N. R.	Repairs to broken water main, Southern Pacific Co.	Nov. 23, 1908	Feb. 10, 1909	
7000	Pier 38, N. R.	Repairs to pier, Southern Pacific Co.	Nov. 6, 1909	Dec. 31, 1909	
7000	Pier 38, N. R.	Repairs to pier shed, Southern Pacific Co.	Nov. 6, 1909	Dec. 31, 1909	
6865	Piers 38 and 40, N. R.	Removing unused car tracks, N. Y. C. & H. R. R. R.	Feb. 13, 1909	Dec. 31, 1909	
7036	Pier 39, N. R.	Repairs to superstructure, Atlantic Transp. Co.	Nov. 9, 1909	In progress.	
6757	Pier 40, N. R.	Repairs to bulkhead platform, New England Nav. Co.	Jan. 13, 1909	Jan. 27, 1909	
6865	Pier 40, N. R.	Removing unused car tracks, N. Y. C. & H. R. R. R.	Feb. 20, 1909	Dec. 31, 1909	
6958	Pier 40, N. R.	General repairs, New England Nav. Co.	April 3, 1909	Dec. 31, 1909	
6958	Pier 40, N. R.	Repairing granite pavement, New England Nav. Co.	May 1, 1909	Dec. 31, 1909	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7672	Pier 40, N. R. ....	Constructing extension to office, New England Nav. Co. ....	Aug. 23, 1909	Dec. 24, 1909	.....
6850	Pier 41, N. R. ....	Repairs to bulkhead shed, D., L. & W. R. R. ....	July 17, 1909	Dec. 31, 1909	.....
6850	Pier 41, N. R. ....	Painting shed, D., L. & W. R. R.	Aug. 28, 1909	Dec. 31, 1909	.....
6850	Pier 41, N. R. ....	Repairs to pier, D., L. & W. R. R.	Feb. 20, 1909	Dec. 31, 1909	.....
7003	Pier 41, N. R. ....	Opening pavement to repair hy- drant, Dept. W. S., G. & E. ....	April 3, 1909	Dec. 31, 1909	.....
6972	Bulkhead south of Pier 42, N. R. ....	Location of shanty, Blake Con- struction Co. ....	Jan. 8, 1909	Jan. 16, 1909	.....
3728	Pier New 42, N. R. ....	Open pavement and repair water main, Compagnie Generale Transatlantique. ....	Nov. 11, 1905	April 6, 1909	.....
6946	Pier 42, N. R. ....	Opening pavement to repair main Con. Gas Co. ....	Jan. 16, 1909	Dec. 31, 1909	.....
7014	Pier New 42, N. R. ....	Erection hoisting apparatus, Wm. Farrell & Son. ....	Superseded by B. O. 7858	Returned Nov. 1, 1909	.....
7103	Pier 42, N. R. ....	Paving marginal street area, etc., Hudson Companies. ....	Mar. 30, 1909	April 6, 1909	.....
7119	Pier 42, N. R. ....	Laying asphalt pavement, Hud- son & Man. R. R. Co. ....	Mar. 30, 1909	April 6, 1909	.....
7139	Pier New 42, N. R. ....	Repairs to outer end where dam- aged by S. S. "La Savoie," Compagnie Generale Transat- lantique. ....	Mar. 8, 1909	Mar. 12, 1909	.....
6778	Morton St., N. R. ....	Remove frame, etc., Hudson Companies. ....	Nov. 16, 1908	Mar. 20, 1909	.....
6805	Morton St., N. R. ....	Installation tower, etc., Hudson & Man. R. R. ....	Feb. 15, 1909	April 6, 1909	.....
7318	Between Piers 42 and 43, N. R. ....	Placing of a float, Nicholas J. Cary. ....	May 10, 1909	May 12, 1909	.....
7390	Pier 43, N. R. ....	Repairs to outer bunch of piles, Catskill & N. Y. S. B. Co. ....	May 21, 1909	July 2, 1909	.....
7706	Barrow St., N. R. ....	Diver and outfit to recover body, etc. ....	Aug. 24, 1909	Aug. 27, 1909	.....
7103	South of Pier 43, N. R.	Paving marginal street, Hudson Companies. ....	Mar. 30, 1909	April 6, 1909	.....
6998	Pier 44, N. R. ....	Repairs to pier, Lehigh Valley R. R. Co. ....	July 17, 1909	Dec. 31, 1909	.....
6736	Christopher St., N. R.	Opening pavement, etc., D., L. & W. R. R. Co. ....	Oct. 27, 1908	Mar. 2, 1909	.....
6830	Christopher St., N. R.	Repairs to ferry structure, D., L. & W. R. R. ....	Jan. 23, 1909	Dec. 31, 1909	.....
6865	Between Piers 49 and 50, N. R. ....	Repairs to pavement, N. Y. C. & H. R. R. R. ....	Feb. 13, 1909	Dec. 31, 1909	.....
7411	Christopher St., N. R.	Repairs to pavement, Met. St. Ry. Co. ....	June 26, 1909	Dec. 31, 1909	.....



B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6363	Pier New 45, N. R.....	Repairs to pavement, N. Y. C. & H. R. R. R. Co.....	Superseded by B. O. 6451	Returned Jan. 27, 1909	
7071	Pier 45, N. R.....	Painting shed, Clyde S. S. Co.....	Nov. 13, 1909	Dec. 31, 1909	
7071	Pier 45, N. R.....	Repairs to pier, Clyde S. S. Co.....	July 7, 1909	Dec. 31, 1909	
7310	Pier 46, N. R.....	Changes in gangways, Hudson Navigation Co.....	April 28, 1909	May 15, 1909	
6994	Pier 47, N. R.....	General repairs, Quebec S. S. Co.	Jan. 13, 1909	Dec. 31, 1909	
7969	Approach Pier 47, N. R.	Placing mooring pots, Quebec S. S. Co.....	Dec. 20, 1909	Dec. 24, 1909	
7770	Pier 48, N. R.....	Erection of stand, Hudson-Fulton Celebration, White Star Line.....	Sept. 24, 1909	Oct. 4, 1909	
6999	Piers 48 and 49, N. R.	General repairs, White Star Line	Jan. 14, 1909	Dec. 31, 1909	
5987	Pier 49, N. R.....	Securing pier, piles, etc., White Star Line.....	May 26, 1909	May 29, 1909	
6999	Pier 49, N. R.....	Repairs to sheathing, White Star Line.....	Jan. 16, 1909	Dec. 31, 1909	
6711	Pier 50, N. R.....	Repairs to sheathing, etc., International Mer. Marine Company	Jan. 25, 1909	Jan. 30, 1909	
6711	Pier 50, N. R.....	Repairs to piers, Sanderson & Son	Jan. 30, 1909	Dec. 31, 1909	
7070	Pier 50, N. R.....	Repairs to bulkhead platform, Wilson Line.....	Feb. 13, 1909	Dec. 31, 1909	
7070	Pier 50, N. R.....	General repairs, Sanderson & Son	Feb. 9, 1909	Dec. 31, 1909	
7300	Pier 50, 14. R.....	Taking up and relaying tracks, N. Y. C. & H. R. R. R. Co.....	May 4, 1909	May 29, 1909	
7695	Pier 51, N. R.....	Repairs to fender piles, Cunard Steamship Co.....	Aug. 28, 1909	Dec. 31, 1909	
7695	Piers 51 and 52, N. R.	General Repairs, Cunard Steamship Co.....	Aug. 21, 1909	Dec. 31, 1909	
7219	Bulkhead Pier 52, N. R.....	Erection temporary tool house, P. McDonald.....	Mar. 26, 1909	Mar. 27, 1909	
5204	Gansevoort and West 30th Sts.....	Removal hydrant, etc., Dept. W. S., G. & E.....	May 22, 1907	April 3, 1909	
7108	Pier 53, N. R.....	Removal of shed maintained by the New York & Albany Transportation Co.....	Mar. 27, 1909	Mar. 29, 1909	
7011	13th Ave., in front of New Washington Market.....	Removal of three uprights, N. Y. Telephone Co.....	April 9, 1909	Suspended...	
6905	North of West 23d St.	Repairs to pavement, Receiver 28th & 29th Sts. Crosstown Line.....	June 4, 1909	July 2, 1909	
7776	Pier 64, N. R.....	Erection of Stand, Hudson-Fulton Celebration, Anchor Line..	Sept. 22, 1909	Sept. 30, 1909	
6860	West 24th St.....	Repairs to shed, Penn. R. R.....	Jan. 12, 1909	Dec. 31, 1909	
6860	West 24th St.....	Repairs to gangway, Penn. R. R.	Feb. 24, 1909	Dec. 31, 1909	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6860	West 24th St. ....	Painting ferry structure, Penn. R. R. ....	Sept. 20, 1909	Dec. 31, 1909	.....
6995	West 24th St. ....	General repairs, Anchor Line. ....	Jan. 13, 1909	Dec. 31, 1909	.....
6995	West 24th St. ....	Repairs to pier and shed, Anchor Line. ....	Mar. 29, 1909	Dec. 31, 1909	.....
6995	West 24th St. ....	Painting pier, Anchor Line. ....	July 22, 1909	Dec. 31, 1909	.....
7777	Pier 65, N. R. ....	Erection of stand, Hudson-Fulton Celebration, Hamburg-American Line. ....	Sept. 24, 1909	Sept. 27, 1909	.....
6850	West 25th St. ....	Repairs to pier, D., L. & W. R. R. ....	May 19, 1909	Dec. 31, 1909	.....
6962	West 25th St. ....	General repairs, Hamburg-American Line. ....	Jan. 6, 1909	Dec. 31, 1909	.....
6962	West 25th St. ....	Repairing sheathing and fender system, Hamburg-American Line. ....	Mar. 29, 1909	Dec. 31, 1909	.....
6962	West 25th St. ....	Painting pier and shed, Hamburg American Line. ....	Oct. 11, 1909	Dec. 31, 1909	.....
6996	Pier 66, N. R. ....	Placing of tar kettle, Lehigh Valley R. R. Co. ....	Jan. 14, 1909	Jan. 25, 1909	.....
6998	Pier 66, N. R. ....	Repairs to pier, Lehigh Valley R. R. Co. ....	Jan. 26, 1909	Dec. 31, 1909	.....
6998	Pier 66, N. R. ....	Painting pier shed, Lehigh Valley R. R. Co. ....	Nov. 27, 1909	Dec. 31, 1909	.....
7787	Pier 66, N. R. ....	Erection of stand, Hudson-Fulton Celebration, Lehigh Valley R. R. Co. ....	Sept. 24, 1909	Sept. 28, 1909	.....
6702	West 26th St. ....	Erection platform, Lehigh Valley R. R. Co. ....	Oct. 28, 1908	Mar. 15, 1909	.....
7016	West 26th St. ....	Repairs to transfer bridge, B. & O. R. R. Co. ....	Jan. 26, 1909	Dec. 31, 1909	.....
7038	West 27th St. ....	Repairs to pier, Panama R. R. Co. ....	Feb. 26, 1909	Dec. 31, 1909	.....
7038	West 27th St. ....	Painting pier, Panama R. R. Co. ....	Nov. 13, 1909	Dec. 31, 1909	.....
7038	West 27th St. ....	General repairs, Panama R. R. Co. ....	Jan. 25, 1909	Dec. 31, 1909	.....
7113	West 27th St. ....	Erection platform, etc., Panama R. R. Co. ....	Mar. 5, 1909	April 17, 1909	.....
7298	Pier 68, N. R. ....	Necessary repairs, D., L. & W. R. R. Co. ....	May 10, 1909	July 3, 1909	.....
7775	Pier 68, N. R. ....	Erection of stand, Hudson-Fulton Celebration, D., L. & W. R. R. Co. ....	Sept. 22, 1909	Oct. 1, 1909	.....
6850	West 28th St. ....	Repairs to doors in shed, D., L. & W. R. R. ....	Jan. 11, 1909	Dec. 31, 1909	.....
7040	West 28th St. ....	Repairs to transfer bridge, Erie R. R. Co. ....	Mar. 16, 1909	Dec. 31, 1909	.....
6946	West 29th St. ....	Taking up and relaying asphalt and granite pavement, Con. Gas Co. ....	Feb. 8, 1909	April 9, 1909	.....
7008	West 29th St. ....	Repairs to pier where damaged by fireboat "James Duane" ....	Jan. 29, 1909	Feb. 27, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
5204	West 30th St. ....	Placing hydrants, etc., Dept. W. S., G. & E. ....	May 22, 1907	April 3, 1909	
6204	West 30th, 39th, 48th Sts. ....	Placing hydrants and mains, L. D. Gregory for Dept. W. S., G. & E. ....	June 26, 1908	April 3, 1909	
6902	West 30th St. ....	Placing derricks, etc., N. Y. Contracting & Trucking Co. ....	Dec. 16, 1908	Feb. 1, 1909	
6946	West 30th St. ....	Taking up and relaying asphalt and granite pavement, Con. Gas. Co. ....	Mar. 10, 1909	Mar. 22, 1909	
7252	West 30th St. ....	Placing derrick, etc., N. Y. Contracting Co. ....	April 13, 1909	June 7, 1909	
6865	Pier 71, N. R. ....	Repairs to pier, N. Y. C. & H. R. R. ....	Aug. 21, 1909	Dec. 31, 1909	
6865	Pier 71, N. R. ....	Repairs to pavement, N. Y. C. & H. R. R. ....	Sept. 11, 1909	Dec. 31, 1909	
7033	West 31st St. ....	Openings to make subway connections. Con. Tel. & El. Sub. Co. ....	Oct. 9, 1909	Dec. 31, 1909	
7033	West 31st St. ....	Replacing asphalt, Con. Tel. & El. Sub. Co. ....	Oct. 16, 1909	Dec. 31, 1909	
6997	West 32d St. ....	Repairs to pier, Penn. Ter. & Tun. R. R. Co. ....	Feb. 2, 1909	Suspended July 31, 1909	
7253	West 32d St. ....	Removal extension to pier, N. Y., & L. I. R. R. ....	April 13, 1909	May 1, 1909	
6865	West 33d St. ....	Repairs to transfer bridge, N. Y. C. & H. R. R. ....	Jan. 5, 1909	April 3, 1909	
6865	West 33d St. ....	Repairs to fender piles, N. Y. C. & H. R. R. ....	Sept. 9, 1909	Dec. 31, 1909	
6974	West 34th St. ....	Repairs to scales, Merchants Union Ice Co. ....	July 27, 1909	Dec. 31, 1909	
7505	West 34th St. ....	Repairs to pier, Hartfield, Solari & Co. ....	June 28, 1909	Dec. 31, 1909	
7505	West 34th St. ....	Repairing pier, Italian Line. ....	July 6, 1909	Dec. 31, 1909	
7771	West 34th St. ....	Erection of stand, Hudson-Fulton Celebration, Hartfield, Solari & Co. ....	Sept. 23, 1909	Oct. 2, 1909	
6974	Between West 34th and 35th Sts. ....	General repairs to ice bridge, Merchants Union Ice Co. ....	Jan. 9, 1909	Dec. 31, 1909	
6865	West 35th St. ....	Repairs to pavement, N. Y. C. & H. R. R. ....	Nov. 6, 1909	Dec. 31, 1909	
5425	West 35th St. ....	Erection of house, Fire Dept. ....	Aug. 10, 1908	Aug. 14, 1909	
6458	West 35th St. ....	Erection of structures, N. Y. & L. B. S. B. Co. ....	April 1, 1909	Aug. 22, 1909	
7192	West 35th St. ....	Installation service pipe, N. Y. & L. B. S. B. Co. ....	Mar. 18, 1909	April 3, 1909	
7207	North side of West 35th St. ....	Cutting gangways, etc., N. Y. & L. B. S. B. Co. ....	April 1, 1909	May 15, 1909	
7231	West 35th St. ....	Installation electric lights, N. Y. & L. B. S. B. Co. ....	July 19, 1909	July 20, 1909	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7282	West 35th St.....	Installation spring piles, N. Y. & L. B. S. B. Co.....	April 15, 1909	April 17, 1909	.....
7372	West 35th St.....	Placing sign, N. Y. & L. B. S. B. Co.....	June 7, 1909	June 10, 1909	.....
7632	West 35th St.....	Erection structure, B. K. Billman, N. Y. & L. B. S. B. Co.....	July 26, 1910	Oct. 8, 1909	.....
7890	West 35th St.....	Placing flush box, etc., Fire Department.....	Nov. 10, 1909	Nov. 12, 1909	.....
6865	West 36th St.....	Repairs to pier, N. Y. C. & H. R. R.....	Mar. 10, 1909	Mar. 15, 1909	.....
6860	West 37th St.....	Repairs to water pipe, Penn. R. R.....	June 26, 1909	Dec. 31, 1909	.....
6860	West 37th St.....	Raising platform, Penn. R. R.....	April 1, 1909	Dec. 31, 1909	.....
6860	West 37th St.....	Painting structure, Penn. R. R.....	Sept. 20, 1909	Dec. 31, 1909	.....
6860	West 37th St.....	Repairs to transfer bridge, Penn. R. R.....	Jan. 13, 1909	Dec. 31, 1909	.....
6860	West 37th St.....	Repairs to tracks, Penn. R. R.....	Oct. 11, 1909	Dec. 31, 1909	.....
6985	West 39th St.....	Repairs to sheathing on runway, N. Y. H. M. Co.....	Mar. 11, 1909	Dec. 31, 1909	.....
6985	West 39th St.....	General repairs to dumping board, N. Y. H. M. Transp. Co.	Jan. 11, 1909	Dec. 31, 1909	.....
6986	West 39th St.....	General repairs, Michael Egan	Jan. 11, 1909	Dec. 31, 1909	.....
7004	Bet. West 39th and 40th Sts.....	General repairs to bulkhead, Curtis-Blaisdell Co.....	Jan. 14, 1909	Dec. 31, 1909	.....
6859	West 40th St.....	Running pipe under pier, David Shannon Co.....	Dec. 8, 1908	Mar. 20, 1909	.....
7004	West 40th St.....	Repairing coal pockets, Curtis-Blaisdell Co.....	Feb. 17, 1909	Dec. 19, 1909	.....
7004	West 40th St.....	Repairs to bulkhead, Curtis-Blaisdell Co.....	Sept. 25, 1909	Dec. 31, 1909	.....
7121	West 40th St.....	Extension suction pipe, Figge & Hutwelker Bros.....	Mar. 5, 1909	Mar. 15, 1909	.....
7010	West 41st St.....	Repairs to pier, Central R. R. of N. J.....	June 26, 1909	Dec. 31, 1909	.....
4569	West 42d St.....	Construction ferry terminals, N. Y. C. & H. R. R. R. Co.....	Aug. 22, 1906	June 19, 1909	.....
4850	West 42d St.....	Construct temporary building for ferry terminal, N. Y. C. & H. R. R. R. Co.....	Jan. 26, 1907	April 8, 1909	.....
6865	West 42d St.....	Repairing water pipe, N. Y. C. & H. R. R. R.....	Aug. 23, 1909	Dec. 31, 1909	.....
6865	West 42d St.....	Repairs to ferry rack, N. Y. C. & H. R. R. R.....	Aug. 23, 1909	Dec. 31, 1909	.....
6892	South line West 42d St.	Necessary repairs to fence, Con. Gas. Co.....	Dec. 21, 1908	Jan. 7, 1909	.....
7057	West 42d St. to 129th St.....	General repairs and necessary painting, E. E. Olcott.....	Feb. 4, 1909	Dec. 31, 1909	.....
7411	West 42d St.....	Repairing tracks, Met. St. Ry. Co.	Oct. 23, 1909	Dec. 31, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7708	West 42d St.....	Erection shelter roof, etc., E. E. Olcott.....	Aug. 31, 1909	Sept. 4, 1909	.....
7987	West 42d St.....	Opening granite pavement, Empire City Subway Co., Ltd.....	Dec. 11, 1909	Dec. 31, 1909	.....
7707	Pier 83, N. R.....	Driving piles, N. Y. C. & H. R. R. Co.....	Sept. 13, 1909	Oct. 15, 1909	.....
8007	Pier 83, N. R.....	Driving piles, N. Y. C. & H. R. R. Co.....	Dec. 17, 1909	Dec. 24, 1909	.....
7769	Pier 84, N. R.....	Erection of stand, Hudson-Fulton Celebration, Compagnie Generale Transatlantique.....	Sept. 18, 1909	Oct. 5, 1909	.....
6798	West 44th St.....	Painting shed, etc., U. S. Transp. Co.....	Nov. 17, 1908	Dec. 30, 1909	.....
6865	West 44th St.....	Driving fender piles, N. Y. C. & H. R. R. Co.....	Sept. 20, 1909	Dec. 31, 1909	.....
7873	Between West 44th and 45th Sts.....	Laying main at bulkhead, etc., Con. Gas Co.....	Oct. 28, 1909	Nov. 13, 1909	.....
7994	Approach West 44th St. Pier.....	Opening granite pavement, etc., Compagnie Generale Transatlantique.....	Dec. 13, 1909	Suspended Dec. 31, 1909	.....
6310	West 46th St.....	Repairs to decking, sheathing, fender system, rangers and caps, American Ice Co.....	June 9, 1908	Feb. 23, 1909	.....
7072	Between West 46th and 47th Sts.....	Repairs to bulkhead and platforms, Franklin Bartlett, Atty. for estate of Hayward Cutting, Francis J. Cutting and Thos. Miller.....	June 1, 1909	July 10, 1909	.....
7353	Between West 46th and 47th Sts.....	Temporary bracing of structures, Robert Gordon & Son.....	May 15, 1909	May 25, 1909	.....
6960	West 47th St.....	Constructed dumping board, B. Campbell & Co.....	Jan. 5, 1909	Feb. 13, 1909	.....
7832	Between West 47th and 48th Sts.....	General repairs, D. Grieme Coal Co.....	Oct. 21, 1909	Dec. 31, 1909	.....
7991	Between West 47th and 48th Sts.....	Erection iron tanks, D. Grieme Coal Co.....	Dec. 14, 1909	.....	In progress.
5345	West 48th St.....	Place hydrants, Dept. W. S., C. & E.....	June 26, 1908	April 3, 1909	.....
7786	West 48th St.....	Placing font Hudson-Fulton Celebration, Wm. Donnelly.....	Sept. 25, 1909	Sept. 27, 1909	.....
7040	West 49th St.....	Repairs to pier, Erie R. R. Co.....	April 2, 1909	Dec. 31, 1909	.....
7718	West 50th St.....	Placing water pipe and meter, E. E. Olcott.....	Sept. 18, 1909	Sept. 25, 1909	.....
7914	West 50th St.....	Making connection with wires, etc., E. E. Olcott.....	Dec. 14, 1909	Dec. 18, 1909	.....
8034	West 50th St.....	Repairs to wiring on pier, N. Y. Edison Co.....	Dec. 28, 1909	Dec. 30, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6989	West 51st St.....	Erection iron upright, etc., N. Y. Telephone Co.....	Feb. 15, 1909	Feb. 23, 1909	.....
7230	West 51st St.....	Repairs where damaged by Erie R. R. tug "Brinton," Cornell S. B. Co.....	April 13, 1909	April 13, 1909	.....
6035	West 55th St.....	Repairs to pier, Brown & Fleming Con. Co.....	July 19, 1909	Dec. 30, 1909	.....
6035	West 55th St.....	Repairs to pier and dump, Henry Steers.....	July 22, 1909	Dec. 31, 1909	.....
7943	West 55th St.....	Erection steam crane, etc., J. Eltz & Son.....	Dec. 7, 1909	Dec. 24, 1909	.....
7525	West 56th St.....	Renewing corner piles and chocking, The Seaboard Con. Co.....	July 13, 1909	July 17, 1909 Suspended.	.....
7528	West 58th St.....	Repairs to piles at outer corner, Interbough R. T. Co.....	July 16, 1909	July 17, 1909	.....
6865	West 59th St.....	Repairs to pier, N. Y. C. & H. R. R. R.....	Jan. 5, 1909	Dec. 31, 1909	.....
6813	West 60th St.....	Reconstructing portion of grain elevator, N. Y. C. & H. R. R. R. Co.....	Nov. 27, 1908	Feb. 24, 1909	.....
6865	West 60th St.....	Repairs to roof of elevator, N. Y. C. & H. R. R. R. R.....	Mar. 16, 1909	Dec. 31, 1909	.....
6865	West 62d St.....	Repairs to transfer bridge, N. Y. C. & H. R. R. R. R.....	Mar. 10, 1909	Dec. 31, 1909	.....
6865	West 63d St.....	Repairs to pier, N. Y. C. & H. R. R. R.....	Feb. 19, 1909	Dec. 31, 1909	.....
6865	West 64th St.....	Repairs to pier, N. Y. C. & H. R. R. R.....	April 10, 1909	Dec. 31, 1909	.....
6865	West 64th St.....	Repairs to roof of shed, N. Y. C. & H. R. R. R. R.....	Mar. 25, 1909	April 3, 1909	.....
6865	West 66th St.....	Repairs to pier, N. Y. C. & H. R. R. R.....	Feb. 27, 1909	Dec. 31, 1909	.....
6865	West 68th St.....	Repairs to pier, N. Y. C. & H. R. R. R.....	Mar. 17, 1909	April 3, 1909	.....
6865	West 69th St.....	Repairs to transfer bridge, N. Y. C. & H. R. R. R. R.....	Jan. 5, 1909	April 3, 1909	.....
5440	Between W. 77th St and Inwood, N. R.....	Taking of test borings, N. Y. C. & H. R. R. R. R. Co.....	July 18, 1907	June 11, 1909	.....
7756	Between West 77th and 79th Sts.....	Location of float, Hudson-Fulton Celebration, Geo. J. Atwell.....	Sept. 25, 1909	Sept. 30, 1909	.....
7792	Between West 77th and 79th Sts.....	Placing stand, Hudson-Fulton Celebration, Richard Peters.....	Sept. 25, 1909	Oct. 2, 1909	.....
7015	West 79th St.....	Alterations, etc., Thomas Ward.....	Feb. 5, 1909	Suspended Nov. 13, 1909	.....
7033	West 79th St.....	Repairs to pipe, Con. Tel. & El. Sub. Co.....	Nov. 13, 1909	Dec. 31, 1909	.....
7499	West 79th St.....	Building of ramp and dumping board, N. Y. Con. & T. Co.....	Sept. 1, 1909	Nov. 23, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7619	West 79th St.....	Repairs to machinery, Thos. Ward.....	Aug. 2, 1909	Dec. 31, 1909	.....
7619	West 79th St.....	Repairs to scales, Thos. Ward....	Aug. 21, 1909	Dec. 31, 1909	.....
7619	West 79th St.....	Repairs to coal pockets, Thos. Ward.....	Sept. 20, 1909	Dec. 31, 1909	.....
7619	Bulkhead north of West 79th St.....	Sundry repairs to coal-hoisting apparatus and pockets, Thos. Ward Coal Co.....	July 26, 1909	Dec. 31, 1909	.....
7758	South of West 79th St.....	Locating float at bulkhead, Hudson-Fulton Celebration, Chas. L. Mulford.....	Sept. 26, 1909	Oct. 1, 1909	.....
7763	South of West 79th St.	Setting poles, etc., Hudson-Fulton Celebration, N. Y. Edison Co.....	Sept. 21, 1909	.....	.....
7765	West 79th St.....	Stringing wires, etc., Hudson-Fulton Celebration, Postal-Telegraph Cable Co.....	Sept. 23, 1909	Oct. 8, 1909	.....
7783	West 79th St.....	Erection lamp-posts, etc., Hudson-Fulton Celebration, N. Y. Edison Co.....	Sept. 21, 1909	.....	.....
7782	Between West 79th and 80th Sts.....	Location of stand, Hudson-Fulton Celebration, Thos. Burns...	Sept. 25, 1909	Sept. 27, 1909	.....
7785	Between West 79th and 80th Sts.....	Erection of stand, Hudson-Fulton Celebration, Emile Zongin.	Sept. 25, 1909	Sept. 29, 1909	.....
7757	Between West 80th and 81st Sts.....	Locating float, Hudson-Fulton Celebration, Maurice Isaac.....	Sept. 25, 1909	Oct. 2, 1909	.....
7262	West 94th to 95th Sts.	Removal all structures, Garret May.....	Revoked	Returned June 10, 1909	.....
7004	West 96th St.....	Laying floor in stable, Curtis-Blaisdell.....	Mar. 27, 1909	Dec. 31, 1909	.....
7004	West 96th St.....	Repairs to coal pockets, Curtis-Blaisdell.....	July 14, 1909	Dec. 31, 1909	.....
7302	West 96th St.....	Repairs to pier, N. Y. Contracting & Tkg. Co.....	June 4, 1909	.....	In progress.
7932	Bulkhead south of West 96th St.....	Replacing boiler, etc., Curtis-Blaisdell Co.....	Nov. 30, 1909	.....	In progress.
2030	Between West 96th and 97th Sts.....	Erection coal pockets, etc., Weber & Bunke.....	Suspended Dec. 23, 1904	Returned Feb. 15, 1909	.....
6991	West 97th St.....	Repairing dumping board, T. A. S. Sheridan.....	Returned July 26, 1909	Superseded by B. O. 7603	.....
6699	West 97th St.....	Removal of coal hoist, etc., James Thedford.....	Oct. 16, 1908	Suspended Feb. 3, 1909	.....
7004	West 97th St.....	Repairs to gangways, Curtis-Blaisdell.....	Mar. 17, 1909	April 13, 1909	.....
7033	West 97th St.....	Openings to make subway connections, Con. Tel. & El. Sub. Co.....	Sept. 25, 1909	Dec. 31, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7220	West 97th St.....	Repairs to dumping board on south side, T. A. S. Sheridan Co.	Mar. 27, 1909	April 3, 1909	.....
7229	West 97th St.....	Removing old planks, etc., T. A. S. Sheridan.....	April 5, 1909	April 19, 1909	.....
7603	West 97th St.....	General repairs to runway and dumping board, T. A. S. Sheridan Co.....	July 22, 1909	Dec. 31, 1909	.....
7997	West 97th St.....	Inclosing runway on dump, T. A. S. Sheridan Co.....	Dec. 15, 1909	Dec. 17, 1909	.....
8022	West 110th St.....	Float and gangway and moor at Columbin College, Boat House.	Dec. 21, 1909	In progress..	.....
7698	West 110th-131st Sts.	Removal of structure, Thos. Stokes & Sons.....	Aug. 20, 1909	Aug. 21, 1909	.....
7033	West 129th St.....	Openings to make subway connections, Con. Tel. & El. Sub. Co.....	Sept. 25, 1909	Dec. 31, 1909	.....
7057	West 129th St.....	Repairs to transfer bridge, Albany Day Line.....	May 24, 1909	Dec. 31, 1909	.....
7213	West 129th St.....	Removing structures, Garrett May.....	Mar. 25, 1909	May 17, 1909	.....
7713	West 129th St.....	Construction of window, etc., E. E. Olcott.....	Sept. 2, 1909	Suspended Nov. 13, 1909	.....
7475	Between West 129th and 130th Sts.....	Placing float, Morris Isaacs.....	Revoked	Returned Oct. 15, 1909	.....
7889	West 129th and 130th Sts.....	Re-setting lamps, etc., United Electric Light & Power Co.....	Nov. 10, 1909	Nov. 13, 1909	.....
6802	West 130th St.....	Repairs to ferry house, Riverside & Fort Lee Ferry Co.....	Dec. 8, 1908	Jan. 8, 1909	.....
6975	West 130th St.....	General repairs to Ferry property, Riverside & Fort Lee Ferry Co.....	Jan. 9, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Painting ferry structure, Riverside & Fort Lee Ferry Co.....	July 6, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to rack, Riverside & Fort Lee Ferry Co.....	July 8, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to flooring in ferryhouse, Riverside & Fort Lee Ferry Co.	Oct. 11, 1909	Dec. 31, 1909	.....
6975	West 130th St.....	Repairs to steam pipe, Riverside & Fort Lee Ferry Co.....	Nov. 13, 1909	Dec. 31, 1909	.....
7739	West 130th St.....	Placing float, Hudson-Fulton Celebration, Riverside & Fort Lee Ferry Co.....	Sept. 20, 1909	Oct. 9, 1909	.....
7537	Between West 130th and 131st Sts.....	Repairing and painting structures, Weber-McLaughlin Co.....	July 9, 1909	Dec. 31, 1909	.....
7661	Between West 130th and 131st Sts.....	Extension to office structure, Weber-McLaughlin Co.....	Aug. 30, 1909	Oct. 30, 1909	.....
7533	West 131st St.....	Driving piles, N. Y. Excursion Co.	July 6, 1909	July 7, 1909	.....



## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7537	West 131st St.....	Repairing and painting coal structures, Weber-McLaughlin.	July 22, 1909	Dec. 31, 1909	.....
7537	West 131st St.....	Repairs to water pipes, Weber-McLaughlin.....	Oct. 11, 1909	Dec. 31, 1909	.....
7563	West 133d St.....	Repairs to water main, Burns Bros.....	Nov. 8, 1909	Nov. 9, 1909	.....
7490	Between West 133d and 134th Sts.....	Moving house, Burns Bros.....	June 30, 1909	Aug. 30, 1909	.....
7491	Between West 133d and 134th Sts.....	Repairs to coal pocket, Burns Bros.....	June 25, 1909	Dec. 31, 1909	.....
7197	So. West 134th St.....	Erection building, Burns Bros....	April 13, 1909	In progress...	.....
7491	West 134th St.....	Repairs to coal pockets, Burns Bros.....	July 13, 1909	Dec. 31, 1909	.....
7491	West 134th St.....	Opening pavement to repair pipe, Burns Bros.....	July 20, 1909	Dec. 31, 1909	.....
7615	West 134th St.....	Repairs to dumping board, Department Street Cleaning.....	July 27, 1909	Aug. 14, 1909	.....
7488	North of West 138th St.....	Moving of a small house, Colonial Yacht Club.....	July 26, 1909	July 31, 1909	.....
7784	West 138th St.....	Re-decking platform, Mrs. J. Schlenker.....	Sept. 24, 1909	Dec. 1, 1909	.....
7384	Between West 138th and 139th Sts.....	Removal of platform, Ryan-Parker Con. Co.....	Sept. 15, 1909	Suspended Sept. 19, 1909	.....
7793	Between West 138th and 140th Sts.....	Construction temporary board walk, Hudson-Fulton Celebration, Colonial Yacht Club.....	Sept. 24, 1909	Dec. 30, 1909	.....
7130	West 140th St.....	Erection of building, F. R. Welch.	Mar. 17, 1909	July 26, 1909	.....
7437	South of West 140th St.....	Construction of a porch around boathouse, Colonial Yacht Club	June 7, 1909	Aug. 22, 1909	.....
7733	West 140th and 141st Sts.....	Erecting stands and lockers, Colonial Yacht Club.....	Sept. 16, 1909	Dec. 24, 1909	.....
7454	West 141st St.....	Construction small extension, Home Boat Club.....	June 15, 1909	June 22, 1909	.....
7752	North of West 141st St	Erection of lockers, Home Boat Club.....	Oct. 5, 1909	In progress...	.....
7264	West 142d St.....	Filling over sewer, Joseph Burns.	April 5, 1909	July 2, 1909	.....
7221	West 147th St.....	Erection and maintenance boathouse, New York Motor Boat Club.....	April 1, 1909	In progress...	.....
7401	West 147th St.....	Erection small crib, lockers and fence on property occupied by the New York Motor Boat Club	May 28, 1909	Dec. 30, 1909	.....
7660	West 147th St.....	Extension, 6x10 feet, New York Motor Boat Club.....	Aug. 14, 1909	Aug. 22, 1909	.....
7908	West 147th St.....	Building one-story extension, New York Motor Boat Club.....	Nov. 17, 1909	In progress...	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7183	West 152d St.....	Erection shd, Thos. E. Broadway.	Mar. 18, 1909	Dec. 28, 1909	.....
6957	Carmansville Section..	Placing filling at northerly end, etc., Canavan Bros.....	Mar. 13, 1909	In progress...	.....
7586	West 155th St.....	Removal of shanty, Mrs. Mary Wells.....	July 29, 1909	July 31, 1909	.....
7329	West 158th St.....	Placing filling rear of bulkhead wall, Canavan Bros. Co.....	June 8, 1909	In progress...	.....
7484	South of West 158th St.....	Removal Structures, Mrs. Wm. Ruth.....	June 30, 1909	July 3, 1909	.....
6948	West 165th St.....	Erection frame structure, Audubon Yacht Club.....	Feb. 2, 1909	July 3, 1909	.....
7869	West 165th St.....	Erection of ways, etc., John Dalton.....	Nov. 8, 1909	Dec. 1, 1909	.....
3312	West 167th St.....	Placing boathouse and float, Kniekerbocker Canoe Club.....	Superseded by B. O. 5086	Returned Feb. 15, 1909	.....
7227	West 167th St.....	Construction extension, Kniekerbocker Canoe Club.....	Mar. 31, 1909	Dec. 30, 1909	.....
7325	West 168th St.....	Placing runway and float, John Wagner.....	May 8, 1909	Dec. 31, 1909	.....
6885	West 170th St.....	Erection of boathouse, etc., Cobweb Yacht Club.....	Revoked.....	Returned Aug. 9, 1909	.....
7335	West 204th St.....	General repairs to boathouse, E. A. Hamilton.....	May 6, 1909	Dec. 31, 1910	.....
7855	West 204th St.....	Erection crib work around boathouse, Schmidt & Kramer.....	Nov. 1, 1909	In progress...	.....
6904	West 204th and 205th Sts.....	Placing of cribs, etc., Richard Cox.....	Dec. 18, 1908	In progress...	.....
7427	South of Dyckman St.	Replacing piles, John C. Koopman.....	June 3, 1909	June 7, 1909	.....
7678	North of Dyckman St.	Redriving piles, C. K. G. Billings.	Aug 18, 1909	Aug. 22, 1909	.....
6578	West 231st St.....	Landing dock. Along the Hudson Co.....	Aug. 29, 1908	May 29, 1909	.....
EAST RIVER.					
6851	Along the East River.	General Repairs, wharf property, D., L. & W. R.R.....	Mar. 1, 1909	Dec. 31, 1909	.....
6861	Along the East River.	General repairs, wharf property of Pa. R. R. Co.....			Expired by limitation, Dec. 31, 1909
6866	Along the East River.	General repairs, wharf property, E. R., N. Y. C. & H. R. R. R. Co.....	June 2, 1909	July 22, 1909	.....
6928	Along the East River.	General repairs, wharf property, E. R., Union Ferry Co., N. Y. & Bk.....	Jan. 2, 1909	Sept. 8, 1909	.....
6958	Along the East River.	General repairs, wharf property, E. & H. R., New England Nav. Co.....	Feb. 25, 1909	Oct. 18, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6998	Along the East River.	General repairs, wharf property, E. R., Lehigh Valley R. R. Co.	Mar. 11, 1909	Mar. 18, 1909	.....
7010	Along the East River.	General repairs, wharf property, E. & H. R. of Central R. R. of N. J.			Expired by limitation Dec. 31, 1909
7016	Wharf property, E. & H. R., Balt. & Ohio R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7033	Wharf property, E. & H. R., Con. Tel. & Elec. Sub. Co.	General repairs	Jan. 26, 1909	Dec. 6, 1909	.....
7040	Wharf property, E. R., Erie R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7041	Wharf property, E. R., N. Y., N. H. & H. R. R. Co.	General repairs	Jan. 2, 1909	Aug. 20, 1909	.....
7164	Wharf property, E. R., Long Island R. R. Co.	General repairs			Expired by limitation Dec. 31, 1909
7489	Wharf property, E. R., Nassau Ferry Co.	General repairs			Expired by limitation Dec. 31, 1909
7594	N. Y., N. H. & H. R. R. Co., wharf property, E. R.	General repairs	July 20, 1909	Dec. 31, 1909	.....
6946	East and Harlem Rivers	Take up pavement, etc., Con. Gas Co.	Aug. 10, 1910	Sept. 10, 1909	.....
6976	East and Harlem Rivers	Repair car tracks, Third Ave. R. R. Co.			Expired by limitation Dec. 31, 1909
7411	East and Harlem Rivers	Repair car tracks, etc., Met. St. Ry. Co.	June 3, 1909	Dec. 31, 1909	.....
7003	Pavement, E. & H. R.	Take up, etc., Dept. W. S., G. & E			Expired by limitation Dec. 31, 1909
7104	Pier 4, E. R.	Open granite pavement, N. Y. C. & H. R. R. R. Co.	Feb. 23, 1909	Feb. 25, 1909	.....
7391	Pier 5, E. R.	Install telephone connection, Western States Line	May 24, 1909	May 25, 1909	.....
7600	Pier New 5, E. R.	Replace old derrick, Western States Line	Oct. 16, 1909	Oct. 19, 1909	.....
7694	Pier New 5, E. R.	Install telephone in tally house, Murray's Line	Sept. 18, 1909	Sept. 18, 1909	.....
7519	Pier 6, E. R., South St. Bulkhead	Replace with iron upright the wooden upright, N. Y. Tel. Co.	July 12, 1909	July 14, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6956	Approach Pier 8, E. R.	Water pipe repaired, Campania Trans.....	Feb. 18, 1909	Feb. 19, 1909	.....
7157	Approach Pier 8, E. R.	Water pipe repaired, Montauk Steamboat Co.....	Mar. 11, 1909	Mar. 13, 1909	.....
7801	Pier 10, E. R.....	Two doors in shed were changed, N. Y. & Balt. Trans. Co.....	Oct. 6, 1909	Oct. 13, 1909	.....
8011	Pier 12, E. R.....	Repairs to pier, War Department.	Dec. 16, 1909	Dec. 24, 1909	.....
7719	Pier New 14, E. R....	Opening pavement and repairs to water pipe, New York & Cuba Mail S. S. Co.....	Sept. 7, 1909	Sept. 18, 1909	.....
6588	Under Pier New 15, E. R.....	Sewer was constructed, Bureau of Sewers.....	Aug. 25, 1908	Feb. 3, 1909	.....
6074	Pier New 17, E. R....	Outer end repaired, Fulton Market Fish Mongers Association..	Dec. 18, 1909	In progress...	.....
7891	Between Piers 17 and 18, E. R.....	Concrete platform was raised, Fulton Fish Mongers' Association.....	Nov. 12, 1909	Nov. 18, 1909	.....
6838	Pier 18, E. R.....	Boiler house was erected, New York Wholesale Fish Dealers' Association.....	Dec. 19, 1908	Jan. 2, 1909	.....
7055	Pier New 18, E. R....	Boiler house maintained, Independent Wholesale Fish Dealers' Association.....	Mar. 11, 1909	Mar. 18, 1909	.....
7198	Pier New 18, E. R....	Pile cluster repairs, New York Wholesale Fish Dealers' Association.....	April 18, 1909	April 21, 1909	.....
7683	Easterly side of Pier New 18, E. R.....	Ice bridge erected, American Ice Co.....	Aug. 20, 1909	Aug. 27, 1909	.....
7284	Between Piers New 18 and 19, E. R.....	Float was placed, New York Wholesale Fish Dealers' Association.....	April 24, 1909	July 14, 1909	.....
7638	Foot of Beekman St., E. R.....	Repair water main, New York Wholesale Fish Dealers' Association.....	July 31, 1909	July 31, 1909	.....
7050	Pier New 19, E. R....	Heater and water pipe installed, Hartford & New York Trans. Co.....	Feb. 4, 1909	Mar. 18, 1909	.....
7671	Piers New 19 and 20, E. R.....	Repairs made to piers, Hartford & New York Trans. Co.....	Aug. 26, 1909	Dec. 31, 1909	.....
7071	Pier New 22, E. R., Brooklyn Bridge Pier.....	Repairs made to pier, Clyde Steamship Co.....	Mar. 16, 1909	Dec. 31, 1909	.....
7148	Pier New 22, E. R....	Opened pavement, water pipe laid, L. I. R. R. Co.....	Mar. 6, 1909	April 2, 1909	.....
6909	Piers New 22 and 25, E. R., and bulkhead between said piers..	Erected sheds, L. I. R. R. Co....	Mar. 9, 1909	In progress...	.....
7085	Ferry house foot of Roosevelt St., E. R.	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7120	Ft. Roosevelt St., E. R.	Removal of telephone Instrument, N. Y. Telephone Co.....	Mar. 3, 1909	Mar. 3, 1909	.....
7379	Foot Roosevelt St., E. R.....	Ferry house used for drilling purposes, Dept. of Street Cleaning.	May 26, 1909	June 2, 1909	.....
5770	Foot Oliver St., E. R..	Install high pressure, Dept. W. S., G. & E.....	Nov. 21, 1907	April 22, 1909 Superseded by B. O. 7291	.....
7288	Pier 24 (New), E. R....	Remove pavement and place electric connection, Empire City Subway Co.....	April 2, 1909	April 27, 1909	.....
7142	Pier New 27, E. R.....	Removal of building on marginal street, Maine S. S. Co.....	Mar. 29, 1909	Mar. 31, 1909	.....
6771	Pier Old 28, E. R.....	Repair docking, Curtis-Blaisdell Co.....	Nov. 7, 1908	Jan. 6, 1909	.....
7864	Pier New 28, E. R.....	Repairs to water pipe, New England Nav. Co.....	Oct. 27, 1909	Nov. 14, 1909	.....
7636	Approach to Pier New 28, E. R.....	Opening of pavement, New England Nav. Co.....	July 28, 1909	Aug. 26, 1909	.....
7147	Bulkhead between Piers New 30 and 31, E. R.....	Erection of ice bridge, tally house, etc., Foster-Scott Ice Co.....	No work, Order returned Mar. 31, 1909	.....	.....
7895	Approach to Pier New 31, E. R.....	Repairs to croton water pipe, N. Y., N. H. & H. R. R. Co.....	Nov. 18, 1909	Nov. 18, 1909	.....
7802	Approach Pier New 31, E. R.....	Open pavement and repair pipes, N. Y., N. H. & H. R. R. Co.....	Oct. 8, 1909	Oct. 11, 1909	.....
7712	Pier New 38, E. R....	Construction of oil house, N. Y., N. H. & H. R. R. Co.....	Sept. 7, 1909	Sept. 20, 1909	.....
7105	Pier Foot of Clinton St., E. R.....	Placing boring machine, etc., Board of Water Supply.....	Feb. 24, 1909	Mar. 13, 1909	.....
7315	Approach to Pier Old 49, E. R.....	Repairs to pavement and water pipe, N. Y., N. H. & H. R. R. Co.....	May 5, 1909	May 14, 1909	.....
7028	Between Montgomery and Gouverneur Slip, E. R.....	Construction of 3 piers, Nos. 39, 40 and 41, N. Y., N. H. & H. R. R. Co.....	Oct. 25, 1909	In progress...	.....
7319	Pier Old 51, E. R....	Construction of temporary office, N. Y., N. H. & H. R. R. Co.....	June 29, 1909	July 14, 1909	.....
7884	Pier Old 52, E. R....	Fencing off old crib bulkhead, Estate of Christian Bergh.....	Nov. 4, 1909	Nov. 13, 1909	.....
7950	Crib bulkhead at Pier old 52, E. R.....	Repairs to crib, Catherine Pryor.	Ordered returned, Dec. 24, 1909 Title having been vested in the city.		

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7523	Pier Old 54, E. R.....	Removal of structure, John McDermott & Son.....	July 14, 1909	July 14, 1909	.....
7866	Jefferson Sec., E. R....	Placing earth-filling rear of the wall, John J. Fleming.....	Oct. 10, 1909	Dec. 11, 1909	.....
7689	Foot of Jackson St., E. R.....	Erection of temporary ice bridge, Peekskill Ice Co.....	Aug. 20, 1909	Aug. 24, 1909	.....
7085	Grand St. Ferry House	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....
7748	Corlear St., south of Front St.....	Driving fender piles along platform, Crane Co.....	Sept. 22, 1909	Sept. 28, 1909	.....
7322	Pier New 50, E. R., foot of Rivington St.	Erection of ice bridge on north side of pier, John A. McCarthy,	May 1, 1909	May 4, 1909	.....
7813	Pier New 51, E. R.....	Installation of 2 hydrants at the outer end, Dept. W. S., G. & E.	Nov. 30, 1909	Dec. 13, 1909	.....
7919	Pier Old 61, E. R.....	Placing of water hydrants, etc., at the outer end. Removed from Rivington St. Pier, Dept. W. S., G. & E.....	Nov. 9, 1909	Dec. 13, 1909	.....
7687	Pier New 52, E. R.....	Repairs to deck, etc., James Shewan & Son.....	Nov. 29, 1909	Dec. 20, 1909	.....
7685	Pier New 52, E. R.....	Repairs to decking, sheathing, etc., A. W. Welsh.....	Dec. 1, 1909	Dec. 17, 1909	.....
7493	Pier foot 4th St., E. R.	Repairs to pier, James Shewan & Sons.....	Order ret'ned July 12, 1909	Superseded by B. O. 7531	.....
7704	Bulkhead between 4th and 5th Sts., E. R....	Repairs to bulkhead, Estate of Betsy Ann Fay.....	Sept. 4, 1909	Sept. 13, 1909	.....
7495	Bulkhead between 5th and 6th Sts., E. R....	Repairs to bulkhead, Webb's Academy Home for Ship Builders...	June 23, 1909	July 9, 1909	.....
7970	Bulkhead between 6th and 7th Sts., and 7th St. Pier, E. R.....	Repairs to pier and bulkhead, Jas. Tregarthan & Co.....	Dec. 11, 1909	In progress...	.....
7522	Pier Foot of 9th St., E. R.....	Driving spring piles along the southerly side, John W. Sullivan Co.....	June 30, 1909	July 2, 1909	.....
7317	Pier Foot 11th St., E. R.....	General repairs to pier, New York Mutual Gas Light Co.....	April 28, 1909	May 28, 1909	.....
6100	Pier foot of 14th St., E. R.....	General repairs, Joseph Murray ..	Order returned June 10, 1909	Superseded by B. O. 7423	.....
7705	Foot of 20th St., E. R.	Remove pavement, repairs to water pipe and replace pavement, H. L. Herbert & Co.....	Aug. 23, 1909	Oct. 22, 1909	.....
6921	Pier foot of 21st St., E. R.....	Repairs to decking and sheathing, Con. Gas Co.....	Feb. 9, 1909	Mar. 8, 1909	.....
6922	Pier foot of 21st St., E. R.....	Repairs to decking, sheathing, etc., H. B. Turner Co.....	Feb. 20, 1909	Feb. 22, 1909	.....

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7614	Pier foot of 21st St., E. R.....	Repairs where damaged by the "Chester W. Chapin," New England S. S. Co.....	No work done	Superseded by B. O. 7716	.....
7930	Foot of 21st St., E. R.	Replacing suction pipe crossing marginal street, Con. Gas Co...	Dec. 6, 1909	In progress...	.....
7867	Between 21st and 22d Sts., E. R.....	Repairs to belt conveyer tunnel, Con. Gas Co.....	Nov. 1, 1909	Nov. 15, 1909	.....
6759	Foot of 23d St., E. R...	Repair ferry houses where dam- aged by fire, N. Y. Terminal Co.....	Nov. 17, 1908	Jan. 9, 1909	.....
7085	Foot of 23d St., E. R., ferry house.....	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909	.....
6951	Pier foot of 24th St., E. R.....	Use upper portion of recreation Building for school room dur- ing winter months, Dept. of Education.....	Nov. 1, 1908	Feb. 18, 1909	.....
6735	Pier foot of 24th St., E. R.....	Installing and removing launch- ing device. Hunt Launching Device Co.....	Oct. 26, 1908	Jan. 7, 1909	.....
7565	Pier foot of 24th St., E. R.....	Driving spring piles along side of berth, N. Y. Excursion Co..	No work done	Order ret'ned Sept. 27, 1909	.....
7337	Between 25th and 26th Sts., E. R.....	Construction of an addition to office building, Candee, Smith & Howland Co.....	May 7, 1909	May 29, 1909	.....
5902	New Bellevue Section.	Place earth-filling at the south- erly end, rear of the wall, T. A. S. Sheridan Co.....	Mar. 30, 1908	Suspended Dec. 2, 1909	.....
7430	New Bellevue Section, E. R.....	Cutting off piles in binding frame. P. J. Carlin Con. Co.....	July 14, 1909	July 16, 1909	.....
7569	Foot of 29th St., E. R.	Placing earth-filling rear of wall, T. A. S. Sheridan Co.....	July 12, 1909	Suspended July 20, 1909	.....
6826	Pier foot of 29th St., E. R.....	Placing of coal hopper on wheels, Curtis-Blaisdell Co.....	Nov. 16, 1908	Jan. 2, 1909	.....
7466	Piers foot of 29th and 30th Sts. and be- tween 28th and 29th streets, E. R.....	Placing of guide boom derricks, P. J. Carlin Con. Co.....	July 14, 1909	Aug. 6, 1909	.....
3878	Between north side of pier at 33d St., E. R. and line of ferry rack of L. I. R. R. Co.....	Construction of pile and timber stage, Pa., N. Y. & L. I. R. R. Co.....	Feb. 7, 1906	April 13, 1909	.....
7153	Foot of 33d St., E. R..	Removal of trestle and suction pipe, Pa., N. Y. & L. I. R. R..	Dec. 1, 1908	July 15, 1909	.....

## Work Supervised.

B. D.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7474	Pier foot of 39th St., E. R.....	Cutting away of abutment, 40 feet inner end of pier, N. Y. Ed- ison Co.....	Nov. 14, 1909	In progress.....	
6677	Between 39th and 40th Sts., E. R.....	Erection of house overscreen wall, N. Y. Edison Co.....	Oct. 5, 1908	Mar. 1, 1909.....	
6739	Between 39th and 40th Sts., E. R.....	Construction of ash pit and pro- tecting structure, N. Y. Edison Co.....	Oct. 24, 1908	Aug. 13, 1909.....	
7806	Between 39th and 40th Sts., E. R.....	Construction of ash track sub- way, N. Y. Edison Co.....	Oct. 6, 1909	In progress.....	
7013	Between 40th and 41st Sts., E. R.....	Renew fender system and place backing log, N. Y. Edison Co....	Jan. 11, 1909	Jan. 19, 1909.....	
7741	Between 41st and 42d Sts., E. R.....	Erection of fence, Amsterdam Gas Co.....	Nov. 20, 1909	Nov. 20, 1909.....	
7338	Foot of 42d St., E. R.	Repairs to ferry house where damaged by trolley car, 42d St., Manhattanville & St. Nicholas Ave. R. R. Co.....	June 1, 1909	June 25, 1909.....	
7085	42d St. Ferry House...	Removal of gas meters, Con. Gas Co.....	Feb. 16, 1909	Mar. 16, 1909.....	
7067	South of 52d St., E. R.	Construction of ice run, American Ice Co.....	Dec. 2, 1908	Dec. 2, 1908.....	
7354	Bulkhead between 52d and 53d Sts., E. R..	General repairs, Mendelsohn Bros.	May 6, 1909	June 5, 1909.....	
7888	Bulkhead between 54th and 55th Sts., N. R..	General repairs, Consumers' Brew- ing Co.....	Nov. 11, 1909	Dec. 14, 1909.....	
7394	Pier foot of 60th St., E. R.....	Repairs to decking, etc., Bouker Contracting Co.....	Dec. 14, 1909	Dec. 30, 1909.....	
8002	Pier foot of 60th St., St., E. R.....	Repairs to runway and dump, Bouker Cont'g Co.....	Dec. 20, 1909	Dec. 31, 1909.....	
7012	South of 63d St., E. R.	Erect coal handling appliance, Marina Coal Co.....	Jan. 11, 1909	Feb. 5, 1909.....	
6930	Bulkhead south of 63d St., E. R.....	General repairs, Marina Coal Co.	Dec. 27, 1908	Feb. 8, 1909.....	
7447	Platform south of 63d St., E. R.....	Installation of 5 horsepower mo- tor, Marina Coal Co.....	June 4, 1909	June 8, 1909.....	
7334	Platform foot of 63d St., E. R.....	Placing of ice run and wooden derrick, Marina Coal Co.....	May 14, 1909	May 25, 1909.....	
6571	Between 65th and 66th Sts., E. R.....	Placing two sewers, York and Sawyer for Rockefeller Ins. Med. Res.....	Superseded by B. O. 7149	Order ret'ned Mar. 31, 1909.....	
7237	Foot of 68th St., E. R.	Placed riprap to support main, Dept. W. S., G. & E.....	April 5, 1909	June 14, 1909.....	



B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7066	Foot of 70th St., E. R.	Placing of suction pipe, Hygeia Ice Co.....	April 8, 1909	June 11, 1909	.....
5637	Bulkhead foot of 74th St., E. R.....	Placed temporary mooring post, Interborough R. T. Co.....	No work done	Order ret'ned Feb. 16, 1909	.....
5647	Between 77th and 79th Sts., E. R.....	Placing earth-filling rear of the wall, Crimmins Co.....	Oct. 19, 1907	May 26, 1909	.....
6691	Foot 78th St., E. R....	Occupation of berth, maintain scales, etc., A. J. Foreman.....	Jan. 6, 1909	April 5, 1909	.....
6973	Foot 78th St., E. R....	Tapping main, Dept. W. S., G. & E., for A. J. Foreman.....	Mar. 27, 1909	April 1, 1909	.....
6688	Foot 89th St., E. R....	Erection of life saving station, U. S. Life Saving Corps. No work under this order.....	Superseded by B. O. 7323	Order ret'ned June 30, 1909	.....
7323	Foot of 89th St., E. R.	Enlarging life saving station, U. S. Vol. Life Saving Corps.....	June 16, 1909	June 24, 1909	.....
6576	Pier foot of 91st St., E. R.....	Erection of small waiting room on north side of pier, Dept. Pub. Charities.....	Superseded by B. O. 7064	Order ret'ned July 31, 1909	.....
7064	Pier foot 91st St., E. R.	Erection of waiting room on north side of pier, Dept. of Pub. Charities.....	Superseded by B. O. 7643	Order ret'ned July 31, 1909	.....
7643	Pier foot 91st st., E. R.	Erection of small waiting room, at outer end on the south side, Dept. Pub. Charities.....	July 14, 1909	Oct. 18, 1909	.....
7151	Bhd. foot of 93d St., E. R.....	General repairs, N. Y. Submarine Con. Co., for Geo. Ehret.....	Mar. 3, 1909	Mar. 9, 1909	.....
6790	Pier foot of 94th St., E. R.....	General repairs to north half of pier. Hencken & Willenbrock Co.....	Nov. 27, 1908	April 27, 1909	.....
7482	Pier foot of 96th St., E. R.....	Placing of public bath, Com. of Pub. Works.....	July 20, 1909	Oct. 16, 1909	.....
7515	Between 99th and 100th Sts. and between 101st and 102d Sts., H. R.....	Laying of street mains, Dept. W. S., G. & E.....	Superseded by B. O. 7567	Order ret'ned July 31, 1909	.....
7567	Between 99th and 100th Sts. and between 101st and 104th Sts., H. R....	Laying of water mains, Dept. W. S., G. & E.....	June 28, 1909	Oct. 6, 1909	.....
6867	Waterfront, H. R.....	General repairs, N. Y. C. R. & R. Co.....	Expired Dec. 31, 1909	.....	.....
7364	Waterfront, H. R.....	Placing baths, Com. Pub. Works.	June 25, 1909	Oct. 25, 1909	.....
7152	North side of 101st St., H. R.....	The occupation of about 5850 square feet of upland, Diechmann & Co.....	Feb. 20, 1909	Mar. 12, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
3821	Bulkhead between 104th and 105th Sts., H. R.....	Repairs to shed, E. R. Feed Co...	Superseded by B. O. 3909	Order was returned	.....
3909	Between 104th and 105th Sts., H. R....	Remove frame building, E. R. Feed Co.....	Superseded by B. O. 3821	Not commenced	.....
[ 7225	Pier foot 112th St., H. R.....	Repairs to north half, Henry L. Joyce.....	May 8, 1909	May 13, 1909	.....
7234	Pier foot 112th St., H. R.....	Repairs to north side of pier where damaged, N. Y., N. H. & H. R. R. Co., Henry L. Joyce, Lessee.....	May 26, 1909	June 25, 1909	.....
7544	Pier Foot 112th St., H. R.....	Placing of portable house on wheels, Henry L. Joyce.....	July 8, 1909	July 8, 1909	.....
7886	Pier foot of 112th St., H. R.....	Maintain automatic tide gauge, Engrs. War Dept.....	Nov. 9, 1909	In progress...	.....
7818]	Foot of 118th St., H. R.	Piercing the bulkhead, Man. Com. of Pub. Works.....	Nov. 28, 1909	In progress...	.....
[ 7486	Pier foot 119th St., H. R.....	Placing of water main under pier, Dept. W. S., G. & E.....	May 22, 1909	July 28, 1909	.....
7724	Between 119th and 120th Sts., H. R....	General repairs to bulkhead north side, Curtis-Blaisdell Co.	Aug. 24, 1909	Sept. 9, 1909	.....
7042	From 124th to 123d Sts., H. R.....	Transferring boat house, E. S. Democratic Club.....	Feb. 8, 1909	April 21, 1909	.....
7599	Foot of 124th St., H. R.	Construction of crib and shed, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned Oct. 28, 1909	.....
7408	Foot of 124th St., H. R.	Construction of platform and shed, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned June 9, 1909	.....
7613	Foot of 124th St., H. R.	Construction of cribs and buildings, Lehigh Valley R. R.....	Superseded by B. O. 7144	Order ret'ned Oct. 28, 1909	.....
7144	Near foot of 124th St., H. R.....	Construction of platform and shed, Lehigh Valley R. R. Co...	June 15, 1909	Oct. 2, 1909	.....
[ 6931	Foot of 127th St., H. R., immediately west of line of First Avenue.....	Repairs to bulkhead, Estate of P. D. Ingrahm.....	.....	Order ret'ned May 12, 1909	.....
[ 6836	Foot of 2d Avenue and 129th St., Man.....	Repairs to decking and fender system of platform, Interborough R. T. Co.....	Dec. 3, 1908	Jan. 8, 1909	.....
6610	East 131st and 132d Sts., H. R.....	Subway and two manholes on marginal street, Empire City Subway Co., Ltd.....	Sept. 8, 1908	April 13, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6689	Lexington Avenue and 132d St., H. R., to 3d Avenue.....	Laying 25 5-inch C. I. pipes, Empire City Subway Co., Ltd.....	Mar. 17, 1909	April 13, 1909	On Manhattan side only
2340	Foot East 132d St., H. R.....	Construction of building, Fire Dept.....	Oct. 12, 1904	Feb. 11, 1909	.....
6642	132d St. and Lexington Ave., Man.....	Laying cast iron pipes, Empire City Subway Co.....	April 5, 1908	July 19, 1909	.....
7426	132d St. and Lexington Avenue, H. R....	Laying water main, Hanover Cont. Co.....	April 27, 1909	Aug. 18, 1909	.....
7005	Foot of 134th St., H. R.....	Erection of ice bridge, tally house, etc., Foster-Scott Ice Co.....	Order ret'ned Feb. 2, 1909		.....
7931	Foot of 136th St., H. R.....	Repairs to coal pockets, Sperry & Popham Coal Co., Ltd.....	Dec. 4, 1909	In progress...	.....
7271	Foot of Lexington Avenue, H. R.....	Repairs to ice bridge, Martin J. Kane.....	April 5, 1909	April 16, 1909	.....
7833	Foot Lexington Avenue, H. R.....	Replacing abutment 12 piles in runway, Harlem River Tow Boat Co.....	Oct. 28, 1909	Oct. 28, 1909	.....
7328	Foot of 2d Avenue, H. R.....	Repairs to pavement and manhole, N. Y. Edison Co.....	May 10, 1909	June 18, 1909	.....
7215	Foot 139th St., H. R....	Repairs to dumping board, Dept. Street Cleaning.....	Mar. 26, 1909	April 2, 1909	.....
6835	West 148th St., H. R....	Cluster of 5 piles, Interborough R. T. Co.....	Jan. 14, 1909	Jan. 15, 1909	.....
7124	151st St., H. R.....	Frame shed, Raferty Bros.....	Mar. 5, 1909	Aug. 1, 1909	.....
7723	Foot 156th St., H. R....	Piercing bulkhead and placing sewer pipe, Bureau of Sewers...	Sept. 6, 1909	Oct. 20, 1909	.....
3559	159th St. to Speedway, H. R.....	Improvement of waterfront, Interborough R. T. Co.....	Sept. 1, 1905	Substantially completed and ordered returned, Dec. 31, 1909	.....
7744	West 177th St., H. R....	Reinforced concrete wall and pile platform, Bronx Coal Co.....	Oct. 1, 1909	In progress...	.....
7902	West 177th St., H. R....	Coal pocket and trestle, Bronx Coal Co.....	Oct. 4, 1909	In progress...	.....
7595	West 171st St., H. R....	Repairs to deck of platform, Ogden Estate Co.....	Nov. 15, 1909	Dec. 2, 1909	.....
7041	Borough of the Bronx.	General repairs, N. Y., N. H. & H. R. R. Co.....	Expired Dec. 31, 1909		.....
6737	East 150th St.....	Coal pocket, Cramer & Meyer Co.	Oct. 15, 1908	Mar. 4, 1909	.....
6955	East 150th St.....	Coal car trestle, Cramer & Meyer Co.....	Nov. 18, 1908	Jan. 1, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7652	150th St., 233 feet north of.....	Coal pocket and trestle, H. G. Street.....	Aug. 20, 1909	Nov. 11, 1909	.....
S. O. 16322	Girard Avenue and 138th St.....	Dump ashes, etc., Jordan L. Mott	June 16, 1896	Feb. 10, 1909	.....
7005	East 134th St., E. R....	Ice bridge, scales, etc., Foster-Scott Ice Co.....	Superseded by B. O. 7049	.....	.....
7049	East 134th St., E. R....	Ice bridge, scales, etc., Foster-Scott Ice Co.....	Feb. 15, 1909	Mar. 12, 1909	.....
7419	East 134th St., E. R....	Runway, Osear Johnson.....	June 5, 1909	June 15, 1909	.....
6914	East 138th St., E. R....	Dumping board and approach, N. Y. Sanitary Utilization Co.....	Mar. 10, 1909	April 3, 1909	.....
6707	Walnut Avenue and 138th St.....	Mooring cribs, N. Y., N. H. & H. R. R. Co.....	Oct. 28, 1908	Suspended Aug. 1909	.....
5564	Cabot St., 100 feet West of.....	12 steel transfer bridges, N. Y., N. H. & H. R. R. Co.....	Oct. 2, 1907	In progress.....	.....
4049	Dupont St. to Tiffany St.....	Bulkheads, Oak Point Land & Dock Co.....	May 3, 1906	In progress.....	.....
5813	Truxton to Tiffany Sts.	Platform, Oak Point Land & Dock Co.....	June 25, 1908	In progress.....	.....
7097	Hunts Point Road.....	House, U. S. Vol. Sav. Corps.....	June 10, 1909	Superseded by B. O. 7571	.....
6806	Garrison Avenue.....	Coal pocket and hoisting plant, McConnell & Co.....	Aug. 1, 1908	Suspended	.....
7835	174th St. and Bronx River.....	Pile platform and bulkhead, Heintz & Siegel.....	Dec. 22, 1909	In progress.....	.....
7026	3d to 4th Sts., Westchester Creek.....	Filling inshore of a line 100 feet from bulkhead, Geo. J. Kuhne	Feb. 23, 1909	Suspended	.....
7456	177th St. and Chatterdon Avenue, Westchester Creek.....	Coal pocket, Thomas R. Thorne..	June 15, 1909	In progress.....	.....
7622	Bowne St., Westchester Creek.....	Platform, E. S. Prince Co.....	Oct. 4, 1909	In progress.....	.....
7195	Layton Avenue.....	Boathouse, White Cross Fishing Club.....	June 18, 1909	July 1, 1909	.....
7892	Layton Avenue.....	Boathouse, Klondyke Boat Club.	Nov. 17, 1909	In progress.....	.....
6770	Givans Creek, Baychester.....	Dredging and building a temporary dock, Jno. C. Rodgers, Jr..	Nov. 20, 1908	Suspended Jan., 1909	.....
7360	North of Fordham Road.....	Boat house, U. S. Vol. Life Saving Corps.....	May 22, 1909	Abt. Sept. 15, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
ISLANDS.					
6721	North Brothers Island.....	Place filling rear of wall, Health Dept.....	Nov. 16, 1908	Dec. 31, 1909	.....
6742	Rikers Island.....	Construction of 2 platforms, Dept. of Street Cleaning.....	Dec. 7, 1908	Feb. 18, 1909	.....
E. O. 8254	Rikers Island.....	Building rip-rap embankment, Roger L. Young.....	Sept. 9, 1908	July 22, 1909	.....
6580	Franklin St., City Island.....	Runway, Benj. F. Wood.....	Aug. 14, 1908	Oct. 20, 1909	.....
6670	City Island Avenue, City Island.....	Change of house location, A. L. Thwaite.....	Aug. 7, 1908	Mar. 1, 1909	.....
6807	City Island Avenue, City Island.....	Moving building outshore, James J. Feely.....	Dec. 1, 1908	Suspended	
6843	Platform, foot of Main St., City Island, Bronx.....	Repairs to fender piles and sheathing, Thomas B. Watson.	Order ret'ned June 24, 1909	Superseded by B. O. 7472	.....
6886	City Island Avenue, City Island.....	Moving building outshore, Louisa L. Pell.....	Sept. 29, 1908	Suspended	.....
7030	City Island Avenue, City Avenue.....	Moving building outshore, Jno. P. Kelly.....	Jan. 22, 1909	Mar. 31, 1909	.....
7128	Minneaford Avenue, City Island.....	Runway, Joseph C. Dixon.....	Mar. 5, 1909	Mar. 25, 1909	.....
7285	Fordham St., City Island.....	Waiting room, Watson Cont. Co.	May 2, 1909	In Progress...	.....
7387	Bowne St., City Island	Runway, Mrs. Rose F. Gerstle...	June 10, 1909	June 20, 1909	.....
7717	Pilot St., City Island..	Repairs to breakwater, Robert Jacobs.....	Oct. 12, 1909	Dec. 7, 1909	.....
BROOKLYN.					
6862	Borough of Brooklyn..	General repairs, P. R. R. Co.....	.....	Expired Dec. 31, 1909	.....
6907	Borough of Brooklyn..	General repairs and dredging, N. Y. Dock Co.....	.....	Expired Dec. 31, 1909	.....
6928	Borough of Brooklyn..	Repairs, Union Ferry Co.....	.....	Expired Dec. 31, 1909	.....
7040	Borough of Brooklyn..	General repairs, Erie R. R. Co....	.....	Expired Dec. 31, 1909	.....
7489	Borough of Brooklyn..	General repairs, Nassau Ferry Co.	.....	Expired Dec. 31, 1909	.....
7612	Stagg St., East of Morgan Avenue, English Kills.....	Coal tower, pocket and trestle, Mary S. Baker.....	July 21, 1909	Oct. 20, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7675	Montrose Avenue, Newtown Creek.....	Repairs to bulkhead, Vandervoort Realty Co.....	Aug. 8, 1909	Aug. 17, 1909	.....
7562	South of Grand St., Newtown Creek.....	Repairs to bulkhead, Theo. R. Chapman.....	July 10, 1909	July 20, 1909	.....
7313	Gardner Avenue, New- town Creek.....	Rebuilding of bulkhead, Chap- man Docks Co.....	April 22, 1909	May 19, 1909	.....
6760	Apollo St., Newtown Creek.....	Approach and dumping board, Borough Const. Co.....	Dec. 1, 1908	Feb. 8, 1909	.....
7497	Apollo and Pollock Sts., Newtown Creek.....	Crib and shed, Borough Develop- ment Co.....	July 10, 1909	Nov. 30, 1909	.....
7048	Vandervoort Avenue, Newtown Creek.....	Frame grinding building, Ameri- can Novelty & Manuf. Co.....	Feb. 20, 1909	April 17, 1909	.....
7159	Leyden St., Newtown Creek.....	Repairs to bulkhead and fender system, Standard Oil Co.....	Mar. 26, 1909	April 6, 1909	.....
6556	Freeman Street.....	Repairs to pier, Lowell M. Palmer	Feb. 23, 1909	Mar. 10, 1909	.....
7817	Freeman St., E. R.....	Repairs to pier, Lowell M. Palmer	Oct. 4, 1909	Dec. 16, 1909	.....
6874	Green St.....	Remove existing pier and con- struct new pier, N. Y. Tanning Co.....	Dec. 28, 1908	April 24, 1909	.....
7279	Noble St.....	Place floating bath, Comm. of Pub. Works.....	Placed June 16, 1909		.....
7644	Noble St.....	Waiting room, Dept. Pub. Char..	Aug. 31, 1909	Oct. 28, 1909	.....
7596	North 11th Street and North 12th St.....	Repairs to fender system on pier, Brooklyn Gas Co.....	July 19, 1909	Aug. 12, 1909	.....
7910	North 10th St. and North 11th St.....	Repairs to bulkhead and piers, Standard Oil Co.....	Nov. 23, 1909	Dec. 20, 1909	.....
7668	North 9th and North 10th St.....	Strengthening foundation for transfer bridge, Eastern Brook- lyn Dist. Terminal.....	June 10, 1909	June 11, 1909	.....
6924	North 2d St.....	Repairs, L. I. R. R. Co.....	Jan. 12, 1909	Jan. 12, 1909	.....
7431	North 2d St.....	Repairs to outer end, Reicher Towing Co.....	June 26, 1909	June 26, 1909	.....
8024	North 2d St.....	Installing attachment for tele- phone to hospital ship, Susque- hanna & N. Y. Telephone Co...	Dec. 23, 1909	In progress...	.....
8039	North 2d St.....	Installing a water pipe, Comm. on Prev. of Tuberculosis.....	Dec. 21, 1909	Dec. 28, 1909	.....
8027	Metropolitan Avenue..	Sheetpile bulkhead, Ezra B. Tut- tle.....	Dec. 10, 1909	In progress...	.....
7961	Metropolitan Avenue..	Sheetpile bulkhead, Ezra B. Tut- tle.....	Superseded by B. O. 80-7		.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7400	South 1st and South 2d Sts.....	Additions and alterations to structures, American Sugar Refining Co.....	June 15, 1909	In progress.....	
7332	South 1st, South 2d and South 3d Sts....	Repairs to pier and bulkhead, American Sugar Refining Co....	May 20, 1909	Sept. 5, 1909.....	
7861	South 2d and South 3d Sts.....	Steel trestles, American Sugar Refining Co.....	Nov. 11, 1909	In progress.....	
6868	South 5th St.....	Dumping board, Borough Const. Co.....	Dec. 1, 1908	Jan. 16, 1909.....	
7945	South 6th St.....	Replacing fence, N. Y. Terminal Co.....	Dec. 16, 1909	Dec. 18, 1909.....	
7171	Lemon St., Wallabout.	Removal of dump from Lemon St. to outer end of Clinton Avenue Ext., Department of Street Cleaning.....	Oct. 29, 1909	Nov. 3, 1909.....	
7876	Washington Avenue, Wallabout.....	Opening of pavement and repairs to subway, Edison Electric Illum. Co.....	Nov. 30, 1909	Nov. 30, 1909.....	
6870	Clinton Avenue.....	Dumping board, Borough Const. Co.....	Dec. 16, 1908	Jan. 8, 1909.....	
7039	Clinton Avenue.....	Office and fence, Borough Const. Co.....	Mar. 18, 1909	Mar. 30, 1909.....	
7243	Rodney St., Wallabout	Coal hoist and scales and occupation of 125 feet of Bulkhead, Albert H. Dollard.....	May 26, 1909	June 19, 1909.....	
7243	Rodney St., Wallabout.....	Occupation of 125 feet of bulkhead, Albert H. Dollard.....		Expired April 30, 1909.....	
7946	Rodney St., Wallabout.....	Placing a boiler, Albert H. Dollard.....	Dec. 11, 1909	Dec. 22, 1909.....	
7480	Wallabout Canal.....	Tally house, Albert H. Dollard.....	June 24, 1909	June 26, 1909.....	
7321	Keap St., Wallabout..	Repairs to crib bulkhead, Andrew Beard.....	April 26, 1909	May 15, 1909.....	
7534	Rodney St., Wallabout.....	Repairs to bulkhead, Scranton & Lehigh Coal Co.....	July 19, 1909	July 30, 1909.....	
6954	Cross St., Wallabout..	Ash pocket and extension to platform, Brooklyn Union Gas Co..	April 1, 1909	Aug. 14, 1909.....	
7709	Hudson Avenue.....	Extension to pier and shed extension, National Lead Co.....	Aug. 27, 1909	Oct. 23, 1909.....	
7655	Hudson Avenue and Gold street.....	Platform, National Lead Co.....	Oct. 25, 1909	Dec. 27, 1909.....	
7887	Gold St. and Hudson Avenue.....	Steel coal tower and bridge, National Lead Co.....	Nov. 16, 1909	In progress.....	
6819	Gold St.....	Sewer Outlet, Bureau of Sewers..	Nov. 1, 1908	Aug. 1, 1909.....	
6869	Fulton Ferry.....	Dumping board, Borough Const. Co.....	Dec. 12, 1908	Jan. 15, 1909.....	

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7845	Montague St.....	Widening existing and constructing new pier, New York Dock Dock Co.....	Oct. 25, 1909	In progress...	.....
6825	Joralemon to Irving Sts.....	Extensions to piers 19 to 30, New York Dock Co.....	Nov. 1, 1908	July 15, 1909	.....
6821	Harrison and Baltic Sts.....	Dumping Board, Borough Development Co.....	Nov. 30, 1908	Jan. 20, 1909	.....
7135	Dwight and Otsego Sts.....	Air compressor house, John N. Robbins Co.....	Dec. 15, 1908	Jan. 20, 1909	.....
7452	Halleck, Columbia and Otsego Sts.....	Filling, Trustees of Estate of Wm. Beard.....	May 5, 1909	In progress...	.....
7665	Otsego and Dwight Sts.....	Alterations to electric pumping station, John M. Robbins.....	Aug. 10, 1909	Dec. 20, 1909	.....
7223	Erie Basin.....	Repairs, Wm. Beard Estate.....	.....	Expired Dec. 31, 1909	.....
7467	Erie Basin Breakwater	Two buildings, Union Sulphur Co.	May 1, 1909	Aug. 7, 1909	.....
4552	Douglas St.....	Constructing Gowanus flushing tunnel, John Pierce Co.....	Sept. 9, 1907	April 10, 1909	.....
7535	Douglas and Degraw Sts., Gowanus.....	Repairs to bulkhead, Scranton-Lehigh Coal Co.....	July 1, 1909	July 12, 1909	.....
7156	Gowanus Canal, north of Union St.....	Frame shed, John F. Schmadeke..	Mar. 9, 1909	Mar. 20, 1909	.....
6785	Pier No. 52, Erie Basin	Pier and floating dry dock, Jno. M. Robbins Co.....	Oct. 16, 1908	Jan. 26, 1909	.....
7241	3d and 4th Sts., Gowanus Canal.....	Removal of building, Louis C. Alsgood.....	April 1, 1909	May 7, 1909	.....
7796	3d St., Gowanus Canal	Repairs to crib bulkhead, John F. Schmadeke.....	Sept. 25, 1909	Oct. 1, 1909	.....
7829	4th St. and 3d Avenue, Gowanus.....	Coal hopper, pocket, etc., Bklyn. Imp. Co., owner, Powell & Titus, occupants.....	Oct. 29, 1909	Dec. 18, 1909	.....
7745	4th and 5th Sts., Gowanus.....	Repairs to bulkhead, Bklyn. Imp. Co.....	Sept. 3, 1909	Sept. 17, 1909	.....
6992	5th St., Gowanus.....	Repairs to bulkhead, Jno. J. Hill Estate.....	Jan. 11, 1909	Jan. 22, 1909	.....
7021	5th St. to Bond St., Gowanus.....	Repairs to bulkhead, Bklyn. Imp. Co.....	Jan. 16, 1909	Jan. 22, 1909	.....
7022	5th St. to Bond St., Gowanus.....	Repairs to bulkhead, Woods Estate.....	Jan. 15, 1909	Jan. 21, 1909	.....
7852	Bond St., Gowanus....	Repairs to crib bulkhead, Leonard Michel Brewing Co.....	Oct. 23, 1909	Dec. 10, 1909	.....
7479	6th St. Basin.....	Two ash receiving sheds, Borough Devel. Co.....	July 20, 1909	Nov. 12, 1909	.....



## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7435	6th St. Basin.....	Frame shelter, Bklyn. Imp. Co...	May 15, 1909	Aug. 1, 1909	.....
7087	6th St., Gowanus....	Extension to dumping board, P. F. & W. A. Kane.....	Feb. 15, 1909	Feb. 24, 1909	.....
6749	6th St. Basin, Gowanus	Approach to dumping board, Bor. Const. Co.....	Dec. 1, 1908	Jan. 16, 1909	.....
7035	Huntington St., Gowanus.....	Cement shed and fence, N. Ryan Co.....	Jan. 15, 1909	Feb. 17, 1909	.....
7160	Huntington St., Gowanus.....	Open shed, N. Ryan Co.....	Mar. 11, 1909	April 14, 1909	.....
7245	Huntington St., Gowanus.....	Fence, Jas. Lanigan.....	Mar. 15, 1909	April 15, 1909	.....
7117	7th St., Gowanus....	Covered dumpboard, Borough Const. Co.....	Mar. 22, 1909	May 7, 1909	.....
7244	9th St., Gowanus....	Coal bin and railway, Coney Isl. & Bklyn. R. R. Co.....	Mar. 15, 1909	April 19, 1909	.....
7308	Creamer to Sigourney Sts., Gowanus.....	Repairs to fender system, Estate of S. W. Bowne.....	April 30, 1909	May 11, 1909	.....
7458	23d St.....	Platform on piles, Tebo Yacht Club.....	June 20, 1909	Suspended	.....
6852	25th to 27th Sts.....	General repairs, D., L. & W. R. R. Co.....		Expired Dec. 31, 1909	.....
7118	27th St.....	Construction Dumpboard, Borough Devel. Co.....	Mar. 2, 1909	May 7, 1909	.....
7498	27th St.....	Shed, Borough Devel. Co.....	June 5, 1909	June 29, 1909	.....
7631	33d St.....	Construction of intake pipe by Bush Terminal Co.....	Nov. 11, 1909	Discontinued. Nov. 13, 1909	.....
7690	34th St.....	Removal of boathouse by John Maloney.....	Sept. 16, 1909	Oct. 10, 1909	.....
7691	34th St.....	Removal of boathouse by Louis Eysel and John Lund.....	Sept. 16, 1909	Oct. 10, 1909	.....
7273	36th St.....	Extension inshore of bulkhead at market site by President of Borough of Brooklyn.....	Dec. 24, 1909	In progress...	.....
7504	36th St.....	Dumping of cellar dirt in the vicinity, by Barth. S. Cronin....	June 28, 1909	In progress...	.....
5624 and 6447	39th St.....	Extension of sewer by Johns-Manville Co.....		Jan. 15, 1909	.....
6950	39th St.....	Placing tally house by Borough Const. Co.....	Jan. 10, 1909	Mar. 31, 1909	.....
S. O. 21424	43d to 51st Sts.....	Construction of five new piers, Bush Co., Ltd.....	June 9, 1901	Oct. 30, 1909	.....
7797 and 7865	51st St.....	Placing two transfer bridges and rack, by Bush Terminal Co....	Oct. 26, 1909	In progress...	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7904	51st St. ....	Erection of timber coal pocket, by Commercial Coal Co. ....	Nov. 16, 1909	In progress..	.....
7576	51st and 52d Sts. ....	Two gasoline motors on berth, American Ice Co. ....	July 14, 1909	July 16, 1909	.....
7274	59 to 60th Sts. ....	Runway and house, Excelsior Yacht Club. ....	April 22, 1909	June 21, 1909	.....
7092	60th St. ....	Filling, grading, erecting fence, etc., by Excelsior Yacht Club..	Feb. 20, 1909	In progress..	.....
7854	60th St. ....	Erection of boat house by Ameri- can Model Yacht Club. ....	Nov. 1, 1909	In progress..	.....
5913	64th to 65th Sts. ....	Bulkhead and rack, L. I. R. R. Co. ....	May 10, 1908	June 5, 1909	.....
5913	64th to 65th Sts. ....	Bulkhead and rack, L. I. R. R. Co. ....	May 10, 1908	Suspended	.....
7307	Bay 17th St. ....	Repairs to pier, N. Y. Children's Aid Society. ....	May 17, 1909	June 21, 1909	.....
7428	22d Avenue. ....	Platform and runway, Brooklyn Yacht Club Realty Co. ....	May 20, 1909	June 10, 1909	.....
7226	22d Avenue. ....	Walk and platform, Brooklyn Yacht & Realty Co. ....	Mar. 30, 1909	May 22, 1909	.....
6555	24th Avenue, Graves- end Bay. ....	Bulkhead and filling, Cropsey & Mitchell. ....	July 10, 1906	Suspended	.....
7305	25th Avenue. ....	Repairs to bulkhead, William Ul- mer. ....	April 20, 1909	May 10, 1909	.....
7361	Hubbard St. ....	31 fender piles, C. E. Robertson and E. M. Verity. ....	April 30, 1909	May 15, 1909	.....
5906	Bay 49th St. to Graves- end Ship Canal. ....	Filling in, Harway Imp. Co. ....	Aug. 20, 1908	In progress..	.....
6969	Shell Road, Coney Is- land Creek. ....	Repairs to bulkhead, Climax Coal Co. ....	Jan. 6, 1909	Mar. 1, 1909	.....
7754	Canal Avenue, be- tween West 35th and 36th Sts., Coney Island Creek. ....	Sheet pile bulkhead and filling, Somerville & Somerville. ....	Sept. 29, 1909	In progress..	.....
7568	20th and 21st Sts., Coney Island Creek	Repairs to bulkhead, Desmond- Dunne Co. ....	July 1, 1909	July 19, 1909	.....
7881	West 18th St., Coney Island Creek. ....	Repairs to existing bulkhead, Construction Material & Coal Co. ....	Nov. 15, 1909	In progress..	.....
7382	Brighton Pier, Coney Island. ....	Repairs to dock at shore end, Brighton Pier & Navigation Co. ....	May 5, 1909	May 24, 1909	.....
7634	Emmons Avenue, Sheepshead Bay. ....	Launching ways, Varuna Boat Club. ....	July 25, 1909	July 31, 1909	.....
7896	Emmons Avenue, and Shore Road. ....	Repairs to bulkhead, Dominick Olagner. ....	Nov. 1, 1909	Nov. 13, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7621	Rockaway Avenue, Canarsie.....	Open frame shed, Lawrence Mes- senger.....	July 30, 1909	Aug. 25, 1909	.....
7476	Rockaway Avenue, Canarsie.....	Two story frame building, Law- rence Messenger.....	June 10, 1909	July 6, 1909	.....
7336	North 9th St.....	Repairs to pier, Eastern Bklyn. Dist. Terminal.....	Apr. 15, 1909	July 1, 1909	.....
BOROUGH OF QUEENS.					
7710	16th Avenue, White- stone.....	Small pier on crib, Northrup Fow- ler.....	Sept. 3, 1909	Oct. 16, 1909	.....
6876	1st St. and 1st Avenue, College Point.....	Building, Wm. H. Kramer.....	Nov. 25, 1908	April 20, 1909	.....
7301	1st St. and 1st Avenue, College Point.....	Repairs to crib, bulkhead and runway, Mrs. Zehden.....	April 10, 1909	May 21, 1909	.....
7601	5th St., south of 3d Avenue, College Point.....	Crib bulkhead, American Hard Rubber Co.....	Sept. 1, 1909	In progress...	.....
7451	Victoria Place, College Point.....	Boathouse, Flushing Boat Club..	July 1, 1909	July 29, 1909	.....
6880	Flushing Creek, west of Causeway.....	Platform and bulkhead, Phoenix Const. Co.....	Dec. 10, 1908	July 1, 1909	.....
7232	Flushing Creek, W. S..	Pile platform, etc., Borough Devel. Co.....	April 27, 1909	Aug. 5, 1909	.....
7827	Flushing Creek, W. S..	Frame shed on platform, Borough Devel. Co.....	Oct. 7, 1909	Oct. 29, 1909	.....
6903	Amity St., Flushing Creek.....	Pile platform and retaining wall, C. W. Copp.....	Jan. 5, 1909	April 14, 1909	.....
7074	Jackson Avenue, Flushing.....	Bath houses, G. F. Frykberg.....	Mar. 15, 1909	Mar. 27, 1909	.....
6784	Luister Creek, Ber- rians Island.....	Pile platform and dyke, Astoria Light & Power Co.....	Dec. 15, 1908	In progress...	.....
7233	Steinway Creek, E. S.	Pile storage basin, Astoria Veneer Mills.....	April 1, 1909	April 27, 1909	.....
1620	Lawrence Point.....	Piers and bulkhead, Astoria Light & Power Co.....	Oct. 1, 1903	Continued under B. O. 6831	.....
6831	Berrians Island and Lawrence Point...	Bulkhead, Astoria Light & Power Co.....	Mar. 15, 1909	In progress...	.....
6953	Franklin St., Astoria..	Repairs to bulkhead, Astoria Marble Co.....	Jan. 2, 1909	Mar. 1, 1909	.....
6351	Broadway to Sanford St., Astoria.....	Platform, pier and crib bulkhead. S. Stephens Realty Co.....	July 3, 1908	In progress...	.....
7917	Sanford St., Astoria...	10 fender piles and repl. to plat- form, Jackson-McGlade Co....	Dec. 6, 1909	Dec. 9, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7633	Munson St., Astoria...	Runway, Thomas A. Finn.....	July 23, 1909	July 31, 1909	.....
7731	Main St., Astoria.....	Fender piles, Henry C. Menchen..	Aug. 20, 1909	Aug. 25, 1909	.....
7381	8th to 10th Sts., Long Island City.....	Rebuilding crib, Standard Oil Co.	May 22, 1909	July 3, 1909	.....
7912	13th St., Long Island City.....	Hauling steel canal boat on beach and breaking up of same. Standard Oil Co.....	Nov. 26, 1909	Dec. 15, 1909	.....
6939	11th St. Basin, Long Island City.....	Repairs to bulkhead, A. Klaber & Son, Geo. Call & Co.....	Jan. 2, 1909	Jan. 23, 1909	.....
7355	Borden Avenue and Front St.....	Crib bulkhead and pile platform, L. I. R. R. Co.....	June 12, 1909	Aug. 2, 1909	.....
7810	Vernon and West Avenues, Newtown Creek.....	Repairs to bulkhead, N. Y. Land & Warehouse Co.....	Oct. 4, 1909	Oct. 9, 1909	.....
7164	Dutch Kills, Newtown Creek.....	Repairs, L. I. R. R. Co.....		Expired Dec. 31, 1909	.....
6965	Hunters Point Avenue, Dutch Kills...	One story frame shed, Degnon Const. Co.....	Dec. 15, 1908	Feb. 2, 1909	.....
7399	Borden Avenue, Dutch Kills.....	Fender racks, L. I. R. R. Co.....	May 29, 1909	Aug. 30, 1909	.....
7356	Water to Hayward Sts., Dutch Kills...	Four concrete piers and Scherzer rolling bridge, L. I. R. R. Co....	June 25, 1909	In progress...	.....
7261	Bay View Avenue and The Strand, Jamaica Bay.....	Walkway and platform, Ed. J. Steiner.....	April 1, 1909	April 30, 1909	.....
6910	Bayview Avenue, Far Rockaway.....	Land under water, Ed. J. Steiner.	Dec. 1, 1908	Feb. 1, 1909	.....
6554	Rochester—Bay Avenue, Far Rockaway.	Filling and bulkheading, M. Edith Morgan.....	Aug. 1, 1908	Feb. 1, 1909	.....
7295	Rue de St. Felix and Dickerson Avenue, Wave Crest.....	Jetty, Banister Realty Co.....	Dec. 15, 1908 Jan. 8, 1909	Feb. 1, 1909 Jan. 15, 1909	.....
7294	Lucia Avenue, Atlantic Ocean.....	Jetty, Abraham Stein.....	Feb. 1, 1909	April 15, 1909	.....
7838	Neptune Avenue, Edgemere.....	Two jetties, Spray View Realty Co.....	Oct. 28, 1909	In progress...	.....
8025	Arverne - Edgemere, Atlantic Ocean.....	Jetties, N. Y. Waterfront Co.....	About Nov. 1, 1909	About Dec. 15, 1909	.....
6701	Kate Avenue, Jamaica Bay.....	Sheet pile bulkhead, Summerville Realty Co.....	Oct. 1, 1908	April 1, 1909	.....
7397	Dodge Avenue Rockaway.....	Six frame dwellings, Kate A. Feagan.....	May 20, 1909	June 16, 1909	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7047	Beach Avenue, Edgemere.....	Repairs to jetty, Lancaster & Sea Beach Imp. Co.....	Jan. 18, 1909	Mar. 20, 1909	.....
5355	Arverne, Amstell.....	Filling in of land, Summerville Realty Co.....	April 1, 1909	In progress...	.....
5271	Belle Harbor, Rockaway Point.....	Filling in of upland, West Rockaway Land Co.....	May 1, 1907	May 1, 1909	.....
7828	West of Belle Harbor, Jamaica Bay.....	Dredging and filling, Neponsit Realty Co.....	Oct. 20, 1909	In progress...	.....
7841	Beach Channel, West Bitz Hotel.....	Watch house, Wm. J. Hewlett....	Oct. 11, 1909	Nov. 15, 1909	.....
RICHMOND					
2550	St. George.....	About 200 feet of crib bulkhead, and about 300 feet of sheet pile bulkhead, at property owned by the Staten Island Rapid Transit Railway Co.....	Aug. 18, 1904	Suspended	.....
6083	St. George.....	Erection of a building and hose tower, on the northerly tying-up platform at the St. George Terminal, by the Fire Department.....	May 18, 1909	Nov. 18, 1909	.....
7016	St. George.....	Repairs to waterfront property, occupied by the Baltimore & Ohio R. R. Co.....	April 12, 1909	Dec. 31, 1909	.....
7281	St. George.....	The construction of a sewer from the temporary office of the Richmond Light & R. R. Co....	April 19, 1909	May 5, 1909	.....
3394	Tompkinsville, Pier 3, Arrietta St.....	Extending pier and shed on same, by the American Dock & Trust Co.....	June 27, 1905	Suspended	.....
6076	Tompkinsville, Pier 2.	Widening and extending pier, American Dock & Trust Co.....	April 3, 1908	July 15, 1909	.....
6552	Tompkinsville.....	Redriving of creosoted piles under the piers, by the American Dock & Trust Co.....	Oct. 16, 1908	Dec. 28, 1909	.....
7053	Tompkinsville, Grant Street.....	Repairs to timber basin, by I. T. Williams.....	Feb. 6, 1909	In progress...	.....
4663	Stapleton, Prospect St.	Repairs are being made to the long dock by Brady Bros.....	Oct. 5, 1906	In progress...	.....
5655	Stapleton, Elizabeth St.....	Construction of outlet sewer by the Commissioner of Public Works.....	Oct. 14, 1908	May 28, 1909	.....
5851	Stapleton, Canal St....	Placing small float stage on the south side of pier, by G. W. Stapleton.....	Sept. 10, 1909	.....	.....
6383	Stapleton, Prospect St.	Building crib work under pier and mill building at long dock by Brady Bros.....	Sept. 5, 1908	July 15, 1909	.....
7251	Stapleton, Canal St....	Placing filling by the Gore-Meehan Co.....	April 12, 1909	June 15, 1909	.....

## Work Supervised.

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
7286	Stapleton, Water St...	Placing small house and float by the New York Yacht Club.....	May 26, 1909	Oct. 5, 1909	.....
7518	Stapleton Ferry Terminal.....	Placing police telephone booth by the Police Department.....	July 2, 1909	Aug. 5, 1909	.....
7743	Stapleton, Canal St...	Establishment of a temporary telegraph office on pier by the Western Union Telegraph Co...	Sept. 20, 1909	Oct. 1, 1909	.....
7764	Stapleton Ferry-house, Canal St.....	Running telegraph wires to establish telegraph facilities during the Hudson-Fulton Celebration by the Postal Telegraph Caule Co.....	Sept. 22, 1909	Oct. 22, 1909	.....
7799	Stapleton, Canal St...	Erection of temporary structure on pier, by Rodgers & Haggerty	Oct. 1, 1909	Oct. 16, 1909	.....
7846	Stapleton, Water St., Front St.....	Construction of sheet pile bulkhead, by Thomas and Henry K. S. Williams.....	Oct. 23, 1909	In progress..	.....
3050	Clifton, Sylva Lane, and Sylvester Terrace.....	Fencing off from public use, two piers and also removal of the Clifton Boat House, such portions of said piers as have drifted to that point, at Clifton, by Nicholas Muller, owner. Broken portions of piers have been removed from the vicinity of the Clifton Boat House. Fencing off has not been done.....	Feb. 17, 1905	.....	.....
7734	Rosebank, Ives Place.	Construction of walk and landing platform, by Elizabeth R. Jenkins.....	Sept. 17, 1909	Nov. 10, 1909	.....
2479	Woodland Beach.....	Repairs to walk-way in front of Woodland Beach Hotel and Casino, leading to a fishing platform, and also fencing off said premises pending such repairs, by Alohonse Krenn. Premises fenced, work suspended.....	June 19, 1904	Suspended.	.....
7357	Princes Bay, Pleasant Plains.....	Repairs to landing pier, by the Mission of the Immaculate Virgin.....	May 28, 1909	June 7, 1909	.....
7602	Princes Bay, Princes Bay Avenue.....	Repairing platform, by Johnston Brothers Realty Co.....	July 21, 1909	In progress...	.....
7750	Richmond Valley, Beach Avenue.....	Repairs to pier, by Elmer T. Butler.....	Sept. 20, 1909	Dec. 17, 1909	.....
2978	Tottenville, Johnson Avenue.....	Canal boat placed, piles driven in front of same, earth filling deposited and runway erected by Hubbard R. Yetman.....	Dec. 22, 1904	In progress...	.....
5723	Tottenville, Arthur Kills.....	Construction of small pier by the Southern Ship Building Co.....	Dec. 2, 1907	Suspended.	.....

B. O.	LOCATION.	NATURE OF WORK.	BEGUN.	COMPLETED.	REMARKS.
6949	Tottenville, Main St...	Repairing pier by Frederick W. O. Schmitz.....	Dec. 30, 1908	Jan. 28, 1909	.....
7316	Tottenville, Beach and Central Avenues....	Construction of runway, by Jacob F. Oberle.....	June 21, 1909	Suspended.	.....
S. O. 21491	New Brighton.....	Erection of crib bulkhead by J. B. King & Co.....	Dec. 23, 1901	Suspended, injunction.	.....
5162	New Brighton, Jersey St.....	General repairs to water-front property, by J. B. King & Co...	Apr. 29, 1907	Suspended.	.....
7331	New Brighton, Franklin Avenue.....	Driving a close row of piles along the face of the bulkhead, by J. B. King & Co.....	May 4, 1909	May 14, 1909	.....
5900	West New Brighton...	General repairs to docks, by John H. Starin.....	Jan. 23, 1908	Dec. 31, 1909	.....
6320	West New Brighton, Columbia St.....	Placing filling by Wm. S. Van Clief.....	June 1, 1908	In progress...	.....
7150	West New Brighton, Davis Avenue.....	Construction of walk, by Clara C. Edwards.....	Mar. 9, 1909	Mar. 12, 1909	.....
7944	West New Brighton, Van Street, Kill von Kull.....	Laying of two water pipes by the Hudson County Water Co.....	Oct. 30, 1909	Suspended.	.....
S. O. 19709	Port Richmond, Bay and Simonson Avenues.....	Retaining structure and filling by Edward White.....	Mar. 6, 1909	In progress...	.....
7024	Port Richmond, Hausman Avenue.....	Construction of crib bulkhead, by the Standard Varnish Works...	Feb. 15, 1909	April 16, 1909	.....
7954	Port Richmond, Ferry St.....	Depositing ashes on the upland by the President of the Borough of Richmond.....	Dec. 10, 1909	.....	.....
1230	Mariners Harbor, Union and Central Avenues.....	Construction of dock and building ways, by the Marine Construction & Dry Dock Co.....	May 6, 1905	Suspended.	.....
1562 and 2687	Mariners Harbor, Central and Van Pelt Avenues.....	Pier and extension, built by Henry DuBois's Sons Co.....	Dec. 15, 1903	Suspended.	.....
5516	Mariners Harbor, Mesereau Avenue.....	Pier built by the Burlee Dry Dock Co.....	Aug. 28, 1907	May 21, 1909	.....
5992	Mariners Harbor, Hausman Avenue...	Dumping of ashes by the Standard Varnish Works.....	Mar. 12, 1908	In progress...	.....
6143	Mariners Harbor, Andros and Mesereau Avenues.....	Filling in between piers, extending pier and building bulkhead platform, by the Burlee Dry Dock Co.....	Mar. 2, 1909	May 20, 1909	.....
6935	Mariners Harbor, South Avenue.....	Construction of boathouse by Wm. M. Haughwout.....	Dec. 21, 1908	In progress...	.....
7352	Mariners Harbor, Richmond Terrace.....	Construction of pile platform and mooring rack, by William J. Rankin.....	May 12, 1909	In progress...	.....

Work Supervised.

## BOROUGH OF QUEENS.

## OCCUPANCY OF LOTS AT BROAD CHANNEL, JAMAICA BAY, BOROUGH OF QUEENS, UNDER PERMIT FROM THIS DEPARTMENT.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7060	F. J. Robinson.....	20	24	Jan 30, 1909
7114	John C. Groh.....	35	7	Mar. 1, 1909
7115	George Diemer.....	18	1	Feb. 1, 1909
7134	Paul Kenn.....	3	13	Mar. 1, 1909
7126	W. G. Grundkauch.....	30	33-36	Oct. 1, 1909
7169	Samuel Robinson..... John Flanagan.....	35	13	Mar. 12, 1909
7175	Conrad Young and Margaret Young.....	6	1	Mar. 15, 1909
7176	August Rietz.....	29	37	Mar. 15, 1909
7180	Owl Fishing Club.....	7	39	Mar. 18, 1909
7206	National Boat Club.....	19A	35	Mar. 22, 1909
7212	Susan T. Provost.....	17	14	April 1, 1909
7217	Ewald Bittorf.....	20	2	Mar. 22, 1909
7218	Fred Eckhardt.....	17 15	26 18	Mar. 24, 1909
7247	Edward Schuster.....	27	7, 8, 9, 10, 11	April 6, 1909
7248	Michael J. Curry.....	27	5	April 7, 1909
7249	J. X. Semar and J. F. Fessler.....	20	25	April 7, 1909
7272	Paul M. and Wm. Boest.....	111	1	April 7, 1909
7326	Mrs. C. E. Willett.....	42	1 and 2	April 30, 1909
7327	F. S. Ackerman.....	105	9	April 30, 1909
7340	Joseph Sibree.....	20 Board Wk	Lot 9	May 10, 1909
7344	Phillip Doling.....	30	43	May 7, 1909
7345	Charles P. Weis.....	109	14½ and-15	May 6, 1909
7346	John A. Schoepp.....	109	16½ and-15	May 6, 1909
7348	John S. Burnett.....	35	14	May 10, 1909
7362	William Carry.....	19	2 and 3	May 13, 1909
7366	Edward Mamman.....	2	1 and 2	May 13, 1909
7367	Gustav Hoppe.....	34	17	May 13, 1909
7374	Edwin Severin.....	22	8	May 12, 1909
7376	Robert A. Sharkey.....	34	6	May 14, 1909
7370	Thomas F. Cary.....	21	1	May 13, 1909
7388	Frederick G. Fank.....	34	16	May 18, 1909
7393	Charles J. Miller.....	30	32	May 21, 1909
7436	George Stenger.....	34	5	June 4, 1909
7439	Otto Schmidt.....	..	419	June 5, 1909



## Work Supervised.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7441	Lawrence L. Hart.....	109	11	June 8, 1909
7442	Martha W. Harbott.....	45	17, 18, 19, 20	June 7, 1909
7443	Local Bond & Mortgage Co.....	30	35 and 36	June 7, 1909
7469	Christian Hoobs.....	14	21	June 17, 1909
7470	Joseph G. Kenn.....	3	12	June 17, 1909
7514	Herman Hoffman.....	2	111	June 26, 1909
7520	Valentine Elbert.....	17	17	June 29, 1909
7521	Louis H. Eucker.....	19B	5	June 29, 1909
7532	William Carry.....	Removal of	toilet.	July 8, 1909
7577	Niel J. Skou.....	111	3	July 13, 1909
7578	Harry C. Johnson.....	28	11	July 16, 1909
7579	Geo. J. Van Nostrand.....	28	8	July 13, 1909
7580	George Kinder.....	15	17	July 13, 1909
7581	P. O'Connor.....	35	4	July 13, 1909
7582	Thomas E. Rand.....	30	31	July 13, 1909
7656	William H. Leonhard.....	..	140	Aug. 10, 1909
7658	W. J. Casey.....	47	3	Aug. 12, 1909
7662	Ira J. Ackerman.....	2	3	Aug. 12, 1909
7674	Mary A. Winkelseth.....	14	7 and 14	Aug. 16, 1909
7679	Mrs. Wm. VanBrunt.....	45	21A, 22, 23, 24	Aug. 16, 1909
7699	George J. Butt.....	12	16	Aug. 23, 1909
7696	Rose Ringston.....	12	19	Aug. 19, 1909
7701	Anna Winters.....	109	6	Aug. 24, 1909
7711	John Arbuckle and Bernard Dougherty.....	13	4	Aug. 31, 1909
7725	Joseph Stehle.....	2	4	Sept. 7, 1909
7726	Henry Schuler.....	2	6	Sept. 7, 1909
7727	F. J. Sperling.....	1	12	Sept. 7, 1909
7729	H. L. C. Wenk.....	7	6 and 7	Sept. 7, 1909
7803	George Kruckey.....	19A	37	Oct. 4, 1909
7807	Ellen C. Mahlon.....	109	5	Oct. 5, 1909
7816	Henry A. Ranken.....	7	30	Oct. 6, 1909
7822	August G. Faber.....	19B	7	Oct. 7, 1909
7844	Christian Hoobs.....	14	21A	Oct. 22, 1909
7913	Joseph Stehle.....	2	19, 20, 21	Nov. 19, 1909
7939	Alfred E. Homberg.....	100	7A	Dec. 1, 1909
7938	Alfred E. Homberg.....	101	7	Dec. 1, 1909
7988	Jacob J. Velten.....	22	142, 142A	Dec. 10, 1909
7965	John G. Groh.....	35	9	Dec. 9, 1909

## Work Supervised.

B. O.	LESSEE.	BLOCK.	LOT.	DATE OF PERMIT.
7967	Gayety Yacht Club.....	19A	4	Dec. 10, 1909
7968	William Carry.....	19A	2, 3	Dec. 10, 1909
8000	Frank Denig.....	111	5	Dec. 14, 1909
8001	Arthur Tarrant.....	111	4	Dec. 14, 1909

## BOROUGH OF QUEENS.

## LOTS AT THE RAUNT, ROCKAWAY POINT, OCEANUS AVENUE, EAST HIGH MEADOW, AND DUCK CREEK MARSH.

B. O.	LESSEE	DATE OF PERMIT.
7657	Matthew J. Sullivan..... Lots 422 to 424 Raunt.....	Aug. 21, 1909
7700	Joseph G. Weishaupt..... Lot 425, Raunt.....	Aug. 23, 1909
7170	Thomas Martin..... Lot 415, Raunt.....	Mar. 12, 1909
7177	John F. Chantrell..... Lot 414, Raunt.....	Mar. 12, 1909
7178	James L. Jordan..... Rebuilding boardwalk, Raunt.....	Mar. 15, 1909
7250	Thomas F. Martin..... 416, Raunt.....	April 7, 1909
7418	John F. Chantrell..... 414, Raunt.....	Mar. 12, 1909
7450	Sigfred Bernhards..... 420, Raunt.....	June 12, 1909
7445	Big Four Fishing Club..... 418, Raunt.....	June 12, 1909
7502	Edward J. McGlynn..... 122, Raunt.....	June 24, 1909
7735	Alfred E. Dillman..... 426, Raunt.....	Sept. 13, 1909
7999	Frank Schmitt..... 428, Rockaway Point.....	Dec. 14, 1909
7413	John E. Scher..... Occupation ft. Oceanus Ave.,	June 1, 1909
7410	John B. Merrill..... 417, East High Meadow.....	June 3, 1909
7990	Charles G. Strang..... Lot 96, East High Meadow. Re- moval of shanty by Department.	Dec. 14, 1909
8032	Alexander Watts..... Lot 97, Duck Creek Marsh.....	Dec. 22, 1909

## OCCUPANCY OF LOTS FLATLANDS BAY, JAMAICA BAY, BOROUGH OF BROOKLYN, UNDER PERMIT FROM THIS DEPARTMENT.

7485	William Brown..... East 59th to East 60th Sts., Flatlands Bay.....	June 23, 1909
7506	Walter S. Lloyd..... East 59th to East 60th Sts., Flatlands Bay.....	June 25, 1909
7507	C. Winchester..... East 59th to East 60th Sts., Flatlands Bay.....	June 25, 1909
7714	Rudolph Spielman..... East 59th to East 60th Sts., Flatlands Bay.....	Sept. 7, 1909
7214	T. O'Shea..... East 59th to East 60th Sts., Flatlands Bay.....	Mar. 22, 1909

## BULKHEAD WALL BUILT PRIOR TO DECEMBER 31, 1909.

## NORTH RIVER.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Boat Landing.....	171.00	171.00	.....	.....
Breakwater at Pier "A".....	.....	404.33	.....	.....
Battery.....	270.00	270.00	.....	.....
Rector Street.....	298.25	.....	298.25	.....
Liberty Street.....	172.90	.....	.....	172.90
Cedar Street.....	334.60	334.60	.....	.....
Dey Street, extended.....	20.00	20.00	.....	.....
Dey Street.....	241.90	.....	241.90	.....
West Washington Market.....	578.17	578.17	.....	.....
Barclay Street.....	153.05	.....	.....	153.05
Barclay Street, extended.....	139.07	.....	139.07	.....
Park Place.....	226.24	.....	226.24	.....
Murray Street.....	160.40	.....	160.40	.....
Warren Street.....	246.26	246.26	.....	.....
Chambers Street.....	651.80	651.80	.....	.....
Jay Street.....	216.67	216.67	.....	.....
Franklin Street.....	415.95	415.95	.....	.....
North Moore Street.....	340.23	340.23	.....	.....
Beach Street.....	196.00	196.00	.....	.....
Laight Street.....	595.43	595.43	.....	.....
Desbrosses Street.....	414.76	.....	.....	414.76
Watts Street.....	65.00	65.00	.....	.....
Watts Street, extended.....	125.00	125.00	.....	.....
Canal Street, south.....	131.03	.....	.....	131.00
Canal Street, extended.....	145.62	145.62	.....	.....
Canal Street.....	333.74	333.74	.....	.....
Spring Street.....	139.92	139.92	.....	.....
Charlton Street.....	406.74	406.74	.....	.....
Old King Street.....	148.41	148.41	.....	.....
New King Street.....	114.49	114.49	.....	.....
Lower Clarkson Street.....	152.91	152.91	.....	.....
West Houston Street.....	109.89	109.89	.....	.....
Upper Clarkson Street.....	102.51	102.51	.....	.....
Leroy Street.....	561.46	561.46	.....	.....

## Bulkhead Wall.

SECTION.	Length of Section	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Morton Street.....	151.33	151.33	.....	.....
Christopher Street.....	1,095.22	1,095.22	.....	.....
Perry Street (abandoned).....	.....	96.56	(since removed.)	.....
Gansevoort Street.....	2,133.61	2,054.31	.....	.....
Chelsea Section.....	3,729.64	3,629.92	.....	.....
West 23d Street, south end.....	1,238.20	1,229.64	.....	.....
West 23d Street, north end.....	615.42	615.42	.....	.....
West 31st Street.....	257.50	257.50	.....	.....
West 32d Street.....	515.00	515.00	.....	.....
West 33d Street.....	98.75	98.75	.....	.....
West 34th Street.....	198.75	194.00	.....	.....
West 37th Street to West 38th Street..	197.50	.....	.....	197.50
West 41st Street.....	257.50	.....	.....	.....
West 42d Street.....	621.67	617.43	.....	.....
West 52d Street, south end.....	404.66	404.66	.....	.....
West 52d Street, north end.....	1,043.30	1,043.30	.....	.....
West 57th Street.....	762.50	762.50	.....	.....
West 59th Street.....	320.83	124.92	.....	.....
Claremont Section.....	1,364.09	985.05	.....	.....
Carmansville.....	1,433.89	777.10	.....	.....
Total bulkhead wall, North River..	24,818.76	21,498.74	1,065.86	1,069.24

## EAST RIVER.

Whitehall Terminal, S. I. Ferry.....	175.12	175.12	.....	.....
Whitehall.....	459.87	459.87	.....	.....
Broad Street.....	738.72	738.72	.....	.....
Old Slip.....	1,150.07	997.00	.....	.....
Maiden Lane.....	701.67	701.67	.....	.....
Fulton Street.....	777.94	551.48	.....	.....
Peck Slip.....	349.48	349.48	.....	.....
James Slip.....	326.00	212.40	.....	.....
West of James Slip.....	.....	2.00	.....	.....
Catharine Street.....	177.00	134.53	.....	.....
Market Street.....	800.91	800.91	.....	.....
Rutgers Street.....	867.52	867.52	.....	.....
Jefferson Street.....	1,237.92	.....	.....	.....

## Bulkhead Wall.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Montgomery Street.....	472.32	137.03	.....	.....
Corlears Street.....	759.94	.....	.....	.....
Stanton Street.....	557.21	472.32	.....	.....
East 23d Street.....	2,454.86	2,391.09	.....	.....
East 24th Street.....	340.60	340.60	.....	.....
East 25th Street.....	276.24	276.24	.....	.....
Bellevue.....	543.81	543.81	.....	.....
New Bellevue.....	980.45	865.78	.....	.....
East 38th Street.....	608.08	434.91	.....	.....
Between East 39th and 40th Streets...	200.23	.....	200.23	.....
East 59th Street.....	1,459.50	.....	.....	.....
Yorkville.....	2,648.22	351.63	.....	.....
Blackwells.....	1,958.03	1,315.47	.....	.....
East 91st Street.....	375.88	260.54	.....	.....
East 94th Street.....	373.07	361.19	.....	.....
East 96th Street.....	200.92	200.57	.....	.....
East 99th Street.....	365.00	350.57	.....	.....
Total bulkhead wall, East River...	22,336.58	14,292.45	200.23	.....

## HARLEM RIVER.

East 102d Street.....	848.65	848.65	.....	.....
East 110th Street.....	856.00	758.85	.....	.....
East 116th Street.....	110.73	108.88	.....	.....
East 125th Street.....	367.27	362.70	.....	.....
Academy Street to West 201st Street...	201.00	.....	201.00	.....
Total bulkhead wall, Harlem River	2,383.65	2,079.08	201.00	.....

## BOROUGH OF THE BRONX.

East 184th St., H. R.....	.....	678.00	.....	.....
Rikers Island.....	8,887.23	8,750.00	.....	.....
North Brothers Island.....	.....	1,879.00	.....	.....
South of East 149th Street.....	.....	.....	480.00	.....
173d Street and Bronx River.....	.....	.....	313.00	.....
Classons Point Road.....	.....	710.00	.....	.....
Total bulkhead wall, Borough of the Bronx.....	8,887.23	12,017.00	793.00	.....

## Bulkhead Wall.

## BOROUGH OF BROOKLYN.

SECTION.	Length of Section.	Length built to date by City.	Built by Department at expense of private parties.	Built by private parties.
Whale Creek.....	1,133.02	.....	.....	.....
Wallabout Basin.....	2,755.00	2,755.00	.....	.....
Gowanus.....	2,142.82	570.29	.....	.....
36th to 37th Streets, South Brooklyn....	1,724.00	1,724.00	.....	.....
39th Street.....	261.35	261.35	.....	.....
Total bulkhead wall, Borough of Brooklyn.....	8,016.17	5,310.64	.....	.....
	BOROUGH OF	RICHMOND.		
Foot of Canal Street.....	747.82	747.82	.....	.....
	BOROUGH OF	QUEENS.		
Borden Avenue, East side of Dutch Kills .....		277.00	.....	.....
Borden Avenue, West side of Dutch Kills .....		210.00	.....	.....
Total bulkhead wall, Borough of Queens.....		487.00	.....	.....

## SUMMARY.

## Borough of Manhattan:

North River.....	23,633.48
East River.....	14,492.68
Harlem River.....	2,280.08
Borough of the Bronx.....	12,810.00
Borough of Brooklyn.....	5,310.64
Borough of Richmond.....	747.82
Borough of Queens.....	487.00
Total bulkhead wall built prior to December 31, 1909.....	59,762.06

New Wharfage Room.

STATEMENT SHOWING NEW WHARFAGE ROOM MADE BY THE CITY DURING  
THE YEAR ENDING DECEMBER 31, 1909.  
CONSTRUCTION UNDER "NEW PLAN."

## BULKHEAD WALL.

*Borough of Manhattan:*

## East River—

	Linear feet.	Linear feet.
Jefferson Section.....	137.03	
New Bellevue Section.....	262.00	
Yorkville Section.....	295.65	
	<hr/>	
Total bulkhead wall, East River.....		694.68

*Borough of Brooklyn:*

Gowanus Section.....		570.29
		<hr/>
Total bulkhead wall built under "New Plan".....		1,264.97

## PIERS, ETC.

*Borough of Manhattan:*

## North River—

	Linear feet.	Linear feet.
West 55th Street Pier, extension.....	462	
West 79th Street Pier, widening of inner end.....	358	
West 155th to West 158th Street, platform.....	497	
	<hr/>	
Total.....		1,317

*Borough of Queens:*

Jamaica Avenue Pier.....		388
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## TOTAL NEW WHARFAGE ROOM MADE UNDER "NEW PLAN."

	Linear feet.	Linear feet.
Bulkhead wall, East River, Borough of Manhattan.....	694.68	
Bulkhead wall, Borough of Brooklyn.....	570.29	
	<hr/>	
Total wall built under "New Plan".....		1,264.97
Piers, etc., on North River, Borough of Manhattan.....	1,317.00	
Piers, etc., in Borough of Queens.....	388.00	
	<hr/>	
Total piers, etc., built under "New Plan".....		1,705.00
		<hr/>
Total Construction under "New Plan".....		2,969.97

## New Wharfage Room.

## CONSTRUCTION WORK NOT UNDER "NEW PLAN."

*Borough of Manhattan:*

## North River—

Linear feet.

West 110th Street, platform for Hudson-Fulton Commission.....	1,161
East River—	
East 78th to East 79th Streets, by removal of platform.....	283
Harlem River—	
East 120th to East 121st Streets, by removal of platform.....	30

Total, Borough of Manhattan.....	1,474
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*Borough of The Bronx:*

Classons Point, by removal of platform.....	468
Classons Point, by new pier.....	374

Total, Borough of The Bronx.....	842
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*Borough of Brooklyn:*

51st Street, platform on north side.....	237
51st Street, extension to breakwater on south side.....	46

Total, Borough of Brooklyn.....	283
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## CONSTRUCTION WORK DONE FOR OTHER DEPARTMENTS.

## BULKHEAD WALL.

Linear feet.

Rikers Island (for Department of Correction).....	666
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## PIERS, ETC.

*Borough of Manhattan:*

Pier 32, E. R., extension to platform for Fire Department.....	94
Blackwell's Island, pier for Department of Public Charities.....	97
Blackwell's Island, pier for Department of Corrections.....	135

Total, Borough of Manhattan.....	326
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*Borough of The Bronx:*

North Brothers Island, pier widened for Health Department.....	121
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## TOTAL NEW WHARFAGE ROOM MADE NOT UNDER "NEW PLAN."

## BULKHEAD WALL.

Linear feet.

Riker's Island (Borough of The Bronx).....	666
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## PIERS, ETC.

*Borough of Manhattan:*

North River.....	1,161
East and Harlem Rivers.....	639
Total, Borough of Manhattan.....	1,800
<i>Borough of The Bronx</i> .....	963
<i>Borough of Brooklyn</i> .....	283
Total .....	3,046
Total Construction not Under "New Plan".....	3,712

## SUMMARY.

	Linear feet.
Total new wharfage room made under "New Plan".....	2,969.97
Total new wharfage room made not under "New Plan".....	3,712.00
Total new wharfage room made by the City.....	6,681.97

NEW WHARFAGE ROOM TO BE MADE BY WORK BEGUN BUT NOT FINISHED  
DURING THE YEAR ENDING DECEMBER 31, 1909.

## BULKHEAD WALL.

<i>North River:</i>	Linear feet.
West 42d Section.....	3.24
Claremont Section.....	379.04
Carmansville Section.....	656.73
Total bulkhead wall, North River.....	1,039.01
<i>East River:</i>	
Old Slip Section.....	153.07
Fulton Section.....	226.46
James Slip Section.....	113.60
Jefferson Section.....	1,100.89
Montgomery Section.....	472.32
Corlears Section.....	759.94
New Bellevue Section.....	134.65
East 59th Street Section.....	1,459.50
Yorkville Section.....	2,296.59
Blackwell's Section.....	642.56
Total bulkhead wall, East River.....	7,359.58

New Wharfage Room.

*Borough of The Bronx:*

Wall around Riker's Island..... 137.23

*Borough of Brooklyn:*

Whale Creek Section..... 1,133.02  
Gowanus Section..... 1,572.53

Total bulkhead wall, Borough of Brooklyn..... 2,705.55

CONSTRUCTION UNDER "NEW PLAN."

PIERS.

<i>North River:</i>	Linear feet.
Pier 11.....	950
West 40th Street Pier, extension.....	460
West 79th Street Pier.....	358
West 129th Street Pier, extension.....	210
West 134th Street Pier, extension.....	676
West 157th Street Pier.....	460
Total.....	3,114

*Borough of Brooklyn:*

Whale Creek Section, 2 piers.....	2,971.80
Gowanus Section, 31st Street Pier.....	3,100.00
Gowanus Section, 28th to 36th Streets.....	15,700.94
Total.....	21,772.74

TOTAL NEW WHARFAGE ROOM TO BE MADE BY WORK BEGUN BUT NOT FINISHED DURING THE YEAR ENDING DECEMBER 31, 1909.

BULKHEAD WALL.

<i>Borough of Manhattan:</i>	Linear feet.	Linear feet.
North River.....	1,039.01	
East River.....	7,359.58	
Total, Borough of Manhattan.....	8,398.59	
<i>Borough of The Bronx:</i>		
Rikers Island.....	137.23	
<i>Borough of Brooklyn.....</i>	2,705.55	
Total bulkhead wall.....	11,241.37	

PIERS, ETC.

<i>Borough of Manhattan:</i>	Linear feet.
North River.....	3,114.00
<i>Borough of Brooklyn.....</i>	21,772.74
Total piers, etc.....	24,886.74

## SUMMARY.

	Linear feet.
Total new bulkhead wall begun but not finished.....	11,241.37
Total new piers, etc., begun but not finished.....	24,886.74
	<hr/>
Total new wharfrage room to be made by work begun but not finished.	36,128.11

WHARFAGE ROOM DESTROYED BY THE CITY DURING THE YEAR ENDING  
DECEMBER 31, 1909, IN MAKING ROOM FOR NEW IMPROVEMENTS.

*Borough of Manhattan:*

North River—	Linear feet.
Pier 11, by extension.....	50
West 40th Street Pier, by extension.....	60
West 79th Street Pier, widening of inner end.....	465
West 129th Street, by extension .....	60
West 134th Street, by extension .....	60
West 155th Street to West 158th Street, by platform.....	447
West 157th Street, by pier.....	60
	<hr/>
Total, North River.....	1,202

*East River—*

Oliver Street, pier and platform, south.....	473
Pier 32, by platform, south side.....	72
East 78th Street to East 79th Street, removal of platform.....	288
Blackwells Island, pier .....	34
Blackwells Island, platform .....	97
	<hr/>
Total, East River.....	964

*Harlem River—*

East 120th Street, by removal of platform.....	135
	<hr/>
Total, Harlem River.....	135

*Borough of The Bronx:*

North Brothers Island, widening of dock.....	101
Classons Point, removal of platform.....	8
Classons Point, by new platform.....	20
	<hr/>
Total, Borough of The Bronx.....	129

*Borough of Brooklyn:*

Whale Creek and Newtown Creek, by dredging.....	1,445
31st Street, by pier .....	150
51st Street, by platform on N. S.....	30
51st Street, by extension to breakwater.....	6
	<hr/>
Total, Borough of Brooklyn.....	1,631

New Wharfage Room.

**Borough of Queens:**

Jamaica Avenue, by pier.....	62
Nott Avenue, by dredging.....	910
Total, Borough of Queens.....	972

SUMMARY.

	Linear feet.	Linear feet.
<b>Borough of Manhattan:</b>		
North River .....	1,202	
East River .....	964	
Harlem River .....	135	
Total, Borough of Manhattan.....		2,301
<b>Borough of The Bronx.....</b>		129
<b>Borough of Brooklyn.....</b>		1,631
<b>Borough of Queens.....</b>		972
Total wharfage room destroyed by The City during the year ending December 31, 1909.....		5,033

INCREASE IN AREA OF THE CITY'S PIERS DURING THE YEAR  
ENDING DECEMBER 31, 1909.

**Borough of Manhattan:**

	Square feet.
<b>North River—</b>	
West 55th Street, extension.....	12,126
West 79th Street, widening inner end.....	4,775
West 155th to West 158th Street, platform.....	15,756
Total .....	32,657
<b>East River—</b>	
Pier 32, extension to platform.....	1,653
Blackwells Island Pier.....	1,734
Blackwells Island, extension to platform.....	1,540
Total .....	4,927
<b>Borough of The Bronx:</b>	
North Brothers Island.....	1,013
Classons Point, platform.....	5,870
Total .....	6,883

**Borough of Brooklyn:**

51st Street, platform.....	3,110
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**Borough of Queens:**

Jamaica Avenue Pier.....	9,775
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New Wharfage Room.

## SUMMARY.

	Square feet.	Square feet.
<i>Borough of Manhattan:</i>		
North River.....	32,657	
East River.....	4,927	
Total.....		37,584
<i>Borough of The Bronx</i> .....		6,883
<i>Borough of Brooklyn</i> .....		3,110
<i>Borough of Queens</i> .....		9,775
Total increase.....		57,352

INCREASE IN AREAS OF NEWLY MADE LAND OWNED BY THE CITY DURING  
THE YEAR ENDING DECEMBER 31, 1909.*Borough of Manhattan:*

	Square feet.
North River—	
West 155th to West 158th Street (Carmansville Section).....	64,100
East River—	
Jefferson Section.....	6,750
New Bellevue Section.....	40,500
Yorkville Section.....	4,500
Blackwells Section.....	6,750
Total .....	58,500

*Borough of Brooklyn:*

Gowanus Section.....	133,000
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## SUMMARY.

	Square feet.	Square feet.
<i>Borough of Manhattan:</i>		
North River.....	64,100	
East River.....	58,500	
Total.....		122,600
<i>Borough of Brooklyn</i> .....		133,000
Total increase in area of newly made land owned by the City.....		255,600

TABLE SHOWING AREA OF GRANITE PAVEMENT LAID DURING THE YEAR  
ENDING DECEMBER 31, 1909.

## NEW PAVEMENT LAID BY DEPARTMENT FORCE.

	Square yards.	Square yards.
East River—		
Maiden Lane Section.....	420	
New Bellevue Section.....	69	
Blackwell Section.....	2,605	
Tompkins Street, bet. Houston and Stanton Streets..	878	
		3,972

## New Wharfage Room.

## PAVEMENT TAKEN UP AND RELAID BY DEPARTMENT FORCE.

*Borough of Manhattan:*

	Square yards.	Square yards.
North River.....	29,559	
East River.....	17,742	

*Borough of Brooklyn:*

Gowanus Section.....	1,300	
		48,601
Total pavement laid.....		52,573

NEW WHARFAGE ROOM MADE BY PRIVATE PARTIES, LESSEES AND OTHERS,  
UNDER PERMIT OR ORDER FROM THE COMMISSIONER OF DOCKS,  
DURING THE YEAR ENDING DECEMBER 31, 1909.

*Borough of Manhattan:*

	Linear feet.
North River—	
West 32d Street, by removal of pier.....	100
East River—	
East Street, between Water and Cherry Streets, platform.....	90
East 39th Street, by cutting away inner end.....	82
East 62d to East 63d Streets, platform.....	111
East 124th Street, platform.....	329
Total .....	612
Total, Borough of Manhattan.....	712

*Borough of The Bronx:*

Riker's Island, two platforms.....	402
173d Street, Bronx River, concrete wall.....	313
Givan's Creek, Baychester, platform.....	715
Franklin Street, City Island.....	502
Total, Borough of The Bronx.....	1,932

*Borough of Brooklyn:*

South side Newtown Creek, 610 feet west of Gardner Avenue, bulkhead..	125
Appollo and Pollock Streets, Newtown Creek, crib.....	108
Greene Street, pier.....	837
Gold and Quay Streets, structure for sewer.....	330
Hudson and Gold Streets, platform.....	291
Hudson Avenue, extension to pier.....	132
Joralemon to Irving Streets, extension to piers.....	2,421
Pier 52, Erie Basin, pier.....	1,215
43d to 51st Streets, piers.....	9,293
64th to 65th Streets, bulkhead and rack.....	2,149
22d Avenue, 208 feet south of, platform and runway.....	1,155
Bay 49th Street to Gravesend Ship Canal, bulkhead.....	3,337
Total, Borough of Brooklyn.....	21,393

*Borough of Queens:*

Whitestone, 16th Avenue, pier.....	364
Flushing Creek, north side of Causeway, platform and bulkhead.....	751
Amity Street, Flushing Creek.....	430
Flushing Creek, platform.....	250
Borden Avenue, L. I. C., platform and bulkhead.....	119
Borden Avenue, racks.....	133
Rochester Avenue, Far Rockaway, bulkhead.....	330
Bay View Avenue and The Strand, Far Rockaway, platform.....	375
Bay View Avenue, filling.....	345
Rue de St. Felix, Wavecrest, jetty.....	560
Dickerson Avenue, Wavecrest, jetty.....	480
Lucia Avenue, Edgemere, jetty.....	409
Kate Avenue, Arverne.....	1,988
Belle Harbor, Jamaica Bay.....	2,088
<hr/>	
Total, Borough of Queens.....	8,614

*Borough of Richmond:*

Arrietta Street, pier widened and extended.....	1,622
Arlington Avenue, bulkhead.....	270
Mersereau Avenue, pier.....	812
Davis Avenue, platform.....	90
Iowa Place, walkway.....	447
Water Street to Prospect Street, bulkhead.....	360
Houseman Avenue, bulkhead.....	360
<hr/>	
Total, Borough of Richmond.....	4,771

## SUMMARY.

*Borough of Manhattan:*

	Linear feet.	Linear feet.
North River .....	100	
East River .....	612	
<hr/>		
Total, Borough of Manhattan.....	712	
<i>Borough of The Bronx</i> .....	1,932	
<i>Borough of Brooklyn</i> .....	21,393	
<i>Borough of Queens</i> .....	8,614	
<i>Borough of Richmond</i> .....	4,771	
<hr/>		

Total new wharfage room made by private parties, lessees and others  
during the year ending December 31, 1909..... 37,422

New Wharfage Room.

OLD WHARFAGE ROOM DESTROYED BY PRIVATE PARTIES, LESSEES AND  
OTHERS DURING THE YEAR ENDING DECEMBER 31, 1909, IN  
MAKING WAY FOR NEW IMPROVEMENTS.

*Borough of Manhattan:*

North River—	Linear feet.
West 32d Street Pier.....	1,459
East River—	Linear feet.
East Street, between Water and Cherry Streets, by platform	60
East 39th Street, cutting away inner end.....	80
East 62d Street to East 63d Street, by platform.....	99
Total, East River.....	239
Harlem River—	
East 124th Street, by platform.....	350
Total, Borough of Manhattan.....	2,048

*Borough of The Bronx:*

Rikers Island, by two platforms.....	260
173d Street, Bronx River, by wall.....	350
Givan's Creek, Baychester, dock.....	450
Franklin Street, City Island, by runway.....	7
Total .....	1,067

*Borough of Brooklyn:*

S. S. Newtown Creek, west of Gardner Avenue, bulkhead.....	125
Appollo and Pollock Streets, Newtown Creek, crib.....	80
Greene Street, pier.....	685
Gold and Quay Streets, structure for sewer.....	35
Hudson Avenue and Gold Streets, platform.....	353
Hudson Avenue, extension to pier.....	47
Joralemon to Irving Streets, extension to pier.....	474
Pier 52, Erie Basin, pier.....	1,168
43d to 51st Streets, piers.....	3,224
64th to 65th Streets, bulkhead.....	1,246
22d Avenue, 208 feet south of, platform and runway.....	8
Bay 49th Street to Gravesend Ship Canal, bulkhead.....	1,753
Total .....	9,198

*Borough of Queens:*

Whitestone, 16th Avenue, pier.....	9
Flushing Creek, N. S., west of causeway.....	680
Amity Street, Flushing Creek, platform.....	338
Flushing Creek .....	250



## New Wharfage Room.

Borden Avenue, platform and bulkhead.....	348
Borden Avenue, racks.....	129
Rochester Avenue, Far Rockaway, bulkhead.....	2,555
Bay View Avenue and The Strand, bulkhead and platform.....	6
Bay View Avenue and The Strand, filling.....	323
Rue de St. Felix, Wavecrest, jetty.....	8
Dickerson Avenue, Wavecrest, jetty.....	1,124
Lucia Avenue, Edgemere, jetty.....	8
Kate Avenue, Arverne, bulkhead.....	7,911
Belle Harbor, Jamaica Bay, bulkhead.....	2,760
<hr/>	
Total .....	16,449

*Borough of Richmond:*

Arlington Avenue, bulkhead.....	7
Mersereau Avenue, pier.....	262
Davis Avenue, platform.....	10
Ives Place, walkway.....	6
Water to Prospect Streets, bulkhead.....	1,114
Houseman Avenue, bulkhead.....	8
Arrietta Street, pier widened and extended.....	930
<hr/>	
Total .....	2,337

## SUMMARY.

<i>Borough of Manhattan:</i>	Linear feet.	Linear feet.
North River .....	1,459	
East River .....	239	
Harlem River .....	350	
<hr/>		
Total .....		2,048
<i>Borough of The Bronx</i> .....		1,067
<i>Borough of Brooklyn</i> .....		9,198
<i>Borough of Richmond</i> .....		2,337
<i>Borough of Queens</i> .....		16,449
<hr/>		
Total wharfage room destroyed by private parties, lessees and others during the year ending December 31, 1909.....		31,099

## RECAPITULATION.

The total new wharfage made by The City during the year ending December 31, 1909, is 6,682 linear feet.

The total amount of wharfage room destroyed by The City is 5,033 linear feet.

The total new wharfage room made by private parties, lessees and others, under permit or order from the Commissioner of Docks, is 37,422 linear feet.

The total wharfage room destroyed by private parties, lessees and others is 31,099 linear feet.

Recapitulation.

The grand total of wharfage room made by The City and private parties, lessees and others during the year ending December 31, 1909, is 44,104 linear feet.

The superficial area of The City's piers has been increased 57,352 square feet.

The superficial area of the newly made land owned by The City is 255,600 square feet.

The superficial area of the granite pavement laid down during the year ending December 31, 1909, is, for new pavement 3,972 square yards and for pavement taken up and relaid 48,601 square yards.

THE CONSTRUCTION WORK DONE BY THE DEPARTMENT OF DOCKS AND  
FERRIES DURING THE YEAR ENDING DECEMBER 31, 1909,  
IS SUMMARIZED AS FOLLOWS:

*Borough of Manhattan:*

On the North River, between West 155th and West 158th Streets (Carmansville Section), the platform and filling back of the rip-rap embankment placed by this Department has been completed, giving an additional area of 64,100 square feet of newly made land.

One pier has been extended,

One widened and extended, and

One landing platform built for the reception of American and foreign representatives attending the Hudson-Fulton celebration.

On the East River 694.68 linear feet of bulkhead wall have been built,

One platform extended, and

Two piers built at Blackwells Island.

*Borough of The Bronx:*

In the Borough of The Bronx 666 feet of wall has been built at Riker's Island,

One new pier has been constructed, and

One pier widened.

*Borough of Brooklyn:*

In the Borough of Brooklyn the dredging of pier sites, proposed slip and bulkhead wall area on the Gowanus Section, between 28th and 36th Streets, South Brooklyn, has been completed and 570.29 linear feet of bulkhead wall built, and

One pier, 150 feet in width and about 1,600 feet in length, practically completed.

At Whale Creek and Newtown Creek the work of dredging out an area of about 302,000 square feet has been started preparatory to the building of about 1,133 linear feet of wall and two piers.

One platform and

One extension to breakwater built.

*Borough of Queens:*

In the Borough of Queens the timber basin heretofore established at the Wallabout Basin, Borough of Brooklyn, was removed to Nott Avenue, Borough of Queens, the necessary dredging and removal of obstructions have been completed, and

One pier constructed at Jamaica Avenue.

*Borough of Richmond:*

In the Borough of Richmond about 954 linear feet of concrete wall was built by this Department upon the upland to connect with the approach built by the Richmond Borough authorities, as an approach to the Staten Island Ferry Terminal, and

The building of a new steel viaduct between the trolley platform and Jay Street, St. George, is under way.

*Municipal Ferry Buildings:*

The building, as well as the interior work therein, used as the Manhattan Terminal of the 39th Street, Brooklyn, Ferry, has been entirely completed and used for the purposes for which it was built.

The construction work on the Manhattan Terminal building of the Staten Island Ferry is under way and nearing completion.

Of the bulkhead, or river, wall built by the City during the year ending December 31, 1909, 695 linear feet were built on the East River, Borough of Manhattan.

In the Borough of The Bronx 666 linear feet of wall were built at Riker's Island.

In the Borough of Brooklyn 570 linear feet of wall were built, making a total of 1,931 linear feet of sea wall built by this Department in all Boroughs.

The total length of bulkhead, river or sea wall completed (measured along the granite course immediately under the coping) previous to December 31, 1909, is 59,754.06 linear feet. This total length is divided as follows:

*Borough of Manhattan:*

	Linear feet.
North River.....	23,633.84
East River.....	14,492.68
Harlem River.....	2,280.08
<i>Borough of The Bronx</i> .....	12,810.00
<i>Borough of Brooklyn</i> .....	5,310.64
<i>Borough of Richmond</i> .....	747.82
<i>Borough of Queens</i> .....	487.00
Total.....	59,762.06

Of this total length of bulkhead wall built prior to December 31, 1909, 2,263.47 linear feet were built by private parties, and 1,065.86 linear feet were built by the City at the expense of private parties.











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