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SIXTEENTH ANNUAL REPORT

OF THE

DEPARTMENT OF

PUBLIC WORKS

OF THE

CITY OF BUFFALO, N. Y.

FOR THE

FISCAL YEAR ENDING JUNE 30, 1908.

THIRTY-NINTH ANNUAL REPORT

OF THE

BUREAU OF WATER

DEPARTMENT OF PUBLIC WORKS

CITY OF BUFFALO

JULY 1ST, 1907, TO JUNE 30TH, 1908.

OFFICERS OF THE BUREAU OF WATER.

FRANCIS G. WARD,
Commissioner of Public Works.

HENRY L. LYON,
Deputy Water Commissioner.

RICHARD L. KIRTLAND,
Registrar.

JAMES B. CLOUDSLEY,
Chief Engineer of Steam Power.

JOHN H. SHIFFERENS,
General Foreman of Repairs.

CHARLES E. RICHARDSON,
General Foreman of Extensions.

FIRST WATER WORKS—CITY OF BUFFALO.

The Buffalo and Black Rock Jubilee Water Works Company was incorporated in 1827 with a capital stock of \$20,000.00. Up to the year 1832 the company had laid about sixteen miles of wooden water conduits. The supply was drawn from the Jubilee Springs, situated near Delaware Avenue about one hundred rods North of Ferry Street from which high ground the water flowed by gravity through the pipes.

Black Rock and the northern part of the City were first supplied and subsequently the pipes were laid down Main Street to the southern part of the City. The officers of this company for 1832 were:

Peter B. Porter—President,

Donald Fraser, S. C. Brewster, Peter B. Porter—Directors,

Absalom Bull—Secretary and Treasurer,

Donald Fraser—Superintendent.

Property Jubilee Water Company purchased by the Village of Black Rock July 1st, 1850, absorbed by incorporation within the limits of the City of Buffalo in 1854, and placed under the control of three commissioners, known as the Jubilee Water Commissioners. The supplying of water has long since been discontinued by reason of the introduction of the regular City service. The property now consists of the two lots on Delaware Avenue and one at the corner of Amherst and Grant Streets.

The act incorporating the Buffalo City Water Works Company was passed by the Legislature March 15th, 1849, the incorporators being George Coit, Walter Joy, William A. Bird, Orlando Allen, Horatio Shumway, George R. Babcock, Isaac Sherman, Cyrenius Bristol, Oliver G. Steele, Thomas W. Foote, William Bucknodd, Jr., Henry W. Rogers, William Coffin and Aaron D. Patchen.

The capital stock of the company was \$200,000.00 with authority to increase it to \$500,000.00. The meeting for formal organization was held February 7th, 1850. On the 11th of March that year the Common Council adopted a resolution by the terms of which the City was to become a subscriber to the company's stock to the amount of \$100,000.00. No action was taken under this resolution. During the year 1850 the rela-

tive desirability of different sources of supply was discussed; the contract for erecting the works was let to Battin, Dungan & Company of Philadelphia and Newark, N. J., who became large subscribers to the stock, and Wm. J. McAlpine, a distinguished engineer, was employed to investigate sources of supply, etc.

He favored the plan finally adopted of pumping from the river, with a reservoir situated on Prospect Hill. Lots 29 and 30 were purchased for a site for the works and Lot 145 for the reservoir. The contract price was \$375,000.00. Work on the shaft and tunnel (No. 1) was commenced July 29th, 1850, on the reservoir, August 12th, and on the pumping station, September 12. The reservoir was completed in November 1851 and on December 31st, 1851, connected with the mains. Pumping began December 19th, 1851. On January 2nd, 1852 service was established through the City and A. R. Ketcham was appointed Superintendent and continued as such until 1874.

OFFICERS.

PRESIDENTS—

Henry W. Rogers.....	1850-1854
Albert H. Tracy.....	1855-1859
Henry W. Rogers.....	1860-1868

Under an act of May 7th, 1868 authorizing the City of Buffalo to issue bonds for \$1,500,000.00 for the purchase of the property by the City, the purchase of the entire plant of the company was consummated August 15th, 1868 for the sum of \$705,000.00, the first Board of Water Commissioners being Henry W. Rogers, Chandler J. Wells and James Ryan.

Mr. Ketcham served as Superintendent until 1874 when George Hosley was appointed. He was succeeded by Mr. Ketcham in 1880, who was followed on March 1st, 1882 by Louis H. Knapp.

In 1892 the Water Commission was superseded by the Department of Public Works, Bureau of Water and Peter Drexilius appointed as Superintendent was succeeded by Col. Francis G. Ward in 1896 and Frank J. Illig in 1899. On the re-organization of the Department of Public Works in 1901 Col. Francis G. Ward was elected Commissioner and Henry L. Lyon was appointed as Deputy Water Commissioner January 1st, 1902.

BUREAU OF WATER.

MUNICIPAL BUILDING.

BUFFALO, N. Y., JULY 1ST, 1908.

To the Honorable, the Commissioner of Public Works:

DEAR SIR:—I respectfully submit the thirty-ninth annual report of the Bureau of Water of the City of Buffalo, for the year ending June 30th, 1908.

This has been a very active year in this Bureau. The rebuilding of the present pumping station has progressed very materially. The time for finishing of this improvement is delayed by the fact that the changes and improvements in machinery must coincide with the changes in the building. Electric Pump No. 2 was installed and put in operation about January 1st, 1908. Old Pump No. 5 was abandoned, sold and removed, and the work of excavating for the foundation of new Steam Pump No. 1, and the extension of the wells to supply it with water are begun. This is all a blasting of hard limestone in the building and around the other engines, so it is necessarily a little slow, care being taken to use very small charges in blasting. We hope, however, by January 1st, 1909, to have this pump in operation.

We have begun the work of laying the 36-inch water main from Kensington to the Pumping Station. We have laid 12,850 feet of this pipe, and prepared the foundation for the tank and water tower at the corner of Kensington Avenue and Grider Street. This main is laid, through a large part of the distance, in rock, and the work has been slow and expensive

on that account. We expect, however, to have it completed in time to connect with Electric Pump No. 3, when it is ready to operate.

We have made fair progress with the new tunnel under contract to the Buffalo Dredging Co. This tunnel will be 12 feet in diameter and 6,600 feet in length, from the shaft at Porter Avenue to the new intake in Emerald Channel, and 9 feet in diameter and 4,200 feet in length, from the present Pumping Station to the shaft at Porter Avenue. We have excavated 810 feet of the 12-foot tunnel, and 2,914 feet of the 9-foot tunnel. We have also begun the work on the concrete foundation for the new Porter Avenue Pumping Station, together with the canals or wells, and the foundations for the boilers and engines. The concrete dock in front of the Porter Avenue Pumping Station and along the new established harbor line, is also nearly completed between the north line of Porter Avenue and the south line of Jersey Street, and a pile pier constructed along the south line of Jersey Street, from the harbor line to the shore line.

The steel shield to surround the new intake pier is all finished and ready to launch, when it will be towed to its location in Lake Erie, near the Dummy Light, and set on its foundation, which is all prepared for it. This shield is 110 feet in diameter and 30 feet in height. In the center is another steel ring, 70 feet in diameter. These rings are connected by 24 ports for the entrance of the water to the shaft of the tunnel. When placed, the space between these steel rings will be filled with concrete, forming a concrete pier 110 feet in diameter and 20 feet in thickness upon which will be erected a building for the care of the intake pier and entrance to the tunnel.

We have continued to inspect and re-inspect the water connections with very good results, our annual receipts for water having increased \$36,174.41, this year amounting to \$833,395.33. Our collections for corporation cocks and work done

for individuals was \$19,857.31. We issued \$257,500.00 worth of bonds to refund old bonds. We also issued \$300,000.00 of bonds to form a current fund to pay the expenses of the Bureau each year from July 1st (the commencement of our fiscal year) to November 1st (the first semi-annual collection period).

We also issued \$750,000.00 worth of bonds for new construction (tunnel, intake pier, new pumping station, water tower, and extension of large feeder water mains). We received premiums on bonds to the amount of \$2,166.67. We paid out in salaries \$204,819.67, in refunding bonds \$257,500.00, in retiring bonds \$143,369.78, into a sinking fund \$4,302.50, in interest on bonds \$179,105.49, in maintenance and repairs \$295,138.55, and in extension and improvements \$1,071,799.92.

I am sorry to report that we have only been able to install 207 new meters because of lack of appropriation and funds, and have now only 2,620 meters on our 72,882 services, being only 3 3-5 per cent. The experience of all cities which have tried them is, that meters save large unnecessary waste of water, and are cheaper to the consumer. Cleveland and Detroit are similarly situated as to the available source of supply, and report enormous savings in waste and reduced water bills on account of meters. Chicago reports a waste of three billions of gallons of water per year, and estimates that meters would save that waste and reduce the water bills two-thirds. Our pumpage this year was 48,451,241,033 gallons, and there is little doubt but at least one-half would be saved by metering of all services, and the actual expense saved would exceed \$100,000.00, which could be saved to the users of water.

Our waste and leak force show that their inspection of 5,988 buildings discovered 8,460 leaking fixtures, and that the repairing of these leaks showed a saving of 3,928,000 gallons of water per day.

We have been very much annoyed again this year by lack of funds to lay district water mains. New streets are de-

veloped, houses built and the owners unable to sell or rent because of no water main in the street, and no funds available in the Water Bureau to lay them. We repeat what we have said in former years, that as the laying of these district mains is an extension of the plant, the funds should be raised by bond issue, and such funds should always be available.

The winter did not interfere with our hydrants to any extent, and they were all ready for use when needed. We added 74 new hydrants this year, and now have 4,965.

The valves have had their usual care, being oiled and turned every few months; 327 new valves have been placed, making a total of 8,558, in sizes from 4-inch to 48-inch.

We have added 1,195 new taps this year, and have 72,882 in use.

Electric Pump No. 2 was put in operation in January, and is doing good work on the high service. Steam Pump No. 5 was abandoned and removed, and we are preparing the foundations for new Steam Pump No. 1. The contract was let to Camden Iron Works for Electric Pump No. 3, and we hope very soon to abandon and remove Steam Pump No. 4, so as to install the third electric pump in its place. The work of removing an old pump so as to replace it with a new one is necessarily slow work, as we cannot spare one until we have another running to take up the work. Within the next year we hope and expect to have old Steam Pumps Nos. 1, 2, 3, 4 and 5 replaced by new Steam Pumps Nos. 1 and 2, and the three electric pumps. We will then be in a much safer condition than we have been for years.

Taken all in all, we have made much progress in the improvements we have been contemplating for several years, but there are many more that can be made to better the water conditions of Buffalo. The most important are: First—The speedy metering of the whole city and saving the unnecessary waste and expense, as well as increasing the pressures all over

the City. This cannot be done by increasing the pressure at the pumps, but must be by decreasing the unnecessary flow of water. Second—The laying of large water mains to the outskirts. The Kensington pipe is being laid; the 20-inch pipe in Louisiana Street should be laid at once; the 36-inch main should be extended to South Buffalo; a 36-inch main should be extended into the North Buffalo section, and another 36-inch main extended into the section east of Kensington, and from there to East Buffalo.

HENRY L. LYON,

Deputy Water Commissioner.

THE BUFFALO CITY WATER WORKS.

HISTORICAL DESCRIPTION.

The Legislature of the State of New York on May 7th, 1868, passed an act authorizing the City of Buffalo to construct and maintain a system of waterworks for the use of the City and its inhabitants, and expend therefor the sum of \$705,000.00.

Under this act the City purchased the plant of the Buffalo Water Works Company, and on August 17th, 1868, the Commissioners, Hon. Wm. F. Rogers, Mayor Chandler J. Wells and James Ryan, took possession for the City.

The water was taken from the margin of Niagara River, the inlet being situated on Bird Island Pier, and a tunnel, running under Black Rock Harbor and the Erie Canal, about four feet in diameter and three hundred and thirty feet long, connected the Niagara River with the wells under the pumps.

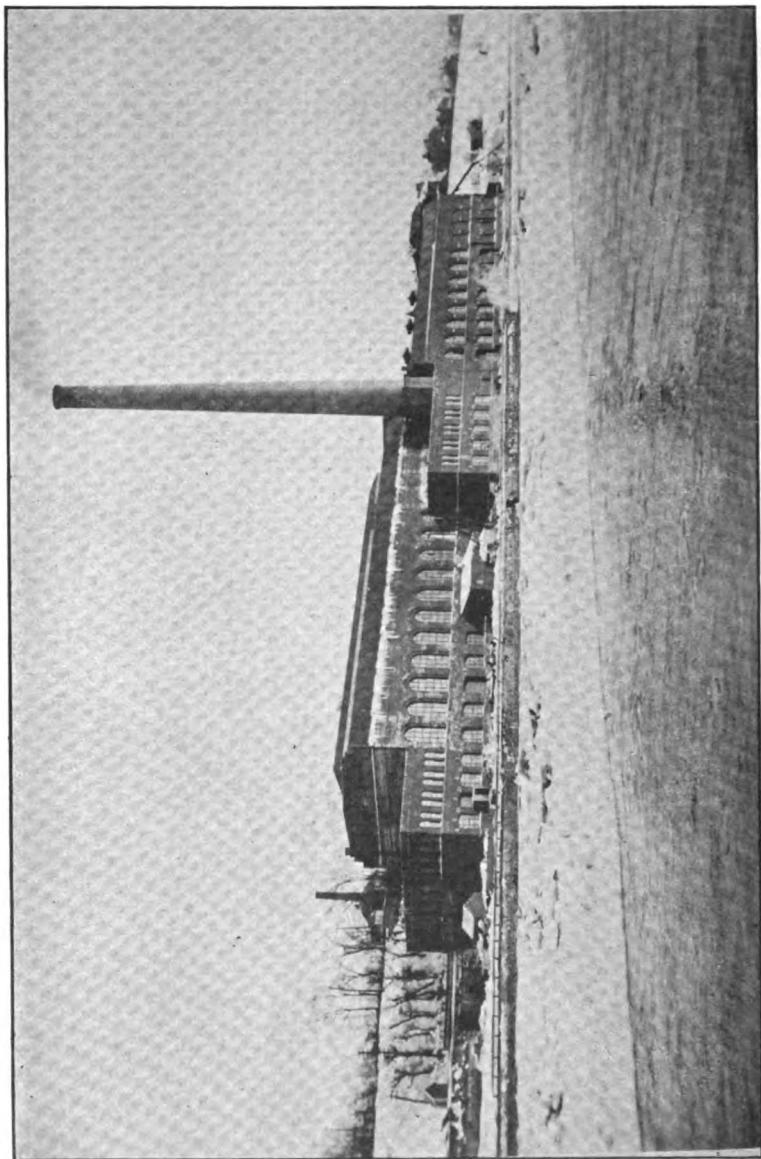
The pumps were a Double Cornish Bull Engine, made by I. P. Morris, of Philadelphia, in 1851, having a capacity of 4,000,000 gallons in twenty-four hours, and a Beam Engine, made by the Shepard Iron Works, of Buffalo, in 1866, having a capacity of 6,000,000 gallons in twenty-four hours.

The water was pumped into a reservoir, built on the block bounded by Niagara, Connecticut, and Vermont streets and Prospect Avenue, which would hold 11,000,000 gallons, and was then distributed through the City by 33 90-100 miles of pipe of the following sizes:

3-inch	-----	486 feet
4-inch	-----	51,629 feet
6-inch	-----	79,375 feet
10-inch	-----	19,667 feet
12-inch	-----	9,045 feet
16-inch	-----	11,489 feet
24-inch	-----	7,304 feet

This plant could have been built for about \$500,000.00 at that time, and is the nucleus of the present works, which has been extended and improved until it is one of the largest in the country, the Pumping Station being the largest under one roof in the world.

PUMPING STATION.



PUMPING STATION

DESCRIPTION OF THE WORKS.

PUMPING STATION.

The Pumping Station is located on the bank of the Erie Canal at the foot of Massachusetts Avenue, and is separated from Niagara River by the Erie Canal, 165 feet in width, and Black Rock Harbor, 85 feet in width.

The building was rebuilt of brick in 1906 and 1907, is strictly fireproof, and is 640 feet in length and 102 feet in width, with the Erie Canal on one side and the New York Central & Hudson River Railroad on the other.

PUMPING ENGINES.

No.	Capacity in 24 Hours in Gallons	Make	Description	Year Construct'd	Horse Power
1	12,000,000	Worthington & Lake Erie -----	Horizontal compression	1872	430
2	20,000,000	Worthington & Lake Erie -----	Horizontal compression	1876	700
3	20,000,000	Worthington & Lake Erie -----	Horizontal compression	1882	700
6	20,000,000	Holly-Gaskell -----	Horizontal compression	1889	700
7	20,000,000	Holly-Gaskell -----	Horizontal compression	1892	700
8	30,000,000	Lake Erie-Snow -----	Triple expansion	1896	1,200
9	30,000,000	Lake Erie -----	Triple expansion	1898	1,200
*1	25,000,000	Snow -----	Centrifugal	1905	1,500
*2	25,000,000	Snow -----	Centrifugal	1907	1,500
202,000,000 -----				8,630	

*Electric.

BOILERS.

The south boiler house contains 16 horizontal, cylindrical, tubular boilers, each of which is 84 inches in diameter, 18 feet long, containing 172 tubes, each three inches in diameter, all equipped with McKenzie Traveling Grate Stokers. Six with Bonson Furnace.

The north boiler house with four 600 H. P. boilers will be completed in December, 1908.

ELECTRIC LIGHT PLANT.

Two vertical cross-compound condensing engines, built by the Lake Erie Engineering Company, of Buffalo, N. Y., in 1897.

Two fifty-kilowatt Thompson-Ryan Multipolar Generators, directly connected with the engines, each capable of developing a pressure of 125 volts with 400 amperes.

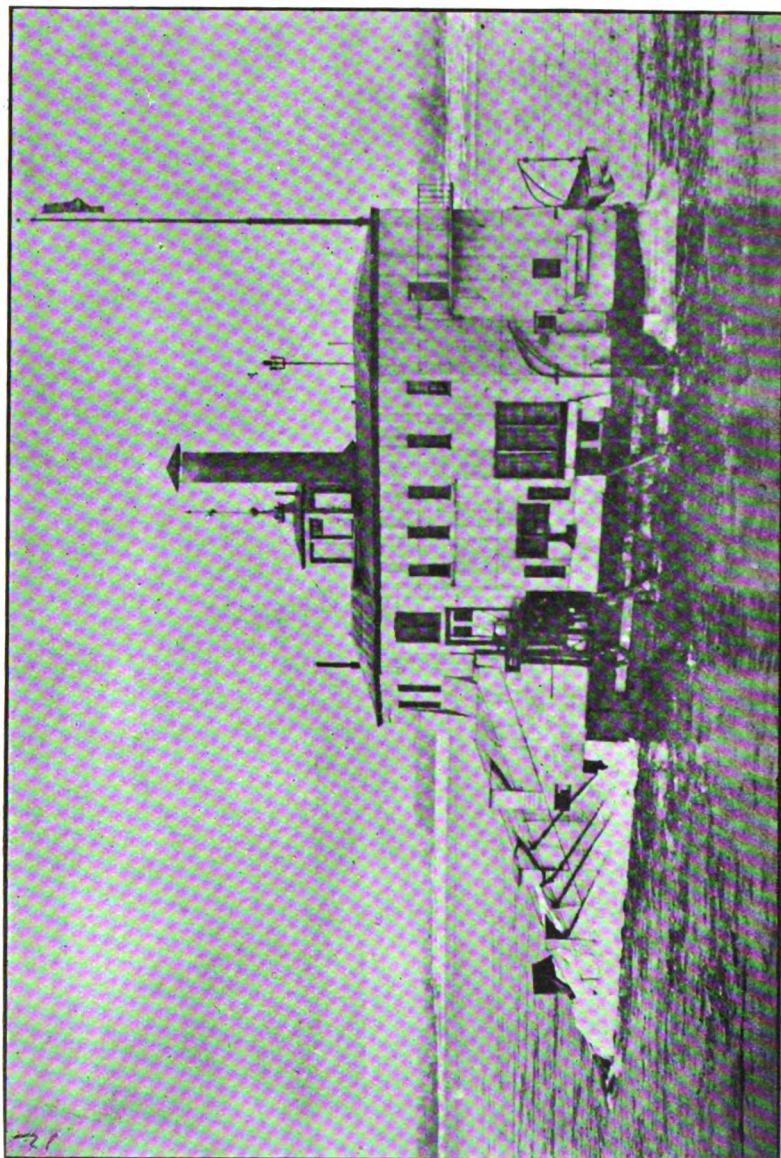
These furnish the lights for the Pumping Station and grounds, the Holly House on the hill and the Inlet Pier in Niagara River, 985 feet from the station, the cable passing through the new tunnel.

TUNNELS, INLET PIER AND WELLS.

The water is taken from the Inlet Pier, situate about the center of Niagara River, 985 feet from the Pumping Station and about one mile from Lake Erie. The water at this point is about 16 feet in depth. The pier is 106 feet in length and 18 feet in width, and is built of cut stone. The nose was repaired during the year 1906 and rebuilt of concrete, with a steel covering one inch thick.

The current in the river is from seven to fifteen miles per hour, being varied by freshets and the direction and velocity of the wind.

INLET PIER.



INLET PIER

On the sides of the pier are ice shields made of steel plates one inch thick, projecting two feet from the pier and extending down to within two feet of the bottom of the river. The lower part of the intakes in the pier is six feet above the bottom of the river, and the shields have gates opposite the intakes, that can be raised and lowered to prevent ice from entering the shafts.

On the pier is a building containing a kitchen for the use of the men employed there, and a 10 horse-power steam boiler to furnish steam and hot water for melting the ice in winter.

Two shafts in the pier lead to two tunnels connecting the pier with the shore wells, one of which is six feet in diameter and the other 6 by 12 feet in cross-section.

The tunnels are parallel with each other, and are about 30 feet apart. They are built in rock and are unlined. The capacity of the two tunnels is 350,000,000 gallons per day.

The wells are extensions of the tunnels, leading to the suction of the pumps under the Pumping Station, and are from four and one-half to eight feet in width and 18 feet in depth, and are lined throughout with cement.

During the early spring months slush ice fills the river to its full depth and it is only by the closest care and attention, that it can be kept from choking the pumps. The ice is kept out to some extent by the raising and lowering of the gates in the shield, and it is melted by pouring hot water and steam into it, but after that large quantities get through the tunnels and into the wells in the Pumping Station, where it is caught on revolving screens, and melted with hot water and steam. We are also troubled with anchor ice that will form on the gates and in the shafts on the pier. This is broken with pike poles and melted with steam and hot water, and if that is not effective, it is blasted with dynamite.

DISTRIBUTION.

Water is distributed through cast-iron pipe as follows:

	No. of Feet Laid Previous to July 1, 1908	No. of Feet Laid from July 1, 1907 to July 1, 1908	Total
1½ inch -----	200		200
2 inch -----	1,963		1,963
3 inch -----	8,261		8,261
4 inch -----	190,550	1,032	191,582
6 inch -----	1,588,651	45,018	1,633,669
8 inch -----	13,062		13,062
10 inch -----	221,032		221,032
12 inch -----	212,448	320	212,768
16 inch -----	290,695	3,062	293,757
20 inch -----	77,489		77,489
24 inch -----	16,978		16,978
30 inch -----	2,422		2,422
36 inch -----	94,143	12,850	106,993
48 inch -----	12,464		12,464
Totals-----	2,730,358	62,282	2,792,640

Miles, 528 4-5.

HYDRANTS, VALVES, SERVICE CONNECTIONS AND METERS.

We have 4,965 hydrants for fire purposes. In winter they are protected by a steel cover to keep them free from snow, and give the firemen a clear place to make their connections.

We have 8,558 valves, in sizes from four inches to 48 inches.

We have 72,882 connections, in sizes from one-half inch to 10 inches.

FIRE BOAT AND PIPE LINE.

A fireboat water pipe line was constructed in 1897 in Washington Street, from Buffalo River to Genesee Street. It is

a 12-inch steel pipe, 6,130 feet in length, tested to a pressure of 300 pounds to the square inch.

A hydrant and call box are placed every 250 feet, each hydrant having four 3½-inch nozzles with separate gates.

A connection was made with this line at the corner of Washington and Exchange streets in November, 1904, and the line extended through Exchange Street and the Terrace to Pearl Street, and then up Pearl Street to Genesee Street, a distance of 3,626 feet. This addition was constructed of 12-inch cast iron pipe, and tested to a pressure of 300 pounds to the square inch.

A further connection was made in October, 1906, with the Washington Street fire supply line, and continued along the northerly side of Carroll Street to Michigan Street.

The pipe is of cast iron, 12 inches in diameter, and built similar in all details to the Pearl Street fire line.

The total length is 1,423 lineal feet, with six special hydrants, with three-way valves and manholes on main line, and electric communication with fire boat at hydrants.

The average depth of main is three and one-half feet.

The grade of line descends from Washington Street to Michigan Street, with one drain valve at Michigan Street.

A further connection was made with Washington Street fire supply line, and continued along the northerly sidewalk of Ohio St. to Elk St., thence crossing Elk St. and the New York, Lackawanna & Western Railroad tracks to the northerly side of Ohio Street, thence along the northerly side of Ohio Street to Liberty Street, thence along Liberty Street and the Clark & Skinner Canal to Buffalo River.

The pipe is of cast iron, 12 inches in diameter, and built similar in all details to the Pearl Street fire line.

The total length is 1,160 lineal feet, with four special hydrants.

The average depth of main is three and one-half feet.

The grade of line descends from Washington Street to 112 feet south of Illinois Street, and ascends to fire boat connection on Liberty Street and Buffalo River.

The fire boat connection consists of four eight-inch pipes connecting with the twelve-inch main with Y's and one-eighth bends. On end of each eight-inch pipe is a three-way Siamese connection with 3½-inch opening for hose to be attached from fire boat.

The pipe is not connected with the city water mains, but arranged at the Buffalo River end so that the fire tugs can connect to it and pump water from Buffalo River.

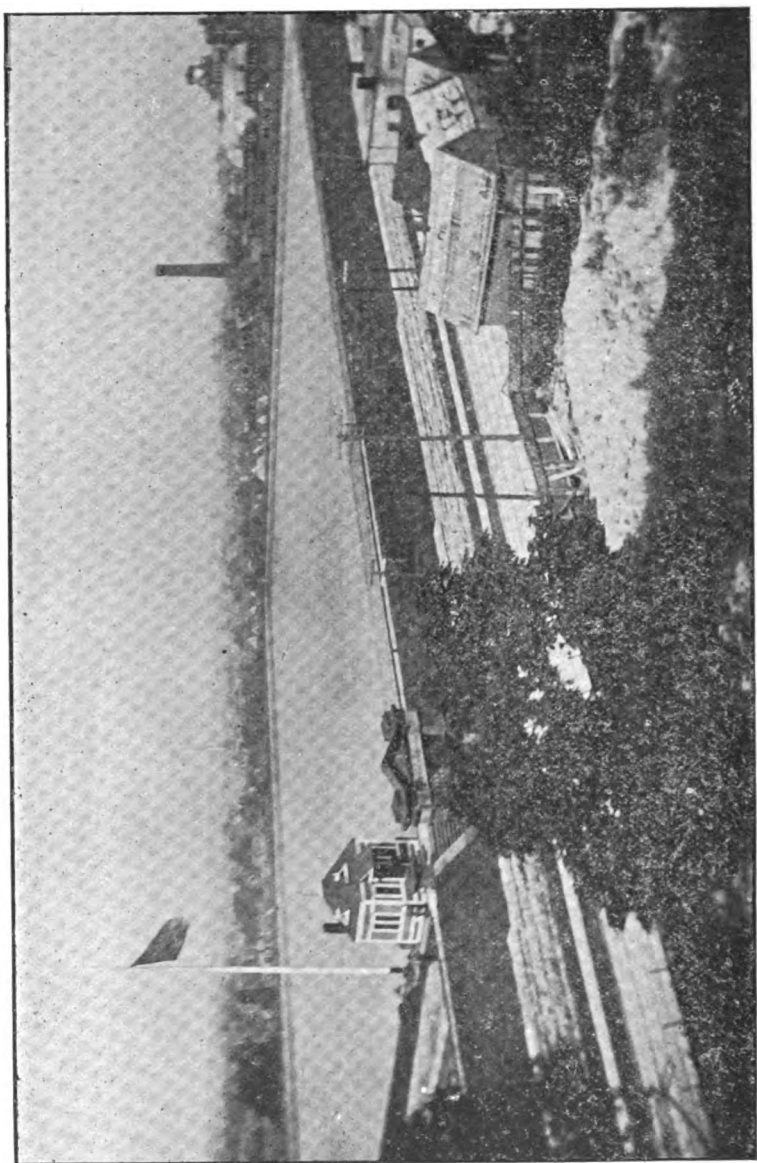
The three fire tugs have a capacity of 18,000 gallons per minute.

RESERVOIR.

Prospect Reservoir covers the block bounded by Best, Jefferson, Dodge and Masten streets. It is 1,472½ feet in length, 597½ feet in width, contains 20 and 20-100 acres, and has a capacity of 116,213,827 gallons when filled to a depth of 30 feet. The surface of the water is then 113 feet above the level of the water at the Inlet Pier and 685 and 23-100 feet above mean tide at New York.

The site was purchased October 1st, 1874. Work on the reservoir was commenced in June, 1889, and completed in July, 1894. The cost of the land was \$79,382.00, and of the construction \$557,335.79.

BEST STREET RESERVOIR.



BEST STREET RESERVOIR

The description of the two divisions is as follows:

JEFFERSON STREET DIVISION.

Average length at high water line.....	653 feet
Average width at high water line.....	465 feet
Depth from top of bank.....	43 feet
Greatest thickness of bank.....	184 feet
Top of bank 117 feet above Niagara River.	
Capacity.....	64,270,477 gallons
Inlet and outlet, 36-inch iron pipes.	

MASTEN STREET DIVISION.

Average length at high water line.....	637 feet
Average width at high waterline.....	466 feet
Depth from top of bank.....	34 feet
Greatest thickness of bank.....	184 feet
Top of bank 117 feet above Niagara River.	
Capacity.....	51,943,380 gallons
Inlet and outlet, 36-inch iron pipes.	

The quantities excavated and used were as follows:

Earth excavation.....	613,532 cu. yds.
Clay puddle.....	58,174 cu. yds.
Stone masonry.....	9,596 cu. yds.
Concrete.....	13,343 cu. yds.
Stone paving.....	32,804 sq. yds.
Curbing.....	4,588 lin. ft.
English Portland cement.....	15,000 bbls.
American cement.....	16,200 bbls.

All earth, clay, sand, and gravel used in construction were found on the site.

CONSUMPTION.

The average daily consumption in 1868 was 4,000,000 gallons, the population was 100,000, making the daily per capita consumption 40 gallons.

In 1907 the average daily consumption was 135,483,126 gallons, the population 410,000, making the daily per capita consumption 330 gallons.

The greatest amount pumped in twenty-four hours during the last year was on February 9th, 1908, when the pumps

registered 197,672,720 gallons, making a per capita consumption of 482 gallons.

The least amount pumped in twenty-four hours during the last year was on April 20, 1908, when the pumps registered 119,553,700 gallons, making a per capita consumption of 291 gallons.

The total amount of water pumped during the last year after allowances for slip was 48,451,241,033 gallons, divided about equally between the high service, with a pressure at the pumps of 75 pounds to the square inch, and the reservoir service, with a pressure at the pumps of 50 pounds to the square inch, the average daily pressure in the City being 30 pounds to the square inch.

Registered Pumpage for the Year.	Gallons.
From July 1, 1907, to July 1, 1908, by steam power.....	39,605,213,370
From July 1, 1907, to July 1, 1908, by electric power.....	12,806,549,000
From July 1, 1906, to July 1, 1907, by steam power.....	44,816,892,520
From July 1, 1906, to July 1, 1907, by electric power.....	7,887,860,000
Decrease	292,990,150

Actual pumpage after deducting 10 per cent. for loss from plunger and valve slippage on steam pumps:

From July 1, 1907, to July 1, 1908, by steam power.....	35,644,692,033
From July 1, 1907, to July 1, 1908, by electric power.....	12,806,549,000
From July 1, 1906, to July 1, 1907, by steam power.....	40,335,203,268
From July 1, 1906, to July 1, 1907, by electric power.....	7,887,860,000
Average daily pumpage as registered.....	171,793,842
Actual daily pumpage after deduction for loss.....	135,483,126
Average daily per capita (based on 410,000).....	330
Greatest amount pumped in one day (February 9, 1908) ..	197,672,720
Least amount pumped in one day (April 20, 1908).....	119,553,700

METERS, JULY 1, 1908.

Name.		$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	10 in.	Totals
Crown	---	2	5	115	26	104	34	57	15	---	361
Empire	---	---	1	18	10	21	1	1	2	---	54
Gem	---	---	---	---	1	28	16	15	8	1	69
Nash	---	---	8	18	8	2	---	---	---	---	36
Hersey	---	44	72	137	98	125	22	29	6	---	533
Torrent	---	---	---	---	---	15	7	21	9	1	53
Thomson	---	5	2	15	12	11	5	1	---	---	51
Lambert	---	31	40	41	8	3	1	---	---	---	124
Neptune	---	2	5	10	10	6	---	---	---	---	33
Trident	---	33	42	30	16	13	2	2	---	---	138
Union	---	2	5	32	15	21	18	22	1	---	116
Buffalo	---	1	6	56	64	80	---	---	---	---	207
American	---	53	55	64	31	---	---	---	---	---	203
Standard	---	11	2	5	2	3	2	1	---	---	26
Pittsburg	---	5	2	3	1	4	4	---	1	---	20
Keystone	---	46	57	51	28	7	---	3	2	---	194
Westinghouse	---	---	---	1	---	---	---	---	---	---	1
Worthington	---	58	55	56	27	15	14	2	1	---	228
National	---	---	---	2	1	---	---	---	---	---	3
Niagara	---	---	18	14	5	6	---	---	---	---	43
Columbia	---	---	8	---	---	---	---	---	---	---	8
Crest	---	---	---	---	5	4	7	2	---	---	18
King	---	47	18	13	---	---	---	---	---	---	78
Eureka	---	---	---	---	---	---	1	---	1	1	3
Hersey Detector	---	---	---	---	---	---	---	---	1	---	1
Registers	---	19	---	---	---	---	---	---	---	---	19
Totals	---	19	340	404	681	368	468	134	156	47	3,2620

Meters and Registers in use July 1, 1907----- 2,413

New Meters installed July 1, 1907, to July 1, 1908----- 207

Total Meters July 1, 1908----- 2,620

FINANCES.

BUREAU OF WATER.
FINANCIAL STATEMENT, FISCAL YEAR JULY 1, 1907,
TO JUNE 30, 1908.

Balance Reconstruction Fund, July 1, 1907----- \$ 33,248.80

Collections During Year.

Water Rates -----	\$542,577.25	
Water Rates, City Departments-----	77,614.50	
Meter Rates -----	190,065.97	
Meter Rates, City Departments-----	17,830.40	
Building Rates -----	4,260.16	
Hydrant Rates -----	1,047.05	
Corporation Cocks -----	3,761.00	
Turn On Fees -----	815.00	
New Boxes -----	781.45	
Service Leaks -----	672.05	
Labor and Supplies -----	7,613.33	
Old Material -----	6,214.48	
		\$853,252.64

Accretions During Year.

Bond Issue to Refund Bond Due and paid October 1, 1903-----	\$100,000.00	
Bond Issue to Refund Bond Due and Paid in Error in 1881-----	100,000.00	
Bond Issue to Meet Current Ex- penses -----	300,000.00	
Bond Issue to Refund-----	57,500.00	
Accrued Interest on New Construc- tion, Bond Issue, April 1, 1908-----	2,166.67	
Weekly Pay-Roll Returned to City- Treasurer -----	1.30	
Salaries Returned to Treasurer-----	6.00	
		559,673.97
		\$1,446,175.41

Disbursements.

Bonds to Retire -----	\$143,249.99	
Bonds to Refund-----	157,500.00	
Interest -----	179,105.49	
Sinking Fund Deposit -----	4,302.50	
Comptroller's Loan -----	100,119.79	
Salaries -----	204,826.97	
Extension and Improvement-----	70,181.49	
Maintenance and Repair-----	295,138.55	
Reconstruction Pumping Station -----	33,248.80	
		1,187,673.58
Balance -----		\$ 258,501.83

BUREAU OF WATER.

FINANCIAL STATEMENT, FISCAL YEAR, JULY 1, 1907, TO JUNE
30, 1908.—(Continued.)

New Construction Account.

Balance July 1, 1907-----	\$250,000.00	
Proceeds Bond Sale August 5, 1907	250,000.00	
Proceeds Bond Sale May 25, 1908--	500,000.00	
		<u>\$1,000,000.00</u>

Disbursements.

Warrants Drawn -----	\$821,944.60	
Weekly Pay-Roll -----	146,425.03	
		<u>968,369.63</u>
Balance -----		\$ 31,630.37

EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1908.

	Extension and Improvement	Maintenance and Repair
Salaries		\$ 204,826.97
Bonds—Amount to Retire		400,749.99
Sinking Fund Deposit		\$ 4,302.50
Interest		179,105.49
Office Supplies, Stationery, Books, Etc.....		1,535.81
Office Printing and Advertising.....		2,531.78
Postage, Postal Notices, Freight.....		500.00
Transportation, Carfares, Inspectors		550.00
Insurance, Boilers and Buildings.....		000.00
Supplies, Storehouse		2,960.05
Supplies, Blacksmith		324.48
Supplies, Plumber		360.75
Gas, Storehouse and Reservoir.....		172.00
Repairs to Streets, Repavements, Openings.....		3,000.61
Repairs to Buildings		2,159.29
Repairs to Meters and Setting Same.....		3,960.94
Repairs to Hydrants		4,073.62
Repairs to Valves		279.40
Repairs to Vehicles and Harness.....		1,757.41
Repairs to Tools and New Tools.....		1,613.07
Repairs to Joint Leaks (material).....		261.65
Repairs to Service Leaks (material).....		1,283.20
Maintenance Reservoir		1,893.78
Cleaning Reservoir and Repairs.....		000.00
Maintenance Horse Troughs and Drinking Fountains		856.79
Maintenance Hydrant Covers, Repairs.....		5,298.01
Maintenance Hydrants, Snow and Ice Re- moval Winter Months		9,669.10
Supplies Stable, Feed and Bedding 24 Horses		6,037.11
New Horses		550.00
Veterinary Services		114.25
Horeshoeing		1,100.50
Contingent Fund		8,882.06
Fuel		130,096.28

EXPENDITURES FOR FISCAL YEAR ENDING JUNE 30, 1908.

(Continued.)

	Extension and Improvement	Maintenance and Repair
Electric Power, Electric Pumps.....		57,106.86
Unloading and Trimming Coal.....		3,158.09
Removing Ashes		
Repairs to Engines.....		14,293.23
Repairs to Boilers.....		12,966.89
Repairs to all Other Appliances.....		833.82
Supplies at Pumping Station.....		5,315.32
Oil for Engines.....		2,026.23
Oil and Waste Wipers.....		1,159.42
Maintenance Electric Light Plant.....		651.74
Removal Snow and Ice from Wells.....		1,843.40
Maintenance Inlet Pier		2,518.16
Painting Inlet Pier		74.70
Tug Service, Inlet Pier		1,368.75
Pipe Extension for Laying District and Pump Station Mains	50,000.00	
Pipe Extension for New Valves.....	3,867.75	
Pipe Extension for New Hydrants.....	5,254.30	
New Tools at Pumping Station.....	1,890.59	
New Meters	8,256.82	
New Horse Troughs and Drinking Fountains	912.03	
Total	\$70,181.49	1,084,123.50
Reconstruction Pumping Station—Bond Ac- count	33,248.80	
New Construction—Bond Account	968,369.63	
	\$1,071,799.92	1,071,799.92
Total		\$2,155,923.42

STATEMENT OF ASSETS AND LIABILITIES, JUNE 30, 1908.

ASSETS.

Franchise, Original Purchase	\$705,000.00
Inlet Pier and Tunnels Nos. 1, 2, 3	775,000.00
New Inlet Pier and Tunnel No. 4	380,510.91

REAL ESTATE.

Reservoir, Masten and Jefferson Streets, land	108,750.00
Reservoir, Construction Account	557,335.79
Pumping Station, Massachusetts Avenue, Building, Conduits and Wells	268,357.37
Pumping Station, Part of Lots Nos. 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33	50,000.00
Holly House, Lot	23,805.00
Holly House, Building	40,000.00
Convention Hall, Elmwood and Virginia, Building	80,000.00
Convention Hall, Elmwood and Virginia, Lot	24,000.00
Coal House, Scales, U. S. Government Prop- erty of P. S.	3,528.25
South Boiler House	150,000.00
North Boiler House (in course of construc- tion)	5,856.00
Water Tower, Kensington and Grider, Lot	4,000.00
Water Tower, Kensington and Grider, Build- ing (in course of construction)	3,284.26
Foundations, New Pumping Station, Por- ter Avenue (in course of construction)	10,152.00
Pile Pier, South Line of Jersey Street (in course of construction)	4,790.00
	\$1,333,858.67

PUMPING STATION EQUIPMENT.

Steam Pumps, Old, Nos. 1, 2, 3, 6, 7, 8, 9	\$600,000.00
Electric Pump No. 1	39,049.00
Electric Pump No. 2	28,893.66
Electric Pump No. 3	8,028.00
Steam Pumps, New, Nos. 1, 2	171,774.16
Steam Mains, New	14,594.95
Boilers, Stokers and Conveyors	175,247.70
Electric Light Plant	23,524.75
Venturi Meters, Steam, 8, 9, and New 1, 2, Electric 1, 2, 3	17,407.46
Bridge over N. Y. C. & H. R. R. R.	4,651.40
Railroad Side Tracks and Switches	1,934.42
Electric Traveling Crane	10,304.56
Car Trestle in P. S.	3,163.01
Air Compressor	1,152.84
	1,099,725.91
	\$4,294,095.49

WATER MAINS.

Pipe	\$4,182,410.77	
Valves	257,741.80	
Hydrants	153,156.30	
Meters	130,084.94	
Tunnel Under Buffalo River at Ohio Street..	25,469.99	
Main Crossing, Buffalo River at Michigan Street	23,238.19	
		<u>4,772,101.99</u>

INVENTORY GENERAL STORE-
HOUSE, COURT STREET.

Merchandise, Supplies on Hand.....	\$41,178.32	
Tools	8,881.32	
Horses, Wagons, etc.	10,762.50	
Hydrant Covers	19,734.91	
Office Furniture	559.11	
		<u>81,116.16</u>

INVENTORY, PUMPING STA-
TION, STOREHOUSE.

Merchandise, Supplies on Hand.....	\$10,779.72	
Tools	7,507.05	
Instruments and Office Furniture.....	3,072.30	
Fuel	5,373.20	
		<u>26,732.27</u>
Accounts Receivable, Unpaid Water Rates..		24,270.13
Balance Cash, Treasurer's Account.....		302,332.40
Balance Cash, New Construction Account..		31,630.37
		<u>\$9,532,278.81</u>

LIABILITIES.

Bonds Outstanding, July 1, 1908.....	\$5,216,632.02	
Accounts Payable	72,974.59	
Warrants Outstanding	43,830.57	
Corporation Account, Surplus	4,198,841.63	
		<u>\$9,532,278.81</u>

**STATEMENT SHOWING WATER BONDS OUTSTANDING JUNE 30,
1908, AND PRINCIPAL AND INTEREST PAYABLE DURING
FISCAL YEAR ENDING JUNE 30, 1909.**

Issued.	When Due.	Principal.	Rate.	Due.	Int. Due.		Principal Due.
Aug. 1, 1874	Aug. 1, 1908	\$100,000.00	7	Aug. 1	\$3,500.00		\$100,000.00
Aug. 1, 1908	Aug. 1, 1909	100,000.00	4	Feb. 1	2,000.00		
						\$5,500.00	
Oct. 1, 1874	Oct. 1, 1908	79,382.00	7	Oct. 1	2,778.37		79,382.00
Oct. 1, 1908	Oct. 1, 1909	79,382.00	4	Apr. 1	1,587.64		
						4,366.01	
Aug. 1, 1875	Aug. 1, 1909	100,000.00	7	Aug. 1	3,500.00		
Aug. 1, 1875	Aug. 1, 1909	100,000.00	7	Feb. 1	3,500.00		
						7,000.00	
June 15, 1888	June 15, 1914	275,000.00	3½	Dec. 15	4,812.50		
June 15, 1888	June 15, 1914	275,000.00	3½	June 15	4,812.50		
						9,625.00	
June 15, 1908	June 15, 1909	57,000.00	4	Dec. 15	1,150.00		
June 15, 1908	June 15, 1909	57,000.00	4	June 15	1,150.00		
						2,300.00	2,875.00
Dec. 1, 1888	Dec. 1, 1908	100,000.00	3½	Dec. 1	1,750.00		100,000.00
Dec. 1, 1908	Dec. 1, 1909	100,000.00	4	June 1	2,000.00		
						3,750.00	
May 1, 1889	May 1, 1919	225,000.00	3½	Nov. 1	3,937.50		
May 1, 1889	May 1, 1919	225,000.00	3½	May 1	3,937.50		
						7,875.00	
Aug. 1, 1889	Aug. 1, 1909	100,000.00	7	Aug. 1	3,500.00		
Aug. 1, 1889	Aug. 1, 1909	100,000.00	7	Feb. 1	3,500.00		
						7,000.00	
Oct. 1, 1889	Oct. 1, 1909	145,000.00	3½	Oct. 1	2,537.50		
Oct. 1, 1889	Oct. 1, 1909	145,000.00	3½	Apr. 1	2,537.50		
						5,075.00	
Jan. 1, 1890	Jan. 1, 1910	50,000.00	3½	July 1	875.00		
Jan. 1, 1890	Jan. 1, 1910	50,000.00	3½	Jan. 1	875.00		
						1,750.00	
July 1, 1890	July 1, 1910	100,000.00	3½	July 1	1,750.00		
July 1, 1890	July 1, 1910	100,000.00	3½	Jan. 1	1,750.00		
						3,500.00	
Jan. 1, 1891	Jan. 1, 1911	100,000.00	3½	July 1	1,750.00		
Jan. 1, 1891	Jan. 1, 1911	100,000.00	3½	Jan. 1	1,750.00		
						3,500.00	
Aug. 1, 1891	Aug. 1, 1911	50,000.00	3½	Aug. 1	875.00		
Aug. 1, 1891	Aug. 1, 1911	50,000.00	3½	Feb. 1	875.00		
						1,750.00	
Nov. 1, 1891	Nov. 1, 1911	100,000.00	4	Nov. 1	2,000.00		
Nov. 1, 1891	Nov. 1, 1911	100,000.00	4	May 1	2,000.00		
						4,000.00	
Oct. 1, 1892	Oct. 1, 1912	100,000.00	3½	Oct. 1	1,750.00		
Oct. 1, 1892	Oct. 1, 1912	100,000.00	3½	Apr. 1	1,750.00		
						3,500.00	

**STATEMENT SHOWING WATER BONDS OUTSTANDING JUNE 30TH,
1908, AND PRINCIPAL AND INTEREST PAYABLE DURING
FISCAL YEAR ENDING JUNE 30TH, 1909.**

Issued.	When Due.	Principal.	Rate.	Due.	Int. Due.		Principal Due.
Dec. 1, 1892	Dec. 1, 1912	100,000.00	3½	Dec. 1	1,750.00		
Dec. 1, 1892	Dec. 1, 1912	100,000.00	3½	June 1	1,750.00		
July 1, 1894	July 1, 1908	70,000.00	3½	July 1	1,225.00	3,500.00	10,000.00
July 1, 1894	July 1, 1908 1914	60,000.00	3½	Jan. 1	1,050.00	2,275.00	
Jan. 1, 1896	Jan. 1, 1916	50,000.00	3½	July 1	875.00		
Jan. 1, 1896	Jan. 1, 1916	50,000.00	3½	Jan. 1	875.00	1,750.00	
July 1, 1896	July 1, 1916	100,000.00	3½	July 1	1,750.00		
July 1, 1896	July 1, 1916	100,000.00	3½	Jan. 1	1,750.00	3,500.00	
June 1, 1897	June 1, 1909	180,000.00	3½	Dec. 1	3,150.00		
June 1, 1897	June 1, 1909 1917	180,000.00	3½	June 1	3,150.00	6,300.00	20,000.00
Sept. 2, 1898	Sept. 2, 1908	27,500.00	3½	Sept. 2	481.25		2,500.00
Sept. 2, 1898	Sept. 2, 1908 1918	25,000.00	3½	Mar. 2	437.50	918.75	
Apr. 26, 1899	Apr. 26, 1909	55,000.00	3½	Oct. 26	962.50		
Apr. 26, 1899	Apr. 26, 1909 1919	55,000.00	3½	Apr. 26	962.50	1,925.00	5,000.00
Apr. 25, 1900	Apr. 25, 1909	60,000.00	3½	Oct. 25	1,050.00		
Apr. 25, 1900	Apr. 25, 1909 1920	60,000.00	3½	Apr. 25	1,050.00	2,100.00	5,000.00
Apr. 1, 1901	Apr. 1, 1909	58,500.00	3½	Oct. 1	1,023.75		
Apr. 1, 1901	Apr. 1, 1909 1921	58,500.00	3½	Apr. 1	1,023.75	2,047.50	4,500.00
June 1, 1902	June 1, 1909	70,000.00	3½	Dec. 1	1,225.00		
June 1, 1902	June 1, 1909 1922	70,000.00	3½	June 1	1,225.00	2,450.00	5,000.00
Mar. 1, 1903	Mar. 1, 1909	56,250.00	3½	Sept. 1	984.38		
Mar. 1, 1903	Mar. 1, 1909 1923	56,250.00	3½	Mar. 1	984.38	1,968.76	3,750.00
Sept. 1, 1903	Sept. 1, 1908	160,000.00	3½	Sept. 1	2,800.00		10,000.00
Sept. 1, 1903	Sept. 1, 1908 1923	150,000.00	3½	Mar. 1	2,625.00	5,425.00	

**STATEMENT SHOWING WATER BONDS OUTSTANDING JUNE 30TH,
1908, AND PRINCIPAL AND INTEREST PAYABLE DURING
FISCAL YEAR ENDING JUNE 30TH, 1909.**

Issued.	When Due.	Principal.	Rate.	Due.	Int. Due.		Principal Due.
July 1, 1904	July 1, 1908 1914	35,000.00	4	July 1	700.00		5,000.00
July 1, 1904	July 1, 1908 1914	30,000.00	4	Jan. 1	600.00	1,300.00	
Aug. 1, 1904	Aug. 1, 1908 1914	17,500.00	4	Aug. 1	350.00		2,500.00
Aug. 1, 1904	Aug. 1, 1908 1914	15,000.00	4	Feb. 1	300.00	650.00	
Sept. 1, 1904	Sept. 1, 1908 1914	70,000.00	4	Sept. 1	1,400.00		10,000.00
Sept. 1, 1904	Sept. 1, 1908 1914	60,000.00	4	Mar 1	1,200.00	2,600.00	
Apr. 1, 1905	Apr. 1, 1909 1915	70,000.00	4	Oct. 1	1,400.00		
Apr. 1, 1905	Apr. 1, 1909 1915	70,000.00	4	Apr. 1	1,400.00	2,800.00	10,000.00
July 1, 1905	July 1, 1908 1935	93,333.34	3½	July 1	1,633.33		3,333.33
July 1, 1905	July 1, 1908 1935	90,000.01	3½	Jan. 1	1,575.00	3,208.33	
July 1, 1905	July 1, 1908 1915	80,000.00	3½	July 1	1,400.00		10,000.00
July 1, 1905	July 1, 1908 1915	70,000.00	3½	Jan. 1	1,225.00	2,625.00	
Sept. 1, 1905	Sept. 1, 1908 1935	466,666.67	3½	Sept. 1	8,166.67		16,666.66
Sept. 1, 1905	Sept. 1, 1908 1935	450,000.00	3½	Mar. 1	7,875.00	16,041.67	
Mar. 1, 1906	Mar. 1, 1909 1916	80,000.00	3½	Sept. 1	1,400.00		
Mar. 1, 1906	Mar. 1, 1909 1916	80,000.00	3½	Mar. 1	1,400.00	2,800.00	10,000.00
Apr. 1, 1906	Apr. 1, 1909 1916	40,000.00	3½	Oct. 1	700.00		
Apr. 1, 1906	Apr. 1, 1909 1916	40,000.00	3½	Apr. 1	700.00	1,400.00	5,000.00
July 1, 1906	July 1, 1908 1926	95,000.00	4	July 1	1,900.00		5,000.00
July 1, 1906	July 1, 1908 1926	90,000.00	4	Jan. 1	1,800.00	3,700.00	
June 1, 1907	June 1, 1957	500,000.00	4	Dec. 1	10,000.00		
June 1, 1907	June 1, 1957	500,000.00	4	June 1	10,000.00	20,000.00	
July 1, 1907	July 1, 1908 1927	200,000.00	4	Jan. 1, '08	*4,000.00		

BUREAU OF WATER.

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**STATEMENT SHOWING WATER BONDS OUTSTANDING JUNE 30TH,
1908, AND PRINCIPAL AND INTEREST PAYABLE DURING
FISCAL YEAR ENDING JUNE 30TH, 1909.**

Issued.	When Due.	Principal.	Rate.	Due.	Int. Due.		Principal. Due.
July 1, 1907	July 1, 1908 1927	200,000.00	4	July 1	4,000.00		10,000.00
July 1, 1907	July 1, 1909 1917	190,000.00	4	Jan. 1, '09	3,800.00	11,800.00	
Sept. 2, 1907	Sept. 2, 1908 1937	300,000.00	4	Mar. 1, '08	*6,000.00		
Sept. 2, 1907	Sept. 2, 1908 1937	300,000.00	4	Sept. 20	6,000.00		
Sept. 2, 1907	Sept. 2, 1909 1937	290,000.00	4	Mar. 2, '09	5,800.00	17,800.00	
Total ----	-----	-----	----			\$191,376.02	\$445,506.99

*To be refunded, \$279,382.00.

*Issued after estimates 1907-1908 were confirmed, \$10,000.00.

SUMMARY.

Interest payable -----	\$191,376.02
Bonds payable -----	445,506.99
For Sinking Fund -----	8,605.00
By Water Bonds to be refunded -----	\$645,488.01
Balance -----	\$279,382.00
	\$366,106.01

COMPARATIVE STATEMENT OF REVENUE RECEIVED ANNUALLY
FROM THE USE OF WATER, FROM DATE OF PURCHASE,
AUGUST 15, 1868.

Year ending July 1, 1869. (P. 1.)

Revenue derived from works since they passed into the possession of the city.....	\$111,123.42
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July 1, 1869, to Dec. 31, 1870.

For water rates and furnishing and putting in service connections in the main pipes, and deposited with the city treasurer	159,655.88
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For the year 1871. (P. 23)

Receipts for water deposited with City Treasurer.....	124,865.00
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For the year 1872 (P. 6)

Receipts for water rates.....	135,441.26
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For the year 1873. (P. 10)

Receipts for water rates.....	165,212.02
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For the year 1874. (P. 9)

To cash received for water rates.....	172,317.25
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For the year 1875. (P. 7)

The total receipts for water were.....	184,516.48
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For the year 1876 (P. 8)

To cash received for water rates and public hydrants.....	182,634.39
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For the year 1877. (P. 11)

Cash received for water rates and public hydrants.....	185,985.24
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For the year 1878. (P. 14)

Cash received for water rates and public hydrants.....	196,723.17
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For the year 1879. (P. 18)

Cash received for water rates and public hydrants.....	201,384.66
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COMPARATIVE STATEMENT OF REVENUE—Continued.

For the year 1880. (P. 12)			
Cash received as water rates.....			210,352.48
For the year 1881. (P. 22)			
Cash received as water rates.....			205,919.51
For the year 1882. (P. 18)			
Paid by city for water in 1882.....	\$100,000.00		
Paid by other consumers.....	250,080.44		350,080.44
For the year 1883. (P. 31)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	251,743.30		351,743.30
For the year 1884. (P.)			
For the year 1885. (P. 26)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	243,434.28		343,434.28
For the year 1886. (P. 22)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	259,296.11		359,296.11
For the year 1887. (P. 24)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	362,215.77		462,215.77
For the year 1888. (P. 29)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	383,150.81		483,150.81
For the year 1889. (P. 25)			
Water for city purposes.....	100,000.00		
Water for other consumers.....	423,678.50		523,678.50
For the year 1890. (P. 24))			
Water for city purposes.....	100,000.00		
Water for other consumers.....	468,831.53		568,831.53
For the year 1891. (P. 22-41)			
Water for city purposes.....	\$100,000.00		
Water for other consumers.....	439,010.15		\$539,010.15

COMPARATIVE STATEMENT OF REVENUE—Continued.

For the year 1892. (P. 22-41)

Water for city purposes.....	100,000.00	
Water for other consumers.....	473,850.15	573,850.15

For the year 1893. (P. 10).

Water for city purposes.....	100,000.00	
Water for other consumers.....	504,650.45	604,650.45

For the year 1894. (P.)

Water for city purposes.....		
Water for other consumers.....		

For the year 1895. (P. 76)

Water for city purposes.....	29,307.12	
Water for other consumers.....	598,217.81	627,524.93

For the year 1896. (P. 97)

Water for city purposes (discontinued)		
Water for other consumers.....		622,699.09

For the year 1897. (P. 39)

Consumers and miscellaneous.....		633,143.94
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For the year 1898. (P. 203)

Water for city purposes (to June 30, 1899)..	100,000.00	
Water for other consumers.....	571,634.29	671,634.29

For the year 1899. (P. 310)

Water for city purposes.....	140,321.19	
Water for other consumers.....	543,813.83	684,135.02

For the year 1900. (P. 328)

Water for city purposes.....	96,437.24	
Water for other consumers.....	535,427.62	631,864.86

For the period Jan. 1, 1901 to June 30, 1902. (P. 174)

City departments.....	\$146,244.03	
Other consumers.....	889,448.41	\$1,035,692.44

For the year ending June 30, 1903. (P. 514)

City departments.....	75,118.21	
Other consumers.....	590,902.64	666,020.85

COMPARATIVE STATEMENT OF REVENUE—Continued.

For the year ending June 30, 1904. (P. 528)

City departments.....	75,562.50	
Other consumers.....	649,940.89	725,503.39

For the year ending June 30, 1905. (P. 588)

City departments.....	87,494.70	
Other consumers.....	635,151.14	722,645.84

For the year ending June 30, 1906.

City departments.....	94,074.70	
Other consumers.....	683,722.38	777,847.08

For the year ending June 30, 1907.

City departments.....	94,642.50	
Other consumers.....	707,582.39	802,224.89

For the year ending June 30, 1908.

City departments.....	95,444.90	
Other consumers.....	737,950.43	833,395.33

COMPARATIVE STATEMENT.

COAL CONSUMED, WATER PUMPED, AND PIPE LAID FOR
33½ YEARS.

Year.	Cost of Fuel Consumed.	Water Pumped, Gallons.	Water Pumped Daily, Gallons.	Pipe, Miles.	Each Year, Miles.
1872	\$ 25,788.33	3,226,891,140	8,840,797	77	9
1873	26,573.60	3,329,193,162	9,316,598	81	4
1874	21,000.00	3,040,012,107	8,509,481	86	4
1875	20,849.66	3,828,594,027	10,489,298	91	4
1876	22,399.44	5,020,936,278	11,016,263	92	1
1877	17,506.88	4,267,218,162	11,691,181	93	
1878	19,840.12	4,589,879,986	12,503,078	94	1
1879	14,435.19	5,291,337,520	14,496,815	97	2
1880	19,909.64	5,993,009,343	16,369,802	102	5
1881	40,910.85	5,344,182,224	17,394,973	114	12
1882	47,956.57	7,076,212,885	19,386,885	131	16
1883	62,097.34	8,568,435,200	23,475,192	150	18
1884	54,197.53	8,789,971,200	24,082,112	164	14
1885	45,501.47	10,441,393,340	26,606,557	191	27
1886	36,691.86	12,069,882,676	33,068,172	213	22
1887	67,040.78	14,033,297,522	38,484,936	232	21
1888	70,111.59	15,545,365,450	42,590,042	252	21
1889	59,565.43	16,451,247,645	45,071,911	277	26
1890	60,458.53	17,340,104,076	47,517,137	302	26
1891	60,775.32	19,633,793,030	53,791,213	328	26
1892	63,182.63	21,589,820,760	59,150,194	350	22
1893	80,885.06	24,821,400,940	68,003,838	386	35
1894	82,699.06	28,934,463,910	79,272,476	420	34
1895	70,199.86	34,049,620,260	93,286,631	445	25
1896	86,094.82	37,287,373,950	93,984,614	456	10
1897	62,028.35	36,288,978,411	89,479,672	472	15
1898	45,266.61	36,120,358,701	89,063,898	479	7
1899	52,500.00	37,542,751,720	92,571,157	486	7
1900	70,650.10	40,134,465,490	98,961,695	489	3
18 mo. { 1901 } { 1902 }	132,440.42	66,146,636,290	114,442,205	494	5 45
1903	102,349.94	47,360,327,880	116,810,392	500	6
1904	157,463.85	51,806,341,840	127,741,660	504	3 45
1905	124,338.75	54,600,947,820	149,591,637	506.97	2 9-10
1906	126,886.13	52,470,366,830	143,754,429	511.77	4 45
1907	124,879.22	52,704,752,520	144,396,582	517.10	5 1-3
1908	100,386.57	48,451,241,033	135,483,126	528.91	11 45

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ANNUAL RECEIPTS AND
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**ANNUAL RECEIPTS AND
DISBURSEMENTS.**

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BUREAU OF WATER.

617

PAY ROLL, 1908.

Name.	Position.	Salary per Annum.	When Appointed.
Henry L. Lyon-----	Deputy Water Com---	\$3,000.00	Jan. 1, 1902
Richard L. Kirtland---	Registrar -----	1,500.00	Feb. 5, 1906
Alexander W. Guild---	Cashier -----	1,400.00	July 1, 1896
Alexander J. Weppner---	Assistant Cashier ---	1,000.00	May 29, 1908
David N. Evans-----	Accountant -----	1,000.00	Mar. 3, 1906
George L. Ritt-----	Bookkeeper -----	1,000.00	Nov. 1, 1899
Chas. E. Richardson---	Gen'l Foreman of Ex---	1,200.00	May 30, 1880
William A. Rose-----	Meter Clerk -----	900.00	Jan. 1, 1902
Fannie L. Howder-----	Stenographer -----	720.00	July 1, 1904
Oliver J. LaBaie-----	Clerk -----	900.00	Nov. 1, 1899
Thomas W. Bishop-----	"-----	900.00	Feb. 1897
Andrew M. Clarke-----	"-----	900.00	May 13, 1897
Bryan J. Boyle-----	"-----	900.00	Nov. 3, 1899
John A. Duffy-----	"-----	900.00	Feb. 1900
Louis F. Iulig-----	"-----	900.00	Sept. 2, 1905
Thomas H. Officer-----	Bill and Check Clerk	900.00	May 1892
William Messing-----	" "-----	900.00	May 1892
James F. Crooker-----	" "-----	900.00	Feb. 10, 1905
Frank J. Hülligan-----	" "-----	900.00	Feb. 28, 1906
Thomas J. Rogers-----	Civil Engineer -----	1,500.00	July 1, 1902
Ephraim Funk-----	Pipe Inspector -----	780.00	March 1881
George S. Morgan-----	Meter Inspector -----	900.00	July 1, 1906
John A. Hutchinson-----	" "-----	900.00	Dec. 1, 1906
Max Geiger-----	General Inspector -----	1,000.00	June 1888
Patrick J. Quinn-----	Inspector -----	840.00	April 1884
John G. Grosskopf-----	"-----	840.00	April 1885
Michael Hess-----	"-----	840.00	May 1888
James J. Burke-----	"-----	840.00	May 1891
Jacob Peters-----	"-----	840.00	May 1891
John W. Lyons-----	"-----	840.00	Nov. 21, 1893
William Christian-----	"-----	840.00	July 1896
John Roach-----	"-----	840.00	Nov. 1, 1899
Henry J. Battel-----	"-----	840.00	Nov. 1, 1899
Nelson Simmons-----	"-----	840.00	Nov. 3, 1899
Dennis E. Nehin-----	"-----	840.00	Nov. 3, 1899
Joseph S. Bollman-----	"-----	840.00	Nov. 3, 1899
Adam J. Wagner-----	"-----	840.00	Nov. 3, 1899
Walter P. Simpson-----	"-----	840.00	Nov. 8, 1899
Bertram F. Sabin-----	"-----	840.00	Dec. 12, 1901
George H. Sears-----	"-----	840.00	July 1, 1903
Cornelius Downey-----	"-----	840.00	Feb. 20, 1904
James J. Corkery-----	"-----	840.00	Feb. 26, 1904
John Carter-----	"-----	840.00	Apr. 28, 1905
Emanuel Silvey-----	"-----	840.00	Apr. 28, 1905
Reuben J. Burchfield-----	"-----	840.00	Apr. 28, 1905
Frank J. McNerney-----	"-----	840.00	Apr. 28, 1905
William D. Balliett-----	"-----	840.00	Apr. 1, 1907

PAY ROLL, 1908.—Continued.

Name.	Position.	Salary per Annum.	When Appointed.
Henry J. Burke	Inspector	840.00	Jan. 18, 1907
John J. Morrissey	"	840.00	Nov. 15, 1906
John T. Walsh	"	840.00	July 31, 1907
John H. Shifferens	Gen. Foreman Repairs	1,800.00	Jan. 1, 1902
Patrick Taughran	Foreman of Leaks	1,200.00	Apr. 21, 1904
Eugene Rebadow	Foreman of Valves	900.00	June 15, 1897
George McConnell	Foreman of Hydrants	900.00	1896
John Sweeney	Repairer	720.00	June 1, 1883
Michael McCarthy	"	720.00	May 5, 1886
James Connors	"	720.00	1890
Louis Bentz	"	720.00	Apr. 29, 1891
Hugh Cunningham	"	720.00	Feb. 9, 1892
Joseph Wozniak	"	720.00	Dec. 14, 1893
Adam Kries	"	720.00	Oct. 16, 1895
Nicholas Bracca	"	720.00	Nov. 1, 1895
George Bracca	"	720.00	May 15, 1896
Edward Langman	"	720.00	Sept. 26, 1896
Daniel Cummings	"	720.00	Mar. 11, 1898
John O'Horo	"	720.00	Oct. 11, 1903
Jacob Gabolski	"	720.00	Dec. 1903
George Fisher	"	720.00	Jan. 1904
Joseph Walkowiak	"	720.00	Jan. 1904
John Whinihan	"	720.00	June 1904
Joseph Holschuh	"	720.00	Aug. 11, 1904
Frederick Keebler	"	720.00	Apr. 28, 1905
Peter Bracca	"	720.00	Apr. 28, 1905
Chas. Pasquale	"	720.00	Apr. 28, 1905
Stephen Murphy	"	720.00	Dec. 1, 1906
Matt Glizezynski	"	720.00	Mar. 2, 1907
Michael Carey	"	720.00	May 4, 1907
Andrew Paterson	"	720.00	Oct. 15, 1896
George H. Chambers	General Storekeeper	900.00	Apr. 10, 1888
John J. Coughlin	Yard Foreman	720.00	July 1, 1900
Albert J. Boddy	"	720.00	Feb. 1, 1907
Joseph T. Kennelly	"	720.00	July 13, 1907
Herman W. Lindeke	Carpenter	800.00	July 1, 1896
Frederick Rettke	Carpenter's Helper	540.00	May 13, 1904
Geo. M. Schneider	Plumber	1,000.00	Apr. 24, 1882
Chas. Yesser	"	840.00	July 1, 1906
John Collins	"	840.00	July 1, 1906
Joseph Ederer	Plumber's Helper	720.00	July 1, 1906
Frank Coleman	"	720.00	July 1, 1906
Wm. J. Schneider	"	720.00	May 16, 1908
George J. Beer	Laborer for Plumber	466.50	May 4, 1907
Thomas Abrams	Blacksmith	780.00	Apr. 1, 1902
Chas. Schwartzbeck	Blacksmith's Helper	540.00	Apr. 1, 1902
Frank Schelberg	Foreman of Stables	780.00	June 2, 1905

PAY ROLL, 1908.—Continued.

Name.	Position.	Salary per Annum.	When Appointed.
Michael Lynett	Stableman	540.00	June 20, 1891
George Haeffner	"	540.00	Apr. 3, 1895
Patrick Kinney	"	540.00	Apr. 1, 1904
Frank Osborne	Cleaner Vehicles and Harness	540.00	Oct. 20, 1905
John Fisher	Caller	540.00	Apr. 15, 1881
Stephen Quinn	"	540.00	Mar. 2, 1907
Jacob Fisher	Teamster	720.00	Sept. 27, 1880
Edward Robinson	"	720.00	Oct. 15, 1900
Wm. Schelberg	"	720.00	July 1, 1906
John Meissner	Tapper	900.00	Nov. 25, 1905
Matt Malloy	"	900.00	Apr. 28, 1905
Henry Neenan	Tapper's Helper	600.00	Apr. 11, 1904
Jos. Olikowski	"	600.00	Apr. 23, 1904
Frank Mulligan	Repairer of Hydrants	600.00	Nov. 1, 1904
Andrew Huelz	"	600.00	May 4, 1907
Daniel O'Day	Oiler of Hydrants	469.50	Feb. 1, 1907
Daniel O'Neil	"	469.50	Feb. 1, 1908
James Daw	Repairer of Valves	600.00	Apr. 11, 1904
Andrew Rieppel	"	600.00	July 11, 1904
John Fink	Mason	900.00	Apr. 1, 1898
Lawrence Schupp	Mason's Helper	540.00	July 1, 1900
Edward Hartnett	Foreman Service Boxes	600.00	Oct. 13, 1906
Peter Keller	Repairer Service Boxes	469.50	July 11, 1904
Matt Lannon	"	469.50	July 11, 1904
Emil Hinkley	Laborer, Genesee St. Storehouse	540.00	July 1, 1893
Frederick Becker	Laborer, Genesee St. Storehouse	540.00	June 2, 1905
Daniel Scully	Laborer, Genesee St. Storehouse	540.00	Feb. 1, 1908
Wm. Penwell	Watchman at Reservoir	540.00	Aug. 1889
Geo. H. Williams	"	540.00	Nov. 7, 1897
Ernst Bamberg	"	540.00	June 30, 1905
Frederick Riegelman	Laborer at Reservoir	469.50	Apr. 28, 1905
John Haas	"	469.50	Apr. 28, 1905
James B. Cloudsley	Chief Engineer Steam Power	2,500.00	July 1, 1902
Frederick M. Driggs	First Ass't. Engineer	1,500.00	July 1, 1896
Hugh Cameron	Assistant Engineer	1,186.25	1885
Philip Brown	"	1,186.25	1881
Luke Mullany	"	1,186.25	1888
Edward Hayes	"	1,186.25	May 1878
John Finley	"	1,186.25	1896
Michael Waters	"	1,186.25	1896
William E. Riester	"	1,186.25	Sept. 16, 1903
John J. Nolan	"	1,186.25	1896

PAY ROLL, 1908.—Continued.

Name.	Position.	Salary per Annum.	When Appointed.
David B. Cloudsley	Assistant Engineer	1,186.25	Mar. 3, 1905
Joseph Slater	"	1,186.25	Oct. 7, 1907
Eugene B. Waite	Electrical Engineer	1,186.25	July 1, 1906
Howard H. Fitzgerald	"	1,186.25	July 1, 1906
Frank Murray	"	1,186.25	Oct. 25, 1906
John F. Gillogly	Oiler, Electric Engine	821.25	July 1, 1906
Alexander McDougal	"	821.25	July 1, 1906
George Gardner	"	821.25	July 1, 1906
Frank Zimmerman	Oiler, Coal Conveyor	638.75	July 1, 1906
Frederick Townsend	"	638.75	July 1, 1906
Irving Hall	"	638.75	July 1, 1906
William Bruner	Clerk	900.00	May 1, 1893
John E. Duncan	Foreman Timekeeper	912.50	Apr. 28, 1905
William Abraham	Foreman of Firemen	1,095.00	1881
William Roach	"	1,095.00	1892
Michael McCabe	"	1,095.00	Dec. 1894
Elijah Hodgkins	Fireman	912.50	1892
Thomas Lynch	"	912.50	May 10, 1887
Barney C. Ryan	"	912.50	May 16, 1888
Elmer Parks	"	912.50	1893
James Higgins	"	912.50	Aug. 1, 1894
Timothy Cullinan	"	912.50	1894
Frank H. Inman	"	912.50	Apr. 10, 1895
Michael Burke	"	912.50	1896
Peter Robinson	"	912.50	Jan. 1901
John Hickey	"	912.50	July 1895
Charles Fellner	"	912.50	Apr. 10, 1895
Charles Volk	"	912.50	Jan. 1, 1904
Herman Preiss	"	912.50	1895
Bernard Carr	"	912.50	Oct. 13, 1906
John Banaszak	"	912.50	Feb. 1, 1904
George Hort	"	912.50	Sept. 1895
Thomas Cruice	"	912.50	Dec. 2, 1905
James N. Harper	Coal Passer	2.00 per day	Feb. 27, 1895
Thomas Holleran	"	2.00	July 28, 1902
John J. Cullinan	"	2.00	Feb. 3, 1903
Patrick Brennan	"	2.00	May 11, 1903
Charles Klenk	"	2.00	Nov. 1, 1903
Charles Yandt	"	2.00	Nov. 11, 1903
Martin Wachowiak	"	2.00	Jan. 1, 1904
John Buczkowski	"	2.00	July 1, 1904
George Norgate	"	2.00	July 1, 1904
James O'Connell	"	2.00	Apr. 1, 1905
John F. May	"	2.00	Apr. 28, 1905
Andrew Deichman	"	2.00	Aug. 4, 1905
Albert James	"	2.00	Nov. 18, 1905
Thomas Cruice	"	2.00	Dec. 2, 1905

PAY ROLL, 1908.—Continued.

Name.	Position.	Salary per Annum.	When Appointed.
George Sawyer	Coal Passer	2.00 per day	Dec. 2, 1905
John Lunz	"	2.00 "	Mar. 5, 1908
George Boyer	"	2.00 "	Aug. 16, 1907
John Brady	"	2.00 "	July 12, 1907
Jeremiah Gainey	"	2.00 "	Oct. 21, 1907
Christian Grimm	Machinist	3.00 "	July 1, 1906
James O'Hara	"	3.00 "	Oct. 7, 1907
Victor Kessler	"	3.00 "	July 1, 1906
Frederick W. Dean	Boiler Maker	3.00 "	July 1, 1906
Timothy Hanrahan	Boiler Maker's Helper	1.75 "	July 1, 1906
Charles Fitzgerald	Engine Repairman	780.00	1887
Wm. McGee	"	780.00	Apr. 13, 1906
Michael Geiger	Engine Repairman	780.00	Apr. 21, 1902
Edward Tolsma	Helper	540.00	Apr. 3, 1889
Edwin H. Gardner	Carpenter	800.00	July 31, 1907
Peter Wurtz	Carpenter's Helper	540.00	June 15, 1907
Robert Sawdye	Boiler Cleaner	540.00	July 1, 1906
Hugh Higgins	"	540.00	May 15, 1907
Thomas Hughes	Blacksmith	939.00	Oct. 13, 1906
Patrick Higgins	Blacksmith's Helper	600.00	Jan. 11, 1906
Andrew Holtzer	Oiler	1.75 per day	Aug. 30, 1907
William Dean, Jr.	Helper	540.00	Aug. 30, 1907
Joseph P. Greiner	Trimmer Elec. Service	2.00 per day	July 1, 1906
William Dean, Sr.	Cleaner	1.50 "	Jan. 1898
Ignatz Gliszczynski	"	1.50 "	June 1, 1902
Patrick McMahon	"	1.50 "	May 15, 1907
Charles Saalfeld	"	1.50 "	May 15, 1908
Daniel Riordan	Oiler	1.75 "	Mar. 1888
Frederick DeFrance	"	1.75 "	June 10, 1888
Peter Schultz	"	1.75 "	1889
Daniel Kane	"	1.75 "	1893
Benjamin Kendrick	"	1.75 "	Mar. 1896
Henry Reynolds	"	1.75 "	Oct. 1, 1902
William Leonard	"	1.75 "	June 7, 1902
William Good	"	1.75 "	Feb. 1, 1904
Charles Shepard	"	1.75 "	July 1, 1906
William Keefe	"	1.75 "	July 1, 1906
Louis Nickranz	"	1.75 "	Nov. 30, 1907
Adelbert Niles	"	1.75 "	Dec. 15, 1907
John Cotter	"	1.75 "	Aug. 31, 1906
John F. O'Rourke	Helper	540.00	May 15, 1907
William J. Martin	Oiler	1.75 per day	Nov. 30, 1907
Joseph M. Hickey	Wiper	1.75 "	Sept. 15, 1876
Morris Shanahan	"	1.75 "	1885
Thomas O'Donnell	"	1.75 "	1887
John Schmitz	"	1.75 "	1887
Asher B. Graves	"	1.75 "	Apr. 17, 1903

PAY ROLL, 1908.—Continued.

Name.	Position.	Salary per Annum.	When Appointed.
Edward A. Galligan	Wiper	1.75 "	1904
Stanley F. Jajubowski	"	1.75 per day	1904
Joseph White	"	1.75 "	Mar. 22, 1905
August Burgard	"	1.75 "	May 1905
William Manning	"	1.75 "	July 1, 1906
Frank J. Allinger	"	1.75 "	July 1, 1906
Thomas Martin	"	1.75 "	May 4, 1907
Christian G. Mann	Mason Fire Box Rep's.	626.00	1898
Morris Shea	Mason's Helper	540.00	Oct. 1898
Thomas J. McQuade	Pipe Fitter	900.00	1898
Charles Mulhall	Helper	540.00	Oct. 14, 1902
Patrick Doherty	Janitor	547.50	June 1896
Joseph T. Autchak	Storekeeper	730.00	Oct. 28, 1905
George Thomas	Storekeeper's Helper	547.75	Apr. 28, 1905
Irving J. Webb	Laborer	540.00	June 2, 1907
Charles Spire	Painter	600.00	1899
Louis Fitzpatrick	"	600.00	July 31, 1907
Frederick T. Elbers	Foreman of Laborers	730.00	Nov. 15, 1907
Daniel McMahon	Laborer	1.50 per day	June 15, 1907
Charles Nowak	"	1.50 "	May 11, 1903
George Krieger	"	1.50 "	Feb. 3, 1905
Stanislaus Markewicz	"	1.50 "	Mar. 3, 1906
George H. Clarke	Keeper, Inlet Pier	3.00 "	Oct. 13, 1906
Daniel Crowley	Foreman, " "	2.50 "	July 1, 1906
C. Edward Walker	" " "	2.50 "	July 1, 1906
George Johnson	" " "	2.50 "	Nov. 15, 1906
Thomas Cartér	Engineer, " "	2.50 "	July 1, 1906
George P. Taylor	Watchman	1.50 "	1898
Moses B. Tice	"	1.50 "	1905
Joseph K. Kelso	"	1.50 "	Nov. 16, 1907

PUMPING STATION.

HISTORY OF ENGINES.

ENGINE NO. 1.

This was the first engine purchased by the City after it had acquired the property of the Buffalo Waterworks Company.

It was erected by Henry R. Worthington. Steam was turned on, for the first time, December 12, 1872. Its capacity was ten million gallons of water in twenty-four hours. The cost was \$51,750.

The foundations were rebuilt and engines repaired by Messrs. Farrar & Trefts, of Buffalo, N. Y., in 1886, at a cost of \$4,288.

In 1898 the Lake Erie Engineering Works, of Buffalo, N. Y., reconstructed the steam end at a cost of \$23,750.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	4
Diameter of the two high-pressure cylinders.....	27 inches each.
Diameter of the two low-pressure cylinders.....	54 inches each.
Diameter of the high-pressure piston-rod.....	5 inches.
Diameter of the two low-pressure piston-rods.....	5 inches each.
Stroke of the engine.....	48 inches.
Diameter of each plunger.....	30 inches.
Diameter of plunger-rod.....	5 inches.
Number of gals. of water pumped by each revolution.....	579
Capacity of engine in twenty-four hours.....	12 million gals
Number of valves in pump chambers.....	64
Diameter of valves.....	10½ inches.
Diameter of each of the two fly-wheels.....	16 feet.
Weight of each fly-wheel.....	20 tons.
Diameter of the discharge pipe.....	36 inches.
Horse-power of engine.....	430

ENGINE NO. 2.

On the site of this engine was erected the Double Cornish Bull Engines, Nos. 1 and 2, built by Norris, of Philadelphia, Pa. Their capacity was 4,000,000 gallons in twenty-four hours. They were started for the first time in January, 1851. They were acquired by the City in the purchase of the Buffalo Waterworks Company plant in 1868, and were sold in 1875 for \$2,500.

This engine was erected by Henry R. Worthington. Steam was turned on for the first time, September 22, 1876. Its capacity was 15,000,000 gallons in twenty-four hours. The cost was \$59,000.

The foundations were rebuilt and engines repaired by Mr. Henry G. Trout, of Buffalo, N. Y., in 1891, at a cost of \$6,629.

In 1898 the Lake Erie Engineering Works of Buffalo, N. Y., reconstructed the steam end at a cost of \$28,750.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	4
Diameter of the two high-pressure cylinders.....	34 inches each.
Diameter of the two low-pressure cylinders.....	68 inches each.
Diameter of the high-pressure piston-rod.....	5½ inches.
Diameter of the two low-pressure piston rods.....	6 inches each.
Stroke of the engine.....	48 inches.
Diameter of each plunger.....	38 inches.
Diameter of plunger-rod.....	6 inches.
Number of gals. of water pumped by each revolution.....	930
Capacity of engine in twenty-four hours.....	20 million gals.
Number of valves in pump chambers.....	96
Diameter of valves.....	10½ inches.
Diameter of each of the two fly-wheels.....	18 feet.
Weight of each fly-wheel.....	25 tons.
Diameter of discharge pipe.....	36 inches.
Horse-power of engine.....	700

ENGINE NO. 3.

This engine was erected by Henry R. Worthington in 1882. Its capacity was 15,000,000 gallons of water in twenty-four hours. The cost was \$42,500.

In 1898 the Lake Erie Engineering Works of Buffalo, N. Y., reconstructed the steam end at a cost of \$28,750.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	4
Diameter of the two high-pressure cylinders.....	34 inches each.
Diameter of the two low-pressure cylinders.....	68 inches each.
Diameter of the high-pressure piston-rod.....	5½ inches.
Diameter of the two low-pressure piston-rods.....	6 inches each.
Stroke of the engine.....	48 inches.
Diameter of each plunger.....	38 inches.
Diameter of plunger-rod.....	6 inches.
Number of gals. of water pumped by each revolution.....	930
Capacity of engine in twenty-four hours.....	20 million gals.
Number of valves in pump chambers.....	96
Diameter of valves.....	10½ inches.
Diameter of each of the two fly-wheels.....	18 feet.
Weight of each fly-wheel.....	25 tons.
Diameter of discharge pipe.....	36 inches.
Horse-power of engine.....	700

ENGINE NO. 6.

This engine was erected by The Holly Manufacturing Company, of Lockport, N. Y., in 1889, and cost \$100,000.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	4
Diameter of the two high-pressure cylinders.....	36 inches each.
Diameter of the two low-pressure cylinders.....	72 inches each.
Diameter of the high-pressure piston-rod.....	5 inches.
Diameter of the two low-pressure piston-rods.....	5½ inches each.
Stroke of the engine.....	48 inches.
Diameter of each plunger.....	38 inches.
Diameter of plunger-rod.....	6 inches.
Number of gals. of water pumped by each revolution.....	930
Capacity of engine in twenty-four hours.....	20 million gals.
Number of valves in pump chambers.....	2376
Diameter of valves.....	1 13 inches.
Diameter of fly-wheel.....	23 ft. 4 inches.
Weight of fly-wheel.....	31 tons.
Diameter of discharge pipe.....	36 inches.
Horse-power of engine.....	700

ENGINE NO. 7.

This engine was erected by The Holly Manufacturing Company, of Lockport, N. Y., in 1892, and cost \$100,000.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	4
Diameter of the two high-pressure cylinders.....	36 inches each.
Diameter of the two low-pressure cylinders.....	72 inches each.
Diameter of the high-pressure piston-rod.....	5 inches.
Diameter of the two low-pressure piston-rods.....	5½ inches each.
Stroke of the engine.....	48 inches.
Diameter of each plunger.....	38 inches.
Diameter of plunger-rod.....	6 inches.
Number of gals. of water pumped by each revolution.....	930
Capacity of engine in twenty-four hours.....	20 million gals.
Number of valves in pump chambers.....	2376
Diameter of valves.....	1 1-3 inches.
Diameter of fly-wheel.....	23 ft. 4 inches.
Weight of fly-wheel.....	31 tons.
Diameter of discharge pipe.....	36 inches.
Horse-power of engine.....	700

ENGINE NO. 8.

This engine was erected by the Lake Erie Engineering Works, of Buffalo, N. Y., in 1896, and cost \$70,000.

Steam was turned on for the first time July 4, 1896.

Pump and foundation rebuilt in 1905 by Snow Steam Pump Works, and cost \$35,000.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	3
Diameter of the high-pressure cylinder.....	37 inches.
Diameter of the intermediate cylinder.....	63 inches.
Diameter of the low-pressure cylinder.....	94 inches.
Diameter of the two piston-rods.....	5 inches.
Stroke of the engine.....	60 inches.
Number of pumps.....	3
Diameter of each plunger.....	42 inches.
Diameter of each of the four plunger-rods.....	5½ inches.
Diameter of air pump.....	33 inches.
Number of gals. of water pumped by each revolution.....	1079
Capacity of engine in twenty-four hours.....	30 million gals.
Number of valves in pump chambers.....	1248
Diameter of valves.....	4¾ inches.
Diameter of each of the two fly-wheels.....	20 feet.
Weight of fly-wheels.....	32 tons each.
Diameter of discharge pipe.....	48 inches.
Horse-power of engine.....	1200

ENGINE NO. 9.

This engine was erected by the Lake Erie Engineering Works, of Buffalo, N. Y., in 1898, and cost \$70,000.

The principal dimensions of the engine are as follows:

Number of steam cylinders.....	3
Diameter of the high-pressure cylinder.....	37 inches.
Diameter of the intermediate cylinder.....	63 inches.
Diameter of the low-pressure cylinder.....	94 inches.
Diameter of the two piston-rods.....	5 inches each.
Stroke of the engine.....	60 inches.
Number of pumps.....	3
Diameter of each plunger.....	42 inches.
Diameter of each of the four plunger-rods.....	5½ inches.
Diameter of air pump.....	33 inches.
Number of gals. of water pumped by each revolution.....	1079
Capacity of engine in twenty-four hours.....	30 million gals.
Number of valves in pump chambers.....	1188
Diameter of valves.....	4¾ inches.
Diameter of each of the two fly-wheels.....	20 feet.
Weight of fly-wheels.....	32 tons each.
Diameter of discharge pipe.....	48 inches.
Horse-power of engine.....	1200

ELECTRIC PUMP NO. 1.

This is an electrically driven centrifugal pump, and was erected by Snow Steam Pump Works, of Buffalo, N. Y., in 1905, and cost \$40,000. The motor is a vertical-shaft three-phase induction motor furnished by the General Electric Company, of Schenectady, N. Y.

Size of pump.....	13 ft. by 13 ft.
Diameter of impellers.....	36 inches.
Stages	2
Revolutions per minute.....	500
Horse-power	1500
Capacity in 24 hours.....	25 million gals.
Diameter of discharge pipe.....	30 inches.

ELECTRIC PUMP NO. 2.

This is an electrically driven centrifugal pump, and was erected by Snow Steam Pump Works, of Buffalo, N. Y., in 1907, and cost \$40,000. The motor is a vertical-shaft three-phase induction motor furnished by The General Electric Company, of Schenectady, N. Y.

Size of pump.....	13 ft. by 13 ft.
Diameter of impellers.....	36 inches.
Stages	2
Revolutions per minute.....	500
Horse-power	1500
Capacity in 24 hours.....	25 million gals.
Diameter of discharge pipe.....	30 inches.

BUREAU OF WATER.

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ENGINE RECORD.

ENGINE NO. 1 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Feed Water Temperature.	Time Run.		Water Pumped, Gallons.	Water Pressure.	Water Below Gauge		Coal.	Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.		
January, 1908	120	20	120	20	--	10,178,820	50	18	7	133.7	24,420	46,255,200
February	120	20	120	150	45	77,701,800	50	19	2	134.2	186,480	46,411,900
March	120	20	120	61	--	31,850,790	50	19	--	134	76,440	46,342,900
April	120	20	120	8	30	4,493,040	50	19	1	134.1	10,780	46,388,500
May	120	20	120	155	--	85,952,550	50	19	2	134.2	206,280	46,412,200
June	120	20	120	29	--	17,410,530	50	18	4	133.4	41,790	46,256,500
July	120	20	120	2	--	1,488,030	50	18	8	133.8	3,570	51,166,900
August	120	20	120	--	--	--	--	--	--	--	--	--
September	--	--	--	--	--	--	--	--	--	--	--	--
October	--	--	--	--	--	--	--	--	--	--	--	--
November	--	--	--	--	--	--	--	--	--	--	--	--
December	--	--	--	--	--	--	--	--	--	--	--	--
Total	120	20	120	426	15	229,075,560	50	18	10	133.10	549,760	47,083,600

ENGINE RECORD.—Continued.

ENGINE NO. 2 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.	Lbs.		
January, 1908	125	20	120	660	45	413,668,900	50	18	2	133.2	992,800	198,500	46,068,000
February	120	20	120	540	---	347,792,100	50	17	6	132.6	834,700	166,900	45,857,500
March	120	20	120	311	30	216,448,200	50	17	6	132.6	519,470	103,800	45,857,500
April	125	24	120	470	30	305,514,300	50	19	6	134.6	733,230	146,600	46,549,400
May	125	24	120	505	15	322,012,500	50	19	5	134.5	772,830	154,500	46,514,500
June	120	22	120	659	---	437,118,600	50	19	3	134.3	1,049,080	209,800	46,445,600
July	120	24	120	604	30	403,657,200	50	18	3	133.3	968,780	193,700	46,099,900
August	120	24	120	281	---	193,226,100	50	18	9	133.9	463,740	92,700	46,307,300
September	120	18	120	381	---	253,043,700	50	19	9	134.9	607,300	134,600	46,653,300
October	120	18	120	261	---	172,477,800	50	19	6	134.6	413,950	82,700	46,549,900
November	120	18	120	14	---	8,965,200	50	19	4	134.4	21,510	4,500	46,494,000
December	120	24	120	331	---	218,289,600	50	18	2	133.2	523,890	104,700	46,065,500
Total	120	21	120	5,019	30	3,292,214,200	50	18	9	133.9	7,901,280	1,593,000	46,288,500

BUREAU OF WATER.

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ENGINE RECORD.—Continued.

ENGINE NO. 3 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.	Lbs.		
January, 1908	120	17	120	342	15	233,904.300	50	19	2	134.2	561.370	112,200	46,410,800
February ---	120	15	120	376	15	277,632.900	50	19	2	134.2	666.310	133,260	46,410,800
March ----	120	16	120	573	30	424,600.800	50	19	1	134.1	1,019.040	203,800	46,376,300
April ----	120	11	120	134	45	100,505.100	50	19	2	134.2	241.210	48,200	46,410,800
May ----	120	10	100	136	30	120,435.000	50	19	3	134.3	289.040	57,800	46,446,000
June ----	120	8	120	343	15	232,304.700	50	19	2	134.2	557.530	111,500	46,410,800
July ----1907	120	20	120	101	---	70,094.100	50	18	5	133.5	168.230	33,640	46,170,400
August ----	120	23	120	22	---	14,591.700	50	18	10	133.10	35.020	7,000	46,030,500
September ---	120	20	120	143	15	90,396.000	50	19	4	134.4	216.950	43,300	46,941,000
October ----	120	18	120	209	15	139,779.000	50	19	6	134.6	335.470	67,000	46,558,800
November ---	120	18	120	336	30	240,051.600	50	19	7	134.7	576.120	115,200	46,584,000
December ---	120	17	120	221	45	166,070.100	50	19	5	134.5	398.560	79,700	46,515,500
Total ----	120	16	120	2,960	15	2,110,365.300	50	19	2	134.2	5,064.850	1,012,600	46,438,800

ENGINE RECORD.—Continued.

ENGINE NO. 4 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped, Gallons.	Water Pressure.	Water Below Gauge.		Coal.	Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.		
January, 1908	120	25	120	722	15	448,914,610	50	24	4	139.4	215,400	48,209,400
February	120	24	120	682	45	442,246,840	50	24	3	139.3	212,200	48,174,900
March	120	24	120	733	—	481,836,250	50	24	2	139.2	231,200	48,140,300
April	120	24	120	700	15	464,469,740	50	24	2	139.2	222,900	48,140,300
May	120	24	120	741	30	493,444,840	50	24	2	139.2	236,800	48,140,300
June	120	24	120	343	15	227,571,400	50	24	2	139.2	109,200	48,140,300
July	120	24	120	744	—	486,744,580	50	24	3	139.3	233,630	48,174,900
August	120	25	120	655	30	428,505,000	50	24	3	139.3	205,680	48,174,900
September	120	25	120	709	—	440,362,160	50	24	5	139.5	217,000	48,244,200
October	120	25	120	690	45	436,043,720	50	24	7	139.7	209,300	48,313,100
November	120	25	120	720	—	453,673,640	50	24	2	139.2	217,700	48,140,300
December	120	25	120	731	30	458,518,900	50	24	4	139.4	220,000	48,209,400
Total	120	25	120	8,173	45	5,262,331,680	50	24	3	139.3	2,531,010	48,183,500

BUREAU OF WATER.

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ENGINE RECORD.—Continued.

ENGINE NO. 5 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped, Gallons.	Water Pressure.	Water Below Gauge.		Coal.	Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.		
January, 1908	120	24	120	460	15	287,196,240	75	25	2	197.7	947,740	49,724,600
February	---	---	---	---	---	---	---	---	---	---	---	---
March	---	---	---	---	---	---	---	---	---	---	---	---
April	---	---	---	---	---	---	---	---	---	---	---	---
May	---	---	---	---	---	---	---	---	---	---	---	---
June	---	---	---	---	---	---	---	---	---	---	---	---
July ---1907	120	24	120	736	15	468,049,140	75	24	8	197.1	1,544,560	49,573,700
August	120	22	120	709	45	470,409,360	75	24	11	197.4	1,552,360	49,649,100
September	120	23	120	705	---	442,345,260	75	25	1	197.6	1,459,740	49,699,800
October	120	24	120	596	30	372,397,680	75	25	3	197.8	1,228,910	49,749,800
November	120	24	120	720	---	432,570,780	75	25	2	197.7	1,427,480	49,724,600
December	120	24	120	743	30	439,559,700	75	25	2	197.7	1,450,540	49,724,600
Total	120	24	120	4,671	15	2,912,528,160	75	25	1	197.6	9,611,330	49,692,300

ENGINE RECORD.—Continued.

ENGINE NO. 6 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours	Min.			Ft.	In.	Total Head.	Lbs.		
January, 1908	120	26	120	91	15	54,842,100	75	25	8	198.1	180,970	36,100	49,802,500
February	120	26	120	506	---	335,850,900	50	24	4	139.4	806,040	161,200	48,209,300
March	125	26	120	9	---	6,640,200	75	26	5	198.10	21,910	4,300	49,831,200
April	120	26	120	16	---	10,118,400	75	26	4	198.9	33,390	6,600	50,027,400
May	---	---	---	---	---	---	---	---	---	---	---	---	---
June	125	25	120	16	---	4,036,200	75	26	6	198.11	13,310	2,600	49,863,100
July	120	25	120	570	30	394,310,700	75	25	1	197.6	1,301,230	260,200	49,622,300
August	120	26	120	696	---	456,564,900	75	25	3	197.8	1,506,670	301,300	49,749,700
September	120	24	120	326	---	211,268,100	75	26	8	199.1	697,190	139,400	48,886,400
October	120	25	120	335	45	211,119,300	75	26	1	198.6	696,690	139,300	49,951,200
November	120	25	120	299	---	177,062,700	75	26	1	198.6	584,300	116,800	49,951,200
December	120	25	120	111	30	68,150,400	75	25	9	198.2	224,890	44,900	49,851,700
Total	120	25	120	2,977	---	1,929,963,900	75	25	10	198.4	6,066,590	1,212,700	49,613,300

BUREAU OF WATER.

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ENGINE RECORD.—Continued.

ENGINE NO. 7 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.	Lbs.		
January, 1908	120	26	120	637	30	366,420,000	75	25	1	197.6	1,209,180	241,800	49,702,300
February	120	26	120	687	25	404,531,400	75	24	9	197.2	1,334,950	266,900	49,598,900
March	120	26	120	558	40	321,598,650	75	26	9	199.2	1,061,270	212,300	50,083,200
April	120	26	120	16	---	11,067,000	75	26	4	198.9	36,520	7,300	50,027,800
May	---	---	---	---	---	---	---	---	---	---	---	---	---
June	120	26	120	401	30	285,547,200	75	26	2	198.7	942,300	188,400	49,976,600
July	120	26	120	249	---	170,097,000	75	25	---	197.5	561,320	112,200	49,674,300
August	120	26	120	67	15	47,430,000	75	25	1	197.6	156,520	31,300	49,702,300
September	120	25	120	411	---	271,467,000	75	26	8	199.1	895,840	179,100	50,076,700
October	120	25	120	562	30	349,773,000	75	26	4	198.9	1,154,250	230,800	50,026,400
November	120	25	120	425	45	253,657,500	75	26	2	198.7	837,060	167,410	49,976,600
December	120	26	120	638	---	373,534,500	75	26	3	198.8	1,232,660	246,500	49,190,100
Total	120	26	120	4,654	35	2,855,123,250	75	25	10	198.4	9,421,870	1,884,010	49,821,400

ENGINE RECORD.—Continued.

ENGINE NO. 8 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped, Gallons.	Water Pressure.	Water Below Gauge.		Coal.	Ashes.	Duty.
				Hours	Min.			Ft.	In.	Total Head.		
January, 1908	120	25	120	736	50	896,756,900	50	23	---	138	286,960	71,587,800
February	120	25	120	695	30	836,926,350	50	23	---	138	267,810	71,587,800
March	120	25	120	736	05	912,100,280	50	23	---	138	291,870	71,587,800
April	120	25	120	692	20	852,539,480	50	23	---	138	272,810	71,587,800
May	120	25	120	728	45	903,376,180	50	23	---	138	289,140	71,587,800
June	120	25	120	718	55	902,292,170	50	23	---	138	288,730	71,587,800
July	120	25	120	732	10	911,755,000	50	23	---	138	290,700	71,587,800
August	120	25	120	734	15	895,634,740	50	23	---	138	286,600	71,587,800
September	120	25	120	706	---	858,139,490	50	23	---	138	274,350	71,587,800
October	120	25	120	731	50	900,220,490	50	23	---	138	288,070	71,587,800
November	120	25	120	706	05	867,904,440	50	23	---	138	277,720	71,587,800
December	120	25	120	723	35	883,927,590	50	23	---	138	282,850	71,587,800
Total	120	25	120	8,642	20	10,621,773,110	50	23	---	138	3,397,610	71,587,800

BUREAU OF WATER.

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ENGINE RECORD.—Continued.

ENGINE NO. 9 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours	Min.			Ft.	In.	Total Head.	Lbs.		
January, 1908	120	25	120	722	50	894,361,520	50	23	---	138	1,430,970	286,190	71,587,800
February	120	25	120	670	25	833,624,610	50	23	---	138	1,333,790	266,750	71,587,800
March	120	25	120	730	10	914,064,060	50	23	---	138	1,462,500	292,500	71,587,800
April	120	25	120	683	20	828,952,540	50	23	---	138	1,326,320	265,260	71,587,800
May	120	25	120	737	15	908,183,510	50	23	---	138	1,453,090	290,610	71,587,800
June	120	25	120	717	40	895,418,940	50	23	---	138	1,432,670	286,530	71,587,800
July	120	25	120	712	---	903,263,270	50	23	---	138	1,445,220	289,040	71,587,800
August	120	25	120	724	45	877,906,770	50	23	---	138	1,404,650	280,980	71,587,800
September	120	25	120	578	---	693,538,040	50	23	---	138	1,109,660	221,930	71,587,800
October	120	25	120	674	40	834,131,740	50	23	---	138	1,334,610	266,920	71,587,800
November	120	25	120	716	45	897,317,980	50	23	---	138	1,435,700	287,140	71,587,800
December	120	25	120	728	20	911,075,230	50	23	---	138	1,457,720	291,540	71,587,800
Total	120	25	120	8,396	10	10,391,838,210	50	23	---	138	16,626,900	3,325,340	71,587,800

PUMP RECORD.

ELECTRIC PUMP NO 1 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	E. H. P.	W. H. P.	Efficiency. Per Cent.
	Hours.	Min.			Ft.	In.	Total Head.	Lbs.				
January, 1908	742	30	776,850,000	75	17	8	190.1	935.8	22,400	1,253.97	833.75	.665
February	695	45	728,640,000	75	19	---	191.6	955.7	22,931	1,280.63	814.14	.657
March	737	40	782,600,000	75	18	6	191	963.3	22,924	1,290.82	849.42	.658
April	719	---	765,810,000	75	17	2	189.7	960.8	23,027	1,287.47	846.97	.658
May	744	---	783,480,000	75	16	8	189.2	934.2	22,281	1,251.82	835.19	.667
June	716	45	760,110,000	75	16	6	189.1	939.3	22,450	1,258.66	840.64	.668
July	639	---	675,370,000	75	16	11	189.6	981.02	24,110	1,314.56	840.02	.639
August	733	40	784,950,000	75	17	3	189.8	966.56	22,564	1,295.19	863.00	.666
September	718	30	774,470,000	75	17	2	189.7	970.4	23,240	1,300.33	857.15	.659
October	741	---	800,650,000	75	17	3	189.8	975.2	23,404	1,306.76	859.67	.657
November	717	45	763,940,000	75	17	4	189.9	938.3	22,600	1,257.32	847.28	.674
December	736	15	777,240,000	75	17	7	193.3	955.4	22,691	1,280.23	855.05	.668
Total	8,641	50	9,174,110,000	75	17	5	190.2	956.33	22,885	1,281.48	845.19	.661

BUREAU OF WATER.

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PUMP RECORD.—Continued.

ELECTRIC PUMP NO 2 FROM JULY 1, 1907, TO JUNE 30, 1908.

Date	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	E. H. P.	W. H. P.	Efficiency. Per Cent.
	Hours.	Min.			Ft.	In.	Total Head.	Lbs.				
January, 1908	204	---	191,730,000	75	19	8	192	830.8	18,783	1,143.27	756.44	.662
February	693	30	661,440,000	75	20	2	192.7	845.8	20,229	1,133.37	770.44	.680
March	738	35	712,890,000	75	19	2	191.7	822.2	19,727	1,101.74	775.63	.704
April	703	40	680,260,000	75	18	2	190.7	813.9	19,098	1,090.62	773.94	.709
May	744	---	704,099,000	75	17	8	190.2	791.8	18,999	1,061.01	754.30	.710
June	707	50	682,020,000	75	17	5	190.1	795.4	18,768	1,065.83	767.82	.720
July, 1907	---	---	---	---	---	---	---	---	---	---	---	---
August	---	---	---	---	---	---	---	---	---	---	---	---
September	---	---	---	---	---	---	---	---	---	---	---	---
October	---	---	---	---	---	---	---	---	---	---	---	---
November	---	---	---	---	---	---	---	---	---	---	---	---
December	---	---	---	---	---	---	---	---	---	---	---	---
Total	3,791	35	3,632,439,000	75	18	8	191.1	816.6	19,267	1,099.30	766.43	.697

ENGINE RECORD.

PUMPAGE (STEAM POWER) FROM JULY 1, 1907, TO JUNE 30, 1908.

	Steam Pressure.	Vacuum, Lbs.	Temperature Feed Water.	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Coal.		Ashes.	Duty.
				Hours.	Min.			Ft.	In.	Total Head.	Lbs.		
No. 1	120	20	120	426	15	229,075,560	50	18	10	133.10	549,760	114,550	47,033,600
No. 2	120	20	120	5,019	30	3,292,214,200	50	18	9	133.9	7,901,280	1,593,000	46,288,500
No. 3	120	16	120	2,960	15	2,110,365,300	50	19	2	134.2	5,064,850	1,012,600	46,438,800
No. 4	120	25	120	8,173	45	5,262,331,680	50	24	3	139.3	12,629,550	2,531,010	48,183,500
No. 5	120	25	120	4,671	15	2,912,528,160	75	25	1	197.6	9,611,330	1,921,480	49,692,300
No. 6	120	25	120	2,977	---	1,929,963,900	75	25	10	198.4	6,066,590	1,212,700	49,613,300
No. 7	120	25	120	4,654	35	2,855,123,250	75	25	10	198.4	9,421,870	1,884,010	49,821,400
No. 8	120	25	120	8,642	20	10,621,773,110	50	23	---	138	16,994,810	3,397,610	71,587,800
No. 9	120	25	120	8,396	10	10,391,838,210	50	23	---	138	16,626,900	3,325,340	71,587,800
Total	---	---	---	45,921	05	39,605,213,370	---	---	---	---	84,866,940	16,992,300	---
										Tons		8,496,300	
										Tons		42,433,940	

PUMP RECORD.

PUMPAGE (ELECTRIC POWER) FROM JULY 1, 1907, TO JUNE 30, 1908.

	Time Run.		Water Pumped. Gallons.	Water Pressure.	Water Below Gauge.		Total Head.	Lbs. Kilowatt Hours.	Kilowatt Hours.	E. H. P.	W. H. P.	Efficiency. Per Cent.
	Hours.	Min.			Ft.	In.						
No. 1-----	8,641	50	9,174,110,000	75	17	5	190.2	956.33	22,885	1,281.43	845.19	.661
No. 2-----	3,791	35	3,632,439,000	75	18	8	191.1	816.66	19,267	1,099.30	766.43	.697
Total ----	12,433	25	12,806,549,000	---	---	---	---	---	---	1,190.39	805.81	.679

FUEL STATEMENT.

Coal on hand July 1, 1907.....	4,152 tons	
Coal received July 1, 1907, to June 30, 1908.....	45,911 "	1,100 lbs.
Total	50,063 "	1,100 "
Coal expended on engines.....	42,433 "	940 "
Coal expended for all other purposes.....	5,938 "	
Coal on hand July 1, 1908.....	1,692 "	160 "
Total	50,063 "	1,100 "
Cost of coal for the year 1907-1908.....		\$100,386.57
Registered Pumpage for the year 1907-1908 (Steam) 39,605,213,370 gals.		
Less 10 per cent. from Plunger and Valve Slippage 3,960,521,337 "		
Net	35,644,692,033 "	
Metered Pumpage for the year (Electric).....	12,806,549,000 "	
Total	48,451,241,033 "	
Registered Pumpage for the year 1906-1907 (Steam) 44,816,892,520 "		
Less 10 per cent. from Plunger and Valve Slippage 4,481,689,252 "		
Net	40,335,203,268 "	
Metered Pumpage for the year 1906-1907 (Electric) 7,887,860,000 "		
Total	48,223,063,268 "	
Registered Pumpage for the year 1905-1906 (Steam) 44,659,879,900 "		
Less 10 per cent. from Plunger and Valve Slippage 4,465,987,990 "		
Net	40,193,891,910 "	
Metered Pumpage for the year 1905-1906 (Electric) 7,810,386,930 "		
Total	48,004,278,840 "	
Increase 1907-1908 over 1906-1907.....	228,177,765 "	
Increase 1906-1907 over 1905-1906.....	218,784,428 "	
Greatest amount water pumped, February 9, 1908	197,672,720 "	
Least amount water pumped, April 20, 1908.....	119,553,700 "	
Greatest amount water pumped, February 12, 1907	188,092,060 "	
Least amount water pumped, July 8, 1906.....	119,825,750 "	
Coal used on engines.....	42,433 tons	940 lbs.
Ashes	8,496 "	300 "
Cost of coal for engines.....		\$93,693.60
Cost of power for Electric Pumps.....		53,981.86
Total		\$147,675.46

PURITY OF WATER.

Buffalo, March, 30, 1908.

Following is a report of Bacteriologist, showing condition of reservoir water:

March 27, 1908. East Basin. Bacteria per cubic centimeter.... 266
 March 27, 1908. West Basin. Bacteria per cubic centimeter.... 320

Water is in good condition for this time of year.

Buffalo, March 30, 1908.

Following is the report of City Chemist showing condition of reservoir water:

Laboratory No. 15,102.
 Source, Reservoir West Basin.
 Delivered by S. Ogden.
 Received March 27, 1908.
 For complete Sanitary Analysis.

The sample of water March 27, 1908, gives results as follows:

Odor at 100 deg. C.....	None
Reaction	Neutral
Color	Greenish
Taste	Agreeable

	Grains per gal.
Residue after ignition.....	7.60
Organic and volatile residue.....	3.30
Total residue, dried at 100 deg. C.....	10.90
Hardness, temporary	2.28
Hardness, permanent	4.43
Hardness, Total	6.71

	Parts per Million
Chlorin	11.00
Phosphates as P2O5.....	Trace
Oxygen absorbed in 15 minutes.....	0.244
Oxygen absorbed in 4 hours.....	0.56
Nitrogen as free ammonia.....	0.03
Nitrogen by alkaline permanganate.....	0.06
Nitrogen as nitrites.....	Trace
Nitrogen as nitrates.....	Present

Microscopical examination: Sand and algae. This water is in good condition for this time of year.

Respectfully submitted,

ERNEST WENDE, M. D.,

Health Commissioner.

VALVES.

Total number of valves in use previous to July 1, 1907-----	8,231
Total number set during the year July 1, 1907, to July 1, 1908	327
Total-----	<u>8,558</u>

The number of valves set during the year of different sizes is as follows:

4-inch -----	39
6-inch -----	268
12-inch -----	2
16-inch -----	7
20-inch -----	1
36-inch -----	10
Total-----	<u>327</u>

FIRE HYDRANTS.

Number of hydrants in use previous to July 1, 1907-----	4,891
Number of hydrants added during the year July 1, 1907, to July 1, 1908-----	75
	<u>4,966</u>
Number of hydrants abandoned from July 1, 1907, to July 1, 1908 -----	1
Total now in use-----	<u>4,965</u>

GENERAL PIPE STATISTICS
AND
DISTRIBUTION OF PIPE.

WEIGHTS OF CAST-IRON WATER PIPE.

Internal Diameter	Lengths Feet	Minimum in Lbs.	Standard in Lbs.	Maximum in Lbs.	Depths of Sockets in Inches.
3	12			150	
4	12	208	216	223	3
6	12	347	360	372	3½
8	12	463	480	497	3¾
10	12	618	640	662	3¾
12	12	830	860	890	4
16	12	1,222	1,260	1,298	4
20	12	1,746	1,800	1,854	4½
24	12	2,425	2,500	2,575	4¾
30	12	3,395	3,500	3,605	5
36	12	4,559	4,700	4,841	5½
48	12	8,148	8,400	8,652	5½

**COST OF LAYING WATER MAINS IN DIRT, ROCK, ASPHALT
AND STONE STREETS.**

4-inch in dirt street, cost per foot.....	\$.95
6-inch in dirt street, cost per foot.....	1.10
6-inch in asphalt street, cost per foot.....	1.85
6-inch in stone street, cost per foot.....	1.30
6-inch in rock (sewer trench), cost per foot.....	1.40
10-inch in dirt street, cost per foot.....	1.50
10-inch in stone street, cost per foot.....	1.60
10-inch in asphalt street, cost per foot.....	2.00
12-inch in dirt street, cost per foot.....	2.50
12-inch in stone street, cost per foot.....	2.70
12-inch in asphalt street, cost per foot.....	3.00
16-inch in dirt street, cost per foot.....	2.60
16-inch in stone street, cost per foot.....	3.00
16-inch in asphalt street, cost per foot.....	3.40
24-inch, cost per foot.....	7.00
36-inch, cost per foot.....	10.00
48-inch, cost per foot.....	18.00
48-inch, laid on hill, cost per foot.....	25.00

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.

A STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Fillmore ave.....	Mills st	6 in.	R	50	28	4½ ft.	7 ft. n. of s. curb.

ABBOTT ROAD.

Elk st.....	Smith st	10 in.	R	66	32	5 ft.	8½ ft. n. of s. curb.
Smith st.....	Buffalo Creek R. R....	16 in.	R	66	39	5 ft.	13 ft. n. of s. curb.
Buffalo Creek R. R....	Buffalo River.....	16 in.	R	66	32	5 ft.	10½ ft. n. of s. curb.
Buffalo River.....	South Park ave.....	16 in.	R	66	32	5 ft.	8 ft. n. of s. curb.
South Park ave.....	Potter's Cor. rd.....	16 in.	R	66	32	5 ft.	4 ft. s. of s. curb.
Potter's Cor. rd.....	Downing st.....	12 in.	R	66	28	5 ft.	4 ft. w. of w. curb.
Downing st.....	247 ft. southerly.....	6 in.	R	66	28	5 ft.	4 ft. w. of w. curb.
E. of Rutland st.....	Portland st. n. s.....	2 in.	R	66	32	5 ft.	6 ft. n. of n. curb.
Magnolia st.....	Tuscarora rd.....	6 in.	R	66	28	5 ft.	5 ft. e. of e. curb.

ABBY STREET.

Abbott road.....	Mystic st.....	16 in.	R	66	..	5½ ft.	25 ft. e. of w. line.
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ADA PLACE.

Lyth ave.....	500 ft. southerly.....	4 in.	H	42	16	4½ ft.	7½ ft. e. of w. curb.
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ADAMS STREET.

Eagle st.....	Clinton st.....	6 in.	R	50	26	5 ft.	8½ ft. e. of w. curb.
Clinton st.....	William st.....	6 in.	R	50	28	5 ft.	9 ft. e. of w. curb.
William st.....	Brown st.....	20 in.	R	50	28	5 ft.	9 ft. e. of w. curb.
Brown st.....	Genesee st.....	6 in.	R	50	..	5 ft.	6 ft. w. of e. curb.

ALABAMA STREET.

Seneca st.....	Carroll st.....	4 in.	R	66	30	5 ft.	3½ ft. e. of w. curb.
Former Hamburg Canal	Perry st.....	6 in.	R	66	30	5 ft.	6 ft. w. of e. curb.
Perry st.....	Fulton st.....	6 in.	R	66	36	5 ft.	8 ft. w. of e. curb.
Fulton st.....	Mackinaw st.....	6 in.	R	66	36	5 ft.	8 ft. e. of w. curb.
Mackinaw st.....	O'Connell	6 in.	R	66	30	5 ft.	18 ft. w. of e. curb.
O'Connell	Republic	6 in.	R	66	30	5 ft.	8 ft. w. of e. curb.
Erie R. R.....	South st.....	6 in.	R	66	..	5 ft.	21 ft. e. of w. line.

ALLEY BETWEEN PERRY AND SCOTT STREETS, WEST OF MICHIGAN

North of Perry st.....	160 ft. northerly.....	6 in.	R	30	30	4½ ft.	8½ ft. e. of w. line.
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ALAMO PLACE.

Triangle st.....	Abbott road.....	6 in.	R	50	26	5 ft.	6½ ft. w. of e. curb.
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ALDRICH PLACE.

South Park ave.....	South Side parkway....	4 in.	R	60	30	4½ ft.	N. s. 2 ft. n. of n. curb.
South Park ave.....	South Side parkway....	4 in.	R	60	30	4½ ft.	S. s. 2 ft. s. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATON, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

ALEXANDER PLACE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Ferry st.....	Lyth pl.....	6 in.	H	50	24	4½ ft.	8 ft. e. of w. curb.

ALSACE AVENUE.

South Side parkway.....	Abbott rd.....	6 in.	R	60	..	5 ft.	25 ft. e. of w. line.
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ALTRURIA STREET.

South Park ave.....	700 ft. westerly.....	6 in.	R	60	28	5 ft.	7 ft. n. of s. curb.
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ALWIN PLACE.

Durrenberger pl.....	300 ft. easterly.....	3 in.	H	50	..	4 ft.	20 ft. n. of s. line.
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AMBER STREET.

South Park ave.....	1,200 ft. westerly	6 in.	R	60	..	5 ft.	20½ ft. n. of s. line.
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ARCHER AVENUE.

Seneca st.....	End of st.....	6 in.	R	50	..	4½ ft.	20 ft. e. of w. line.
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BUREAU OF WATER.

655

ALLEGANY STREET.

Tift st.....838 ft. northerly..... 6 in. R 50 .. 5 ft. 18 ft. e. of w. line.

AMELIA STREET.

Abby st.....2nd Angle..... 6 in. R 60 .. 5 ft. 8 ft. s. of center.
2nd Angle.....3rd Angle..... 6 in. R 60 .. 5 ft. 8 ft. e. of center.
3rd Angle.....Germania st..... 6 in. R 60 .. 5 ft. 8 ft. s. of center.

ARMBRUSTER STREET.

BroadwayNew York C. R. R.... 6 in. H 50 .. 4½ ft. 31 ft. w. of e. line.

ARMIN PLACE.

Seneca st.....Buffalo River..... 6 in. R 60 .. 5 ft. 24 ft. e. of w. line.

ASH STREET.

BroadwaySycamore st..... 4 in. R 66 30 5 ft. 7½ ft. e. of w. curb.
Sycamore st.....Genesee st..... 4 in. R 66 30 5 ft. 12 ft. w. of e. curb.

ASHLEY STREET.

Young st.....Deshler st..... 6 in. R 60 30 5 ft. 7½ ft. n. of s. curb.

B STREET.

Fillmore ave.....Mills st..... 6 in. R 50 28 4½ ft. 5½ ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATON, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

BABCOCK STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
492 ft. s. of Elk st.	Elk st.	6 in.	R	66	..	5 ft.	5 ft. e. of 1st Hydt s. of Elk st.
Elk st.	Perry st.	10 in.	R	66	30	5 ft.	10 ft. e. of w. curb.
Perry st.	Seneca st.	10 in.	R	66	30	5 ft.	4½ ft. e. of w. curb.
Seneca st.	N. end of Ramp.	10 in.	R	66	42	5 ft.	7 ft. e. of w. curb.
Former McKinley st.	Dorothy	6 in.	R	106	30	5 ft.	3½ ft. e. of e. curb.
N. end of Ramp.	Clinton st.	10 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
Clinton st.	N. Y. L. E. & W. R. R.	12 in.	R	66	20	5½ ft.	4 ft. e. of w. curb.
N. Y. L. E. & W. R. R.	1,100 ft. s. of William st.	12 in.	R	66	36	5½ ft.	5 ft. e. of w. curb.
1,100 ft. s. of William st.	William st.	12 in.	R	66	36	5½ ft.	3 ft. w. of e. curb.

BAILEY AVENUE.

Seneca st.	N. Y. Lac. & W. R. R.	10 in.	R	66	40	5 ft.	15 ft. e. of w. curb.
N. Y. Lac. & W. R. R.	Clinton st.	10 in.	R	66	40	5 ft.	3½ ft. e. of w. curb.
Clinton st.	William st.	10 in.	R	66	40	5 ft.	12 ft. w. of e. curb.
William st.	Broadway	12 in.	R	66	40	5½ ft.	10 ft. w. of e. curb.
Broadway	Walden ave.	12 in.	H	66	40	5½ ft.	4 ft. w. of e. curb.
Walden ave.	Kerns ave.	12 in.	H	66	40	5½ ft.	11 ft. w. of e. curb.
Kerns ave.	Delavan ave.	12 in.	H	66	40	5½ ft.	3½ ft. w. of e. curb.
Delavan ave.	Winspear ave.	16 in.	H	66	40	5½ ft.	10½ ft. e. of w. curb.

BAITZ AVENUE.

McKinley st.	Clinton st.	6 in.	R	50	..	4½ ft.	18 ft. e. of w. line.
Clinton st.	N. Y. L. E. & W. R. R.	6 in.	R	50	28	4½ ft.	4½ ft. e. of w. curb.

BUREAU OF WATER.

657

BALCOM STREET.

Main st.....Masten 4 in. H 40 24 4½ ft. 2 ft. s. of n. curb.

BARDOL STREET.

East Parade ave.....Spiess st..... 6 in. H 50 26 5 ft. 4½ ft. n. of s. curb.

BARNARD STREET.

Buffalo River.....Clinton st..... 6 in. R 50 .. 4½ ft. 17½ ft. e. of w. line.
Clinton st.....Griswold 6 in. R 50 .. 4½ ft. 17 ft. e. of w. line.

BARTHEL STREET.

Walden ave.....Genesee st..... 6 in. H 66 30 5 ft. 1½ ft. e. of w. curb.
Fougeron st.....Urban st..... 6 in. H 66 .. 5 ft. 17 ft. e. of w. line.

BAYARD STREET.

Lester st.....Hayes pl..... 6 in. R 50 .. 5 ft. 22 ft. n. of s. line.

BEACON STREET.

GermaniaHopkins 6 in. R 60 .. 5 ft. 8 ft. s. of center.

BECK STREET.

BroadwayEnd of street..... 6 in. R 46 26 5 ft. 6½ ft. e. of w. curb.

BECKWITH STREET.

Sycamore st.....Adams st..... 6 in. R 50 .. 5 ft. 20 ft. n. of s. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

BEECH STREET.									
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.		
Virginia st.....	Carlton st.....	6 in.	H	66	28	5 ft.	4½ ft. e. of w. curb.		
BENDER PLACE.									
Clinton st.....	Southerly	4 in.	R	34	..	4½ ft.	15 ft. e. of w. line.		
BENNETT STREET.									
William st.....	Broadway	4 in.	R	66	34	5 ft.	10 ft. w. of e. curb.		
BENZINGER STREET.									
William st.....	Ludington st.....	6 in.	R	66	30	5 ft.	9½ ft. e. of w. curb.		
Ludington st.....	Lovejoy st.....	6 in.	R	66	30	5 ft.	8 ft. w. of e. curb.		
Lovejoy st.....	King st.....	6 in.	R	66	30	5 ft.	8½ ft. e. of w. curb.		
BERLIN STREET.									
High st.....	Best st.....	6 in.	H	66	30	4½ ft.	11 ft. e. of w. curb.		
Dodge st.....	Northampton st.....	6 in.	H	66	30	4½ ft.	6 ft. e. of w. curb.		
BERTHA STREET.									
Abbott road.....	Buffalo Creek.....	1½ in.	R	11-20	..	4 ft.	(Private) 18 ft. e. of w. line.		

BUREAU OF WATER.

659

BEST STREET.

Main st.....	Masten st.....	6 in.	H	66	30	4½ ft.	8 ft. s. of n. curb.
Masten st.....	Peach st.....	10 in.	H	66	30	5 ft.	4 ft. s. of s. curb.
Peach st.....	Fox st.....	10 in.	H	66	30	5 ft.	24 ft. s. of n. curb.
Fox st.....	Genesee st.....	8 in.	H	66	30	5 ft.	24 ft. s. of n. curb.
Elm st.....	Masten st.....	36 in.	R	66	30	6 ft.	22 ft. s. of n. curb.
Masten st.....	Jefferson st.....	36 in.	R	66	30	6 ft.	4 ft. n. of n. curb.
Jefferson st.....	Durrenberger pl.....	36 in.	R	66	30	6 ft.	1 ft. s. of n. curb.
Grape st.....	Jefferson st.....	4 in.	H	66	30	4½ ft.	4 ft. s. of s. curb.

BISSELL AVENUE.

Walden ave.....	Genesee st.....	6 in.	H	60	30	5 ft.	6 ft. e. of w. curb.
Genesee st.....	Ferry st.....	6 in.	H	50	28	5 ft.	9½ ft. e. of w. curb.

BLAINE STREET.

Delavan ave.....	215 ft. northerly.....	6 in.	H	60	..	4½ ft.	28 ft. e. of w. line.
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BLOOMFIELD STREET.

South Park ave.....	South Side parkway....	6 in.	R	60	..	4½ ft.	8 ft. s. of center of street.
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BLOSSOM ALLEY.

Broadway	Hersee Alley.....	4 in.	R	26	26	4½ ft.	12½ ft. e. of w. line.
Hersee Alley.....	Huron st.....	4 in.	R	20	20	4½ ft.	12½ ft. e. of w. line.

BOGARDUS STREET.

Bailey ave.....	Greene st.....	6 in.	R	60	..	5 ft.	20 ft. n. of s. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

BOLTON PLACE.			Depth of Main.	Location.
From	To	Size. System.		
Abbott road.....	St. Stephens pl.....	6 in. R	24 5 ft.	5 ft. e. of w. curb.
BOND STREET.				
Clinton st.....	Howard st.....	4 in. R	26 4½ ft.	4½ ft. w. of e. curb.
BOONE STREET.				
Pembina st.....	225 ft. northerly.....	6 in. R	54 • 5 ft.	17 ft. e. of w. line.
BOX AVENUE.				
Fillmore ave.....	Kehr st.....	6 in. H	60 32 4½ ft.	6½ ft. n. of s. curb.
Kehr st.....	Moselle st.....	6 in. H	60 32 4½ ft.	10 ft. n. of s. curb.
BREWSTER STREET.				
Halbert st.....	565 ft. easterly.....	6 in. H	40 • 4½ ft.	in sewer trench.
BRIGHTON AVENUE.				
Broadway	West Shore R. R.....	3 in. & 4 in. R	50 30 5 ft.	11 ft. e. of w. curb.
BRINKMAN STREET.				
West Shore ave.....	Walden ave.....	6 in. H	60 27 4½ ft.	5½ ft. e. of w. curb.
Walden ave.....	Doat st.....	6 in. H	60 30 4½ ft.	7 ft. e. of w. curb.

BRISCOE AVENUE.

Walden ave.....	Doat st.....	6 in.	H	60	..	5 ft.	22 ft. e. of w. line.
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BRISTOL STREET.

Spring st.....	Jefferson st.....	6 in.	R	66	28	5 ft.	12 ft. n. of s. curb.
Emslie st.....	Lord st.....	4 in.	R	66	30	5 ft.	8 ft. n. of s. curb.
Smith st.....	Clare st.....	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.

BROADWAY.

Main st.....	Washington st.....	12 in.	R	64	37	5 ft.	10 ft. n. of s. curb.
Washington st.....	Angle of st.....	6 in.	R	..	..	5 ft.	6 ft. s. of n. curb.
Angle of st.....	Ellicott st.....	6 in.	R	..	..	5 ft.	18 ft. s. of n. curb.
Ellicott st.....	Pratt st.....	16 in.	R	99	60	5½ ft.	29 ft. n. of s. curb.
Pratt st.....	Spring st.....	36 in.	R	99	60	6 ft.	15 ft. n. of s. curb.
Pratt st.....	Herman st.....	10 in.	R	99	60	5 ft.	30 ft. n. of s. curb.
Herman st.....	Fillmore ave.....	10 in.	R	99	42	5 ft.	13 ft. s. of n. curb.
Sherman st.....	95 ft. E. of Shumway st.	4 in.	R	99	60	4 ft.	13 ft. s. of s. curb.
Fillmore ave.....	Bailey ave.....	16 in.	R	99	42	5½ ft.	12½ ft. s. of n. curb.
Lathrop st.....	Curtiss st.....	36 in.	R	99	42	6 ft.	9 ft. n. of s. curb.
Deshler st.....	Armbruster st.....	6 in.	H	99	42	5 ft.	3½ ft. s. of s. curb.
Armbruster st.....	Bailey ave.....	6 in.	H	99	42	5 ft.	4 ft. n. of s. curb.
Bailey ave.....	N. Y. Central R. R.....	12 in.	R	99	42	5 ft.	7 ft. s. of n. curb.
N. Y. Central R. R.....	Davey st.....	12 in.	R	99	42	5 ft.	5 ft. s. of s. curb.
Davey st.....	North Ogden st.....	12 in.	R	99	42	5 ft.	12 ft. s. of s. curb.
N. Ogden st.....	City Line.....	6 in.	R	99	42	5 ft.	17 ft. s. of s. curb.

BROOKLYN AVENUE.

East Utica st.....	Glenwood ave.....	6 in.	H	50	24	4½ ft.	5½ ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

BROWN STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Jefferson st.	Adams st.	20 in.	R	50	28	5½ ft.	8½ ft. n. of s. curb.

BROWNELL STREET.

Broadway	Amity st.	6 in.	R	54	..	4½ ft.	17 ft. e. of w. line.
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BUELL STREET.

Humboldt parkway	N. Y. C. R. R.	6 in.	H	50	..	4½ ft.	17 ft. n. of s. line.
Fillmore ave.	Westerly	½ in.	H	50	..	4½ ft.	Private pipe.

BUFFALO STREET.

Abbott road.	Triangle pl.	6 in.	R	30	..	4½ ft.	23 ft. e. of w. line.
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BUFFUM STREET.

Seneca st.	Fields ave.	6 in.	R	66	..	5½ ft.	16½ ft. e. of w. line.
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BURGARD PLACE.

Walden ave.	Rohe st.	6 in.	H	60	26	4½ ft.	6 ft. e. of w. curb.
Rohe st.	Doat st.	6 in.	H	50	..	4½ ft.	19 ft. e. of w. line.
Doat st.	500 ft. northerly.	6 in.	H	50	..	4½ ft.	8 ft. w. of center of street.

BUREAU OF WATER.

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BURRELL STREET.

Curtiss st.....	Lovejoy st.....	6 in.	R	50	..	4½ ft.	18½ ft. e. of w. line.
Lovejoy st.....	336 ft. northerly.....	6 in.	R	50	..	4½ ft.	18½ ft. e. of w. line.

BURTON STREET.

Washington st.....	Ellicott st.....	6 in.	H	30	16	4½ ft.	6½ ft. s. of n. curb.
Ellicott st.....	Oak st.....	4 in.	H	30	16	4½ ft.	5½ ft. s. of n. curb.
Oak st.....	Diamond pl.....	4 in.	H	30	16	4½ ft.	4 ft. n. of s. curb.
Ralph Alley.....	Michigan st.....	4 in.	H	30	16	4½ ft.	4 ft. s. of n. curb.

BURWELL PLACE.

Perry st.....	Scott st.....	4 in.	R	66	30	4½ ft.	6½ ft. e. of w. curb.
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BUSHNELL STREET.

Clinton st.....	560 ft. southerly.....	6 in.	R	50	..	4½ ft.	17 ft. e. of w. line.
Clinton st.....	500 ft. northerly.....	6 in.	R	50	..	4½ ft.	17 ft. e. of w. line.

C STREET.

Fillmore ave.....	Mills st.....	6 in.	R	50	28	5 ft.	4½ ft. s. of n. curb.
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CABLE STREET.

Buffalo River.....	Casimir st.....	6 in.	R	50	..	5 ft.	22 ft. e. of w. line.
Casimer st.....	Clinton st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
Clinton st.....	Griswold st.....	6 in.	R	50	..	5 ft.	19 ft. e. of w. line.

CAMBRIDGE AVENUE.

East Delavan ave.....	Sussex st.....	6 in.	R	66	..	5 ft.	17 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

CAMP STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Sycamore st.....	Genesee st.....	6 in.	R	50	26	3½ ft.	7 ft. e. of w. curb.

CANTON STREET.

Dewey st.....	200 ft. southerly.....	6 in.	H	..	..	5 ft.	In sewer trench.
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CARL STREET.

East Ferry st.....	Scajaquada Creek.....	6 in.	H	66	..	4½ ft.	17 ft. e. of w. line.
Scajaquada Creek.....	East Delavan ave.....	6 in.	H	66	..	4½ ft.	In sewer trench in center of street.

CARLTON STREET.

Main st.....	Ellicott st.....	6 in.	H	66	30	4½ ft.	1½ ft. s. of n. curb.
Ellicott st.....	Elm st.....	6 in.	H	66	30	4½ ft.	3 ft. s. of n. curb.
Elm st.....	Mulberry st.....	6 in.	H	66	30	4½ ft.	5 ft. s. of n. curb.
Mulberry st.....	Genesee st.....	6 in.	H	66	30	4½ ft.	7½ ft. s. of n. curb.

CARLYLE AVENUE.

Abbott road.....	City Line.....	6 in.	R	60	..	5 ft.	8 ft. s. of center of street.
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BUREAU OF WATER.

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CARROLL STREET.

Washington st.....	Michigan st.....	6 in.	R	50	30	5 ft.	8½ ft. s. of n. curb.
Michigan st.....	Louisiana st.....	4 in. & 6 in.	R	50	30	5 ft.	6½ ft. s. of n. curb.
Louisiana st.....	Alabama st.....	4 in.	R	50	46-48	5 ft.	21 ft. s. of n. curb.
Jefferson st.....	Larkin st.....	4 in.	R	50	26	5 ft.	6 ft. n. of s. curb.
Jefferson st.....	Larkin st.....	12 in.	R	50	26	5 ft.	18 ft. n. of s. curb.
Larkin st.....	Reservation line.....	4 in.	R	50	26	5 ft.	9 ft. s. of n. curb.

CASSY STREET.

William st.....	370 ft. southerly.....	6 in.	R	40	..	4½ ft.	8 ft. w. of center of street.
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CASIMIR STREET.

Gorski st.....	Weiss st.....	6 in.	R	50	..	4½ ft.	21 ft. n. of s. line.
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CAYUGA STREET.

Jefferson st.....	Grey st.....	6 in.	H	50	26	4½ ft.	4½ ft. s. of n. curb.
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CAZENOVIA STREET.

Seneca st.....	Abbott road.....	12 in.	R	66	30	5 ft.	5 ft. e. of w. curb.
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CEDAR STREET.

Swan st.....	Broadway	6 in.	R	66	28	5 ft.	9 ft. e. of w. curb.
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CELTIC PLACE.

East Utica st.....	Glenwood ave.....	6 in.	H	60	28	4½ ft.	6 ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

CENTER STREET.						
From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Seneca st.....	Swan st.....	4 in.	R	33 20	5 ft.	6 ft. w. of e. curb.
CENTRAL AVENUE.						
William st.....	Lovejoy st.....	6 in.	R	50 28	5 ft.	7½ ft. w. of e. curb.
Lovejoy st.....	600 ft. northerly.....	6 in.	R	50 ..	5 ft.	18 ft. w. of e. line.
CHARLOTTE STREET.						
Fillmore ave.....	Hill st.....	6 in.	H	60 30	4½ ft.	17 ft. n. of s. curb.
CHELSEA PLACE.						
Northland ave.....	East Delavan ave.....	6 in.	H	50 ..	4½ ft.	E. side in sewer trench.
Northland ave.....	East Delavan ave.....	6 in.	H	50 ..	4½ ft.	W. side in sewer trench.
CHERRY STREET.						
Michigan st.....	Virginia st.....	20 in.	R	66 32	5½ ft.	9 ft. n. of s. curb.
CHESTER STREET.						
Glenwood ave.....	East Ferry st.....	6 in.	H	42 24	4½ ft.	4 ft. e. of w. curb.
East Ferry st.....	Northland ave.....	6 in.	H	42 24	4½ ft.	3 ft. e. of w. curb.

CHESTNUT STREET.

Swan st.....	N. Division st.....	6 in.	R	66	36	4½ ft.	8½ ft. e. of w. curb.
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CHICAGO STREET.

Ohio st.....	Carroll st.....	16 in.	R	66	42	5½ ft.	7 ft. w. of e. curb.
Carroll st.....	Seneca st.....	16 in.	R	128	30	5½ ft.	20 ft. w. of e. curb.
Seneca st.....	Swan st.....	16 in.	R	66	42	5½ ft.	19 ft. e. of w. curb.
Ohio st.....	164 ft. n. of Perry st..	6 in.	R	66	42	5 ft.	12½ ft. e. of w. curb.
164 ft. n. of Perry st..	Scott st.....	10 in.	R	66	42	5 ft.	30 ft. e. of w. curb.
Carroll st.....	Seneca st.....	4 in.	R	128	30	4½ ft.	4 ft. w. of w.
Seneca st.....	50 ft. n. of fire reservoir.	6 in.	R	66	42	4½ ft.	Ramps 15 ft. w. of e. curb.

CHIPPEWA STREET.

Main st.....	Ellicott st.....	10 in.	R	66	42	5 ft.	14 ft. n. of s. curb.
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CHILDS STREET.

Hamburg Turnpike	860 ft. easterly.....	12 in.	R	33	..	5½ ft.	14 ft. n. of Hydt.
860 ft. easterly.....	320 ft. easterly.....	12 in.	R	33	..	5½ ft.	8 ft. n. of Hydt.

CHOATE AVENUE.

South Park ave.....	Woodside circle.....	6 in.	R	60	..	5 ft.	22 ft. n. of s. line.
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CLARE STREET.

James st.....	Clinton st.....	6 in.	R	50	28	4½ ft.	5 ft. e. of w. curb.
Clinton st.....	Bristol st.....	6 in.	R	50	28	4½ ft.	5½ ft. e. of w. curb.
Bristol st.....	Olga pl.....	6 in.	R	50	28	5½ ft.	7 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

CLARK STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
William st.	Curtiss st.	6 in.	R	36	18-26	4½ ft.	3 ft. w. of e. curb.
Curtiss st.	Peckham st.	6 in.	R	45	26	4½ ft.	7½ ft. e. of w. curb.
Peckham st.	Broadway	6 in.	R	45	26	4½ ft.	6 ft. e. of w. curb.

CLEMO STREET.

Clinton st.	Fleming st.	6 in.	R	50	..	5 ft.	16 ft. e. of w. line.
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CLIFF STREET.

Clinton st.	400 ft. northerly.	6 in.	R	60	..	4½ ft.	22 ft. e. of w. line.
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CLIFFORD STREET.

Smith st.	Selkirk st.	6 in.	R	60	28	5 ft.	11½ ft. s. of n. curb.
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CLINTON STREET.

Main st.	Washington st.	36 in.	R	66	42	6½ ft.	Through Lafayette Park.
Washington st.	Madison st.	36 in.	R	66	42	6½ ft.	14 ft. s. of n. curb.
Washington st.	Union st.	6 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
Union st.	Emalie st.	10 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
Emalie st.	60 ft. e. of Bond st.	6 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
60 ft. e. of Bond st.	125 ft. e. of Lord st.	6 in.	R	66	36	5 ft.	8 ft. n. of s. curb.

CLINTON STREET.—Continued.

125 ft. e. of Lord st.....	Smith st.....	6 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
Smith st.....	Fillmore ave.....	6 in.	R	66	42	5 ft.	2 ft. n. of s. curb.
Fillmore ave.....	Clemon st.....	16 in.	R	66	42	5½ ft.	3 ft. n. of s. curb.
Clemon st.....	Babcock st.....	16 in.	R	66	42	5½ ft.	3 ft. s. of s. curb.
Babcock st.....	South Ogden st.....	16 in.	R	66	42	5½ ft.	9½ ft. n. of s. curb.
South Ogden st.....	City Line.....	6 in.	R	66	42	5½ ft.	9½ ft. n. of s. curb.

CLYDE STREET.

Kensington ave.....	100 ft. n. of Hutchinson.	6 in.	H	60	..	4½ ft.	Center of street.
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COE PLACE.

Main st.....	100 ft. easterly.....	¾ in.	H	30	15	4 ft.	Private.
Ellicott st.....	390 ft. westerly.....	3 in.	H	30	15	4 ft.	6 ft. n. of s. curb.

CLIO AVENUE.

South Side parkway.....	Abbott road.....	6 in.	R	50	..	4½ ft.	34 ft. w. of e. line.
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COCHRANE STREET.

Clinton st.....	Griswold st.....	6 in.	R	50	..	5 ft.	In sewer trench, bet. curb, and w. walk.
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COIT STREET.

Howard st.....	Peckham st.....	6 in.	R	50	28	4½ ft.	9 ft. e. of w. curb.
Peckham st.....	Lovejoy st.....	6 in.	R	50	28	4½ ft.	7½ ft. e. of w. curb.
Lovejoy st.....	Broadway	6 in.	R	50	28	4½ ft.	5½ ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM—EAST SIDE.—*Continued.*

COLFAX AVENUE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Griider st.....	Wyoming ave.....	6 in.	H	60	..	4½ ft.	Sewer trench center of street.

COLORADO STREET.

Genesee st.....	450 ft. northerly.....	¾ in.	H	50	..	4½ ft.	Private.
Genesee st.....	E. Ferry st.....	6 in.	H	50	..	5 ft.	8 ft. w. of center of street.

COLUMBIA STREET.

Buffalo River.....	Ohio st.....	16 in.	R	50	..	4½ ft.	4 ft. w. of e. line.
Elk st.....	Perry st.....	6 in.	R	50	..	4½ ft.	14 ft. w. of e. line.
Perry st.....	210 ft. northerly..	10 in.	R	50	..	4½ ft.	17 ft. e. of w. line.
210 ft. northerly.....	Scott st.....	10 in.	R	50	..	4½ ft.	17 ft. w. of e. line.
Columbia st.....	South Michigan st.....	16 in.	R	..	..	..	Under Buffalo River.

COLUMBUS PLACE.

South Park ave.....	250 ft. easterly.....	6 in.	R	50	..	4½ ft.	20 ft. n. of s. line.
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COMO AVENUE.

South Park ave.....	South Side parkway...	6 in.	R	66	28	5 ft.	6 ft. n. of s. curb.
South Side parkway.....	Abbott road.....	6 in.	R	50	not paved	5 ft.	20 ft. w. of e. line.

CONCORD STREET.

Curtiss st.....West Shore R. R.....	6 in.	R	50	26	4½ ft.	5 ft. n. of s. curb.
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CORONADO STREET.

Triangle st.....350 ft. westerly.....	6 in.	R	50	..	5 ft.	16 ft. n. of s. line.
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CORNELIA STREET.

Smith st.....South Division st.....	6 in.	R	40	..	4½ ft.	18 ft. e. of w. line.
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CORNWALL AVENUE.

East Ferry st.....213 ft. northerly.....	6 in.	H	66	..	4½ ft.	In sewer trench.
East Delavan ave.....Sussex ave.....	6 in.	H	66	..	4½ ft.	17 ft. e. of w. line.
Sussex ave.....Warwick ave.....	6 in.	H	66	..	4½ ft.	Center of street.

COURTLAND STREET.

East Delavan ave.....1,600 ft. northerly.....	6 in.	H	50	..	4½ ft.	17 ft. e. of w. line.
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CRYSTAL AVENUE.

South Park ave.....250 ft. westerly.....	6 in.	R	60	..	6 ft.	20 ft. n. of s. line.
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CUMBERLAND STREET.

Stevenson ave.....Mumford	6 in	R	60	..	5 ft.	22 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

CURTISS STREET.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
William st.	Lovejoy st.	6 in.	R	66	5 ft.	8½ ft. s. of n. curb
Lovejoy st.	170 ft. s. of Broadway.	6 in.	R	66	4½ ft.	6½ ft. e. of w. curb.
Margaret st.	Lovejoy st.	36 in.	R	66	6 ft.	8½ ft. s. of s. curb.
Lovejoy	Dover	36 in.	R	66	6 ft.	8 ft. e. of e. curb.
Dover	Broadway	36 in.	R	66	6 ft.	See roll map.

CYPRESS STREET.

Michigan st.	Pine st.	6 in.	R	60	4½ ft.	10 ft. s. of n. curb.
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DAISY PLACE.

Florida st.	East Delavan ave.	6 in.	H	50	5 ft.	17 ft. e. of w. line.
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DASH STREET.

Macamley st.	Remoleno st.	6 in.	R	50	5 ft.	6½ ft. e. of w. curb.
Remoleno st.	Abbott road.	6 in.	R	50	5 ft.	7½ ft. e. of w. curb.

DAVEY STREET.

William st.	Broadway	6 in.	R	66	4½ ft.	6½ ft. e. of w. curb.
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DAVIS STREET.

Jefferson st.	165 ft. w. of Jefferson st.	4 in.	R	50	6 ft.	9½ ft. n. of s. curb.
165 ft. w. of Jefferson st.	Genesee st.	4 in.	R	50	6 ft.	7 ft. e. of w. curb.

EAST DELAVAN AVENUE.

Scajaquada Creek.....	Jefferson st.....	6 in.	H	66	40	4½ ft.	13½ ft. n. of s. curb.
Jefferson st.....	Pleasant pl.....	6 in.	H	66	40	5 ft.	14½ ft. n. of s. curb.
Pleasant pl.....	Humboldt parkway.....	6 in.	H	66	40	5 ft.	15 ft. n. of s. curb.
Humboldt parkway.....	N. Y. Central R. R.....	6 in.	H	66	40	5 ft.	8½ ft. n. of s. curb.
New York Central R.R. Fillmore ave.....		6 in.	H	66	40	5 ft.	11 ft. n. of s. curb.
Fillmore ave.....	Grider st.....	6 in.	H	66	40	5 ft.	19 ft. n. of s. curb.
Grider st.....	Wyoming ave.....	6 in.	H	66	40	5 ft.	20 ft. n. of s. curb.
Wyoming ave.....	Cambridge ave.....	16 in.	H	66	40	5½ ft.	18 ft. n. of s. curb.
Cambridge ave.....	Weber ave.....	16 in.	H	66	40	5½ ft.	11 ft. n. of s. curb.
Weber ave.....	Humason ave.....	16 in.	H	66	40	5½ ft.	9 ft. n. of s. curb.
Humason ave.....	City Line.....	6 in.	H	66	40	5 ft.	11 ft. n. of s. curb.
City Line.....	Ridge Road.....	6 in.	H	66	..	5 ft.	8 ft. s. of n. line.

DEMOND PLACE.

Tupper st.....	Goodell st.....	4 in.	R	24	14	4½ ft.	2 ft. e. of w. curb.
Goodell st.....	Virginia st.....	4 in.	H	24	14	4½ ft.	3 ft. e. of w. curb.

DEMPSTER STREET.

Bailey ave.....	Green st.....	6 in.	R	50	..	5 ft.	31 ft. s. of n. line.
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DEPOT STREET.

William st.....	Angle of st.....	6 in.	R	50	26	4½ ft.	7 ft. w. of e. curb.
Angle of st.....	Howard st.....	6 in.	R	50	26	4½ ft.	4 ft. e. of e. curb.

DEERFIELD AVENUE.

Delavan ave.....	Litchfield ave.....	6 in.	H	70	..	5 ft.	33 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

From To		Size.	Street System.	Paving Width.	Depth of Main.	Location.
DESHLER STREET.						
Broadway	N. Y. Central R. R.	6 in.	H	55	5 ft.	37 ft. w. of e. line.
DETROIT STREET.						
Howard st.	William st.	6 in.	R	55	5 ft.	20 ft. e. of w. line.
William st.	Broadway	6 in.	R	55	5 ft.	9 ft. e. of w. curb.
DEWEY AVENUE.						
Main st.	N. Y. C. R. R.	6 in.	H	70	5 ft.	15½ ft. n. of s. curb.
New York C. R. R.	Fillmore ave.	6 in.	H	70	5 ft.	15 ft. n. of s. curb.
Fillmore ave.	1,100 ft. easterly.	6 in.	H	70	5 ft.	Center of street.
DEXTER PLACE.						
Jefferson st.	Dupont st.	6 in.	H	30	5 ft.	22 ft. s. of n. line.
DINGENS STREET.						
Bailey ave.	New South Ogden st.	10 in.	R	66	5 ft.	25 ft. n. of s. line.
DOAT STREET.						
Genesee st.	Keystone st.	16 in.	H	66	5 ft.	8 ft. n. of s. curb.
Keystone st.	Stewart ave.	16 in.	H	66	5 ft.	7 ft. n. of s. curb.
Stewart ave.	Petrie ave.	12 in.	H	66	5 ft.	7 ft. n. of s. curb.

DODGE STREET.

Main st.....	400 ft. easterly.....	6 in.	H	60	28	4½ ft.	26 ft. n. of s. curb.
400 ft. easterly.....	Ellicott st.....	6 in.	H	60	28	4½ ft.	9 ft. n. of s. curb.
Ellicott st.....	Michigan st.....	6 in.	H	60	28	4½ ft.	6 ft. n. of s. curb.
Michigan st.....	Masten st.....	6 in.	H	60	28	4½ ft.	7 ft. n. of s. curb.
Masten st.....	Jefferson st.....	6 in.	H	60	28	6 ft.	22½ ft. n. of s. curb.
Jefferson st.....	400 ft. e. of Wohlers ave.	6 in.	H	60	30	6 ft.	8½ ft. n. of s. curb.
400 ft. e. of Wohlers ave.....	West Parade ave.....	6 in.	H	60	30	6 ft.	2 ft. n. of s. curb.
Jefferson st.....	Reservoir Inlet.....	36 in.	R	60	28	6 ft.	7 ft. n. of s. curb.

DOLE STREET.

Seneca st.....	Elk st.....	10 in	R	49½	..	5 ft.	17 ft. e. of w. line.
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DOMEDION STREET.

Genesee st.....	1,036 ft. southerly.....	6 in.	H	60	..	5 ft.	25 ft. e. of w. line.
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DOWNING STREET.

Abbott road.....	South Park ave.....	12 in.	R	66	..	5½ ft.	25 ft. n. of s. line.
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DUERSTEIN STREET.

Seneca st.....	City Line.....	6 in.	R	50	28	5 ft.	6½ ft. e. of w. curb.
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DUPONT STREET.

Utica st.....	East Ferry st.....	6 in.	H	50	28	5 ft.	6½ ft. e. of w. curb.
East Ferry st.....	625 ft. northerly.....	6 in.	H	50	..	5 ft.	17 ft. e. of w. line.

DURRENBERGER PLACE.

High st.....	Best st.....	4 in.	H	60	28	5 ft.	4½ ft. w. of w. curb.
East North st.....	Best st.....	36 in.	R	60	28	5 ft.	4 ft. w. of e. curb

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

DUTTON STREET.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Northland ave.....	East Delavan ave.....	6 in.	H	50	..	5 ft.	In sewer trench, west sidewalk.

DYER STREET.

Abbott road.....	End of st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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EAGLE STREET.

Main st.....	Michigan st.....	10 in.	R	66	42	5 ft.	14½ ft. s. of n. curb.
Michigan st.....	Pine st.....	10 in.	R	66	42	6 ft.	11 ft. s. of n. curb.
Pine st.....	Cedar st.....	6 in.	R	66	32	6 ft.	11 ft. s. of n. curb.
Cedar st.....	Jefferson st.....	6 in.	R	66	32	6 ft.	9 ft. s. of n. curb.
Jefferson st.....	Bond st.....	6 in.	R	66	32	6 ft.	9 ft. s. of n. curb.
Bond st.....	Fillmore ave.....	6 in.	R	66	36	6 ft.	9 ft. s. of n. curb.

EARL PLACE.

High st.....	Best st.....	6 in.	H	33	20	5 ft.	3 ft. w. of e. curb.
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EAST BENNETT STREET.

William st.....	Clinton st.....	4 in.	R	60	48	4½ ft.	12 ft. w. of e. curb.
William st.....	Clinton st.....	2 in.	R	60	48	4 ft.	13½ ft. w. of e. curb.

EAST MARKET STREET.

180 ft. s. of Fulton st.....	4 in.	R	50	40	4½ ft.	11 ft. w. of e. curb.
Fulton st.....	6 in.	R	50	40	4½ ft.	11 ft. w. of e. curb.
Perry st.....	4 in.	R	50	40	4½ ft.	11 ft. w. of e. curb.

EAST PARADE AVENUE.

E. Parade Circle.....	10 in.	H	99	30	5 ft.	8 ft. e. of e. curb.
North Parade ave.....	10 in.	H	40	23	5 ft.	6 ft. w. of e. curb.
Northampton st.....	6 in.	H	28	18	5 ft.	3 ft. w. of e. curb.

EAST PARADE CIRCLE.

Walden ave.....	10 in.	H	99	32	5 ft.	15 ft. e. of e. curb.
Genesee st.....	10 in.	H	99	30	5 ft.	15 ft. e. of e. curb.

EASTWOOD PLACE.

Main st.....	6 in.	H	50	24	5 ft.	3 ft. s. of s. curb.
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EATON STREET.

Michigan st.....	6 in.	H	60	30	5 ft.	6½ ft. s. of n. curb.
Masten st.....	6 in.	H	60	30	5 ft.	6 ft. n. of s. curb.

EDGEWOOD AVENUE.

Abbott road.....	6 in.	R	60	..	5 ft.	22 ft. e. of w. line.
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EDISON AVENUE.

Delavan ave.....	1,550 ft. northerly.....	6 in.	H	60	..	5 ft.	22 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

EDNA PLACE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Ellicott st.	Michigan st.	6 in.	H	60	28	5 ft.	2 ft. n. of s. curb.
Michigan st.	Masten st.	6 in.	H	60	28	5 ft.	3½ ft. n. of s. curb.
Michigan st.	Masten st.	24 in.	Drain pipe			5 ft.	5 ft. n. of n. curb.

EDSON STREET.

Seneca st.	City Line.	4 in.	R	50	28	5 ft.	5½ ft. e. of w. curb.
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• EDWIN PLACE.

Tupper st.	Goodell st.	4 in.	R	20	14	5 ft.	4 ft. c. of w. curb.
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ELK STREET.

Ohio st.	Mississippi st.	4 in.	R	66	42	5 ft.	26 ft. s. of n. curb.
Columbia st.	Michigan st.	6 in.	R	66	42	5 ft.	15 ft. n. of s. curb.
Michigan st.	Louisiana st.	10 in.	R	66	42	5 ft.	15 ft. n. of s. curb.
Louisiana st.	Smith st.	10 in.	R	66	42	5 ft.	11½ ft. n. of s. curb.
Smith st.	Seneca st.	10 in.	R	66	42	5 ft.	14 ft. n. of s. curb.

Grade crossing 4 in. main through private property n. of Elk st. and e. of Red Jacket st.

ELLER AVENUE.

Genesee st.	232 ft. southerly.	6 in.	H	60	..	4½ ft.	17 ft. e. of hylt.
232 ft. southerly.	Tressel st.	6 in.	H	60	..	4½ ft.	8 w. of center of st.

ELLCOTT STREET.

Exchange st.....	Swan st.....	10 in.	66	40	5 ft.	11 ft. e. of w. curb.
Swan st.....	Clinton st.....	10 in.	66	38	5 ft.	11½ ft. e. of w. curb.
Clinton st.....	Broadway.....	16 in.	66	38	5 ft.	13½ ft. e. of w. curb.
Broadway.....	Genesee st.....	10 in.	66	38	5 ft.	12 ft. e. of w. curb.
Chippewa st.....	550 ft. northerly.....	4 in.	66	40	5 ft.	7 ft. w. of e. curb.
550 ft. northerly.....	Tupper st.....	4 in.	66	32	5 ft.	3 ft. w. of w. curb.
Chippewa st.....	550 ft. northerly.....	10 in.	66	40	5 ft.	2½ ft. e. of e. curb.
550 ft. northerly.....	Goodell st.....	10 in.	66	32	5 ft.	3 ft. e. of e. curb.
Goodell st.....	Goodrich st.....	6 in.	66	30	5 ft.	9½ ft. e. of w. curb.
Goodrich st.....	Riley st.....	6 in.	66	28	5 ft.	4 ft. e. of w. curb.

ELM STREET.

Swan st.....	South Division st.....	10 in.	66	40	5½ ft.	11 ft. e. of w. curb.
South Division st.....	Clinton st.....	10 in.	66	42	5½ ft.	10½ ft. e. of w. curb.
Clinton st.....	Genesee st.....	10 in.	66	38	5½ ft.	11 ft. e. of w. curb.
Genesee st.....	Tupper st.....	6 in.	66	38	5 ft.	8 ft. e. of w. curb.
Tupper st.....	Goodell st.....	6 in.	66	32	5 ft.	9½ ft. e. of w. curb.
Goodell st.....	High st.....	6 in.	66	30	5 ft.	8 ft. e. of w. curb.
North st.....	Best st.....	6 in.	50	26	5½ ft.	6 ft. w. of e. curb.
Clinton st.....	Tupper st.....	36 in.	66	38	6 ft.	11 ft. w. of e. curb.
Tupper st.....	Goodell st.....	36 in.	66	32	6 ft.	7 ft. w. of e. curb.
Goodell st.....	High st.....	36 in.	66	30	6 ft.	7½ ft. w. of e. curb.
High st.....	North st.....	36 in.	50	26	6 ft.	3 ft. w. of e. curb.
North st.....	Best st.....	36 in.	50	26	6 ft.	

ELSIE PLACE.

Purdy st.....	Alexander pl.....	3 in.	H	50	28	5 ft.	5 ft. n. of s. curb.
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EMERSON PLACE.

Michigan st.....	Masten st.....	6 in.	H	60	30	5 ft.	7 ft. n. of s. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

EMPIRE AVENUE.					Depth of Main.	Location.
From	To	Size.	System.	Street Paving Width.		
Miller ave.....	Koons ave.....	6 in.	R	50	5 ft.	17 ft. n. of s. line.
EMSLIE STREET.						
Seneca st.....	Clinton st.....	6 in.	R	50	5 ft.	9 ft. w. of e. curb.
Clinton st.....	Broadway	6 in.	R	50	5 ft.	7 ft. w. of e. curb.
ERICSSON AVENUE.						
East Delavan ave.....	500 ft. s. of Wecker st..	6 in.	R	66	5 ft.	8 ft. w. of center of street.
EUCLID PLACE.						
Abbott road.....	Angle of st.....	4 in.	R	26	5 ft.	3½ ft. e. of w. curb.
Angle of st.....	Prenatt st.....	4 in.	R	26	5 ft.	5 ft. s. of n. curb.
Prenatt st.....	Elk st.....	4 in.	R	50.	5 ft.	4 ft. w. of e. curb.
EUREKA PLACE.						
Sycamore st.....	Genesee st.....	4 in.	R	28	5 ft.	7 ft. w. of e. curb.

EXCHANGE STREET.

Main st.....	Washington st.....	12 in.	R	66	42	5½ ft.	2	ft. s. of n. curb.
Washington st.....	Michigan st.....	6 in.	R	66	42	5½ ft.	21	ft. s. of n. curb.
Main st.....	Chicago st.....	20 in.	R	66	42	5½ ft.	11	ft. n. of s. curb.
Chicago st.....	465 ft. easterly.....	20 in.	R	66	54	5½ ft.	6	ft. n. of s. curb.
465 ft. easterly.....	Louisiana st.....	20 in.	R	66	42	5½ ft.	13	ft. n. of s. curb.
Louisiana st.....	East Drive of Ramp..	20 in.	R	66	42	5½ ft.	26	ft. n. of s. line.
East Drive of Ramp..	Alabama st.....	20 in.	R	66	54	5½ ft.	28½	ft. s. of n. curb.
Alabama st.....	Jefferson st.....	20 in.	R	66	42	5½ ft.	30	ft. s. of n. curb.
Jefferson st.....	Red Jacket st.....	6 in.	R	66	42	5 ft.	17	ft. n. of n. curb.
Jefferson st.....	Smith st.....	12 in.	R	66	42	5½ ft.	11½	ft. s. of n. curb.
Smith st.....	Selkirk sf.....	6 in.	R	66	..	5	24	ft. n. of s. line.

FAIRVIEW STREET.

Seneca st.....	to end of st W. S....	2 in.	R	50	26	5 ft.	16	ft. w. of w. curb.
Seneca st.....	To end of st E. S....	2 in.	R	50	26	5 ft.	16	ft. e. of e. curb.

FAXON STREET.

Clinton st.....	600 ft. northerly.....	6 in.	R	52	..	5 ft.	17	ft. e. of w. line.
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FAY STREET.

Walden ave.....	West Shore ave.....	6 in.	H	50	..	5 ft.	19	ft. e. of w. line.
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FEDERAL AVENUE.

Kensington ave.....	Shawnee ave.....	6 in.	H	60	..	5 ft.	In sewer trench.	
Shawnee ave.....	End of st.....	6 in.	H	60	..	5 ft.	In sewer trench.	

FENTON STREET.

Clinton st.....	820 ft. southerly.....	4 in.	R	50	..	4½ ft.	18	ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

FERRY STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Main st.....	Purdy st.....	12 in.	H	66	40	5 ft.	12½ ft. n. of s. curb.
Purdy st.....	Jefferson st.....	12 in.	H	66	40	5 ft.	10 ft. n. of s. curb.
Jefferson st.....	Fillmore ave.....	12 in.	H	66	40	5 ft.	11 ft. n. of s. curb.
Fillmore ave.....	Bailey ave.....	16 in.	H	66	40	5 ft.	10½ ft. n. of s. curb.

FIELDS AVENUE.

Indian Church road.....	Buffam st.....	6 in.	R	50	..	5 ft.	8 ft. s. of center of street.
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FILLMORE AVENUE.

Seneca st.....	Smith st.....	16 in.	R	100	50	5½ ft.	8 ft. e. of w. curb.
Smith st.....	90 ft. s. of S. Division st.	16 in.	R	100	50	5½ ft.	7 ft. w. of w. curb.
90 ft. southerly.....	S. Division st.....	6 in.	R	100	50	5½ ft.	12 ft. e. of w. curb.
Seneca st.....	Dillon st.....	4 in.	R	100	50	5½ ft.	7 ft. e. of e. curb.
Dillon st.....	400 ft. northerly.....	16 in.	R	100	50	5½ ft.	5½ ft. e. of e. re-taining wall.
400 ft. northerly.....	100 ft. n. of Olga pl....	16 in.	R	100	50	5½ ft.	8 ft. w. of w. curb.
100 ft. n. of Olga pl....	268 ft. s. of William st....	16 in.	R	100	50	5½ ft.	14 ft. e. of w. curb.
Pennsylvania R. R.....	250 ft. northerly.....	4 in.	R	100	50	5½ ft.	8½ ft. w. of w. re-taining wall.
268 ft. s. of William st....	Genesee st.....	16 in.	R	100	50	5½ ft.	8 ft. w. of w. curb.
Clinton st.....	Olga pl.....	6 in.	R	100	50	5½ ft.	7 ft. e. of e. curb.
179 ft. n. of Olga pl....	South R. R. ave.....	4 in.	R	100	50	5½ ft.	10 ft. w. of w. curb.
William st.....	Lovejoy st.....	4 in.	R	100	50	5½ ft.	8 ft. e. of e. curb.

FILLMORE AVENUE.—Continued.

Lovejoy st.....	500 ft. northerly.....	6 in.	R	100	50	5½ ft.	6½ ft. e. of e. curb.
Broadway	200 ft. s. of C. st.....	6 in.	R	100	50	5½ ft.	8 ft. e. of e. curb.
Genesee st.....	Best st.....	16 in.	H	100	50	5½ ft.	8 ft. e. of e. curb.
Best st.....	North Parade ave.....	16 in.	H	...	...	5½ ft.	9 ft. w. of w. curb.
Best st.....	North Parade ave.....	4 in.	H	...	...	5½ ft.	7 ft. e. of hyd.
North Parade ave.....	London st.....	16 in.	H	66	40	5½ ft.	9½ ft. e. of w. curb.
North Parade ave.....	75 ft. s. of Northampton.	4 in.	H	66	40	5½ ft.	8 ft. w. of e. curb.
London st.....	East Ferry st.....	16 in.	H	66	40	5½ ft.	10½ ft. e. of w. curb.
London st.....	East Utica st.....	24 in.	H	66	40	6 ft.	3 ft. e. of e. curb.
East Ferry st.....	East Ferry st.....	16 in.	H	66	40	5½ ft.	9½ ft. e. of e. curb.
East Ferry st.....	Seajaquada Creek.....	16 in.	H	66	36	5 ft.	9½ ft. e. of w. curb.
Seajaquada Creek.....	Northland ave.....	16 in.	H	66	36	5 ft.	6 ft. e. of w. curb.
Northland ave.....	Kensington ave.....	16 in.	H	66	36	5 ft.	8½ ft. e. of w. curb.
Kensington ave.....	Dewey ave.....	6 in.	H	66	36	5 ft.	7½ ft. e. of w. curb.
Dewey ave.....	Main st.....	6 in.	H	66	36	5 ft.	17 ft. e. of w. curb.

FITZGERALD STREET.

O'Connell st.....	Elk st.....	6 in.	R	50	..	5 ft.	22 ft. w. of e. line.
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FLEMING STREET.

Metcalf st.....	Jones st.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
Lewis st.....	Laux st.....	6 in.	R	60	..	5 ft.	38 ft. s. of n. line.

FLORIDA STREET.

Main st.....	600 ft. easterly.....	4 in.	H	49½	26	5 ft.	3 ft. n. of s. curb.
600 ft. easterly.....	Jefferson st.....	6 in.	H	50	26	5 ft.	4 ft. n. of s. curb.
Jefferson st.....	300 ft. easterly.....	6 in.	H	50	..	5 ft.	18 ft. n. of s. line.
225 ft. easterly.....	Pleasant pl.....	6 in.	H	50	..	5 ft.	24 ft. s. of n. line.
Pleasant pl.....	Humboldt parkway.....	6 in.	H	50	..	5 ft.	In sewer trench.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

FLOSS AVENUE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Genesee st.	Lang ave.	6 in.	H	50	..	5 ft.	8 ft. w. of center of street.

FOUGERON STREET.

Fillmore ave.	Kehr st.	6 in.	H	50	28	5 ft.	2 ft. n. of s. curb.
Kehr st.	Barthel st. ss.	6 in.	H	50	28	5 ft.	2 ft. s. of s. curb.
Barthel st.	Genesee st.	6 in.	H	50	28	5 ft.	6 ft. n. of s. curb.

FOX STREET.

Broadway	Genesee st.	6 in.	R	66	30	5 ft.	8½ ft. w. of e. curb.
Genesee st.	Best st.	6 in.	H	50	26	5 ft.	7 ft. e. of w. curb.

FRANK AVENUE.

Mineral Spring rd.	Ryan st.	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
Ryan st.	End of st.	6 in.	R	50	..	5 ft.	15 ft. s. of n. line.

FREDERICK PLACE.

Kehr st.	375 ft. westerly.	4 in.	R	12½	..	5 ft.	In sewer trench.
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FRENCH STREET.

Fillmore ave.	Moselle st.	16 in.	H	66	30	5½ ft.	4½ ft. n. of s. curb.
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FREUND STREET.

Genesee st.....	E. Delavan ave.....	6 in.	H	55	..	5 ft.	8 ft. w. of center.
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FULTON STREET.

Michigan st.....	East Market st.....	6 in.	R	66	38	5 ft.	8½ ft. n. of s. curb.
East Market st.....	Chicago st.....	6 in.	R	66	28	5 ft.	3 ft. n. of s. curb.
Chicago st.....	Louisiana st.....	6 in.	R	66	28	5 ft.	6 ft. n. of s. curb.
Louisiana st.....	Lake Shore R. R.....	6 in.	R	66	30	5 ft.	6 ft. n. of s. curb.
Van Rensselaer st.....	Smith st.....	6 in.	R	66	30	5 ft.	9 ft. n. of s. curb.

GANSON STREET.

South Michigan st.....	320 ft. northerly.....	16 in.	R	50	..	5½ ft.	7 ft. w. of e. line.
320 ft. northerly.....	640 ft. northerly.....	10 in.	R	50	..	5½ ft.	7 ft. w. of e. line.
South Michigan st.....	flamburg turnpike.....	16 in.	R	50	30	5½ ft.	3 ft. w. of e. curb.

GARVEY STREET.

Hopkins st.....	408 ft. easterly.....	6 in.	R	50	..	5 ft.	14 ft. n. of s. line.
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GATCHELL STREET.

Broadway	West Shore R. R.....	6 in.	R	50	24	4½ ft.	3½ ft. e. of w. curb.
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GAY STREET.

Michigan st.....	Mark st.....	4 in.	R	40	22	5 ft.	5 ft. s. of n. curb.
Mark st.....	Potter st.....	4 in.	R	40	20	5 ft.	4 ft. n. of s. curb.

GEARY STREET.

Seneca st.....	Frank st.....	6 in.	R	50	..	5 ft.	16 ft. e. of w. line.
Seneca st.....	210 ft. southerly.....	1 in.	R	50	26	5 ft.	2 ft. e. of w. curb.
Seneca st.	200 ft. southerly.....	6 in.	R	50	26	5 ft.	7 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

GENESEE STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Main st.....	Oak st.....	10 in.	R	99	58	5 ft.	20 ft. n. of s. curb.
Oak st.....	Jefferson st.....	10 in.	R	66	42	5 ft.	14 ft. n. of s. curb.
Jefferson st.....	Fillmore ave.....	10 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
Fillmore ave.....	Best st.....	10 in.	H	66	42	5 ft.	13 ft. n. of s. curb.
East Parade ave.....	New York Central R. R.	10 in.	H	66	42	5 ft.	12½ ft. n. of s. curb.
New York Central R. R.	Bailey ave.....	10 in.	H	66	36	5 ft.	8½ ft. n. of s. curb.
Bailey ave.....	Eller ave.....	10 in.	H	66	36	5 ft.	7½ ft. s. of s. curb.
Rogers ave.....	134 ft. easterly.....	4 in.	H	66	36	5 ft.	13 ft. n. of n. curb.
Eller ave.....	City Line.....	6 in.	H	66	36	5 ft.	7½ ft. s. of s. curb.

GENEVA STREET.

Curtiss st.....	West Shore R. R.....	6 in.	R	50	26	5 ft.	5 ft. n. of s. curb.
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GEORGE STREET.

Mortimer st.....	Jefferson st.....	4 in.	R	30	20	5 ft.	5½ ft. n. of s. curb.
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GERHARD STREET.

Dodge st.....	Northampton st.....	6 in.	H	60	28	5 ft.	6 ft. e. of w. curb.
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GERMANIA STREET.

Abbott road.....	Amelia st.....	6 in.	R	40	..	5 ft.	7 ft. e. of w. line.
Amelia st.....	Pembina st.....	6 in.	R	60	..	5 ft.	27 ft. e. of w. line.

GESL STREET.

Fillmore ave.....Halbert st.....	6 in.	H	64	..	5 ft.	In sewer trench.
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GIBSON STREET.

Curtiss st.....	6 in.	R	50	28	5 ft.	5 ft. e. of w. curb.
Lovejoy st.....	6 in.	R	50	30	5 ft.	6 ft. e. of w. curb.
Broadway.....	6 in.	R	55	..	5 ft.	Center of street.
200 ft. northerly.....	6 in.	R	55	..	5 ft.	4 ft. w. of venter
69 ft. northerly.....	6 in.	R	55	..	5 ft.	16½ ft. e. of w. line.

GILBERT STREET.

Clinton st.....	N. Y. L. E. & W. R. R..	6 in.	R	50	28	4½ ft.	4½ ft. e. of w. curb.
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GIRARD PLACE.

Humboldt parkway.....	Fillmore ave.....	6 in.	H	66	30	4½ ft.	6 ft. n. of s. curb.
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GITTERE STREET.

Sycamore st.....	540 ft. southerly.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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GLENDALE PLACE.

Main st.....	Humboldt parkway.....	6 in.	H	50	26	5 ft.	6½ ft. n. of s. curb.
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GLENDHUE AVENUE.

Cazenovia st.....	300 ft. westerly.....	6 in.	R	40	..	5 ft.	15½ ft. s. of n. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

GLENN STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Clinton st.....	450 ft. northerly.....	6 in.	R	60	..	5 ft.	22 ft. e. of w. line.

GLENWOOD AVENUE.

Main st.....	Purdy st.....	6 in.	H	66	28	5 ft.	8½ ft. s. of n. curb.
Purdy st.....	Storz st.....	6 in.	H	66	28	5 ft.	7½ ft. n. of s. curb.
Storz st.....	Humboldt parkway.....	6 in.	H	66	28	5 ft.	5½ ft. n. of s. curb.
Fillmore ave.....	Belt line.....	6 in.	H	66	28	5 ft.	5½ ft. n. of s. curb.

GOEMBLE AVENUE.

Walden ave.....	Rohe st.....	6 in.	H	50	26	5 ft.	6 ft. e. of w. curb.
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GOETHE STREET.

Broadway	Reimann st.....	6 in.	R	60	28	5½ ft.	6 ft. e. of w. curb.
Lovejoy st.....	450 ft. northerly.....	6 in.	R	60	..	5½ ft.	22 ft. e. of w. line.
Lovejoy st.....	Queen st.....	6 in.	R	60	..	5½ ft.	20 ft. e. of w. line.

GOLD STREET.

Broadway	William st.....	6 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
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BUREAU OF WATER.

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GOOD AVENUE.

Hopkins	Lilac st.....	6 in.	R	50	26	5 ft.	9 ft. n. of s. curb.
Lilac st.....	Triangle st.....	6 in.	R	50	26	5 ft.	6 ft. s. of n. curb.
Triangle st.....	To angle of st.....	6 in.	R	50	26	5 ft.	6 ft. e. of w. curb.
Angle of st.....	Abbott road.....	6 in.	R	50	26	5 ft.	6 ft. w. of e. curb.

GOODELL STREET.

Main st.....	Michigan st.....	12 in.	H	66	42	5 ft.	9 ft. n. of s. curb.
Michigan st.....	Cherry st.....	10 in.	R	66	30	5 ft.	8 ft. n. of s. curb.

GOODRICH STREET.

Main st.....	Ellicott st.....	6 in.	H	66	30	5 ft.	11 ft. n. of s. curb.
Ellicott	Michigan st.....	6 in.	H	66	30	5 ft.	6½ ft. s. of n. curb.

GOODYEAR AVENUE.

Broadway	Sycamore st.....	6 in.	R	50	28	5 ft.	4 ft. e. of w. curb.
Walden ave.....	Genesee st.....	6 in.	H	60	30	5 ft.	7 ft. e. of w. curb.
Genesee st.....	Ferry st.....	6 in.	H	50	30	5 ft.	10 ft. e. of w. curb.

GORHAM STREET.

Elk st.....	Perry st.....	6 in.	R	50	28	4½ ft.	6 ft. e. of w. curb.
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GORSKI STREET.

Clinton st.....	430 ft. s. of Casimir st..	6 in.	R	60	..	4½ ft.	23 ft. w. of e. line.
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GRANGER PLACE.

Chicago st.....	Ohio Basin Slip.....	4 in.	R	50	..	4½ ft.	24 ft. s. of n. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON

WHAT SYSTEM.—EAST SIDE.—Continued.

GRAPE STREET.						
From	To	Size.	Street System.	Paying Width.	Depth of Main.	Location.
Cherry st.....	Virginia st.....	6 in.	R	66 28	5 ft.	9 ft. e. of w. curb.
Virginia st.....	High st.....	6 in.	H	66 28	5 ft.	5½ ft. w. of e. curb.
High st.....	North st.....	6 in.	H	66 28	5 ft.	4½ ft. e. of w. curb.
North st.....	Best st.....	6 in.	H	50 28	5 ft.	6½ ft. e. of w. curb.
GREENE STREET.						
William st.....	King st.....	6 in.	R	50 ..	4½ ft.	17 ft. w. of e. line.
GREY STREET.						
Broadway	Genesee st.....	6 in.	R	40 22	5 ft.	4 ft. e. of w. curb.
Carlton st.....	High st.....	6 in.	R	50 28	5 ft.	8½ ft. e. of w. curb.
GRIMES STREET.						
Young st.....	Krupp st.....	6 in.	R	50 ..	5 ft.	17 ft. n. of s. line.
Peck st.....	Quincy st.....	6 in.	R	50 ..	5 ft.	7 ft. s. of n. line.
GRIDER STREET.						
East Ferry st.....	400 ft. s. of Northland..	12 in.	H	66 40	5 ft.	8 ft. e. of w. curb.
400 ft. s. of Northland..	Delavan ave.....	12 in.	H	66 40	5 ft.	4 ft. w. of w. curb.
Delavan ave.....	Pembroke ave.....	12 in.	H	60 40	5 ft.	1 ft. e. of w. curb.
Pembroke ave.....	Kensington ave.....	12 in.	H	50 40	5 ft.	1½ ft. e. of w. curb.
423 ft. s. of Northland..	163 ft. s. of Delavan ave.	6 in.	H	66 40	5 ft.	3½ ft. e. of e. curb.
112 ft. n. of Delavan ave.	Pembroke ave.....	6 in.	H	60 40	5 ft.	14 ft. e. of e. curb.
Pembroke ave.....	106 ft. s. of Kensington.	6 in.	H	50 40	5 ft.	14 ft. e. of e. curb.
Kensington ave.....	Leroy ave.....	6 in.	H	50 40	5 ft.	20 ft. e. of w. curb
Water Tower.....	Leroy ave.....	36 in.	H	50 40	7 ft.	10 ft. w. of e. curb.

GRISWOLD STREET.

Weiss st.....	Weaver ave.....	6 in.	R	40	..	5 ft.	21 ft. s. of n. line.
South Ogden st.....	Wheelock st.....	6 in.	R	40	..	5 ft.	12 ft. n. of s. line.

GROSVENOR STREET.

S. Division st.....	Eagle st.....	6 in.	R	50	26	5 ft.	10 ft. e. of w. curb.
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GUILFORD STREET.

Broadway	Genesee st.....	6 in.	R	60	28	5 ft.	6 ft. e. of w. curb.
Genesee st.....	Best st.....	6 in.	H	49.6	26	5 ft.	4 ft. e. of w. curb.

HAGEN STREET.

E. Delavan ave.....	1,300 ft. southerly.....	6 in.	H	50	..	5 ft.	17 ft. e. of w. line.
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HAGER STREET.

Northland ave.....	246 ft. northerly.....	6 in.	H	50	..	5 ft.	24 ft. e. of w. line.
Florida st.....	F. Delavan ave.....	6 in.	H	50	..	5 ft.	24 ft. e. of w. line.

HAGERMAN STREET.

Swan st.....	Seymour st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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HALBERT STREET.

Dewey st.....	Leroy ave.....	6 in.	H	50	..	5½ ft.	Center of st. in sewer trench.
Brewster pl.....	Jewett ave.....	6 in.	H	50	..	5½ ft.	Center of st. in sewer trench.
Jewett ave.....	Phelps st.....	6 in.	H	60	..	5½ ft.	28 ft. w. of e. line.
Phelps st.....	Rodney ave.....	6 in.	H	60	..	5 ft.	Center of street.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

HAMBURG STREET.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
South st.....	Elk st.....	10 in.	R	66	5½ ft.	14 ft. w. of e. curb.
Elk st.....	Exchange st.....	16 in.	R	66	5½ ft.	9 ft. w. of e. curb.

HAMBURG TURNPIKE.

Ganson st.....	2,000 ft. southerly.....	16 in.	R	66	..	5 ft. 8 ft. e. of hydt.
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HAMMERSCHMIDT STREET.

Seneca st.....	880 ft. southerly.....	6 in.	R	60	..	5 ft. 24 ft. e. of w. line.
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HANNAH STREET.

William st.....	360 ft. southerly.....	6 in.	R	40	..	5 ft. 12 ft. e. of w. line.
360 ft. southerly.....	Babcock st.....	6 in.	R	40	..	5 ft. 16 ft. e. of w. line.

HARLOW PLACE.

Purdy st.....	Alexander pl.....	4 in.	H	46	20	5 ft. 4 ft. n. of s. curb.
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HARMONIA STREET.

Sycamore st.....	Walden ave.....	6 in.	R	50	26	5 ft. 6 ft. e. of w. curb.
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BUREAU OF WATER.

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HARRIET AVENUE.

East Delavan st.....1,550 ft. northerly.....	6 in.	H	66	..	4½ ft.	8 ft. w. of center of street.
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HARRISON STREET.

Seneca st.....225 ft. southerly.....	2 in.	R	60	..	5 ft.	34 ft. e. of w. line.
Seneca st.....Pennsylvania P. R.....	6 in.	R	60	..	4½ ft.	22 ft. e. of w. line.

HARDWOOD PLACE.

Fillmore ave.....375 ft. easterly.....	6 in.	R	60	30	5 ft.	5½ ft. n. of s. curb.
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HARWOOD PLACE.

Jefferson st.....End of st.....	6 in.	H	40	22	4½ ft.	5 ft. n. of s. curb.
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HARVEY PLACE.

Abbott road.....St. Stephens pl.....	6 in.	R	50	24	5 ft.	5 ft. e. of w. curb.
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HAUF STREET.

East Utica st.....Glenwood ave..	6 in.	H	50	28	5 ft.	5½ ft. e. of w. curb.
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HAYDEN STREET.

Seneca st.....200 ft. northerly.....	6 in.	R	50	28	5 ft.	East sidewalk.
200 ft. northerly.....Mineral Spring rd.....	6 in.	R	50	28	5 ft.	7½ ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

HAYES PLACE.

From	To	Size.	Street System.	Width.	Paving Depth of Main.	Location.
Seneca st.....	Bayard st.....	10 in.	R	50	23	5 ft. 6 ft. e. of w. curb.

HAYWARD STREET.

Elk st.....	Perry st.....	6 in.	R	66	30	5 ft. e. of e. curb.
Perry st.....	Otto st.....	6 in.	R	33	..	18 ft. w. of e. line.

HAZELWOOD AVENUE.

East Delavan ave.....	1,660 ft. northerly.....	6 in.	H	60	..	5 ft. 8 ft. w. of center of street.
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HEDLEY STREET.

Oak Grove ave.....	560 ft. w. of Meech st..	6 in.	H	60	..	5 ft. 8 ft. s. of center of street.
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HENNEPIN STREET.

Bailey ave.....	Greene st.....	6 in.	R	50	..	4½ ft. 18 ft. n. of s. line.
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HERMAN STREET.

Broadway	Genesee st.....	6 in.	R	66	34	5 ft. 9 ft. e. of w. curb.
Genesee st.....	Best st.....	6 in.	H	50	23	5 ft. 6 ft. e. of w. curb.

HERSEE ALLEY.

Ellicott st.....Oak st.....	6 in.	R	20	18	4½ ft.	13 ft. s. of n. line.
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HICKORY STREET.

Swan st.....Clinton st.....	6 in.	R	66	30	5 ft.	7½ ft. e. of w. curb.
Clinton st.....William st.....	6 in.	R	66	30	5 ft.	10 ft. e. of w. curb.
William st.....Genesee st.....	6 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
Genesee st.....Cherry st.....	10 in.	R	66	40	5 ft.	5 ft. e. of w. curb.

HIGH STREET.

Main st.....Michigan st.....	10 in.	H	66	30	5 ft.	3½ ft. s. of s. curb.
Michigan st.....Jefferson st.....	12 in.	H	66	30	5 ft.	8 ft. s. of n. curb.
Rose st.....Rose st.....	20 in.	H	66	30	5 ft.	17½ ft. s. of n. curb.
Jefferson st.....Johnson st.....	6 in.	H	66	30	5 ft.	11 ft. s. of n. curb.
Johnson st.....Herman st.....	6 in.	H	66	30	5 ft.	6 ft. s. of n. curb.

HILL STREET.

Leroy ave.....Charlotte ave.....	6 in.	H	60	..	4½ ft.	East sidewalk.
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HILLERY AVENUE.

Mineral Springs rd.....625 ft. easterly.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
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HILLERY PLACE.

Main st.....Winspear ave.....	6 in.	H	60	..	5 ft.	In sewer trench.
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HILLSIDE AVENUE.

Indian Church rd.....Duerstein st.....	6 in.	R	50	..	5 ft.	18 ft. n. of s. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

HILTON STREET.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Curtiss st.....	Lovejoy st.....	6 in.	R	50 ..	5 ft.	17 ft. e. of w. line.
Lovejoy st.....	300 ft. northerly.	6 in.	R	50 ..	5 ft.	17 ft. e. of w. line.

HINES STREET.

Downing st.....	500 ft southerly.....	6 in.	R	66 ..	5 ft.	23 ft. e. of w. line.
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HIRSCHBECK STREET.

Broadway	West Shore R. R.....	6 in.	R	50 ..	5 ft.	32 ft. w. of e. line.
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HOLLISTER STREET.

Spring st.....	Mortimer st.....	6 in.	R	40 20	4½ ft.	5 ft. s. of n. curb.
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HOLLAND PLACE.

Northampton st.....	Riley st.. ..	6 in.	H	60 26	5 ft.	4½ ft. e. of w. curb.
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HOLLY AVENUE.

South Side parkway.....	Abbott road.....	6 in.	R	66 ..	5 ft.	27 ft. n. of s. line.
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BUREAU OF WATER.

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HOLT STREET.

Lewis st.....500 ft. westerly.....	6 in.	R	50	..	4½ ft.	17 ft. s. of n. line.
Lewis st.....400 ft. easterly.....	6 in.	R	50	..	4½ ft.	17 ft. s. of n. line.

HOPKINS STREET.

Tift st.....Abbott road.....	16 in.	R	66	30	5 ft.	7½ ft. e. of w. curb.
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HOUGHTON STREET.

48 ft. s. of hydt.....Broadway	6 in.	R	50	28	5 ft.	5½ ft. e. of w. curb.
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HOWARD STREET.

Jefferson st.....Madison st.....	6 in.	R	50	28	5 ft.	17 ft. n. of s. curb.
Madison st.....Monroe st.....	4 in.	R	50	28	5 ft.	4½ ft. n. of s. curb.
Monroe st.....Adams st.....	6 in.	R	50	28	5 ft.	4 ft. n. of s. curb.
Adams st.....Sherman st.....	4 in.	R	50	28	5 ft.	3 ft. n. of s. curb.
Sherman st.....Shumway st.....	6 in.	R	50	28	5 ft.	3½ ft. n. of s. curb.
Shumway st.....Smith st.....	6 in.	R	50	28	5 ft.	4 ft. n. of s. curb.
Smith st.....Clare st.....	6 in.	R	50	28	5 ft.	3½ ft. n. of s. curb.
Madison st.....Metcalf st.....	36 in.	R	50	28	6½ ft.	18 ft. n. of s. curb.
Stetson st.....Metcalf st.....	4 in.	R	50	28	5 ft.	4 ft. n. of s. curb.
Metcalf st.....120 ft. easterly.....	12 in.	R	50	28	5 ft.	7 ft. n. of n. curb.
Metcalf st.....Babcock st.....	12 in.	R	50	28	5½ ft.	4½ ft. n. of s. curb.

HUBBARD STREET.

Clinton st.....350 ft. southerly.....	6 in.	R	50	..	4½ ft.	17 ft. w. of e. line.
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HUBBELL AVENUE.

South Park ave.....South Side parkway....	6 in.	R	60	..	5 ft.	21 ft. s. of n. line.
South Side parkway....Abbott road.....	6 in.	R	50	..	5 ft.	8 ft. n. of center.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

HUGHES AVENUE.				
From	To	Size.	Street Paving System. Width.	Depth of Main.
Jefferson st.....	Oakgrove ave.....	6 in.	H 60 28	5 ft.
				6 ft. n. of s. curb.
HUMASON AVENUE.				
Genesee st.....	Hemenway st.....	6 in.	R 60 ..	5 ft.
				20 ft. e. of w. line.
HUMBER AVENUE.				
Delavan ave.....	103 ft. s. of Sussex st..	6 in.	H 70 ..	5 ft.
				32 ft. e of w. line.
HUMBOLDT PARKWAY.—WEST SIDE.				
Northampton st.....	Ferry st.....	6 in.	H 200 38	5 ft.
East Delavan st.....	Kensington ave.....	6 in.	H 200 ..	5 ft.
				9½ ft. w. of w. curb.
				13 ft. e. of w. line.
HUMBOLDT PARKWAY.—EAST SIDE.				
Northampton st.....	100 ft. northerly.....	6 in.	H 200 ..	5 ft.
Riley st.....	Landon st.....	6 in.	H 200 ..	4½ ft.
Woepfel st.....	Woodlawn ave.....	4 in.	H 200 ..	4½ ft.
E. Ferry st.....	Seajaquada Creek.....	6 in.	H 200 ..	4½ ft.
Seajaquada Creek	Buell ave.....	6 in.	H 200 ..	4½ ft.
East Delavan ave.....	Kensington ave.....	6 in.	H 200 ..	4½ ft.
Kensington ave.....	Main st.....	16 in.	H 200 ..	4½ ft.
				14 ft. w. of e. line.
				11 ft. w. of e. line.
				11 ft. w. of e. line.
				11 ft. w. of e. line.
				13 ft. w. of e. line.
				12 ft. s. of n. line.

HURON STREET.

Main st.....	Oak st.....	36 in.	R	66	42	6 ft.	9 ft. n. of s. curb.
Washington st.....	Oak st.....	12 in.	R	66	42	5 ft.	15½ ft. n. of s. curb.

HYDRAULIC STREET.

Seneca st.....	Carroll st.....	4 in.	R	50	..	5 ft.	25 ft. w. of e. line.
Carroll st.....	Exchange st.....	6 in.	R	50	..	5 ft.	25 ft. w. of e. line.

IDEAL STREET.

William st.....	King st.....	6 in.	R	66	30	5 ft.	8 ft. e. of w. curb.
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ILLINOIS STREET.

Elk st.....	Perry st.....	6 in.	R	50	30	5 ft.	8 ft. w. of e. curb.
Perry st.....	Scott st.....	6 in.	R	50	30	5 ft.	5½ ft. e. of w. curb.

IMSON STREET.

450 ft. southerly.....	Seneca st.....	6 in.	R	60	..	4½ ft.	23 ft. e. of w. line.
Seneca st.....	Pennsylvania R. R.....	6 in.	R	60	..	4½ ft.	17 ft. e. of w. line.

INDIAN CHURCH ROAD.

Seneca st.....	Fields ave.....	6 in.	R	66	36	4 ft.	9 ft. e. of w. curb.
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INDIANA STREET.

Ohio st.....	Mary st.....	4 in.	R	50	26	4 ft.	5½ ft. w. of e. curb.
Mary st.....	Perry st.....	4 in.	R	50	26	4 ft.	6½ ft. w. of e. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATON, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

INDIAN ORCHARD PLACE.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Buffam st.....	End of st.....	6 in.	R	50	5 ft.	In sewer trench.

INTER PARK AVENUE.

Humboldt parkway.....	Fillmore ave.....	6 in.	H	60	30	4½ ft.	7½ ft. n. of s. curb.
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IROQUOIS PLACE.

William st.....	Broadway	4 in.	R	20	20	4½ ft.	4½ ft. e. of w. line.
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IVY STREET.

Walden ave.....	Genesee st.....	6 in.	H	50	30	5 ft.	8 ft. e. of w. curb.
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JAMES STREET.

Lord st.....	Montgomery st.....	6 in.	R	33	18	4½ ft.	5 ft. s. of n. curb.
Montgomery st.....	Fillmore ave.....	4 in.	R	33	18	4½ ft.	4 ft. s. of n. curb.

JEFFERSON ALLEY.

Jefferson st.....	End of alley.....	3 in.	R	20	..	5 ft.	15 ft. s. of n. line.
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JEFFERSON STREET.

Exchange st.....	Seneca st.....	20 in.	R	50	5½ ft.	19 ft. e. of w. line.
Seneca st.....	Swan st.....	20 in.	R	50	5½ ft.	6½ ft. e. of w. curb.
Swan st.....	William st.....	20 in.	R	66	5½ ft.	11 ft. e. of w. curb.
William st.....	250 ft. northerly.....	6 in.	R	66	5 ft.	13 ft. e. of w. curb.
250 ft. northerly.....	75 ft. n. of George.....	6 in.	R	66	4½ ft.	13 ft. e. of w. curb.
75 ft. n. of George st.....	Brown st.....	6 in.	R	66	4½ ft.	9½ ft. e. of w. curb.
Brown st.....	Virginia st.....	20 in.	R	66	5½ ft.	13 ft. e. of w. curb.
Virginia st.....	High st.....	6 in.	H	66	5 ft.	14½ ft. e. of w. curb.
High st.....	100 ft. s. of Best st.....	10 in.	H	66	5 ft.	10 ft. w. of e. curb.
North st.....	Best st.....	20 in.	H	66	5½ ft.	See roll-map, pipe laid on angle.
Best st.....	Dodge st.....	16 in.	H	66	5 ft.	See roll-map, pipe laid on angle.
Best st.....	Dodge st.....	36 in.	R	66	6 ft.	See roll-map, pipe laid on angle.
Dodge st.....	Ferry st.....	16 in.	H	66	5½ ft.	13½ ft. e. of w. curb.
Landon st.....	Utica st.....	16 in.	H	66	5½ ft.	2 ft. w. of e. curb.
Ferry st.....	Northland ave.....	16 in.	H	66	5½ ft.	8 ft. e. of w. curb.
Northland ave.....	Main st.....	16 in.	H	66	5½ ft.	4½ ft. e. of w. curb.

JEWETT AVENUE.

Halbert st.....	Fillmore ave.....	6 in.	H	60	4½ ft.	29 ft. n. of s. line.
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JOHNSON STREET.

Broadway	Genesee st.....	6 in.	R	66	5 ft.	6 ft. e. of w. curb.
Genesee st.....	Best st.....	6 in.	H	50	5 ft.	4½ ft. e. of w. curb.

JONES STREET.

Clinton st.....	Lyman st.....	6 in.	R	60	4½ ft.	6 ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

JOSEPHINE STREET.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Northampton st.....	Fourgon st.....	6 in.	H	50	5 ft.	18 ft. e. of w. line.
Fourgon st.....	Urban st.....	6 in.	H	50	5 ft.	20 ft. e. of w. line.

JOSIE PLACE.

Triangle st.....	Taylor pl.....	6 in.	R	50	26	4½ ft. s. of n. curb.
Taylor pl.....	South Park ave.....	6 in.	R	50	26	8 ft. n. of s. curb.

JUNIATA PLACE.

Seneca st.....	600 ft. northerly.....	2 in.	R	66	..	4 ft. Center of street.
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JUNIOR AVENUE.

Indian Church rd.....	250 ft. easterly.....	6 in.	R	50	..	4½ ft. 15 ft. n. of s. line.
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KAMPER STREET.

Seneca st.....	800 ft. northerly.....	6 in.	R	50	26	5 ft. 5½ ft. e. of w. curb.
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KANE STREET.

Sycamore st.....	425 ft. northerly w. side.	6 in.	R	50	26	2 ft. 3½ ft. w. of w. curb.
Sycamore st.....	425 ft. northerly e. side.	4 in.	R	50	26	2 ft. 3 ft. e. of e. curb.
425 ft. northerly.....	Genesee st.....	4 in.	R	50	26	3½ ft. 12½ ft. e. of w. curb.

KATHERINE STREET.

Ensign st.....	Erie R. R.....	6 in.	R	50	..	4½ ft.	17 ft. e. of w. line.
Erie R. R.....	Elk st.....	6 in.	R	50	..	4½ ft.	14 ft. e. of w. line.

KEHR STREET.

Genesee st.....	Fourgeron st.....	6 in.	H	50	28	4½ ft.	6½ ft. e. of w. curb.
Fourgeron st.....	Urban st.....	6 in.	H	50	32	4½ ft.	10 ft. e. of w. curb.
Urban st.....	French st.....	6 in.	H	66	40	4½ ft.	13 ft. e. of w. curb.
French st.....	Ferry st.....	6 in.	H	66	40	4½ ft.	19 ft. e. of w. curb.

KELLOGG STREET.

Elk st.....	300 ft. northerly.....	6 in.	R	50	..	5 ft.	17 ft. w. of e. line.
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KENEFICK AVENUE.

South Park ave.....	Southside parkway.....	6 in.	R	66	28	4½ ft.	5 ft. n. of s. curb.
South Side parkway.....	Abbott road.....	6 in.	R	50	..	4½ ft.	20 ft. w. of e. line.

KENSINGTON AVENUE.

Main st.....	Humboldt parkway.....	6 in.	H	49½	..	4½ ft.	South sidewalk.
Humboldt parkway.....	Fillmore ave.....	16 in.	H	49½	30	5 ft.	3 ft. n. of s. curb.
Fillmore ave.....	Grider st.....	16 in.	H	66	40	5 ft.	18 ft. n. of s. curb.
Grider st.....	Wyoming ave.....	16 in.	H	82½	40	5 ft.	17 ft. n. of s. curb.
Wyoming ave.....	N. Y. L. E. & W. R. R. R. R.	16 in.	H	82½	40	5 ft.	20 ft. s. of n. curb.
N. Y. L. E. & W. R. R. R. R.	40 ft. w. of Parkridge av. City Line.....	16 in.	H	82½	40	5 ft.	20 ft. n. of n. curb.
40 ft. w. of Parkridge av. City Line.....		16 in.	H	82½	40	5 ft.	14 ft. n. of s. curb.

KENT STREET.

Clark st.....	Playter st.....	6 in.	R	50	30	4½ ft.	5½ ft. n. of s. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

KENTUCKY STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
St. Clair st.....	Erie R. R.....	6 in.	R	60	..	5 ft.	20 ft. e. of w. line.
Republic st.....	Mackinaw st.....	6 in.	R	60	..	5 ft.	40 ft. w. of e. line.

KEPPEL STREET.

Elk st.....	Seneca st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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KERN'S AVENUE.

Bailey ave.....	Texas st.....	6 in.	H	60	..	4½ ft.	8 ft. s. of center of street.
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KEYSTONE AVENUE.

West Shore ave.....	Walden ave.....	6 in.	H	50	26	5½ ft.	10 ft. e. of w. curb.
Walden ave.....	Doat st.....	6 in.	H	50	26	5½ ft.	6½ ft. e. of w. curb.

KILHOFFER STREET.

Genesee st.....	East Ferry st.....	6 in.	H	50	..	5 ft.	17½ ft. e. of w. line.
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KIEFER STREET.

Walden ave.....	Genesee st.....	6 in.	H	60	28	5 ft.	4¼ ft. e. of w. curb.
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BUREAU OF WATER.

705

KIMMEL AVENUE.

Abbott road.....Buffalo River..... 6 in. R 50 .. 5 ft. 18 ft. e. of w. line.

KING STREET.

Green st.....Benzinger st..... 6 in. R 50 .. 5 ft. 17 ft. n. of s. line.
Benzinger st.....Gold st..... 6 in. R 50 .. 4½ ft. 22 ft. n. of s. line.

KINGSLEY STREET.

Jefferson st.....Humboldt parkway..... 6 in. H 49½ 26 5 ft. 5 ft. n. of s. curb.

KINGSTON PLACE.

Seneca st.....600 ft. southerly..... 6 in. R 40 22 4½ ft. 6½ ft. e. of w. curb.

KIRKOVER STREET.

McKinley st.....Clinton st..... 6 in. R 50 .. 5 ft. 20 ft. e. of w. line.

KLAUS STREET.

Metcalfe st.....Jones st..... 6 in. R 50 28 4½ ft. 5½ ft. n. of s. curb.

KNOERL AVENUE.

Seneca st.....570 ft. southerly..... 6 in. R 50 .. 4½ ft. 15 ft. e. of w. line.

KOESTER STREET.

Triangle st.....1,000 ft. westerly..... 6 in. R 50 26 5 ft. 8½ ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

KOONS AVENUE.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Broadway	West Shore R. R.	6 in.	R	50	4½ ft.	7½ ft. e. of w. line.
West Shore R. R.	Sycamore st.	6 in.	R	50	4½ ft.	19 ft. e. of w. line.
Walden ave.	McKibben st.	6 in.	H	60	4½ ft.	6½ ft. e. of w. curb.
McKibben st.	922 ft. northerly	6 in.	H	60	4½ ft.	5 ft. e. of w. curb.
922 ft. northerly	Genesee st.	1½ in 2 in 2½ in 3 in	H	60	4½ ft.	See Koons ave. map.

KOSCIUSCO STREET.

Broadway	Sycamore st.	6 in.	R	50	4½ ft.	7½ ft. e. of w. curb.
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KRETTNER STREET.

Howard st.	William st.	6 in.	R	50	4½ ft.	4 ft. w. of e. curb.
William st.	Broadway	6 in.	R	50	4½ ft.	5 ft. e. of w. curb.

KRUPP STREET.

New York C. R. R.	Broadway	6 in.	R	50	4½ ft.	18 ft. e. of w. line.
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LACKAWANNA STREET.

480 ft. westerly	Abby st.	6 in.	R	60	4½ ft.	24 ft. n. of s. line.
Abby st.	Germania st.	6 in.	R	60	4½ ft.	35 ft. s. of n. line.

BUREAU OF WATER.

707

LAKEWOOD AVENUE.

South Park ave.....	Abbott road.....	6 in.	R	50	..	5 ft.	8 ft. n. of center.
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LONDON STREET.

Jefferson st.....	Humboldt parkway.....	16 in.	H	66	30	5 ft.	5 ft. n. of s. curb.
Humboldt parkway.....	Fillmore ave.....	16 in.	H	66	28	5 ft.	4 ft. n. of s. curb.

LANG AVENUE.

Bailey ave.....	Texas st.....	6 in.	H	60	..	4½ ft.	17 ft. n. of s. line.
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LARK STREET.

Sidney st.....	Seajaquada Creek.....	6 in.	H	60	..	4½ ft.	Center of st. in sewer trench.
Seajaquada Creek.....	Northland ave.....	6 in.	H	50	..	4½ ft.	20 ft. w. of e. line.

LARKIN STREET.

Perry st.....	Scott st.....	12 in.	R	50	..	5½ ft.	18 ft. w. of e. line.
Scott st.....	Exchange st.....	12 in.	R	50	26	5½ ft.	3 ft. e. of e. curb.
Exchange st.....	Seneca st.....	12 in.	R	50	26	5½ ft.	6 ft. e. of e. curb.
125 ft. s. of Seneca st.....	Exchange st.....	4 in.	R	50	26	4½ ft.	8½ ft. e. of w. curb.

LASALLE AVENUE.

Main st.....	400 ft. easterly.....	6 in.	H	60	..	5 ft.	In sewer trench.
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LATHROP STREET.

Broadway	Sycamore st.....	36 in.	R	50	30	6 ft.	4½ ft. e. of e. curb.
Broadway	Walden ave.....	6 in.	R	50	30	5 ft.	5½ ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

LATOUR STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Walden ave.....	Genesee st.....	6 in.	H	60	..	4½ ft.	20 ft. e. of w. line.

LAUREL STREET.

270 ft. e. of Main st.....	Michigan st. n. side.....	6 in.	H	50	30	4½ ft.	3 ft. n. of n. curb.
270 ft. e. of Main st.....	Michigan st. s. side.....	6 in.	H	50	30	4½ ft.	3 ft. s. of s. curb.
Michigan st.....	Masten st.....	6 in.	H	44	24	5 ft.	7 ft. n. of s. curb.
Masten st.....	Jefferson st.....	6 in.	H	44	24	5 ft.	5 ft. n. of s. curb.

LAUX STREET.

Clinton st.....	Fleming st.....	6 in.	R	50	..	5 ft.	23 ft. e. of w. line.
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LEAMINGTON PLACE.

Seneca st.....	1,500 ft. northerly.....	6 in.	R	50	28	5 ft.	7½ ft. e. of w. curb.
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LEE STREET.

Abbott road.....	Prenatt st.....	6 in.	R	60	..	5 ft.	19 ft. e. of w. line.
Elk st.....	250 ft. southerly.....	6 in.	R	60	..	5 ft.	24 ft. e. of w. line.

LEMON STREET.

Cherry st.....	Virginia st.....	6 in.	R	66	28	5 ft.	8 ft. e. of w. curb.
Virginia st.....	E. North st.....	6 in.	H	66	28	5 ft.	8 ft. e. of w. curb.

BUREAU OF WATER.

709

LENNOX STREET.

Mineral Spring road....Pennsylvania R. R..... 6 in. R 60 4½ ft. 20 ft. e. of w. line.

LEROY AVENUE.

Main st.....Fillmore ave..... 6 in. H 66 5 ft. 14 ft. n. of s. curb.
 Fillmore ave.....522 ft. w. of Grider st. 6 in. H 66 5 ft. 14 ft. n. of s. curb.
 110 ft. e. of Hill st.....80 ft. easterly..... 6 in. H 66 5 ft. 13 ft. s. of s. curb.
 522 ft. w. of Grider st..Kensington ave..... 6 in. H 66 5 ft. 11 ft. n. of n. curb.
 Grider st.....Kensington ave..... 6 in. H 66 4½ ft. 11 ft. s. of s. curb.
 110 ft. e. of Hill st.....80 ft. easterly..... 6 in. H 66 5 ft. 13 ft. s. of s. curb.
 Main st.....N. Y. C. R. R..... 36 in. H 66 7 ft. 9 ft. n. of s. curb.
 New York Cent. R. R..Grider st..... 36 in. H 66 7 ft. 9 ft. n. of n. curb.

LESLIE STREET.

Genesee st.....E. Ferry st..... 6 in. H 50 4½ ft. 8 ft. w. of center.
 of street.

LESTER STREET.

Seneca st.....500 ft. northerly..... 6 in. R 50 4½ ft. 21 ft. e. of w. line.
 500 ft. northerly.....Bayard st..... 6 in. R 50 4½ ft. 17 ft. e. of w. line.

LEWIS STREET.

Clinton st.....Howard st..... 6 in. R 50 5 ft. 7½ ft. e. of w. curb.
 Howard st.....Angle of st..... 6 in. R 50 5 ft. 7½ ft. e. of w. curb.
 Angle of st.....William st..... 6 in. R 40 5 ft. 7½ ft. e. of w. curb.

LIBERTY AVENUE.

Kensington ave.....Shawnee ave..... 6 in. H 60 5 ft. 22 ft. e. of w. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

LIDDELL STREET.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Broadway	West Shore R. R.	6 in.	R	50	26	4½ ft. 3 ft. e. of w. curb

LILAC STREET.

Good ave.	Abbott road.	4 in.	R	65-70	28	5 ft. 21 ft. w. of w. curb.
Good ave.	Abbott road.	4 in.	R	65-70	28	5 ft. 19 ft. e. of e. curb.

LISBON AVENUE.

Main st.	Cordova ave.	6 in.	H	66	..	5 ft. In sewer trench.
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LITTLEFIELD AVENUE.

Walden ave.	Northerly	2½ in.	H	60	..	5 ft. W. sidewalk. Private.
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LITTELL AVENUE.

Bailey ave.	Archer ave.	6 in.	R	50	..	5 ft. 20 ft. n. of s. line.
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LOCKWOOD AVENUE.

Hopkins st.	South Park ave.	4 in.	R	60	28	5 ft. 16 ft. s. of s. curb.
Hopkins st.	South Park ave.	4 in.	R	60	28	5 ft. 16 ft. n. of n. curb.

BUREAU OF WATER.

711

LOCUST STREET.

Cherry st.....	Virginia st.....	6 in.	R	66	28	5 ft.	10 ft. e. of w. curb.
Virginia st.....	High st.....	6 in.	H	66	28	5 ft.	9 ft. e. of w. curb.
High st.....	E. North st.....	6 in.	H	66	28	5 ft.	4½ ft. e. of w. curb.

LOEPERE STREET.

Broadway	Walden ave.....	6 in.	R	50	28	6 ft.	7 ft. e. of w. curb.
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LOMBARD STREET.

Curtiss st.....	Broadway	6 in.	R	50	30	5 ft.	6 ft. e. of w. curb.
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LONGNECKER STREET.

William st.....	King st.....	6 in.	R	50	30	5 ft.	9 ft. e. of w. curb.
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LONGVIEW AVENUE.

Northland ave.....	300 ft. northerly.....	6 in.	H	50	..	4½ ft.	In sewer trench.
300 ft. northerly.....	Delavan ave.....	6 in.	H	50	..	4½ ft.	8 ft. w. of center of street.

LORD STREET.

Seymour st.....	N. Division st.....	6 in.	R	50	24	5 ft.	5 ft. e. of w. curb.
Eagle st.....	Clinton st.....	6 in.	R	50	24	5 ft.	8 ft. e. of w. curb.
Oneida st.....	Howard st.....	6 in.	R	50	24	5 ft.	2 ft. e. of w. curb.

LORING AVENUE.

Meech st.....	Humboldt parkway....	6 in.	H	60	28	4½ ft.	6 ft. n. of s. curb.
Humboldt parkway....	Trinidad pl.....	6 in.	H	60	30	4½ ft.	15 ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

LOUISIANA STREET.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Ohio st.	South st.	10 in.	R	66	5½ ft.	13 ft. w. of e. curb.
South st.	Mackinaw st.	10 in.	R	66	5½ ft.	2 ft. e. of e. curb.
Mackinaw st.	Elk st.	10 in.	R	66	5½ ft.	3 ft. e. of e. curb.
Elk st.	Exchange st.	10 in.	R	66	5½ ft.	16 ft. w. of e. curb.
N. Y. C. & H. R. R.	Exchange st.	4 in.	R	66	5 ft.	24 ft. w. of e. curb.
Exchange st.	Carroll st.	6 in.	R	66	5 ft.	15 ft. w. of e. curb.
Carroll st.	Seneca st.	4 in.	R	130	5 ft.	6 ft. e. of w. curb.

LOUISEN STREET.

Genesee st.	Fougeron st.	6 in.	H	..	5 ft.	8 ft. w. of center.
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LOVEJOY STREET.

Emalie st.	Sherman st.	6 in.	R	50	5 ft.	15 ft. n. of s. curb.
Sherman st.	Townsend st.	6 in.	R	50	5 ft.	10½ ft. n. of s. curb.
Townsend st.	Fillmore ave.	6 in.	R	66	5 ft.	5 ft. n. of s. curb.
Fillmore ave.	Sweet ave.	6 in.	R	66	5 ft.	3½ ft. n. of s. curb.
Sweet ave.	Curtiss st.	6 in.	R	66	5 ft.	6 ft. n. of s. curb.
Erie R. R.	Central ave.	6 in.	R	66	5 ft.	4 ft. n. of s. curb.
Central ave.	Bailey ave.	6 in.	R	66	5 ft.	8 ft. n. of s. curb.
Bailey ave.	City Line	10 in.	R	66	5½ ft.	10 ft. n. of s. curb.

LUDINGTON STREET.

Bailey ave.	Greene st.	6 in.	R	50	5 ft.	8 ft. n. of hydt. e. of Bailey ave.
Greene st.	City Line.	6 in.	R	50	5 ft.	9 ft. s. of hydt. e.

LUTHERAN STREET.

William st.....Broadway	4 in.	R	33	18	4½ ft.	4½ ft. e. of w. curb.
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LYMAN STREET.

Metcalf st.....Lewis st.....	6 in.	R	60	..	5 ft.	11 ft. n. of hyds.
Lewis st.....460 ft. easterly.....	6 in.	R	60	..	5 ft.	7½ ft. n. of hyds.

LYTH PLACE.

Purdy st.....Jefferson st.....	6 in.	H	60	28	4½ ft.	5 ft. n. of s. curb.
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MACAMLEY STREET.

Triangle st.....Angle of st.....	6 in.	R	50	26	5 ft.	6 ft. s. of n. curb.
Angle of st.....South Park ave.....	6 in.	R	50	26	5 ft.	6½ ft. n. of s. curb.

MACKINAW STREET.

Louisiana st.....Hamburg st.....	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.
Sidway st.....Fitzgerald st.....	6 in.	R	66	..	5 ft.	24 ft. s. of n. line.
Fitzgerald st.....150 ft. easterly.....	6 in.	R	66	..	5 ft.	19 ft. s. of n. line.

MADISON STREET.

Eagle st.....Clinton st.....	6 in.	R	50	28	5 ft.	9 ft. e. of w. curb.
Clinton st.....William st.....	6 in.	R	50	28	5 ft.	6 ft. w. of e. curb.
William st.....Howard st.....	36 in.	R	50	28	6 ft.	18 ft. e. of w. curb.
William st.....Peckham st.....	6 in.	R	50	28	5 ft.	7 ft. w. of e. curb.
Peckham st.....Brown st.....	6 in.	R	50	26	5 ft.	8 ft. w. of e. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON
WHAT SYSTEM.—EAST SIDE.—Continued.

MAIN STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Ohio st.	Prime st.	6 in.	R	99	60	5 ft.	36½ ft. w. of e. curb.
Prime st.	Quay st.	10 in.	R	99	58	5 ft.	26½ ft. w. of e. curb.
Quay st.	Lower Terrace.	6 in.	R	99	58	5 ft.	28 ft. w. of e. curb.
100 ft. southerly.	Exchange st.	6 in.	R	99	58	5 ft.	29 ft. w. of e. curb.
Exchange st.	Tupper st.	12 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Tupper st.	Goodell st.	12 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Goodell st.	Allen st.	16 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Allen st.	East North st.	20 in.	H	99	58	5½ ft.	12½ ft. w. of e. curb.
High st.	East North st.	12 in.	H	99	58	5½ ft.	4 ft. w. of e. curb.
East North st.	East Ferry st.	20 in.	H	99	50	5½ ft.	11½ ft. w. of e. curb.
East Ferry st.	Michigan st.	16 in.	H	99	50	5½ ft.	4 ft. w. of e. curb.
Michigan st.	Delavan ave.	16 in.	H	99	50	5 ft.	2 ft. e. of e. curb.
Delavan ave.	Sciaquaaha Creek	36 in.	H	99	50	7 ft.	6 ft. w. of w. curb.
Sciaquaaha Creek	Delavan ave.	36 in.	H	99	50	5 ft.	9 ft. e. of w. curb.
Delavan ave.	Amherst st.	16 in.	H	99	50	5 ft.	5½ ft. e. of e. curb.
East Ferry st.	Lafayette ave.	4 in.	H	99	50	4½ ft.	13 ft. w. of w. curb.
200 ft. s. of Delavan ave.	Delavan ave.	4 in.	H	99	50	4½ ft.	12 ft. w. of w. curb.
Humboldt parkway.	500 ft. n. of Oakwood pl.	4 in.	H	99	50	5 ft.	20 ft. w. of w. curb.
Vernon st.	167 ft. southerly.	4 in.	H	99	50	5 ft.	13 ft. w. of w. curb.
167 ft. southerly.	Fairfield ave.	6 in.	H	99	50	5 ft.	11 ft. w. of w. curb.
Greenfield st.	150 ft. southerly.	4 in.	H	99	50	5 ft.	20 ft. w. of w. curb.
Amherst st.	Morris ave.	4 in.	H	99	40	5 ft.	10 ft. w. of w. curb.
Morris ave.	Hertel ave.	4 in.	H	99	40	5 ft.	20 ft. w. of w. curb.
Amherst st.	Lasalle st.	16 in.	H	99	40	5½ ft.	6 ft. e. of e. curb.
Lasalle st.	Sutton Lane.	16 in.	H	99	40	5½ ft.	12 ft. e. of e. curb.
Sutton Lane.	Erie Co. Hospital.	16 in.	H	99	40	5 ft.	4 ft. e. of e. curb.
Erie Co. Hospital.	City Line.	16 in.	H	99	40	5½ ft.	13 ft. w. of w. curb.
Merrimac st.	175 ft. n. of Heath st.	6 in.	H	99	40	5 ft.	3 ft. w. of w. curb.

MANHATTAN AVENUE.

Leroy ave.....Shawnee ave..... 6 in. H 60 .. 5 ft. 8 ft. w. of center of street.

MANITOBA STREET.

Gilbert ave.....130 ft. e. of Baitz ave.. 6 in. R. 50 .. 5 ft. 17 ft. n. of s. line.

MAPLE STREET.

Cherry st.....Virginia st..... 6 in. R 66 28 4½ ft. 6½ ft. w. of e. curb.
 Virginia st.....Carlton st..... 6 in. R 66 28 4½ ft. 8 ft. w. of e. curb.
 Carlton st.....High st..... 6 in. H 66 28 4½ ft. 15 ft. w. of e. curb.
 High st.....North st..... 6 in. H 66 28 4½ ft. 5½ ft. w. of e. curb.

MARGARET STREET.

Curtiss st.....Peckham st..... 36 in. R 50 .. 5 ft. 19 ft. e. of w. line.
 Peckham st.....Margaret st..... 6 in. R 50 .. 5 ft. 19 ft. e. of w. line.
 Peckham st.....Robert st..... 6 in. R 50 .. 6½ ft. 14 ft. n. of s. line.

MARIE MONT AVENUE.

South Park ave.....1,175 ft. easterly..... 6 in. R 60 ... 5 ft. 23 ft. n. of s. line.

MARIGOLD STREET.

Leroy ave.....500 ft. n. of Shawnee st. 6 in. H 60 .. 5 ft. In sewer trench center of street.

MARILLA STREET.

Hopkins st.....300 ft. w. of S. Park av. 16 in. R 49½ 26 5½ ft. 6 ft. n. of n. curb.
 300 ft. w. of S. Park av. South Park ave..... 16 in. R 50 26 5½ ft. 7½ ft. s. of n. curb.
 72 ft. w. of Zollars ave. 600 ft. easterly..... 6 in. R 50 26 5 ft. 3½ ft. s. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

MARK STREET.		Size.	System.	Street Paving Width.	Depth of Main.	Location.
From	To					
William st.	Gay st.	4 in.	R	20	4½ ft.	6½ ft. e. of w. curb.
MARSHALL STREET.						
Genesee st.	Northampton st.	6 in.	H	26	5 ft.	3½ ft. e. of w. curb.
MARVIN STREET.						
Elk st.	Perry st.	6 in.	R	32	5 ft.	8½ ft. w. of e. curb.
MASTEN STREET.						
Best st.	350 ft. southerly.	6 in.	H	66	5 ft.	9 ft. w. of w. curb.
Best st.	Dodge st.	6 in.	H	66	5 ft.	3 ft. w. of w. curb.
Best st.	Reservoir Vault.	36 in.	R	66	6½ ft.	2 ft. w. of e. curb.
Reservoir Vault.	Dodge st.	36 in.	H	66	6½ ft.	3 ft. w. of e. curb.
Dodge st.	East Utica st.	36 in.	H	66	6½ ft.	3 ft. w. of e. curb.
Dodge st.	Northland ave.	6 in.	H	66	5 ft.	5½ ft. e. of w. curb.
Northland ave.	Main st.	6 in.	H	66	5 ft.	3 ft. e. of e. curb.
MATHEWS ALLEY.						
Mortimer st.	Jefferson st.	4 in.	R	20	14	7½ ft. n. of s. curb.

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MAURICE STREET.

Prenatt st.....	Elk st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
Elk st.....	Seneca st.....	6 in.	R	50	28	5 ft.	8½ ft. e. of w. curb.

MAY STREET.

West Shore ave.....	Walden ave.....	6 in.	H	50	..	5 ft.	15 ft. e. of w. line.
Walden ave.....	Rohe st.....	6 in.	H	50	26	5 ft.	4½ ft. e. of w. curb.
Doat st.....	Genesee st.....	6 in.	H	50	..	5 ft.	18 ft. e. of w. line.

McKINLEY STREET.

Former McKinley st...	Babcock st. Scoville st..	6 in.	R	50	..	5 ft.	20 ft. n. of s. line.
Scoville st.....	143 ft. e. of Kirkover st.	6 in.	R	50	..	5 ft.	20 ft. n. of s. line.

MEECH STREET.

Delavan ave.....	Hedley st.....	6 in.	H	60	..	5 ft.	In sewer trench center of street.
Hedley st.....	Joring ave.....	6 in.	H	60	..	5 ft.	5 ft. e. of center.

MELROSE STREET.

Abbott road.....	400 ft. northerly.....	6 in.	R	60	..	5 ft.	21 ft. e. of w. line.
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MELVIN PLACE.

Buffalo River.....	Elk st.....	6 in.	R	30	..	5 ft.	14 ft. e. of w. line.
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MESMER AVENUE.

South Park ave.....	South Side parkway.....	6 in.	R	60	..	5 ft.	22 ft. s. of n. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

METCALFE STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Clinton st.	150 ft. northerly	6 in.	R	50	28	5 ft.	1 ft. w. of e. curb.
150 ft. northerly	Howard st.	6 in.	R	50	28	5 ft.	8½ ft. e. of w. curb.
Howard st.	William st.	6 in.	R	50	28	5 ft.	5 ft. e. of w. curb.
Howard st.	William st.	36 in.	R	50	28	6 ft.	9 ft. w. of e. curb.
MIAMI STREET.							
Ohio st.	Chicago st.	16 in.	R	66	..	5½ ft.	33 ft. s. of n. line.
Chicago st.	300 ft. easterly	6 in.	R	66	..	4½ ft.	26 ft. s. of n. line.
Louisiana st.	Hamburg st.	6 in.	R	66	30	5 ft.	1 ft. s. of n. curb.

MICHIGAN STREET.

Ohio st.	Exchange st.	10 in.	R	66	42	5½ ft.	15 ft. e. of w. curb.
Exchange st.	Carroll st.	10 in.	R	129	30	5½ ft.	8½ ft. e. of e. curb.
Exchange st.	Carroll st.	4 in.	R	129	30	4½ ft.	4 ft. w. of w. curb.
Carroll st.	Swan st.	10 in.	R	66	42	5½ ft.	14½ ft. e. of w. curb.
Swan st.	Broadway	10 in.	R	66	42	5½ ft.	14 ft. w. of e. curb.
Broadway	Genesee st.	10 in.	R	66	42	5½ ft.	14½ ft. w. of e. curb.
Genesee st.	Goodell st.	12 in.	R	66	42	5½ ft.	12 ft. e. of w. curb.
120 ft. n. of Goodell st.	High st.	6 in.	H	66	30	5 ft.	10 ft. w. of e. curb.
High st.	North st.	10 in.	H	66	30	5½ ft.	19 ft. w. of e. curb.
North st.	Best st.	10 in.	H	66	30	5½ ft.	11½ ft. e. of w. curb.
Best st.	Riley st.	6 in.	H	66	28	5 ft.	3 ft. e. of w. curb.
Kiley st.	Glenwood ave.	6 in.	H	66	28	5 ft.	5 ft. e. of w. curb.
Glenwood ave.	Perry st.	6 in.	H	66	28	5 ft.	3½ ft. e. of w. curb.
Perry st.	Main st.	6 in.	H	66	28	5 ft.	5 ft. e. of w. curb.

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MILBURN STREET.

N. Y. C. R. R.....Broadway	6 in.	R	60	28	5 ft.	4½ ft. e. of w. curb.
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MILFORD STREET.

Abbott road.....Cumberland ave.....	6 in.	R	60	26	5 ft.	4½ ft. e. of w. curb.
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MILLER AVENUE.

Broadway	6 in.	R	50	28	5 ft.	6½ ft. e. of w. curb.
Sycamore st.....Walden ave.....	20 in.	R	50	28	5½ ft.	12 ft. w. of e. curb.

MILLS STREET.

Broadway	6 in.	R	50	26	5 ft.	5 ft. e. of w. curb.
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MILNOR STREET.

William st.....Broadway	6 in.	R	50	24	5 ft.	7 ft. e. of w. curb.
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MILTON STREET.

Lehigh Valley R. R.....Seneca st.....	4 in.	R	60	..	4½ ft.	10 ft. e. of w. line.
Seneca st.....Pennsylvania R. R....	6 in.	R	60	..	4½ ft.	21½ ft. e. of w. line.

MINERAL SPRING ROAD.

Seneca st.....Graham ave.....	12 in.	R	66	30	5½ ft.	4¾ ft. s. of n. curb.
Graham ave.....City Line.....	6 in.	R	66	30	5 ft.	6 ft. s. of n. curb.
City Line .....Lthn Evan. Orph. Hm.	4 in.	R	66	..	5 ft.	5 ft. s. of n. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

		MINTON STREET.		Size.	System.	Street		Depth of Main.	Location.
From	To					Width.	Paving Width.		
Smith st.	Selkirk st.	6 in.	R	60	26	5 ft.	6 ft. s. of n. curb.		
MISSISSIPPI STREET.									
Ohio st.	Elk st.	4 in.	R	60	36	5½ ft.	7 ft. w. of e. curb.		
Elk st.	Perry st.	10 in.	R	60	36	5½ ft.	7 ft. w. of e. curb.		
Perry st.	Scott st.	6 in.	R	60	30	5 ft.	6½ ft. w. of e. curb.		
MOELLER STREET.									
Bailey ave.	Warring ave.	6 in.	H	50	..	5 ft.	21 ft. n. of s. line.		
MOHAWK STREET.									
Main st.	Washington st.	6 in.	R	66	42	5 ft.	15 ft. n. of s. curb.		
Washington st.	Ellicott st.	6 in.	R	66	42	5 ft.	15 ft. s. of n. curb.		
MOHR AVENUE.									
Grimes st.	Broadway	6 in.	R	60	28	5 ft.	5 ft. e. of w. curb.		
MONROE STREET.									
Eagle st.	Broadway	6 in.	R	50	28	4½ ft.	7 ft. e. of w. curb.		
Broadway	Brown st.	6 in.	R	50	26	4½ ft.	6 ft. e. of w. curb.		
Brown st.	Genesee st.	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.		

MONTANA AVENUE.

Genesee st.....	Ferry st.....	16 in.	H	50	30	5½ ft.	6½ ft. e. of w. curb.
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MONTCLAIR AVENUE.

Leroy ave.....	1,200 ft to end of st....	6 in.	R	60	..	5 ft.	In sewer trench center of street.
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MONTGOMERY STREET.

Eagle st.....	Oneida st.....	6 in.	R	50	28	5 ft.	8 ft. e. of w. curb.
Pink st.....	Howard st.....	6 in.	R	50	..	5 ft.	20 ft. e. of w. line.

MONTICELLO PLACE.

Shelburne pl.....	Trinidad pl.....	6 in.	H	50	30	5 ft.	15 ft. n. of s. curb.
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MOORE STREET.

Elk st.....	N. Y. L. & W. R. R.	2 in.	R	60	37	4 ft.	2 ft. e. of e. curb.
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MORELAND AVENUE.

Bailey ave.....	Greene st.....	6 in.	R	50	..	5 ft.	18 ft. n. of s. line.
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MORLEY PLACE.

Ferry st.....	287 ft. n. to end of st..	4 in.	H	38	20	5 ft.	4½ ft. e. of w. curb.
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MORTIMER STREET.

William st.....	495 ft. n. of Peckham st.	6 in.	R	50	28	4 ft.	7 ft. e. of w. curb.
Broadway	Genesee st.....	6 in.	R	50	28	3 ft.	7½ ft. e. of w. curb.
Genesee st.....	Cherry st.....	6 in.	R	50	28	4 ft.	8½ ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

MORTON PLACE.						
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.
Goodell st.....	Virginia st.....	4 in.	H	24	14	4½ ft.
MOSELLE STREET.						
Walden ave.....	Ferry st.....	16 in.	H	66	30	5½ ft.
Ferry st.....	Delavan ave.....	16 in.	H	60	..	5½ ft.
MULBERRY STREET.						
Goodell st.....	Virginia st.....	6 in.	R	66	30	5 ft.
Virginia st.....	Carlton st.....	6 in.	H	66	30	5 ft.
Carlton st.....	High st.....	6 in.	H	66	30	5 ft.
High st.....	North st.....	6 in.	H	66	30	5 ft.
MUMFORD STREET.						
Abbott road.....	Cumberland ave.....	6 in.	R	60	..	5 ft.
MYERS STREET.						
Genesee st.....	Best st.....	6 in.	H	40	24	5 ft.
MYRTLE AVENUE.						
Michigan st.....	Chicago st.....	6 in.	R	40	24	5 ft.
Chicago st.....	South Cedar st.....	4 in.	R	40	24	5 ft.
South Cedar st.....	Spring st.....	6 in.	R	40	20	4½ ft.
Spring st.....	Jefferson st.....	6 in.	R	40	22	4½ ft.
Location.						
						3½ ft. e. of w. curb.
						6½ ft. e. of w. curb.
						21 ft. e. of w. line.
						8 ft. e. of w. curb.
						8 ft. e. of w. curb.
						5½ ft. e. of w. curb.
						9 ft. e. of w. curb.
						21 ft. e. of w. line.
						8 ft. e. of w. curb.
						8 ft. n. of s. curb.
						7½ ft. n. of s. curb.
						6 ft. n. of s. curb.
						4½ ft. n. of s. curb.

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MYSTIC STREET.

Hopkins st.....	Abby st.....	6 in.	R	60	28	5 ft.	7	ft. n. of s. curb.
Abby st.....	Buffalo, Rochester R. R.	6 in.	R	60	..	5 ft.	22	ft. n. of s. line.

NAVAL AVENUE.

Bailey ave.....	Texas st.....	6 in.	H	60	..	5 ft.	17	ft. n. of s. line.
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NEPTUNE ALLEY.

Carlton st.....	High st.....	4 in.	H	30	20	4½ ft.	6	ft. w. of e. curb.
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NEVADA AVENUE.

Genesee st.....	Ferry st.....	6 in.	H	50	30	5 ft.	8	ft. e. of w. curb.
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NEWELL STREET.

Howard st.....	William st.....	6 in.	R	41	..	5 ft.	17	ft. e. of w. line.
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NEWMAN PLACE.

Wildwood ave.....	200 ft. westerly....	6 in.	R	60	..	5 ft.	15½	ft. s. of hyd't
Séneca st.....	220 ft. southerly.....	1½ in.	R	..	..	...		N. W. C.
								Center of street.

NEW SOUTH OGDEN STREET.

Dingens st.....	William st.....	12 in.	R	50	..	5½ ft.	22	ft. w. of e. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

NEWTON STREET.						
From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Robert st.....	Curties st.....	6 in.	R	50 26	5 ft.	4 ft. n. of s. curb.
NICHOLS PLACE.						
Seneca st.....	200 ft. northerly.....	4 in.	R	27 18	4½ ft.	2½ ft. e. of w. curb.
NORFOLK AVENUE.						
East Delavan ave.....	Erie R. R.....	6 in.	H	66 ..	5 ft.	17 ft. e. of w. line.
NORMAN AVENUE.						
Seneca st.....	End of st.....	4 in.	R	50 28	5 ft.	14 ft. e. of w. curb.
NORTH STREET.						
Main st.....	Elm st.....	48 in.	R	50 28	6½ ft.	13½ ft. n. of s. curb.
Main st.....	Elm st.....	6 in.	H	50 28	5 ft.	4½ ft. n. of s. curb.
Elm st.....	Locust st.....	6 in.	H	66 30	5 ft.	6½ ft. n. of s. curb.
Locust st.....	Jefferson st.....	6 in.	H	66 30	5 ft.	8½ ft. n. of s. curb.
Rose st.....	Jefferson st.....	20 in.	H	66 30	5½ ft.	20 ft. n. of s. curb.
Durrenberger pl.....	Herman st.....	6 in.	H	50 28	5 ft.	8 ft. n. of s. curb.
Durrenberger pl.....	Sherman st.....	36 in.	R	50 28	6 ft.	14 ft. n. of s. curb.

NORTHAMPTON STREET.

Main st.....	Jefferson st.....	6 in.	H	60	28	5 ft.	5 ft. n. of s. curb.
Jefferson st.....	Fillmore ave.....	10 in.	H	60	28	5½ ft.	9 ft. n. of s. curb.
Fillmore ave.....	Kehr st.....	10 in.	H	60	32	5½ ft.	8 ft. n. of s. curb.
Kehr st.....	N. Y. C. R. R.....	10 in.	H	60	32	5½ ft.	7 ft. n. of s. curb.

NORTH CENTRAL AVENUE.

Broadway	580 ft. southerly.....	6 in.	R	50	24	5 ft.	4 ft. e. of w. curb.
580 ft. s. of Broadway..	N. Y. C. R. R.....	4 in.	R	50	24	4½ ft.	3 ft. w. of w. curb.
580 ft. s. of Broadway..	N. Y. C. R. R.....	2 in.	R	50	24	4 ft.	West sidewalk.
580 ft. s. of Broadway..	N. Y. C. R. R.....	2 in.	R	50	24	4 ft.	East sidewalk.

NORTH DIVISION STREET.

Main st.....	Ellicott st.....	16 in.	R	60	36	5½ ft.	8 ft. n. of s. curb.
Ellicott st.....	Spring st.....	16 in.	R	60	32	5½ ft.	9 ft. n. of s. curb.
Spring st.....	Jefferson st.....	16 in.	R	60	28	5½ ft.	9½ ft. n. of s. curb.
Jefferson st.....	N. Y. C. & H. R. R.....	6 in.	R	60	28	5 ft.	8 ft. s. of n. curb.
N. Y. C. & H. R. R.....	Emslie st.....	6 in.	R	60	28	5 ft.	8½ ft. n. of s. curb.
Emslie st.....	Lord st.....	6 in.	R	60	28	5 ft.	7 ft. n. of s. curb.

NORTHLAND AVENUE.

Main st.....	Jefferson st.....	6 in.	H	66	30	5 ft.	6½ ft. n. of s. curb.
Jefferson st.....	Fillmore ave.....	16 in.	H	66	30	5½ ft.	5 ft. n. of s. curb.
Fillmore ave.....	Moselle st.....	16 in.	H	66	30	5½ ft.	14 ft. n. of s. curb.
N. Y. L. & W. R. R.....	Bailey st.....	16 in.	H	66	30	5½ ft.	26 ft. n. of s. curb.

NORTH OGDEN STREET.

William st.....	Broadway	10 in.	R	80-100	40	5½ ft.	8½ ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

NORTH PARADE AVENUE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Northampton st.....	250 ft. southerly.....	6 in.	H	50	28	4½ ft.	3½ ft. e. of e. curb.
250 ft. southerly.....	Fillmore ave.....	6 in.	H	50	28	4½ ft.	4 ft. n. of n. curb.
Fillmore ave.....	East Parade ave.....	4 in.	H	99	30	4½ ft.	1 ft. n. of n. curb.

NORTH PINE STREET.

Sycamore st.....	350 ft. northerly.....	4 in.	R	15-20	15	4½ ft.	5 ft. e. of w. line.
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NORTHUMBERLAND AVENUE.

Delavan ave.....	1,000 ft. northerly.....	6 in.	H	66	..	5 ft.	30 ft. e. of w. line.
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OAK STREET.

Swan st.....	Broadway	10 in.	R	66	38	5½ ft.	13 ft. e. of w. curb.
Clinton st.....	Broadway	6 in.	R	66	38	5 ft.	14½ ft. w. of e. curb.
Broadway	Huron st.....	12 in.	R	66	38	5½ ft.	12 ft. e. of w. curb.
Huron st.....	Genesee st.....	12 in.	R	66	38	5½ ft.	8½ ft. w. of e. curb.
Genesee st.....	Tupper st.....	12 in.	R	66	30	5½ ft.	5 ft. e. of e. curb.
Genesee st.....	Tupper st.....	4 in.	R	66	30	5 ft.	3 ft. w. of w. curb.
Tupper st.....	Goodell st.....	6 in.	R	66	28	5 ft.	4½ ft. e. of e. curb.
Goodell st.....	Virginia st.....	4 in.	H	66	28	5 ft.	6½ ft. e. of w. curb.
Virginia st.....	Carlton st.....	6 in.	R	66	28	5 ft.	6 ft. e. of w. curb.
Carlton st.....	High st.....	6 in.	H	66	28	5 ft.	4½ ft. e. of w. curb.

OAKDALE PLACE.

Seneca st. w. s.	2 in.	R	50	26	4 ft.	2 ft. w. of w. curb.
Seneca st. e. s.	2 in.	R	50	26	4 ft.	2 ft. e. of e. curb.

OAK GROVE AVENUE.

East Delavan ave.	6 in.	H	60	28	5 ft.	4 ft. e. of w. curb.
300 ft. northerly.....	6 in.	H	60	28	5 ft.	2 ft. e. of w. curb.

OAKWOOD PLACE.

Main st.	6 in.	H	66	24	5 ft.	2 ft. n. of s. curb.
Angle of st.	6 in.	H	66	24	5 ft.	8 ft. n. of s. curb.

OBERLIN STREET.

West Shore R. R.	6 in.	R	55	..	5 ft.	17 ft. e. of w. line|
Sycamore st.	6 in.	R	55	..	5 ft.	20 ft. e. of w. line.

O'CONNELL AVENUE.

Louisiana st.	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.
Kentucky st.	6 in.	R	66	30	5 ft.	3 ft. n. of s. curb.
Tennessee st.	6 in.	R	66	30	5 ft.	1/2 ft. s. of s. curb.
Hamburg st.	6 in.	R	66	30	5 ft.	On s. curb line.
Katherine st.	6 in.	R	66	30	5 ft.	1 1/2 ft. s. of s. curb.

This pipe at Hamburg st. is 2 ft. s. of s. curb at Sidways'. 5 ft. n. of s curb Katherine st. 2 ft. s. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

OHIO STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Main st.	Elk st.	6 in.	R	66	42	5 ft.	7 ft. s. of n. curb.
Mississippi st.	For. Clark & Skinner C'l.	6 in.	R	66	38	5 ft.	12 ft. n. of s. curb.
For. Clark & Skinner C'l.	Michigan st.	6 in.	R	66	38	5 ft.	20 ft. s. of n. curb.
Columbia st.	Miami st.	16 in.	R	66	38	5½ ft.	3 ft. s. of n. curb.
Michigan st.	Miami st.	6 in.	R	66	38	5 ft.	15 ft. s. of n. curb.
Miami st.	Chicago st.	6 in.	R	66	38	5 ft.	15 ft. w. of e. curb.
Chicago st.	Dead Creek.	6 in.	R	66	42	5 ft.	13 ft. w. of e. curb.
South st.	Louisiana st.	4 in.	R	66	32	5 ft.	3 ft. e. of e. curb.
South st.	Louisiana st.	12 in.	R	66	32	5½ ft.	6½ ft. w. of e. curb.
Louisiana st.	Hamburg Turnpike.	24 in.	R	Tunnel 78 ft. under Buffalo River.			

OKELL STREET.

South Park ave.	480 ft. westerly.	6 in.	R	66	..	5 ft.	22 ft. n. of s. line.
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OLCOTT PLACE.

South Park ave.	South Side parkway.	6 in.	R	55-60	..	5 ft.	22 ft. n. of s. line.
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OLGA PLACE.

Clare st.	Fillmore ave.	4 in.	R	42	18	4½ ft.	6 ft. s. of n. curb.
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OLSEN STREET.

Clinton st.	300 ft. northerly.	6 in.	R	50	..	5 ft.	25 ft. e. of w. line.
300 ft. northerly.	End of st.	6 in.	R	50	..	5 ft.	20 ft. e. of w. line.

ONEIDA STREET.

Emalie st.....	Smith st.....	6 in.	R	66	30	5 ft.	6½ ft. n. of s. curb.
Smith st.....	Fillmore ave.....	6 in.	R	66	30	5 ft.	3 ft. n. of s. curb.

ORANGE STREET.

Cherry st.....	Virginia st.....	6 in.	R	66	30	4½ ft.	6½ ft. e. of w. curb.
Virginia st.....	High st.....	6 in.	H	66	30	5 ft.	13 ft. e. of w. curb.
High st.....	East North st.....	6 in.	H	66	30	5 ft.	6 ft. e. of w. curb.

ORLANDO STREET.

Seneca st.....	Elk st.....	6 in.	R	50	28	5 ft.	5½ ft. e. of w. curb.
Elk st.....	490 ft. southerly.....	4 in.	R	50	..	5 ft.	17 ft. e. of w. line.

OTTO STREET.

Ferry st. w. s.....	355 ft. southerly.....	4 in.	H	50	26	4½ ft.	9 ft. w. of w. curb.
Ferry st. e. s.....	355 ft. southerly.....	4 in.	H	50	26	4½ ft.	9 ft. e. of e. curb.

OTTO PLACE.

Hayward st.....	Alabama st.....	6 in.	R	50	..	5 ft.	16 ft. n. of s. line.
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OWAHN PLACE.

Abbott road.....	Prenatt st.....	6 in.	R	40	..	5 ft.	12 ft. e. of w. line.
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PALOS PLACE.

Kensington ave.....	437 ft. southerly.....	6 in.	H	60	..	5 ft.	In sewer trench.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

PARKVIEW AVENUE.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Duerstein st.....	Indian Church road.....	6 in.	R	50	26	5 ft.	3 ft. n. of s. curb.
Indian Church road.....	Zittle st.....	6 in.	R	50	26	5 ft.	4 ft. n. of s. curb.

PARADE CIRCLE.

Walden ave.....	Genesee st.....	10 in.	H	99	33	5 ft.	5 ft. e. of e. curb.
Genesee st.....	East Parade ave.....	10 in.	H	99	30	5 ft.	15 ft. e. of e. curb.

PARKRIDGE AVENUE.

Kensington ave.....	640 ft. northerly.....	6 in.	H	60	..	5 ft.	In sewer trench.
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PAULINE STREET.

Kensington ave.....	Geal st.....	6 in.	H	60	..	5 ft.	In sewer trench.
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PAYSON STREET.

Abbott road.....	500 ft. northerly.....	6 in.	R	60	..	5 ft.	22 ft. w. of e. line.
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PEABODY STREET.

Elk st.....	Seneca st.....	6 in.	R	50	28	5 ft.	5 ft. e. of w. curb.
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PEACH STREET.

Cherry st.....	Virginia st.....	6 in.	R	66	28	5 ft.	7½ ft. e. of w. curb.
Virginia st.....	High st.....	6 in.	H	66	28	5 ft.	8 ft. e. of w. curb.
High st.....	North st.....	6 in.	H	66	28	5 ft.	24 ft. e. of w. curb.
North st.....	Best st.....	6 in.	H	50	26	5 ft.	4 ft. e. of w. curb.

PECK AVENUE.

Ashley st.....	Broadway	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
Grimes st.....	Ashley st.....	6 in.	R	50	..	5 ft.	8 ft. w. of center of street.

PECKHAM STREET.

Jefferson st.....	Watson st.....	36 in.	R	50	26	6 ft.	19 ft. n. of s. curb.
Watson st.....	Emslie st.....	36 in.	R	50	26	6 ft.	8½ ft. n. of s. curb.
Emslie st.....	Fillmore ave.....	36 in.	R	50	28	6 ft.	8 ft. n. of s. curb.
Fillmore ave.....	Sears st.....	36 in.	R	50	28	6 ft.	6 ft. n. of s. curb.
Sears st.....	Margaret st.....	36 in.	R	50	..	6 ft.	18 ft. n. of s. line.
Jefferson st.....	Watson st.....	6 in.	R	50	26	5 ft.	6½ ft. n. of s. curb.
Watson st.....	Emslie st.....	6 in.	R	50	26	5 ft.	18 ft. n. of s. curb.
Emslie st.....	Fillmore ave.....	6 in.	R	50	28	5 ft.	19 ft. n. of s. curb.
Fillmore ave.....	Sears st.....	6 in.	R	50	28	5 ft.	21½ ft. n. of s. curb.

36 in. main crosses street at Watson street from north side of street to south side of street.

PEMBINA STREET.

Germania st.....	Hopkins st.....	6 in.	R	50	..	5 ft.	22 ft. s. of n. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

PERRY STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Main st.	Mississippi	6 in.	R	66	42	5 ft.	17½ ft. n. of s. curb.
Mississippi st.	Liberty st.	10 in.	R	66	42	5½ ft.	3 ft. n. of n. curb.
Liberty st.	Columbia st.	10 in.	R	66	42	5½ ft.	4 ft. s. of n. curb.
Columbia st.	Michigan st.	10 in.	R	66	42	5½ ft.	7 ft. s. of n. curb.
East Market st.	Chicago st.	6 in.	R	66	42	5 ft.	8 ft. n. of s. curb.
	No 6 in. pipe over Ohio Basin Slip.						
Chicago st.	Ohio Basin Slip.	6 in.	R	66	42	5 ft.	16 ft. n. of s. curb.
Chicago st.	Louisiana st.	10 in.	R	66	42	5 ft.	5 ft. n. of n. curb.
East of Ohio Basin Slip.	Louisiana st.	6 in.	R	66	42	5 ft.	13 ft. n. of s. curb.
Louisiana st.	Hamburg st.	6 in.	R	66	40	5 ft.	13½ ft. n. of s. curb.
Hamburg st.	Red Jacket st.	6 in.	R	66	42	5 ft.	13½ ft. n. of s. curb.
Red Jacket st.	L. S. & M. S. R.	6 in.	R	66	42	5 ft.	9 ft. s. of n. curb.
L. S. & M. S. R.	200 ft. easterly	6 in.	R	66	42	5 ft.	8 ft. s. of n. curb.
700ft e of Van Rensselaer.	Van Rensselaer st.	12 in.	R	66	42	5½ ft.	12 ft. s. of n. curb.
Van Rensselaer st.	Erie R. R.	12 in.	R	66	32	5½ ft.	7 ft. s. of n. curb.
Erie R. R.	Smith st.	12 in.	R	66	32	5½ ft.	8 ft. n. of n. curb.
Smith st.	Babcock st.	10 in.	R	66	..	5½ ft.	24 ft. s. of n. line.
Gorham st.	100 ft. e. of Bradford st.	6 in.	R	66	..	5 ft.	21 ft. n. of s. line.

PERSON STREET.

New York Central R. R. Broadway	6 in.	R	60	28	5 ft.	6 ft. e. of w. curb.
Broadway	West Shore R. R.	6 in.	R	50	28	4½ ft. e. of w. curb.
Fillmore ave.	Mills st.	6 in.	R	49½	26	4½ ft.
						4½ ft. n. of s. curb.

PETERSON STREET.

PERSIA STREET.

Doat st.....480 ft. northerly..... 6 in. H 50 .. 5 ft. 17 ft. e. of w. line.

PHELPS STREET.

Halbert st.....Fillmore ave..... 6 in. H 60 .. 4½ ft. 28 ft. n. of s. line.

PINE STREET.

Swan st.....North Division st..... 16 in. R 66 36 5½ ft. 5½ ft. e. of w. curb.
 North Division st.....East Eagle st..... 10 in. R 66 36 5½ ft. 6½ ft. e. of w. curb.
 East Eagle st.....Clinton st..... 6 in. R 66 36 5 ft. 13 ft. e. of w. curb.
 Clinton st.....William st..... 6 in. R 66 34 5 ft. 8 ft. w. of e. curb.
 William st.....Broadway 10 in. R 66 34 5½ ft. 9 ft. e. of w. curb.
 BroadwaySycamore st..... 10 in. R 66 32 5½ ft. 9 ft. e. of w. curb.

PINK STREET.

Lord st.....Montgomery st..... 6 in. R 33 18 4½ ft. 3½ ft. n. of s. curb.

PIXLEY AVENUE.

Zollars ave.....South Park ave. s. s.... 6 in. R 66 30 5 ft. 4½ ft. s. of s. curb.
 Zollars ave.....South Park ave. n. s.... 4 in. R 66 30 5 ft. 3 ft. n. of n. curb.

PLAYTER STREET.

Lovejoy st.....Broadway 6 in. R 45 28 5 ft. 8 ft. e. of w. curb.

PLEASANT PLACE.

Florida st.....East Delavan ave..... 6 in. H 50 .. 5 ft. 23 ft. e. of w. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

POMEROY AVENUE.		Size.	System.	Street Paving Width.	Depth of Main.	Location.
From	To					
Kensington ave.....	530 ft. northerly.....	6 in.	H	60	5 ft.	8 ft. w. of center of st.
POMONA PLACE.						
Seneca st.....	Buffalo River.....	6 in.	R	50	5 ft.	5 ft. e. of w. curb.
POPLAR AVENUE.						
Walden ave.....	Doat st.....	6 in.	H	60	5 ft.	40 ft. w. of e. line.
PORTAGE STREET.						
East Utica st.....	Glenwood ave.....	6 in.	H	60	5 ft.	4½ ft. e. of w. curb.
POTTER STREET.						
William st.....	Broadway	6 in.	R	66	5 ft.	3½ ft. w. of w. curb.
PRATT STREET.						
Eagle st.....	Clinton st.....	6 in.	R	66	5 ft.	6 ft. e. of w. curb.
Clinton st.....	William st.....	6 in.	R	66	5 ft.	3½ ft. w. of e. curb.
Clinton st.....	William st.....	6 in.	R	66	5 ft.	10 ft. e. of w. curb.
William st.....	Genesee st.....	6 in.	R	66	5 ft.	8 ft. e. of w. curb.
Broadway	Sycamore st.....	36 in.	R	66	6 ft.	8 ft. w. of e. curb.

PRENATT STREET.

Euclid pl.....	Smith st.....	6 in.	R	40	26	5 ft.	3 ft. s. of n. curb.
Smith st.....	132 ft. e. of Owahn pl..	6 in.	R	66	28	5 ft.	5 ft. n. of s. curb.
Lee st.....	Maurice st.....	6 in.	R	66	..	5 ft.	6 ft. s. of hydt.

PRIES AVENUE.

Ulmer st.....	Triangle st.....	6 in.	R	60	..	5 ft.	21 ft. n. of s. line.
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PRINCETON PLACE.

Buffalo River.....	Seneca st.....	6 in.	R	40	..	5 ft.	18 ft. e. of w. line.
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PULASKI STREET.

Clinton st.....	Griswold st.....	6 in.	R	60	..	5 ft.	19 ft. e. of w. line.
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PURDY STREET.

Laurel st.....	Utica st.....	6 in.	H	45	..	5 ft.	18 ft. e. of w. line.
East Utica st.....	Glenwood ave.....	6 in.	H	45	24	5 ft.	3 ft. w. of w. curb.
Glenwood ave.....	Northland ave.....	6 in.	H	45	24	5 ft.	4½ ft. e. of w. curb.

QUEEN STREET.

North Ogden st.....	Goethe st.....	10 in.	R	50	..	5 ft.	North sidewalk.
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QUINCY STREET.

Grimes st.....	Broadway	6 in.	R	54	..	5 ft.	19 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

RAILROAD AVENUE.							
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Red Jacket st.....	Larkin st.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
RALPH ALLEY.							
Burton st.....	Virginia st.....	4 in.	H	20	14	4½ ft.	3½ ft. w. of e. curb.
RANDALL STREET.							
Superior st.....	William st.....	6 in.	R	50	28	5 ft.	8½ ft. e. of w. curb.
RANDLE AVENUE.							
Hemenway st.....	Genesee st.....	6 in.	H	60	..	5 ft.	8 ft. w. of center of street.
RAPIN PLACE.							
Walden ave.....	Rohe st.....	6 in.	H	50	..	4½ ft.	17 ft. e. of w. line.
Doat st.....	Genesee st.....	6 in.	H	50	..	5 ft.	20 ft. e. of w. line.
RAWLINS STREET.							
Doat st.....	Genesee st.....	6 in.	H	50	..	5 ft.	17 ft. e. of w. line.

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RED JACKET STREET.

Elk st.....	Scott st.....	6 in.	R	50	26	5 ft.	4 ft. e. of w. curb.
125 ft. n. of Elk st., 4 inch main through private property running east from Red Jacket st. grade crossing to Elk st.							
Railroad st.....	Exchange st.....	3 in.	R	50	..	4½ ft.	On line of hydt. S. E. C. Railroad st.

RED JACKET PARKWAY.

Woodside Circle.....	Abbott rd, n. s.....	6 in.	R	100	..	5 ft.	17 ft. s. of n. line.
Woodside Circle.....	Abbott rd, s. s.....	6 in.	R	100	..	5 ft.	6 ft. n. of s. line.

REED STREET.

Broadway	Sycamore st.....	6 in.	R	60	28	5 ft.	7½ ft. e. of w. curb.
Sycamore st.....	Genesee st.....	6 in.	R	60	28	5 ft.	4½ ft. e. of w. curb.

REGENT STREET.

Bailey ave.....	Greene st.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
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REGINA PLACE.

Florida st..	Mohican ave.....	6 in.	H	50	..	5 ft.	20 ft. e. of w. line.
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REIMANN STREET.

Greene st.....	Ideal st.....	6 in.	R	50	..	5 ft.	22 ft. n. of s. line.
Ideal st.....	North Ogden st.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
North Ogden st.....	City Line.....	6 in.	R	60	..	5 ft.	22 ft. n. of s. line.

REMOLENO STREET.

Triangle st.....	South Park ave.....	6 in.	R	50	26	5 ft.	6 ft. n. of s. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

REX STREET.									
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.		
Northland ave.....	297 ft. northerly.....	6 in.	H	60	..	5 ft.	In sewer trench.		
REY PLACE.									
Mortimer st.....	375 easterly.....	4 in.	R	30	16	4½ ft.	5 ft. n. of s. curb.		
RICH STREET.									
Genesee st.....	Best st.....	6 in.	H	50	28	5 ft.	7½ ft. e. of w. curb.		
RIDGE ROAD.									
Delavan	Cemetery	6 in.	H	66	...	5 ft.	.....		
RICHFIELD AVENUE.									
South Park ave.....	South Side parkway....	6 in.	R	60	28	5 ft.	7½ ft. n. of s. curb.		
RICHLAWN AVENUE.									
Leroy ave.....	Shawnee st.....	6 in.	H	60	..	5 ft.	In sewer trench.		
Shawnee ave.....	600 ft. northerly.....	6 in.	H	60	..	5 ft.	In sewer trench center of street.		
RICKERT AVENUE.									
Scajaquada Creek.....	Northland ave.....	6 in.	H	60	..	5 ft.	17 ft. e. of w. line.		

RILEY STREET.

Main st.....	Michigan st.....	6 in.	H	35-40	28	5 ft.	8 ft. s. of n. curb.
Michigan st.....	Jefferson st.....	6 in.	H	50	28	5 ft.	6 ft. s. of n. curb.
Jefferson st.....	200 ft. w. of Roehrer av.	6 in.	H	50	28	5 ft.	1 ft. n. of n. curb.
200 ft. w. of Roehrer av.	Roehrer ave.....	6 in.	H	50	28	5 ft.	3 ft. s. of n. curb.
Roehrer ave.....	Humboldt parkway.....	6 in.	H	50	28	5 ft.	4½ ft. s. of n. curb.
Humboldt parkway.....	Fillmore ave.....	6 in.	H	50	28	5 ft.	5½ ft. n. of s. curb.

RIVERVIEW PLACE.

Seneca st.....	468 ft. southerly.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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ROBERT STREET.

Curtiss st.....	Lovejoy st.....	6 in.	R	50	..	5 ft.	19 ft. e. of w. line.
Lovejoy st.....	West Shore R. R.....	6 in.	R	50	..	5 ft.	8 ft. w. of center of street.

ROBERTS AVENUE.

Roeser ave.....	50 ft. northerly.....	12 in.	R	50	26	5½ ft.	4 ft. e. of w. curb.
50 ft. northerly.....	Clinton st.....	6 in.	R	50	26	5 ft.	4½ ft. e. of w. curb.

RODNEY AVENUE.

Main st.....	Fillmore ave.....	6 in.	H	60	30	5 ft.	15 ft. n. of s. curb.
Fillmore ave.....	Hill st.....	6 in.	H	60	30	5 ft.	13½ ft. n. of s. curb.

ROEBLING AVENUE.

500 ft. s. of Wecker st..	East Delavan ave.....	6 in.	H	66	..	5 ft.	8 ft. w. of center of street.
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ROEDER STREET.

Fillmore ave.....	End of st.....	6 in.	H	40	..	5 ft.	15 ft. n. of s. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

ROEHRER AVENUE.						
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.
Best st.....	Dodge st.....	6 in.	H	60	28	5 ft.
Dodge st.....	East Ferry st.....	6 in.	H	60	28	5 ft.
						5 ft. w. of e. curb.
						6½ ft. e. of w. curb.
ROESSER AVENUE.						
Spaulding st.....	Roberts ave.....	12 in.	R	50	..	5½ ft.
Roberts ave.....	Westerly	6 in.	R	50	..	5 ft.
						32 ft. s. of n. line.
						Private pipe.
ROETZER AVENUE.						
Walden ave.....	Genesee st.....	6 in.	H	60	30	4½ ft.
						3½ ft. e. of w. curb.
ROGERS AVENUE.						
Genesee st.....	Lang ave.....	6 in.	H	50	..	4½ ft.
						19 ft. e. of w. line.
ROHE STREET.						
Burgard pl.....	Burgard pl.....	6 in.	H	60	..	5 ft.
Burgard pl.....	Bailey ave.....	6 in.	H	60	..	5 ft.
						North sidewalk.
						19 ft. n. of s. line.
ROHR AVENUE.						
Walden ave.....	Genesee st.....	6 in.	H	60	28	5 ft.
						4 ft. e. of w. curb.

ROLAND AVENUE.

Abby st.....Hopkins st.....	6 in.	R	60	..	5 ft.	8 ft. s. of center
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ROMA AVENUE.

East Delavan ave.....1,550 ft. northerly.....	6 in.	H	60	..	5 ft.	22 ft. e. of w. line.
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ROMMEL AVENUE.

Broadway	Schlenker st.....	6 in.	R	50	28	4½ ft.	4 ft. e. of w. curb.
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ROSE STREET.

Virginia st.....	High st.....	20 in.	H	66	28	5½ ft.	12 ft. e. of w. curb.
High st.....	East North st.....	20 in.	H	43	20	5½ ft.	7 ft. w. of e. curb.
Virginia st.....	High st.....	6 in.	H	66	28	5 ft.	4 ft. w. of e. curb.
High st.....	East North st.....	4 in.	H	43	20	4½ ft.	5 ft. e. of w. curb.

ROSEVILLE STREET.

Larkin st.....	Van Rensselaer st.....	6 in.	R	50	26	5 ft.	6½ ft. s. of n. curb.
Van Rensselaer st.....	Hydraulic st.....	6 in.	R	50	26	5 ft.	6 ft. n. of s. curb.

ROTHER AVENUE.

Broadway	Sycamore st.....	6 in.	R	50	28	5 ft.	5 ft. e. of w. curb.
Sycamore st.....	Walden ave.....	6 in.	R	45	30	6 ft.	8½ ft. e. of w. curb.

RUDOLPH STREET.

400 ft. w. of Kehr st.....	Kehr st.....	6 in.	H	50	..	5 ft.	17 ft. n. of s. line.
Kehr st.....	180 ft. easterly.....	6 in.	H	50	..	5 ft.	8 ft. s. of center of street.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM—EAST SIDE.—Continued.

RUHLAND AVENUE.				
From	To	Size.	Street System.	Depth of Main.
West Shore R. R.	Sycamore st.	6 in.	R	5 ft.
Sycamore st.	Walden ave.	6 in.	R	5 ft.
RYAN STREET.				
360 ft. s. of Seneca st.	Seneca st.	6 in.	R	5 ft.
Seneca st.	Frank ave.	6 in.	R	5 ft.
SAGE AVENUE.				
Seneca st.	Buffalo River	4 in.	R	4½ ft.
SANFORD STREET.				
Geal st.	Dewey ave.	6 in.	H	5 ft.
Dewey ave.	Leroy ave.	6 in.	H	5 ft.
SATTLER AVENUE.				
Doat st.	297 ft. n. of Block ave.	6 in.	H	5 ft.
SCHEU PARK.				
Sumner st.	192 ft. westerly	2 in.	H	4½ ft.
				15 ft. s. of s. curb.

SCHILLER STREET.

Queen st.....	Ludington st.....	6 in.	R	60	30	5 ft.	7 ft. e. of w. curb.
Ludington st.....	Lovejoy st.....	6 in.	R	60	30	5 ft.	7 ft. w. of e. curb.
Lovejoy st.....	Vanderbilt st.....	6 in.	R	60	30	5 ft.	6 ft. e. of w. curb.
Reimann st.....	Broadway	6 in.	R	60	..	5 ft.	17 ft. e. of w. line.

SCHLENKER STREET.

Schmarbeck st.....	Rommel st.....	6 in.	R	30	..	5 ft.	8½ ft. n. of s. line.
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SCHMARBECK STREET.

Broadway	Schlenker st.....	6 in.	R	50	24	5 ft.	3 ft. e. of w. curb.
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SCHUELE AVENUE.

East Ferry st.....	700 ft. northerly.....	6 in.	H	66	..	5 ft.	17 ft. e. of w. line.
670 ft s of Northland av.	East Delavan ave.....	6 in.	H	66	..	5 ft.	Center of street.

SCHUTRUM STREET.

Broadway	West Shore R. R.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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SCOTT STREET.

Main st.....	Washington st.....	10 in.	R	42	..	5 ft.	5 ft. n. of s. curb.
Washington st.....	Michigan st.....	10 in.	R	60	36	5½ ft.	26 ft. n. of s. curb.
Illinois st.....	Clark & Skinner Canal.	6 in.	R	60	36	5 ft.	8 ft. s. of s. curb.
Michigan st.....	Chicago st.....	12 in.	R	60	36	5½ ft.	7½ ft. n. of s. curb.
Van Rensselaer st.....	360 ft. easterly.....	4 in.	R	50	..	5 ft.	16 ft. n. of s. line.

SCOVILLE AVENUE.

Clinton st.....	N. Y. L. E. & W. R. R...	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

SCRANTON STREET.						
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.
						Location.
Abby st.....	550 ft. westerly.....	6 in.	R	50	..	5 ft. 14 ft. n. of s. line.
550 ft. westerly.....	150 ft. westerly.....	6 in.	R	60	..	5 ft. 23 ft. s. of n. line.
SEARS STREET.						
Peckham st.....	Lovejoy st.....	6 in.	R	45	28	5 ft. 6½ ft. s. of w. curb.
Lovejoy st.....	Broadway	6 in.	R	45	28	5 ft. 13 ft. e. of w. curb.
SELKIRK STREET						
Elk st.....	Perry st.....	6 in.	R	50	26	4½ ft. 6½ ft. e. of w. curb.
Clifford st.....	Minton st.....	6 in.	R	50	26	4½ ft. 7½ ft. w. of e. curb.
Minton st.....	Seneca st.....	4 in.	R	50	26	4½ ft. 8½ ft. w. of e. curb.
SENECA STREET.						
Main st.....	Washington st.....	6 in.	R	66	42	5 ft. 10½ ft. s. of n. curb.
Main st.....	Washington st.....	12 in.	R	66	42	5½ ft. See map.
Washington st.....	Michigan st.....	12 in.	R	66	42	5½ ft. 17 ft. n. of s. curb.
Michigan st.....	Louisiana st.....	12 in.	R	66	38	5½ ft. 14 ft. n. of s. curb.
Louisiana st.....	87 ft. e. of Hamburg st.	12 in.	R	66	38	5½ ft. 13 ft. n. of s. curb.
Louisiana st.....	228 ft. e. of Spring st..	6 in.	R	66	38	5 ft. 6 ft. n. of s. curb.
						12½ ft. n. of s. curb.

BETWEEN HAMBURG-AND LARKIN STREETS, UNDER VIADUCT.

West end of viaduct... East end of viaduct....	12 in.	R	66	38	5 ft.	5½ ft. n. of s. curb.
West end of viaduct... Jefferson st.....	6 in.	R	66	38	5 ft.	9½ ft. n. of s. curb.
280 ft. w. of Larkin st.. Emslie st.....	12 in.	R	66	42	5½ ft.	4½ ft. n. of s. curb.
Larkin st..... Van Rensselaer st.....	6 in.	R	66	42	5 ft.	12 ft. n. of s. curb.
Emslie st..... Fillmore ave.....	12 in.	R	66	42	5½ ft.	6 ft. n. of s. curb.
Emslie st..... Fillmore ave.....	6 in.	R	66	42	5 ft.	15 ft. n. of s. curb.
Fillmore ave..... East to end of Ramp..	10 in.	R	66	42	5½ ft.	6 ft. n. of s. curb.

BETWEEN FILLMORE AND PEABODY, UNDER VIADUCT.

SENECA STREET.—Con.

West end of viaduct... East end of viaduct....	10 in.	R	66	42	5½ ft.	16 ft. n. of s. curb.
380 ft. w. of Peabody st.. 50 ft. w. of Babcock st.	10 in.	R	66	38	5½ ft.	5 ft. n. of s. curb.
50 ft. w. of Babcock st. Inson st.....	10 in.	R	66	38	5½ ft.	See map.
Inson st..... Dole st.....	10 in.	R	66	38	5½ ft.	On s. curb line.
Oakdale st..... 52 ft. easterly.....	6 in.	R	66	38	5 ft.	2½ ft. n. of s. curb.
Dole st..... 150 ft. w. of D.L.&WRR	10 in.	R	66	38	5½ ft.	4 ft. s. of s. curb.
150 ft. w. of DL&WRR. Bailey ave.....	10 in.	R	66	38	5½ ft.	3 ft. n. of s. curb.
Bailey ave..... Elk st.....	10 in.	R	66	38	5½ ft.	3½ ft. n. of n. curb.
Elk st..... 200 ft. e. of Buffam st..	12 in.	R	66	38	5½ ft.	11 ft. n. of s. curb.
200 ft. e. of Buffam st.. 40 ft. w. of Indian Ch. rd	10 in.	R	66	38	5½ ft.	19 ft. n. of s. curb.
40 ft. w. of Indian Ch. rd. City Line.....	6 in.	R	66	38	5 ft.	18½ ft. n. of s. curb.
Bailey ave..... 200 ft. easterly.....	2½ in.	R	66	38	4 ft.	18½ ft. n. of s. curb.
						11 ft. n. of n. curb.

SENECA PARKSIDE.

Seneca st..... Cazenovia park.....	6 in.	R	50	26	5 ft.	9½ ft. e. of e. curb.
Seneca st..... Cazenovia park.....	2 in.	R	50	26	4 ft.	10 ft. w. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

SEYMOUR STREET.						
From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Swan st.....	Emalie st.....	4 in.	R	30	5 ft.	5 ft. n. of s. curb.
Emalie st.....	Bond st.....	6 in.	R	30	5 ft.	3 ft. s. of s. curb.
Bond st.....	Lord st.....	6 in.	R	30	5 ft.	6 ft. s. of n. curb.
SHAWNEE AVENUE.						
Richlawn ave.....	Marigold ave.....	6 in.	H	50	5 ft.	45 ft. n. of s. line.
SHEFFIELD AVENUE.						
South Park ave.....	Southside parkway....	6 in.	R	30	5 ft.	6 ft. n. of s. curb.
SHELburne PLACE.						
Loring ave.....	Kensington ave.....	6 in.	H	28	5 ft.	In sewer trench.
SHEPARD STREET.						
Broadway	West Shore R. R.....	6 in.	R	24	5 ft.	5½ ft. e. of w. curb.
SHERMAN STREET.						
Howard st.....	William st.....	36 in.	R	50	6½ ft.	10½ ft. e. of w. curb.
William st.....	Broadway	36 in.	R	50	6½ ft.	9½ ft. w. of e. curb.
Broadway	Genesee st.....	36 in.	R	50	6½ ft.	10 ft. w. of e. curb.
Genesee st.....	E. North st.....	36 in.	R	50	6½ ft.	6 ft. w. of e. curb.

Howard st.....	William st.....	6 in.	R	50	28	5 ft.	11 ft. w. of e. curb.
William st.....	Broadway	6 in.	R	50	28	5 ft.	8 ft. e. of w. curb.
Broadway	Genesee st.....	6 in.	R	50	30	5 ft.	4½ ft. w. of e. curb.
Genesee st.....	East North st.....	6 in.	H	50	26	5 ft.	3 ft. e. of w. curb.
E. North st.....	Best st.....	6 in.	H	50	26	5 ft.	6 ft. e. of w. curb.

SHUMWAY STREET.

Howard st.....	Broadway	6 in.	R	50	28	5 ft.	6½ ft. e. of w. curb.
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SIDNEY STREET.

Humboldt parkway.....	Fillmore ave.....	6 in.	H	60	30	5 ft.	5 ft. n. of s. curb.
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SIDWAY STREET.

Erie R. R.....	Mackinaw st.....	6 in.	R	50	..	4½ ft.	17 ft. e. of w. line.
Mackinaw st.....	Elk st.....	6 in.	R	50	..	5 ft.	16 ft. w. of e. line.

SIRRETT STREET.

Hopkins st.....	East to angle of st.....	6 in.	R	50	..	5 ft.	19 ft. n. of s. line.
Angle of st.....	Triangle st.....	6 in.	R	45	..	5 ft.	18 ft. n. of s. line.

SMITH STREET.

St. Stephens pl.....	Abbott rd.....	6 in.	R	50	28	4½ ft.	7 ft. w. of e. curb.
Abbott road.....	Elk st.....	10 in.	R	50	28	5 ft.	9 ft. w. of e. curb.
Elk st.....	Minton st.....	16 in.	R	50	28	5½ ft.	8½ ft. e. of w. curb.
Minton st.....	Top of ramp.....	16 in.	R	50	36	5½ ft.	7 ft. e. of w. curb.
Under viaduct.....							
South ramp.....	North ramp.....	16 in.	R	50	..	5½ ft.	18 ft. e. of w. line.
North ramp.....	Seneca st.....	16 in.	R	50	36	6 ft.	6½ ft. e. of w. curb.
Fillmore ave.....	Cornelia st.....	6 in.	R	50	30	4½ ft.	4 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

SMITH STREET.—*Continued.*

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Cornelia st.	Eagle st.	6 in.	R	50	30	5 ft.	7 ft. e. of w. curb.
Eagle st.	Clinton st.	6 in.	R	50	30	5 ft.	13 ft. e. of w. curb.
Clinton st.	Bristol st.	6 in.	R	50	28	5 ft.	6 ft. e. of w. curb.
Oneida st.	William st.	6 in.	R	50	28	5 ft.	4½ ft. e. of w. curb.
William st.	Lovejoy st.	6 in.	R	50	28	4½ ft.	7 ft. e. of w. curb.
Lovejoy st.	Broadway	6 in.	R	50	28	4½ ft.	8½ ft. e. of w. curb.

NEW SMITH STREET.

Minton st.	Exchange st.	4 in.	R	75	20	4½ ft.	23 ft. e. of retaining wall.
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SOBIESKI STREET.

Broadway	Sycamore st.	6 in.	R	50	28	5 ft.	7 ft. e. of w. curb.
Sycamore st.	Walden ave.	6 in.	R	50	24	5 ft.	5 ft. e. of w. curb.

SOUTH STREET.

Ohio st.	Hamburgh st.	6 in.	R	66	30	5 ft.	4 ft. s. of n. curb.
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SOUTHAMPTON STREET.

Ellicott st.	Michigan st.	6 in.	H	60	28	5 ft.	3½ ft. s. of s. curb.
Michigan st.	Masten st.	6 in.	H	60	28	5 ft.	6 ft. n. of s. curb.
Masten st.	Jefferson st.	6 in.	H	60	30	5 ft.	4½ ft. n. of s. curb.

SOUTH CEDAR STREET.

Seneca st.....	Swan st.....	6 in.	R	50	32	5 ft.	9½ ft. w. of e. curb.
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SOUTH DIVISION STREET.

Main st.....	Washington st.....	6 in.	R	66	36	5 ft.	18 ft. n. of s. curb.
Main st.....	Washington st.....	10 in.	R	66	36	5 ft.	11 ft. n. of s. curb.
Washington st.....	Pine st.....	10 in.	R	60	32	5½ ft.	9 ft. n. of s. curb.
Pine st.....	Cedar st.....	10 in.	R	60	36	5½ ft.	12 ft. n. of s. curb.
Cedar st.....	Grosvenor st.....	6 in.	R	60	28	4½ ft.	9½ ft. n. of s. curb.
Grosvenor st.....	300 ft. w. of Emslie st.	6 in.	R	60	42	5 ft.	11½ ft. n. of s. curb.
300 ft. w. of Emslie st.	Lord st.....	6 in.	R	60	28	5 ft.	9½ ft. n. of s. curb.
Lord st.....	Cornelia st.....	6 in.	R	60	28	5 ft.	8 ft. n. of s. curb.
Cornelia st.....	Fillmore ave.....	6 in.	R	60	..	5 ft.	12 ft. n. of s. curb.

SOUTH MICHIGAN STREET.

City Ship Canal.....	Ganson st.....	6 in.	R	50	32	6 ft.	4 ft. n. of s. curb.
Ganson st.....	Buffalo River.....	16 in.	R	50	32	6 ft.	6 ft. n. of s. curb.
South Michigan st.....	Columbia st.....	16 in.	R	..	..	...	Under Buffalo River
							See map.

SOUTH OGDEN STREET.

Mineral Spring rd.....	Clinton st.....	12 in.	R	66	..	5½ ft.	25 ft. e. of w. line
Clinton st.....	Dingens st.....	10 in.	R	66	..	5½ ft.	25 ft. e. of w. line.
Dingens st.....	William st.....	12 in.	R	50	..	5½ ft.	22 ft. w. of e. line.
Lehigh Valley R. R.....	William st.....	6 in.	R	50	..	5 ft.	7 ft. e. of w. line.

SOUTH PARK AVENUE.

South Side parkway.....	In White's Corners rd..						
White's Cor. rd. around N. and S. Pk. Driveway	City Line.....	12 in.	R	66	32	5½ ft.	Inside of west walk.
City Line.....	Triangle st.....	6 in. & 12 in., R	..	..	..	..	See park map.
Triangle.....	Abbott road.....	12 in.	R	66	40	5½ ft.	12 ft. e. of w. curb.
Abbott road.....	Seneca st.....	12 in.	R	66	32	5½ ft.	8 ft. e. of w. curb.
							3½ ft. w. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

SOUTH SIDE PARKWAY.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Como ave. w. s.	Measmer st.	6 in.	R	150	50	5 ft.	42 ft. e. of w. line.
Como ave. e. s.	Clio st.	6 in.	R	150	..	5 ft.	42 ft. w. of e. line.

SPAULDING STREET.

Triangle st.	600 ft. westerly	6 in.	R	50	26	5 ft.	7 ft. s. of n. curb.
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SPAULDING AVENUE.

Roesser st.	Clinton st.	12 in.	R	50	..	5½ ft.	17 ft. e. of w. line.
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SPENCER STREET.

William st.	550 ft. southerly	6 in.	R	60	..	4½ ft.	17 ft. e. of w. line.
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SPIESS STREET.

Genesee st.	Bardol st.	6 in.	H	45	26	4½ ft.	10 ft. e. of w. curb.
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SPRENGER AVENUE.

Doat st.	Genesee st.	6 in.	H	66	..	5 ft.	9 ft. e. of bydt.
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SPRING STREET.

Seneca st.....	Eagle st.....	6 in.	R	66	32	5 ft.	8½ ft. e. of w. curb.
Eagle st.....	Clinton st.....	4 in.	R	66	32	5 ft.	7½ ft. w. of e. curb.
Clinton st.....	William st.....	6 in.	R	66	32	5 ft.	8 ft. w. of e. curb.
William st.....	300 ft. northerly.....	8 in.	R	66	32	5 ft.	8½ ft. w. of e. curb.
300 ft. northerly.....	Broadway	8 in.	R	66	32	5 ft.	See record.
Broadway	Sycamore st.....	10 in.	R	66	32	5½ ft.	See record.
Sycamore st.....	Genesee st.....	6 in.	R	66	32	5 ft.	16 ft. w. of e. curb.
Genesee st.....	Cherry st.....	10 in.	R	66	32	5 ft.	12½ ft. w. of e. curb.
West Peckham st.....	Broadway	36 in.	R	66	32	6½ ft.	18 ft. e. of w. curb.
							11½ ft. w. of e. curb.

SPRUCE STREET.

Broadway	Sycamore st.....	6 in.	R	66	30	5 ft.	8 ft. e. of w. curb.
Sycamore st.....	Genesee st.....	6 in.	R	66	30	5 ft.	8½ ft. w. of e. curb.
Genesee st.....	Cherry st.....	6 in.	R	66	30	5 ft.	12 ft. e. of w. curb.

STANISLAUS STREET.

Fillmore ave.....	Loopere st.....	6 in.	R	60	30	5 ft.	5 ft. n. of s. curb.
Loopere st.....	Lathrop st.....	6 in.	R	60	30	5 ft.	6 ft. n. of s. curb.

STANLEY STREET.

Bailey ave.....	700 ft. easterly.....	6 in.	R	50	..	5 ft.	17 ft. n. of s. line.
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STANTON STREET.

Howard st.....	William st.....	6 in.	R	50	26	5 ft.	7½ ft. e. of w. curb.
William st.....	Peckham st.....	6 in.	R	50	28	5 ft.	6½ ft. e. of w. curb.
Peckham st.....	Broadway	6 in.	R	50	28	5 ft.	5½ ft. w. of e. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

ST. CLAIR STREET.						
From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Louisiana st.....	Kentucky st.....	6 in.	R	60	5 ft.	9 ft. e. of w. line.
Kentucky st.....	South st.....	6 in.	R	60	5 ft.	19 ft. e. of w. line.
STETSON STREET.						
Howard st.....	750 ft. southerly.....	6 in.	R	50	5 ft.	6 ft. w. of center of street.
STEWART STREET.						
Walden ave.....	Doat st.....	12 in.	H	66	5½ ft.	24 ft. e. of w. line.
ST. JOSEPH AVENUE.						
West Shore ave.....	Walden ave.....	6 in.	H	50	5 ft.	17 ft. e. of w. line.
ST. LOUIS AVENUE.						
Genesee st.....	258 ft. southerly.....	6 in.	H	50	4½ ft.	17 ft. e. of w. line.
STONE STREET.						
Bailey ave.....	Greene st.....	6 in.	R	50	4½ ft.	17 ft. n. of s. line.
STORZ AVENUE.						
East Utica st.....	Glenwood ave.....	6 in.	H	50	5 ft.	6 ft. e. of w. curb.

ST. PAUL STREET.

Main st.....	300 ft. easterly.....	4 in.	H	45½	26	4½ ft.	5½ ft. s. of n. curb.
300 ft. easterly.....	Welmont pl.....	6 in.	H	45½	26	4½ ft.	4½ ft. s. of n. curb.

STRAUSS STREET.

Broadway	Sycamore st.....	6 in.	R	60	28	5 ft.	6½ ft. e. of w. curb.
Sycamore st.....	Genesee st.....	6 in.	R	60	28	5 ft.	5½ ft. w. of e. curb.

ST. STEPHENS PLACE.

Smith st.....	St. Stephens pl.....	6 in.	R	30	..	4½ ft.	14 ft. s. of n. line.
St. Stephens pl.....	Abbott road.....	6 in.	R	41	24	5 ft.	3 ft. e. of w. curb.
Harvey pl.....	Bolton pl.....	6 in.	R	41	..	5 ft.	8 ft. n. of center

SUMNER AVENUE.

West Shore ave.....	Walden ave.....	6 in.	H	60	..	5 ft.	8 ft. w. of center of street.
Walden ave.....	Rohe st.....	6 in.	H	60	30	4½ ft.	10½ ft. e. of w. curb.
Rohe st.....	Doat st.....	6 in.	H	60	30	4½ ft.	6 ft. e. of w. curb.

SUPERIOR STREET.

Spring st.....	Jefferson st.....	6 in.	R	61	28	5 ft.	10 ft. n. of s. curb.
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SWAN STREET.

Main st.....	Ellicott st.....	10 in.	R	66	38	5 ft.	12 ft. s. of n. curb.
Ellicott st.....	South Cedar st.....	10 in.	R	66	38	5 ft.	13½ ft. n. of s. curb.
Chicago st.....	Pine st.....	16 in.	R	66	38	5½ ft.	26 ft. n. of s. curb.
South Cedar st.....	Jefferson st.....	6 in.	R	66	36	5 ft.	13½ ft. n. of s. curb.
Jefferson st.....	N. Y. C. R. R., s. side.	6 in.	R	66	36	4½ ft.	South sidewalk.
Jefferson st.....	N. Y. C. R. R., n. side.	6 in.	R	66	36	4½ ft.	10 ft. s. of n. curb.
Seymour st.....	Seneca st.....	6 in.	R	66	36	5 ft.	11 ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

SWEENEY STREET.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Genesee st.....	Best st.....	6 in.	H	50 26	5 ft.	5½ ft. e. of w. curb.

SWEET STREET.

Lovejoy st.....	Stanislaus st.....	6 in.	R	50 28	4½ ft.	4½ ft. e. of w. curb.
Stanislaus st.....	Sycamore st.....	6 in.	R	50 28	4½ ft.	6½ ft. e. of w. curb.
Sycamore st.....	Walden ave.....	6 in.	R	50 30	4½ ft.	8½ ft. e. of w. curb.

SWINBURNE STREET.

Amity st.....	Broadway	6 in.	R	54 ..	8 ft.	17 ft. e. of w. line.
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SYCAMORE STREET.

Oak st.....	Pratt st.....	36 in.	R	66 42	6 ft.	14 ft. n. of s. curb.
Oak st.....	Adams st.....	10 in.	R	66 42	5 ft.	12 ft. s. of n. curb.
Adams st.....	Fillmore ave.....	6 in.	R	66 42	5 ft.	14 ft. s. of n. curb.
Fillmore ave.....	Miller ave.....	20 in.	R	66 32	5 ft.	26 ft. s. of n. curb.
Miller ave.....	Walden ave.....	6 in.	R	66 32	5 ft.	26 ft. s. of n. curb.

TAYLOR PLACE.

Josie pl.....	Macamley st.....	6 in.	R	50 26	4½ ft.	6 ft. e. of w. curb.
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REPUBLIC STREET.

Louisiana st.....	Hamburg st.....	6 in.	R	33 ..	4½ ft.	13 ft. s. of n. line.
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TENNESSEE STREET.

South st.....	Erie R. R.....	6 in.	R	60	..	4½ ft.	20 ft. e. of w. line.
Republic st.....	Mackinaw st.....	6 in.	R	60	..	4½ ft.	42 ft. e. of w. line.

TERESA STREET.

Cazenovia Park.....	Seneca st.....	4 in.	R	50	26	5 ft.	10 ft. w. of w. curb.
Cazenovia Park.....	Seneca st.....	4 in.	R	50	26	5 ft.	9½ ft. e. of e. curb. e side.

TEXAS AVENUE.

Lang ave.....	100 ft. s. of Kerns ave..	6 in.	H	60	..	5 ft.	17 ft. e. of w. line.
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THATCHER AVENUE.

Kensington ave.....	Hutchinson ave.....	6 in.	H	60	..	5 ft.	22 ft. e. of w. line.
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THOMA STREET.

Triangle st.....	775 ft. westerly.....	6 in.	R	50	26	5 ft.	7 ft. n. of s. curb.
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THOMAS STREET.

Howard st.....	William st.....	6 in.	R	50	28	5 ft.	5 ft. w. of e. curb.
Metcalfe st.....	Howard st.....	6 in.	R	50	28	5 ft.	6 ft. w. of e. curb.

TIFFT STREET.

Hopkins st.....	Folger st.....	16 in.	R	66	..	5½ ft.	22 ft. n. of s. line.
Folger st.....	South Park ave.....	16 in.	R	66	..	5½ ft.	25 ft. n. of s. line.

TIMON STREET.

Dodge st.....	Northampton st.....	6 in.	H	60	..	4½ ft.	20 ft. e. of w. line.
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TITUS STREET.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Broadway	West Shore R. R.....	6 in.	R	50	4½ ft.	19 ft. e. of w. line.
West Shore R. R.....	Sycamore st.....	6 in.	R	50	4½ ft.	17 ft. e. of w. line.
TOUSEY STREET.						
Champlin st.....	Sycamore st.....	4 in.	R	40	4½ ft.	25 ft. w. of e. line.
TOWNSEND STREET.						
William st.....	Broadway	6 in.	R	50	5 ft.	8 ft. e. of w. curb.
TRIANGLE PLACE.						
Buffalo st.....	Triangle st.....	6 in.	R	30	4½ ft.	1 ft. n. of n. curb.
TRIANGLE STREET.						
South Park ave.....	Abbott road.....	10 in.	R	66	5 ft.	10 ft. e. of w. curb.
TRINIDAD PLACE.						
144 ft. s. of Loring ave.	Kensington ave.....	6 in.	H	60	4½ ft.	East sidewalk. In sewer trench.
TROUPE STREET.						
Seneca st.....	Pennsylvania R. R.....	6 in.	R	60	5 ft.	4 ft. w. of e. curb.

TROWBRIDGE STREET.						
Hopkins st.....	Triangle st.....	6 in.	R	50	28	5 ft. 6 ft. n. of s. curb.
TUPPER STREET.						
Main st.....	Washington st.....	12 in.	R	49½	28	5 ft. 9 ft. s. of n. curb. See Main st. map.
Main st.....	Michigan st.....	20 in.	R	49½	28	6 ft. 5½ ft. n. of s. curb.
Washington st.....	Oak st.....	6 in.	R	49½	28	5 ft. 8 ft. n. of s. curb.
Oak st.....	Michigan st.....	6 in.	R	49½	28	5 ft. 9 ft. s. of n. curb.
ULMER STREET.						
Hopkins st.....	Pries ave.....	6 in.	R	50	..	5 ft. 21 ft. n. of s. line.
UNGER AVENUE.						
Seneca st.....	1,000 ft. southerly.....	6 in.	R	60	..	4½ ft. 21 ft. e. of w. line.
UNION STREET.						
East Eagle st.....	Clinton st.....	4 in.	R	45	26	4½ ft. 6½ ft. e. of w. curb.
Clinton st.....	William st.....	6 in.	R	45	26	5 ft. 6½ ft. e. of w. curb.
URBAN STREET.						
Fillmore ave.....	Moselle st.....	6 in.	H	66	..	5 ft. 19 ft. n. of s. line.
UTICA STREET.						
Main st.....	Jefferson st.....	36 in.	H	66	32	6½ ft. 15½ ft. s. of n. curb.
Jefferson st.....	Brooklyn ave.....	36 in.	H	66	32	6½ ft. 12 ft. n. of s. curb.
Brooklyn ave.....	Humboldt parkway.....	36 in.	H	66	32	6½ ft. 10 ft. s. of n. curb.
Humboldt parkway.....	Fillmore ave.....	36 in.	H	66	32	6½ ft. 15 ft. s. of n. curb.
Main st.....	Dupont st.....	6 in.	H	66	32	5 ft. 10 ft. n. of s. curb.
Dupont st.....	Fillmore ave.....	6 in.	H	66	32	5 ft. 7½ ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

VANDALIA STREET.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
South st.....	Erie R. R.....	6 in.	R	60 ..	4 ft.	22 ft. e. of w. line.
Republic st.....	Mackinaw st.....	6 in.	R	60 ..	6 ft.	22 ft. w. of e. line.

VANDERBILT STREET.

Greene st.....	Ideal st.....	6 in.	R	50 ..	5 ft.	18 ft. n. of s. line.
Ideal st.....	Benzinger st.....	6 in.	R	50 ..	5 ft.	17 ft. s. of n. line.
Benzinger st.....	Gold st.....	6 in.	R	50 ..	5 ft.	17 ft. n. of s. line.

VAN RENSSELAER STREET.

Elk st.....	Fulton st.....	6 in.	R	80 ..	4½ ft.	10½ ft. w. of e. curb.
Fulton st.....	130 ft. s. of Roseville st.	6 in.	R	50 ..	5 ft.	7 ft. w. of e. curb.
130 ft. s. of Roseville st.	Exchange st.....	6 in.	R	50 ..	5 ft.	8 ft. e. of w. curb.
Exchange st.....	Carroll st.....	6 in.	R	50 ..	5 ft.	5 ft. w. of e. curb.
Carroll st.....	Seneca st.....	6 in.	R	50 ..	5 ft.	7 ft. w. of e. curb.

VARY STREET.

Spring st.....	Jefferson st.....	4 in.	R	33 ..	4½ ft.	4 ft. n. of s. curb.
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VERPLANCK STREET.

East Utica st.....	Glenwood ave.....	6 in.	H	45 ..	5 ft.	5 ft. e. of w. curb.
Glenwood ave.....	East Ferry st.....	6 in.	H	45 ..	5 ft.	2½ ft. e. of w. curb.

VIADUCT STREET.

Abbott road.....Elk st.....	4 in.	R	..	5 ft.	19 ft. w. of e. line. of ramp.
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VICTORIA AVENUE.

Fillmore ave.....Hill st.....	6 in.	H	60	30	5 ft.	14 ft. n. of s. curb.
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VINCENNES STREET.

South st.....Erie R. R.....	6 in.	R	60	..	5 ft.	25 ft. e. of w. line.
Republic st.....220 ft. s. of O'Connell st.....	6 in.	R	60	30	5 ft.	7 ft. w. of e. curb.
220 st. s. of Sandusky st. Mackinaw st.....	6 in.	R	60	30	5 ft.	7 ft. e. of w. curb.

VINE STREET.

Oak st.....	3 in.	R	40	24	4½ ft.	7 ft. n. of s. curb.
Elm st.....Michigan st.....	6 in.	R	20	14	5 ft.	3 ft. n. of s. curb.

VIOLA PARK.

Pansy pl.....Daisy pl.....	6 in.	H	60 130 60	..	5 ft.	22½ ft. s. of hydt. on n. side of street.
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VIRGINIA STREET.

Main st.....Oak st.....	20 in.	H	33	18	6 ft.	5 ft. s. of n. curb.
Oak st.....Rose st.....	20 in.	H	33	18	6 ft.	6 ft. s. of n. curb.
Cherry st.....Jefferson st.....	20 in.	R	66	32	6 ft.	7 ft. n. of s. curb.
Rose st.....Cherry st.....	6 in.	H	33	18	5 ft.	South sidewalk.
Cherry st.....Beech st.....	6 in.	H	66	32	5 ft.	7 ft. s. of n. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON
WHAT SYSTEM.—EAST SIDE.—Continued.

WAGNER PLACE.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Walden ave.....	650 ft. northerly.....	2 in.	H	55	4 ft.	East sidewalk.
Walden ave.....	650 ft. northerly.....	2 in.	H	55	4 ft.	West sidewalk.

WAKEFIELD AVENUE.

Fillmore ave.....	Hill st.....	6 in.	H	60	30	5 ft.	14½ ft. n. of s. curb.
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WALDEN AVENUE.

Best st.....	Moselle st.....	10 in.	H	66	36	5½ ft.	10½ ft. n. of s. curb.
Moselle st.....	Sycamore st.....	10 in.	H	66	36	5½ ft.	2½ ft. n. of s. curb.
Sycamore st.....	Bailey ave.....	10 in.	H	66	36	5½ ft.	9½ ft. n. of s. curb.
Bailey ave.....	North Ogden st.....	10 in.	H	66	36	5½ ft.	3 ft. n. of n. curb.
North Ogden st.....	Stewart ave.....	12 in.	H	66	36	5½ ft.	3½ ft. n. of n. curb.
Stewart ave.....	Littlefield ave.....	6 in.	H	66	36	5½ ft.	5 ft. n. of n. curb.

WALNUT STREET.

East Eagle st.....	Clinton st.....	6 in.	R	66	30	5 ft.	7½ ft. e. of w. curb.
Clinton st.....	William st.....	6 in.	R	66	30	5 ft.	8 ft. w. of e. curb.
William st.....	Broadway	6 in.	R	66	28	5 ft.	7 ft. w. of e. curb.
Broadway	Sycamore st.....	6 in.	R	66	30	5 ft.	3 ft. e. of w. curb.
Sycamore st.....	Genesee st.....	6 in.	R	66	30	5 ft.	9 ft. w. of e. curb.

WARREN STREET.

West Shore R. R.....	Broadway	6 in.	R	50	28	5 ft.	7 ft. e. of w. curb.
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WARRING AVENUE.

Moeller st..... Genesee st..... 6 in. H 50 .. 4½ ft. 33 ft. w. of e. line.

WASHINGTON STREET.

Ohio st..... Scott st..... 10 in. R 66 42 5 ft. 14½ ft. e. of w. curb.
 Scott st..... Former Hamburg Canal 10 in. R 66 42 5 ft. See Washington st.
 Ohio st..... Perry st..... 12 in. R 66 42 5½ ft. 12½ ft. w. of e. curb.
 Perry st..... Scott st..... 12 in. R 66 42 5½ ft. 10 ft. w. of e. curb.
 Scott st..... Former Hamburg Canal. 12 in. R 86 42 5½ ft. 5 ft. w. of e. curb.
 See Washington st.
 Former Hamburg Canal. Green st..... 16 in. R 66 42 5½ ft. 9 ft. w. of e. curb.
 See Washington st.
 map.

Green st..... 50 ft. s. of Exchange st. 16 in. R 66 42 5½ ft. 17 ft. e. of w. curb.
 50 ft. s. of Exchange st. Exchange st. 10 in. R 66 42 5 ft. 15 ft. e. of w. curb.
 50 ft. s. of Exchange st. Exchange st. 12 in. R 66 42 5½ ft. See Wash. st. map.
 Exchange st..... Genesee st. 6 in. R 66 42 5½ ft. 13½ ft. e. of w. curb.
 Exchange st..... Genesee st. 12 in. R 66 42 5½ ft. 12 ft. w. of e. curb.
 Genesee st..... Tupper st. 12 in. R 66 42 5½ ft. 9½ ft. e. of w. curb.
 500 ft. s. of Tupper st. Tupper st. 6 in. R 66 42 5 ft. 10 ft. w. of e. curb.
 Tupper st..... 50 ft. northerly. 6 in. R 66 32 5 ft. 22 ft. w. of e. curb.
 Tupper st..... Goodell st. 12 in. R 66 32 5½ ft. 6½ ft. e. of w. curb.
 Goodell st..... Virginia st. 12 in. H 66 32 5½ ft. 8½ ft. e. of w. curb.
 Virginia st..... Carlton st. 6 in. H 66 32 5 ft. 10 ft. e. of w. curb.
 Carlton st..... High st. 6 in. H 66 24 5 ft. 12½ ft. e. of w. curb.

WASMUTH AVENUE.

Walden ave..... Genesee st..... 6 in. H 50 28 4 ft. 5 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

WALTER STREET.

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Elk st.....	Perry st.....	6 in.	R	50	5 ft.	11½ ft. e. of w. curb.
Perry st.....	Seneca st.....	6 in.	R	50	5 ft.	6 ft. e. of w. curb.

WASSON STREET.

Seneca st.....	540 ft. northerly.....	6 in.	R	49½	..	4½ ft. 17 ft. e. of w. line.
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WATSON STREET.

Eagle st.....	Clinton st.....	6 in.	R	50	26	5 ft. 7 ft. e. of w. curb.
Clinton st.....	Broadway.....	6 in.	R	50	26	5 ft. 6½ ft. e. of w. curb.

WAVERLY STREET.

Glenwood ave.....	East Ferry st.....	6 in.	H	42	22	5 ft. 4 ft. e. of w. curb.
East Ferry st.....	Northland ave.....	6 in.	H	45	22	5 ft. 3 ft. w. of e. curb.

WEAVER AVENUE.

Clinton st.....	Dingens st.....	6 in.	R	50	30	5 ft. 6 ft. e. of w. curb.
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WEBER AVENUE.

Lang ave.....	East Delaware ave.....	6 in.	H	66	..	5 ft. In center of street.
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BUREAU OF WATER.

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WEBSTER ALLEY.

Seneca st.....Southard..... 1 in. R 15 15 .. 10 ft. w. of e. line.

WECKER STREET.

Bailey ave.....Texas st. 6 in. H 60 .. 5 ft. 23 ft. n. of s. line.

WEIMAR STREET.

Buffalo River.....Casimir st. 6 in. R 50 .. 5 ft. 17 ft. e. of w. line.
Casimir st.....Clinton st. 6 in. R 50 28 5 ft. 7 ft. e. of w. curb.

WEISS STREET.

600 ft. s. of Casimir st..Clinton st. 10 in. R 50 .. 5½ ft. 18 ft. e. of w. line.
Clinton st.....Griswold st..... 10 in. R 50 .. 5½ ft. 14 ft. e. of w. line.
Dingens st.....300 ft. southerly... 10 in. R 50 .. 5½ ft. 17 ft. e. of w. line.
Dingens st.....Southerly 3 in. R 50 .. 9 ft. e. of hydt. s.
w. c. Private.

WELKER STREET.

East Utica st.....Glenwood ave..... 4 in. H 45 24 4½ ft. 4 ft. e. of w. curb.
Glenwood ave.....East Ferry st.... 6 in. H 45 24 5 ft. 5 ft. e. of w. curb.

WELLS STREET.

Exchange st.....Seneca st..... 4 in. R 60 36 5 ft. 12½ ft. e. of w. curb.

WELMONT PLACE.

E. North st.....Best st.... 6 in. H 50 26 5 ft. 4 ft. w. of e. curb.

WENDE STREET.

East Ferry st.....450 ft. s. southerly... 6 in. H 50 .. 4½ ft. 32 ft. w. of e. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

From		To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
WESCOTT STREET.								
Troupe st.	.....	Milton st.	6 in.	R	60	..	5 ft.	22 ft. n. of s. line.
WEST BENNETT STREET.								
Clinton st.	.....	William st.	4 in.	R	60	48	4½ ft.	14 ft. e. of w. curb.
Clinton st.	.....	260 ft. northerly	10 in.	R	60	48	5½ ft.	7 ft. e. of w. curb.
South end of market	to north end of market	....	2 in.	R	60	48	5 ft.	2 ft. e. of e. curb.
WEST PARADE AVENUE.								
Best st.	.....	120 ft. northerly	6 in.	H	50	30	5 ft.	8 ft. e. of w. curb. See map No. 27, 1889.
120 ft. northerly	.....	850 ft. northerly	4 in.	H	50	30	4½ ft.	7 ft. w. of w. curb.
850 ft. northerly	.....	Northampton st.	6 in.	H	50	30	5 ft.	6 ft. e. of w. curb.
WEST PECKHAM STREET.								
Spring st.	.....	Mortimer st.	36 in.	R	49½	26	6 ft.	7 ft. s. of n. curb.
Mortimer st.	.....	Jefferson st.	36 in.	R	49½	30	6 ft.	8 ft. s. of n. curb.
Spring st.	.....	Mortimer st.	4 in.	R	49½	26	4½ ft.	5½ ft. n. of s. curb.
WEX AVENUE.								
West Shore ave.	.....	Walden ave.	6 in.	H	50	..	5 ft.	17 ft. e. of w. line.

WEYAND STREET.

Seneca st.....Frank ave 6 in. R 50 .. 5 ft. 17 ft. e. of w. line.

WHEELOCK STREET.

Clinton st.....Griswold st..... 6 in. R 60 .. 5 ft. 20 ft. e. of w. line.

WICK STREET.

Broadway Ehle st..... 6 in. R 60 .. 5 ft. 17 ft. e. of w. line.
Ehle W. S. R. R. 60 .. 5 ft. 12 ft. e. of w. line.

WILDWOOD PLACE.

Beyer pl.....Seneca st..... 6 in. R 50 .. 5 ft. 21 ft. e. of w. line.

WILLETT STREET.

Clinton st.....Dingens st..... 6 in. R 50 .. 5 ft. 17 ft. e. of w. line.

WILLIAM STREET.

Michigan st.....Jefferson st..... 10 in. R 66 42 5 ft. 14 ft. s. of n. curb.
Jefferson st.....Adams st..... 20 in. R 66 42 5½ ft. 12 ft. n. of s. curb.
Adams st.....140 ft. e. of Clark st. 10 in. R 66 42 5 ft. 11 ft. n. of s. curb.
Thomas st.....Metcalfe st..... 10 in. R 66 42 5 ft. 10 ft. n. of s. curb.
Metcalfe st.....100 ft. e. of Lewis st. 12 in. R 66 42 5 ft. See map 105, 1898.
100 ft. e. of Lewis st...Babcock st..... 12 in. R 66 42 5 ft. 10½ ft. n. of s. curb.
300 ft. e. of Metcalfe st.150 ft. e. of Lewis st... 4 in. R 66 42 5 ft. 3 ft. s. of s. curb.
Babcock st.....Bailey ave..... 12 in. R 66 42 5 ft. South sidewalk.
Bailey ave.....North Ogden st..... 12 in. R 66 42 5 ft. 7 ft. s. of n. curb.
North Ogden st.....South Ogden st..... 12 in. R 66 42 5½ ft. 2 ft. n. of n. curb.
North Ogden st.....City Line 12 in. R 66 42 5½ ft. South sidewalk.
North Ogden st.....Queen st..... 6 in. R 66 42 5 ft. 10 ft. s. of n. curb.
Queen st..... 10 in. R 66 42 5 ft. North sidewalk.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—*Continued.*

WILLOW PLACE.					Depth of Main.	Location.
From	To	Size.	System.	Street Paying Width.		
Kingsley st.....	End of st.....	6 in.	H	42	4½ ft.	16 ft. w. of e. line.
WILSON STREET.						
William st.....	Broadway	6 in.	R	50	5 ft.	5 ft. e. of w. curb.
Broadway	Genesee st.....	6 in.	R	40	5 ft.	6 ft. e. of w. curb.
WINCHESTER AVENUE.						
East Ferry st.....	350 ft. northerly.....	6 in.	H	66	4½ ft.	28 ft. e. of w. line.
Northland ave.....	East Delavan ave.....	6 in.	H	66	5 ft.	8 ft. w. of center of street.
WINONA STREET.						
Elk st.....	End of st.....	6 in.	R	50	5 ft.	17 ft. e. of w. line.
WINSLOW AVENUE.						
Dupont st.....	Brooklyn ave.....	6 in.	H	50	5 ft.	6 ft. n. of s. curb.
Brooklyn ave.....	Wohlers ave.....	6 in.	H	50	5 ft.	6½ ft. n. of s. curb.
Wohlers ave.....	Humboldt parkway.....	6 in.	H	50	5 ft.	7 ft. n. of s. curb.
Humboldt parkway.....	Fillmore ave.....	6 in.	H	60	5 ft.	7 ft. n. of s. curb.
Fillmore ave.....	N. Y. C. R. R.....	6 in.	H	60	5 ft.	7 ft. n. of s. curb.
WINSPERE AVENUE.						
Main st.....	Bailey ave.....	16 in.	H	66	5½ ft.	14 ft. n. of s. curb.

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WOEPPEL AVENUE.

Humboldt parkway.....Fillmore ave..... 6 in. H 60 28 5 ft. 7 ft. n. of s. curb.

WOHLERS AVENUE.

Best st.....Northampton st..... 6 in. H 60 28 5 ft. 6½ ft. e. of w. curb.
Northampton st.....Riley st..... 6 in. H 60 28 5 ft. 5½ ft. e. of w. curb.
Riley st.....East Ferry st..... 6 in. H 60 28 5 ft. 9½ ft. e. of w. curb.

WOLTZ AVENUE.

BroadwaySycamore st..... 6 in. R 66 28 5½ ft. 9½ ft. e. of w. curb.
Sycamore st.....Walden ave..... 6 in. R 66 30 5 ft. 5½ ft. e. of w. curb.

WOOD AVENUE.

West Shore ave.....Walden ave..... 6 in. H 50 .. 5 ft. 17 ft. e. of w. line.

WOODLAWN AVENUE.

Main st.....Fillmore ave..... 6 in. H 66 30 5 ft. 7 ft. n. of s. curb.

WOODSIDE AVENUE.

South Park ave.....Abbott road..... 12 in. R 66 32 5 ft. 7 ft. n. of s. curb.

WYOMING AVENUE.

East Delavan st.....Sussex st..... 16 in. H 80 32 5½ ft. 7 ft. e. of w. curb.
Sussex st.....Kensington ave..... 16 in. H 80 32 5½ ft. 10½ ft. e. of w. curb.

YALE PLACE.

Cazenovia Creek.....Seneca st..... 6 in. R 50 26 5 ft. 3 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—EAST SIDE.—Continued.

YOUNG AVENUE.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Grimes st.....	Ashley st.....	6 in.	R	30	5 ft.	6 ft. e. of w. curb.
Ashley st.....	Broadway	6 in.	R	30	5 ft.	9 ft. e. of w. curb.

ZELMER AVENUE.

Doat st.....	Block st.....	6 in.	H	60	5 ft.	23 ft. e. of w. line.
Block st.....	Genesee st.....	6 in.	H	50	4½ ft.	8 ft. w. of center of street.

ZENNER STREET.

Genesee st.....	East Ferry st.....	6 in.	H	50	4½ ft.	8 ft. w. of center of street.
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ZITTLE STREET.

Seneca st.....	Wells ave.....	12 in.	R	44	5½ ft.	12 ft. e. of w. line.
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ZOLLARS AVENUE.

Marilla st.....	Pixley ave.	6 in.	R	60	5 ft.	2 ft. w. of w. curb.
Pixley ave.....	530 ft. southerly.....	6 in.	R	60	5 ft.	22 ft. e. of w. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.

• ABBOTSFORD PLACE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Bird ave.....	Forest ave.....	6 in.	R	50	30	5 ft.	9 ft. e. of w. curb.

AGIASSIZ PLACE.

Humboldt parkway.....	Parkside ave.....	6 in.	H	..	..	4½ ft.	In sewer trench.
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ALBANY STREET.

Erie canal.....	Niagara st.....	6 in.	R	66	..	5 ft.	24 ft. s. of n. line.
Niagara st.....	West ave.....	6 in.	R	66	30	5 ft.	5 ft. s. of n. curb.
West ave.....	Hampshire st.....	6 in.	R	66	30	5 ft.	3 ft. n. of s. curb.

ALLEN STREET.

Wadsworth st.....	Delaware ave.....	24 in.	H	66	32	5½ ft.	3 ft. n. of n. curb.
Delaware ave.....	Franklin st.....	24 in.	H	66	32	5½ ft.	8 ft. s. of n. curb.
Franklin st.....	Main st.....	24 in.	H	66	32	5½ ft.	10 ft. s. of n. curb.

AMERICAN RADIATOR CO.

American Radiator Co...390 ft. southerly	..	4 in.	R	..	..		See map 400 ft. e. of Lucinda pla. Private
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

AMHERST STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Black Rock Harbor.....	Niagara st.....	1 in.	R	66	32	5 ft.	4 ft. s. of s. curb.
Niagara st.....	East st.....	6 in.	R	66	32	5 ft.	10½ ft. n. of s. curb.
East st.....	Tonawanda st.....	6 in.	R	66	32	5 ft.	3½ ft. n. of n. curb.
East st.....	Tonawanda st.....	12 in.	R	66	32	5½ ft.	9½ ft. n. of s. curb.
Tonawanda st.....	Kail st.....	12 in.	R	66	40	5½ ft.	14 ft. n. of s. curb.
Tonawanda st.....	Military road.....	6 in.	R	66	40	5 ft.	3 ft. n. of s. curb.
Kail st.....	Grant st.....	12 in.	R	66	28	5½ ft.	10 ft. n. of s. curb.
Grant st.....	Bridgeman st.....	6 in.	R	66	28	5 ft.	6½ ft. s. of n. curb.
Bridgeman st.....	Elmwood ave.....	16 in.	R	66	28	6 ft.	9 ft. n. of s. curb.
Elmwood ave.....	Delaware ave.....	16 in.	H	66	30	6 ft.	10½ ft. n. of s. curb.
Delaware ave.....	Angle of st. at park..	12 in.	H	66	30	5½ ft.	9 ft. n. of s. curb.
Angle of st. at park..	500 ft. e. of Colvin st..	12 in.	H	66	30	5½ ft.	8 ft. n. of n. curb.
500 ft. e. of Colvin st..	Parkside ave.....	12 in.	H	66	30	5½ ft.	12½ ft. s. of n. curb.
Parkside ave.....	Crescent ave.....	12 in.	H	66	30	5½ ft.	13 ft. s. of n. curb.
Crescent ave.....	Main st.....	12 in.	H	66	30	5½ ft.	16 ft. s. of n. curb.

ANDERSON PLACE.

Richmond ave.....	Atlantic st.....	6 in.	H	66	28	5 ft.	6½ ft. n. of s. curb.
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ANN STREET.

Lower Terrace.....	80 ft. westerly..	4 in.	R	..	21½	5 ft.	9 ft. n. of hydt. s. w. corner.
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ARGUS AVENUE.

Roesch ave.....	Esser ave.....	12 in.	R	60	..	5½ ft.	22 ft. e. of w. line.
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ARGYLE PARK.

West Delavan ave.....Potomac ave. w. side..	4 in.	H	66	41	5 ft.	7 ft. w. of w. curb.
West Delavan ave.....Potomac ave. e. side..	6 in.	H	66	41	5 ft.	7 ft. e. of e. curb.

ARKANSAS STREET.

West ave.....Grant st.....	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.
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ARLINGTON PARK.

Arlington pl.....College st.....	6 in.	H	35	18	5 ft.	10 ft. n. of s. curb, s. side.
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ARLINGTON PLACE.

Arlington Park.....North st.....	6 in.	H	40	16	5 ft.	3 ft. e. of e. curb.
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ARNOLD STREET.

Grant st.....Hoyt st.....	6 in.	H	50	28	5 ft.	4 ft. n. of s. curb.
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ARTHUR STREET.

Niagara st.....Tonawanda st.....	6 in.	R	60	..	5 ft.	17 ft. n. of s. line.
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ASHLAND AVENUE.

Summer st.....Lafayette ave.....	6 in.	H	66	30	5 ft.	6½ ft. e. of w. curb.
Lafayette ave.....Bidwell parkway.....	6 in.	H	66	30	5 ft.	In doubt.

ATLANTIC STREET.

West Utica st.....Lexington ave.....	6 in.	H	50	26	5 ft.	4½ ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

AUBURN AVENUE.

From	To	Size.	Street System.	Width.	Depth of Main.	Location.
Erie Canal.....	Mason st.....	6 in.	R	66	5 ft.	33 ft. n. of s. line.
Gelston st.....	Dewitt st.....	4 in.	R	66	4½ ft.	10½ ft. s. of n. curb.
Dewitt st.....	Herkimer st, n. side....	4 in.	R	66	5 ft.	5½ ft. n. of n. curb.
Dewitt st.....	Herkimer st, s. side....	4 in.	R	66	5 ft.	5½ ft. s. of s. curb.
Herkimer st.....	Grant st, n. side....	4 in.	R	66	5 ft.	7 ft. n. of n. curb.
Herkimer st.....	Grant st, s. side....	6 in.	R	66	5 ft.	7 ft. s. of s. curb.
Grant st.....	Delaware ave.....	6 in.	R	66	5 ft.	7 ft. n. of s. curb.

AUCHINVOLE AVENUE.

Herkimer st.....	Grant st.....	6 in.	R	45	5 ft.	12 ft. n. of s. curb.
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AUSTIN STREET.

Niagara River.....	Niagara st.....	6 in.	R	66	5 ft.	27 ft. n. of s. line.
Niagara st.....	Military road.....	10 in.	R	66	5½ ft.	7½ ft. n. of s. curb.

BALCOM STREET.

Linwood ave.....	Main st.....	6 in.	H	66	5 ft.	7 ft. s. of n. curb.
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BARKER STREET.

Main st.....	75 ft. westerly.....	4 in.	H	66	3 ft.	6 ft. s. of s. curb.
Linwood ave.....	180 ft. westerly.....	6 in.	H	66	4½ ft.	4½ ft. n. of n. curb.
Linwood ave.....	Westerly no record....	4 in.	H	66	5 ft.	5 ft. s. of s. curb.

BARRY PLACE.

Bird ave.....	Forest ave.....	6 in.	R	54	30	5 ft.	8½ ft. e. of w. curb.
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BARTON STREET.

Albany st.....	100 ft. s of Breckenridge	6 in.	R	66	30	5 ft.	7½ ft. e. of w. curb.
100 ft s of Breckenridge	st.....	2 in.	R	66	30	.....	In e. sidewalk,
400 ft s of Lafayette av.	Lafayette ave.....	6 in.	R	66	..	5 ft.	17 ft. w. of e. line.

BAXTER STREET.

Essex ave.....	O'Neil st.....	6 in.	R	60	28	5 ft.	6½ ft. e. of w. curb.
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BAYNES STREET.

W. Ferry st.....	Lafayette ave.....	6 in.	H	60	28	5 ft.	8½ ft. e. of w. curb.
Lafayette ave.....	Delavan ave.....	6 in.	R	60	28	5 ft.	7½ ft. e. of w. curb.
Delavan ave.....	Bird ave.....	6 in.	R	60	30	5 ft.	3½ ft. e. of w. curb.
Bird ave.....	Forest ave.....	6 in.	R	50	30	5 ft.	5½ ft. e. of w. curb.

BEAN ALLEY.

Huron st.....	170 ft. southerly.....	4 in.	R	16	16	4½ ft.	5 ft. w. of e. line.
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BEARD AVENUE.

Starin ave.....	Parker ave.....	6 in.	H	75	33	5 ft.	13½ ft. n. of s. curb.
Parker ave.....	Depew ave.....	6 in.	H	75	33	5 ft.	20 ft. e. of e. curb.
Depew ave.....	Huntington ave.....	6 in.	H	75	33	5 ft.	16½ ft. e. of w. curb.
Huntington ave.....	Hertel ave.....	6 in.	H	75	33	5 ft.	8 ft. e. of w. curb.
Hertel ave.....	250 ft. northerly.....	6 in.	H	75	..	5 ft.	23 ft. e. of w. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

BEMIS ALLEY.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Pearl st.	John st.	4 in.	R	12	4½ ft.	7 ft. n. of s. line.

BERKELEY PLACE.

Bird ave.	Forest ave.	6 in.	H	60	5 ft.	11 ft. e. of w. curb.
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BIDWELL PARKWAY.

W. s. Richmond ave.	Delavan ave.	6 in.	H	200	35	5 ft.	10 ft. w. of w. curb.
W. s. Delavan ave.	Elmwood ave.	4 in.	H	200	35	5 ft.	12 ft. w. of w. curb.
W. s. Potomac.	Soldiers place.	6 in.	H	200	35	5 ft.	11 ft. w. of w. curb.
E. s. Delavan ave.	650 ft. southerly.	6 in.	H	200	..	5 ft.	2 ft. w. of e. side-walk.
E. s. Delavan ave.	Elmwood ave.	6 in.	H	200	..	5 ft.	1 ft. w. of e. side-walk.

BIDWELL PLACE.

Richmond ave.	Lafayette ave e. side.	12 in.	H	..	5½ ft.	15 ft. w. of e. line.
Lafayette ave.	212 ft. southerly w. s.	6 in.	H	..	5 ft.	2 ft. n. of s. walk.

BIRD AVENUE.

Niagara st.	West ave.	6 in.	R	66	30	5 ft.	6 ft. n. of s. curb.
West ave.	Hoyt st.	6 in.	R	66	30	5 ft.	6½ ft. s. of n. curb.
Hoyt st.	Richmond ave.	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.
Richmond ave.	Soldiers place.	6 in.	H	66	30	5 ft.	6 ft. n. of s. curb.
Soldiers place.	Delaware ave.	6 in.	H	66	30	5 ft.	7 ft. n. of s. curb.

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BLEEKER AVENUE.

End of street.....	Rano st.....	6 in.	R	60	..	5 ft.	8 ft. s. of center
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BOLTON AVENUE.

Linden ave.....	Hertel ave.....	6 in.	H	66	..	5 ft.	26 ft. e. of w. line.
Hertel ave.....	935 ft. northerly.....	6 in.	H	66	..	5 ft.	22 ft. e. of w. line.

BOYD STREET.

Grant st.....	Preston st.....	6 in.	H	42½	26	5 ft.	4 ft. n. of s. curb.
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BRACE STREET.

Erie canal.....	Niagara st.....	6 in.	R	66	..	4½ ft.	17 ft. n. of s. line.
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BRADLEY STREET.

Dewitt st.....	Rees st.....	6 in.	R	66	30	5 ft.	6 ft. n. of s. curb.
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BRANTFORD PLACE.

Delavan ave.....	Potomac ave.....	6 in.	H	66	30	5 ft.	4½ ft. e. of w. curb.
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BRAYTON STREET.

Vermont st.....	West Utica st.....	6 in.	H	50	26	5 ft.	8 ft. e. of w. curb.
Rhode Island st.....	Massachusetts ave.....	6 in.	H	50	26	5 ft.	8 ft. w. of e. curb.

DEPARTMENT OF PUBLIC WORKS.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

BRECKENRIDGE STREET.

From	To	Size.	Street System.	Width.	Paving.	Depth of Main.	Location.
N. Y. C. & H. R. R.	Niagara st.	6 in.	R	66	..	5 ft.	42 ft. n. of s. line.
Niagara st.	West ave.	16 in.	R	66	30	5½ ft.	6½ ft. s. of n. curb.
West ave.	Dewitt st.	4 in.	R	66	30	4½ ft.	8½ ft. s. of n. curb.
Dewitt st.	Barton st.	6 in.	R	66	30	5 ft.	7½ ft. s. of n. curb.
Barton st.	Herkimer st.	6 in.	R	66	30	5 ft.	5 ft. n. of s. curb.
Herkimer st.	Hoyt st.	6 in.	R	66	30	5 ft.	6 ft. n. of s. curb.
Hoyt st.	Baynes st.	4 in.	H	66	30	5 ft.	4½ ft. s. of s. curb.
Baynes st.	150 ft. westerly	3 in.	H	66	30	4½ ft.	6½ ft. n. of n. curb.
Baynes st.	Maynard st.	4 in.	H	66	30	5 ft.	6 ft. s. of s. curb.
Maynard st.	Putnam st.	4 & 3 in.	H	66	30	4½ ft.	6½ ft. n. of n. curb.
Maynard st.	Livingston st.	6 in.	H	66	30	5 ft.	5 ft. s. of s. curb.
Livingston st.	Richmond ave.	6 in.	H	66	30	5 ft.	13 ft. s. of s. curb.
Richmond ave.	250 ft. easterly	4 in.	H	66	30	5 ft.	6 ft. n. of n. curb.
Norwood ave.	Ashland ave.	4 in.	H	66	30	5 ft.	2 ft. s. of s. curb.
Ashland ave.	Elmwood ave.	4 in.	H	66	30	5 ft.	4 ft. n. of n. curb.

BREMEN STREET.

Vermont st.	Brode Island.	6 in.	H	50	26	5 ft.	4½ ft. e. of w. curb.
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BRIDGEMAN STREET.

Amherst st.	Chandler st.	6 in.	R	60	24	5 ft.	6 ft. e. of w. curb.
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BRIGGS AVENUE.

Niagara st.	Tonawanda st.	6 in.	R	60	28	5 ft.	6½ ft. n. of s. curb.
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BRUCE STREET.

Heath st.....Englewood st.....	6 in.	H	60	..	5 ft.	21 ft. e. of w. line.
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BRYANT STREET.

Richmond ave.....	6 in.	H	66	28	5 ft.	6 ft. n. of n. curb.
Richmond ave.....	6 in.	H	66	28	5 ft.	4 ft. s. of s. curb.
Elmwood ave.....Linwood ave.....	6 in.	H	66	28	5 ft.	6 ft. n. of s. curb.

BULL STREET.

West ave.....Dewitt st.....	6 in.	R	49½	..	5 ft.	22 ft. w. of e. line.
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BURT ALLEY.

Franklin st.....Pearl st.....	4 in.	R	14	14	4 ft.	5½ ft. n. of s. line.
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BUSH STREET.

Scajaquada Creek.....	6 in.	R	50	24	5 ft.	5½ ft. w. of e. curb.
Amherst st.....Grote st.....	6 in.	R	50	24	5 ft.	5 ft. e. of w. curb.

CALIFORNIA STREET.

West ave.....Herkimer st.....	6 in.	R	66	28	5 ft.	3 ft. n. of s. curb.
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CALUMET PLACE.

Grace st.....Garfield st.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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CANAL STREET.

Commercial st.....Erie st.....	6 in.	R	55	30	5 ft.	11½ ft. w. of e. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Bird ave.....	Forest ave.....	6 in.	R	60	30	5 ft.	4½ ft. e. of w. curb.
CAROLINA STREET.							
Erie canal.....	Trenton ave.....	4 in.	R	66	30	7½ ft.	9 ft. n. of s. curb.
Trenton ave.....	Front ave.....	6 in.	R	66	30	6 ft.	6½ ft. n. of s. curb.
Front ave.....	Niagara st.....	6 in.	R	66	38	5 ft.	14 ft. n. of s. curb.
Niagara st.....	Tupper st.....	6 in.	R	66	36	5 ft.	13 ft. n. of s. curb.
CARY STREET.							
Delaware ave.....	Morgan st.....	4 in.	R	40	22	4½ ft.	2 ft. s. of n. curb.
Morgan st.....	275 ft. westerly.....	4 in.	R	40	22	4½ ft.	7 ft. s. of n. curb.
CHADDUCK AVENUE.							
Tonawanda st.....	End of st.....	6 in.	R	50	..	5 ft.	8 ft. s. of center of street.
CHANDLER STREET.							
Military rd.....	Manton place.....	6 in.	R	60	24	5½ ft.	1 ft. s. of s. curb.
Manton pl.....	Bridgeman st.....	6 in.	R	60	24	5½ ft.	3 ft. n. of s. curb.
Bridgeman st.....	N. Y. C. R. R.....	6 in.	R	60	24	5½ ft.	6½ ft. n. of s. curb.
CHAPIN PARKWAY.							
Gates Circle.....	Soldiers pl.....	6 in.	H	200	35	5 ft.	10 ft. w. of w. curb.
E. s. Delavan ave.....	Potomac ave.....	20 in.	H	200	35	6 ft.	15 ft. e. of e. curb.
E. s. Potomac ave.....	Soldiers pl.....	6 in.	H	200	35	5 ft.	15 ft. e. of e. curb.

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CHENANGO STREET.

W. Utica st.....	Rhode Island st.....	6 in.	H	50	26	5 ft.	4½ ft. e. of w. curb.
Rhode Island st.....	W. Ferry st.....	6 in.	H	50	30	5 ft.	7 ft. e. of w. curb.

CHIPPEWA STREET.

Georgia st.....	Delaware ave.....	6 in.	R	66	36	5 ft.	12½ ft. n. of s. curb.
Delaware ave.....	Main st.....	10 in.	H	66	36	5½ ft.	13 ft. n. of s. curb.

CHURCH STREET.

Genesee st.....	Jackson st.....	6 in.	R	99	42	5 ft.	5 ft. n. of s. curb.
Jackson st.....	Lower Terrace.....	6 in.	R	99	42	5 ft.	6 ft. s. of n. curb.
Lower Terrace.....	Pearl st.....	10 in.	R	99	42	5½ ft.	8½ ft. n. of s. curb.

CHURCHILL STREET.

Amherst st.....	Austin st.....	4 in.	R	50	..	5 ft.	18 ft. w. of e. line.
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CLARENDON PLACE.

Bird ave.....	Forest ave.....	6 in.	H	60	30	5 ft.	8½ ft. e. of w. curb.
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CLAY STREET.

Military road.....	Austin st.....	6 in.	R	60	28	5 ft.	7 ft. e. of w. curb.
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CLEVELAND AVENUE.

Elmwood ave.....	Delaware ave.....	6 in.	H	66	30	5 ft.	2 ft. n. of n. curb.
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COLLATON STREET.

Niagara st.....	Fuller st.....	6 in.	R	50	..	5 ft.	8 ft. s. of center.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

COLLEGE STREET.						
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.
Cottage st.....	Allen st.....	6 in.	H	50	26	5 ft.
Allen st.....	West North st.....	6 in.	H	50	24	5 ft.
COMMERCIAL STREET.						
Water st.....	Erie canal.....	6 in.	R	66	36	5 ft.
Erie canal.....	Lower Terrace.....	6 in.	R	66	36	5 ft.
CONDON STREET.						
Crowley ave.....	O'Neil City Line.....	6 in.	R	60	..	5 ft.
CONGRESS STREET.						
Auburn ave.....	Potomac ave.....	6 in.	R	60	28	5 ft.
CONNECTICUT STREET.						
Niagara st.....	Prospect ave.....	20 in.	H	66	34	6 ft.
Niagara st.....	180 ft. easterly.....	4 in.	R	66	34	5 ft.
Prospect ave.....	Fargo ave.....	4 in.	H	66	34	5 ft.
Fargo ave.....	West ave.....	6 in.	H	66	34	5 ft.
West ave.....	Plymouth ave.....	6 in.	H	66	34	5 ft.
West ave.....	Plymouth ave.....	16 in.	H	66	34	6 ft.
Plymouth ave.....	Richmond ave.....	6 in.	H	66	34	5 ft.
						7 ft. s. of s. curb.
						6 ft. n. of n. curb.
						2 ft. n. of n. curb.
						11 ft. s. of n. curb.
						5 ft. s. of n. curb.
						5 ft. s. of s. curb.
						13 ft. n. of s. curb.

COPELAND PLACE.

Ontario st.....Hunt st..... 6 in. R 60 30 5 ft. 6 ft. n. of s. curb.

COTTAGE STREET.

Hudson st.....College st..... 10 in. H 49½ 26 5 ft. 6 ft. s. of n. curb.
College st.....Mariner st..... 10 in. H 66 36 5 ft. 11 ft. n. of s. curb.

COURT PLACE.

Jackson st.....Court st..... 6 in. R 50 .. 4½ ft. 17 ft. n. of s. line.

COURT STREET.

Georgia st.....Wilkeson st..... 4 in.-6 in. R 99 42 5 ft. 16 ft. n. of s. curb.
Wilkeson st.....300 ft. westerly..... 6 in. R 99 42 5 ft. 12 ft. s. of s. curb.
Front ave.....Lower Terrace..... 6 in. R 99 42 5 ft. 35 ft. s. of n. curb.
Court pl.....Lower Terrace..... 6 in. R 99 42 5 ft. 15 ft. s. of s. curb.
Lower Terrace.....Morgan st..... 6 in. R 99 42 5 ft. 20 ft. s. of n. curb.
Seventh st.....Morgan st..... 36 in. R 99 42 6 ft. 20 ft. n. of s. curb.
Morgan st.....Niagara sq..... 36 in. R 99 42 6 ft. 10 ft. n. of s. curb.
W. s. Niagara sq.....E. s. Niagara sq..... 36 in. R 99 42 6 ft. See map.
E. s. Niagara sq.....Franklin st..... 36 in. R 99 42 6 ft. 10 ft. n. of s. curb.
Franklin st.....Pearl st..... 36 in. R 99 50 6 ft. 18 ft. n. of s. curb.
Pearl st.....Main st..... 36 in. R 99 58 6 ft. 10 ft. n. of s. curb.
Morgan st.....Niagara sq..... 6 in. R 99 42 5 ft. 1 ft. s. of n. curb.
Niagara st.....200 ft. easterly..... 6 in. R 99 42 5 ft. 14 ft. s. of s. curb.
Franklin st.....Easterly 175 ft..... 4 in. R 99 50 5 ft. 8 ft. s. of s. curb.
Pearl st.....Main st..... 6 in. R 99 58 5 ft. 27 ft. s. of n. curb.
Lower Terrace.....Upper Terrace..... 20 in. R 99 58 5 ft. See Court st. map.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

CRESCENT AVENUE.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Humboldt parkway.....	Oakwood pl.....	6 in.	H	66	32	5 ft.	15½ ft. e. of w. curb.
Oakwood pl.....	Jewett ave.....	6 in.	H	66	32	5 ft.	6 ft. e. of w. curb.
Jewett ave.....	Russell ave.....	6 in.	H	66	32	5 ft.	13 ft. e. of w. curb.
Russell ave.....	Amherst st.....	6 in.	H	66	32	5 ft.	14½ ft. e. of w. curb.
Amherst st.....	Summit ave.....	6 in.	H	66	32	5 ft.	10½ ft. e. of w. curb.
Summit ave.....	Parkside ave.....	6 in.	H	66	32	5 ft.	27 ft. n. of s. line.
Colvin st.....	750 ft. easterly.....	6 in.	H	66	..	5 ft.	8 ft. s. of center.

CROWLEY AVENUE.

Niagara st.....	Tonawanda st.....	6 in.	R	60	..	5 ft.	22 ft. n. of s. line.
Tonawanda st.....	Ontario st.....	6 in.	R	60	..	5 ft.	17 ft. n. of s. line.

CUSTER STREET.

Main st.....	D. L. & W. R. R.....	6 in.	H	65	..	5½ ft.	17 ft. s. of n. line.
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DAKOTA STREET.

Delaware ave.....	Fairchild pl.....	6 in.	H	66	..	5 ft.	6 ft. n. of hydt., s. side of street.
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DANFORTH STREET.

Forest ave.....	Bradley st.....	6 in.	R	60	28	5 ft.	7 ft. w. of e. curb.
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DANN STREET.

Austin st.....	Hertel ave.....	6 in.	R	30	..	5 ft.	E. side of plank drive.
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DART STREET.

Forest ave.....	Bradley st.....	4 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
Bradley st.....	Letchworth st.....	6 in.	R	66	..	5 ft.	24 ft. w. of e. line.

DAY'S PARK. SOUTH SIDE.

Cottage st.....	Wadsworth st.....	4 in.	H	90	22	5 ft.	4 ft. n. of s. curb.
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DAY'S PARK. NORTH SIDE.

Cottage st.....	Wadsworth st.....	4 in.	H	90	24	5 ft.	5 ft. s. of n. curb.
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DEARBORN STREET.

Parish st.....	Hertel ave.....	6 in.	R	66	30	5½ ft.	7 ft. e. of w. curb.
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DEER STREET.

Hertel ave.....	360 ft. northerly.....	6 in.	R	50	..	5 ft.	8 ft. w. of center of street.
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DELAVAN AVENUE.

300 ft. westerly.....	Niagara st.....	6 in.	R	66	..	5 ft.	24 ft. n. of s. line.
Niagara st.....	183 ft. easterly.....	6 in.	R	60	30	5 ft.	4½ ft. s. of n. curb.
183 ft. easterly.....	West ave.....	6 in.	R	66	30	5 ft.	3 ft. n. of n. curb.
West ave.....	Congress st.....	6 in.	R	66	30	5 ft.	8½ ft. s. of n. curb.
Congress st.....	Richmond ave.....	6 in.	R	66	30	5 ft.	7 ft. n. of s. curb.
Richmond ave.....	Chapin parkway.....	6 in.	H	66	30	5 ft.	8½ ft. n. of s. curb.
Chapin parkway.....	300 ft. easterly.....	4 in.	H	66	30	5 ft.	2½ ft. s. of n. curb.
Delaware ave.....	Linwood ave.....	20 in.	H	66	37	6 ft.	2½ ft. n. of s. curb.
Linwood ave.....	Main st.....	16 in.	H	66	30	6 ft.	6 ft. n. of s. curb.
Harvard pl.....	Main st.....	36 in.	H	66	30	7 ft.	9 ft. s. of n. curb.

DEPARTMENT OF PUBLIC WORKS

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

DELAWARE AVENUE.

From	To	Size.	System.	Width.	Paving Width.	Depth of Main.	Location.
Church st.	Eagle st.	8 in.	R	99	42	5½ ft.	7½ ft. e. of w. curb.
Eagle st.	Niagara sq.	8 in.	R	99	42	5½ ft.	12½ ft. e. of w. curb.
Niagara sq.	Mohawk st.	10 in.	R	99	40	5½ ft.	15½ ft. w. of e. curb.
Mohawk st.	Tupper st.	10 in.	R	99	40	5½ ft.	9½ ft. w. of e. curb.
Tupper st.	Virginia st.	10 in.	H	99	40	5½ ft.	11 ft. w. of e. curb.
Virginia st.	North st.	6 in.	H	99	40	5 ft.	11 ft. w. of e. curb.
W. s. 438 ft. n. of Allen st.	224 ft. s. of North st.	4 in.	H	99	40	5 ft.	3 ft. w. of w. curb.
North st.	West Ferry st.	12 in.	H	99	42	5½ ft.	8½ ft. w. of e. curb.
West Ferry st.	Cleveland ave.	12 in.	H	98	42	5½ ft.	9 ft. w. of e. curb.
Cleveland ave. w. side.	Gates Circle.	12 in.	H	98	42	5½ ft.	7 ft. w. of w. curb.
Cleveland ave. e. side.	Gates Circle.	10 in.	H	98	42	5½ ft.	3½ ft. e. of e. curb.
Gates Circle.	Delavan ave.	12 in.	H	98	36	5½ ft.	16 ft. e. of w. curb.
Delavan ave. w. side.	Potomac ave.	6 in.	H	90	36	5 ft.	5 ft. w. of w. curb.
Delavan ave. e. side.	Forest ave.	20 in.	H	90	36	6 ft.	3 ft. e. of e. curb.
Bird ave. w. side.	Forest ave.	6 in.	H	90	36	5 ft.	6 ft. w. of w. curb.
Forest ave. e. side.	Amherst st.	20 in.	H	66	36	6 ft.	4½ ft. e. of e. curb.
Forest ave. w. side.	Seajacunda Creek.	6 in.	H	66	36	5 ft.	11 ft. w. of w. curb.
N. line of Delaware Pk.	Amherst st.	6 in.	H	66	36	5 ft.	17½ ft. w. of e. curb.
Amherst st.	Olive st.	16 in.	H	66	36	6 ft.	9 ft. e. of w. curb.
Olive st.	Sessions ave.	12 in.	H	66	36	5½ ft.	10 ft. e. of w. curb.
Sessions ave.	City Line.	6 in.	H	66	36	5 ft.	4½ ft. e. of w. curb.

DEPEW AVENUE.

Parkside ave.	Linden ave.	6 in.	H	100	40	5 ft.	5 ft. n. of n. curb.
Linden ave.	Starin ave.	6 in.	H	100	40	5 ft.	9 ft. s. of n. curb.
Starin ave.	Main St.	6 in.	H	100	40	5 ft.	18 ft. s. of n. curb.

DE RUTTE ALLEY.

Virginia st.....332 ft. northerly..... 8 in. H 28 16 5 ft. 5 ft. e. of w. curb.

DESERONTO AVENUE.

Linden ave.....Hertel ave..... 6 in. H 66 .. 5 ft. 25 ft. e. of w. line.

DEWITT STREET.

Breckenridge st.....Lafayette ave..... 4 in. R 66 30 5 ft. 8 ft. e. of w. curb.
Lafayette ave.....Delavan ave..... 6 in. R 66 30 5 ft. 5½ ft. e. of w. curb.
Delavan ave.....Potomac ave..... 6 in. R 66 30 5 ft. 14 ft. e. of w. curb.
Potomac ave.....Forest ave..... 6 in. R 66 30 5 ft. 6 ft. e. of w. curb.
Forest ave.....Bradley st..... 4 in. R 66 30 5 ft. 2 ft. w. of e. curb.

DORCHESTER ROAD.

Baynes st.....Richmond ave..... 6 in. R 76 20 5 ft. 11 ft. n. of n. curb.
Richmond ave., n. side..Norwood ave..... 6 in. H 70 50 5 ft. 2½ ft. n. of n. curb.
Richmond ave., s. side..Norwood ave..... 6 in. H 70 50 5 ft. 2½ ft. s. of s. curb.
Norwood ave., n. side..Bidwell parkway..... 6 in. H 76 50 5 ft. 2½ ft. n. of n. curb.
Norwood ave., s. side..Bidwell parkway..... 6 in. H 76 50 5 ft. 2½ ft. s. of s. curb.

DOYLE AVENUE.

Skillen st.....Kenmore ave..... 6 in. R 50 .. 5 ft. 8 ft. s. of center of street.

DUNSTON AVENUE.

Skillen st.....Kenmore ave..... 6 in. R 50 .. 5 ft. 17 ft. n. of s. line.

BUREAU OF WATER.

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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

EAGLE STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Lower Terrace	Delaware ave.	8 in.	R	66	34	5 ft.	22 ft. n. of s. curb.
Delaware ave.	Franklin st.	8 in.	R	66	34	5 ft.	21 ft. n. of s. curb.
Franklin st.	Niagara st.	6 in.	R	66	34	5 ft.	8 ft. n. of s. curb.
Niagara st.	Pearl st.	6 in.	R	66	40	5 ft.	26 ft. n. of s. curb.
Pearl st.	Main st.	6 in.	H	66	40	5 ft.	24 ft. n. of s. curb.
Pearl st.	Main st.	10 in.	R	66	40	5 ft.	See map. 10 ft. n. of s. curb.

EAST STREET.

Parish st.	Amherst st.	16 in.	R	66	30	5 ft.	9 ft. w. of e. curb.
Amherst st.	Farmer st.	16 in.	R	66	30	5 ft.	7 ft. w. of e. curb.
Farmer st.	Hertel ave.	16 in.	R	66	30	5 ft.	26 ft. w. of e. curb.
Grace st.	Arthur st.	6 in.	R	66	30	5 ft.	7½ ft. e. of w. curb.

ECKHERT STREET.

Esser ave.	Roesch ave.	6 in.	R	60	..	5 ft.	18 ft. e. of w. line.
Roesch ave.	400 ft. northerly	6 in.	R	60	..	5 ft.	8 ft. w. of center of street.

EDWARD STREET.

Virginia st.	Delaware ave.	6 in.	H	66	26	5 ft.	5 ft. s. of n. curb.
Delaware ave.	Franklin st.	4 in.	H	30	20	4½ ft.	3 ft. s. of n. curb.
Franklin st.	370 ft. easterly	6 in.	H	50	24	5 ft.	5 ft. n. of s. curb.

EFNER STREET.

Georgia st.....	Carolina st.....	6 in.	R	50	28	5 ft.	8 ft. e. of w. curb.
Carolina st.....	Maryland st.....	4 in.	R	50	28	5 ft.	6½ ft. e. of w. curb.
Maryland st.....	Hudson st.....	6 in.	R	50	28	5 ft.	17½ ft. e. of w. curb.

EIGHTEENTH STREET.

Rhode Island st.....	Massachusetts ave.....	6 in.	H	50	26	5½ ft.	7½ ft. w. of e. curb.
Massachusetts ave.....	Hampshire st.....	6 in.	H	50	26	5½ ft.	5½ ft. e. of w. curb.

ELAM PLACE.

Crescent ave.....	Greenfield ave.....	6 in.	H	66	28	5 ft.	3½ ft. n. of s. curb.
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ELMWOOD AVENUE.

Virginia st.....	Allen st.....	6 in.	H	50	24	5 ft.	8 ft. w. of e. curb.
Allen st.....	W. North st.....	6 in.	H	50	26	5 ft.	9 ft. w. of e. curb.
W. North st.....	Bryant st.....	6 in.	H	80	42	5 ft.	14½ ft. e. of w. curb.
Bryant st.....	Hodge ave.....	6 in.	H	80	42	5 ft.	3 ft. w. of w. curb.
Hodge ave.....	Lexington ave.....	6 in.	H	80	42	5 ft.	11 ft. e. of w. curb.
Lexington ave.....	Highland ave.....	6 in.	H	80	42	5 ft.	26 ft. e. of w. curb.
Highland ave.....	Ferry st.....	6 in.	H	80	42	5 ft.	4 ft. e. of w. curb.
Ferry st.....	Lafayette ave.....	6 in.	H	80	42	5 ft.	14½ ft. e. of w. curb.
Lafayette ave.....	S. s. of Bidwell pkwy.....	6 in.	H	80	42	5 ft.	21 ft. e. of w. curb.
N. s. of Bidwell pkwy.....	Bird ave.....	6 in.	H	80	42	5 ft.	3 ft. w. of w. curb.
Bird ave.....	Forest ave.....	6 in.	H	80	42	5 ft.	15½ ft. e. of w. curb.
Forest ave.....	S. end of Elmwood ave. bridge.....	16 in.	H	99	40	6 ft.	18½ ft. e. of e. curb.
S. end of bridge.....	N. end of bridge under creek.....	16 in.	H	99	40	..	18 ft. e. of abut- ment.
N. side of bridge.....	Amherst st.....	16 in.	H	99	40	6 ft.	16½ ft. e. of e. curb.
Amherst st.....	Hertel ave.....	16 in.	H	99	50	6 ft.	See map.
Hertel ave.....	600 ft. northerly.....	16 in.	H	99	..	5 ft.	14½ ft. e. of w. curb. 15 ft. w. of center.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

ENGLEWOOD AVENUE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Mildred st.	Main st.	6 in.	H	52	..	5 ft.	8 ft. s. of center.
ERIE STREET.							
Water st.	Erie canal.	6 in.	R	99	58	5 ft.	17 ft. n. of s. curb.
Erie canal.	Lower Terrace.	6 in.	R	99	58	5 ft.	18½ ft. n. of s. curb.
Lower Terrace.	Franklin st.	6 in.	R	99	58	5 ft.	21 ft. n. of s. curb.
Franklin st.	Pearl st.	6 in.	R	99	58	5 ft.	18 ft. n. of s. curb.
Pearl st.	Main st.	6 in.	R	99	58	5 ft.	9 ft. n. of s. curb.
Pearl st.	Main st.	10 in.	R	99	58	5 ft.	19 ft. n. of s. curb.

ESSER AVENUE.

Tonawanda st.	Skillen st.	12 in.	R	60	30	5½ ft.	8½ ft. n. of s. curb.
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ESSEX STREET.

Rhode Island st.	Massachusetts ave.	6 in.	H	50	24	5 ft.	5 ft. e. of w. curb.
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EUGENE STREET.

Ramsdell ave.	Hinman st.	6 in.	H	50	..	5 ft.	23 ft. w. of e. line.
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EVANS STREET.

Fly st.	Canal st.	6 in.	R	40	26	5 ft.	7 ft. n. of s. curb.
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BUREAU OF WATER

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EXETER AVENUE.

Hertel ave.....Taunton ave.....	6 in.	H	66	..	5 ft.	8 ft. w. of center of street.
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EXPRESS ALLEY.

Pearl st.....125 ft. westerly.....	6 in.	R	20	20	4½ ft.	2 ft. n. of s. line.
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FAIRFIELD AVENUE.

Main st.....Orchard pl.....	6 in.	H	66	24	4½ ft.	2 ft. w. of w. curb.
Orchard pl.....Amherst st.....	6 in.	H	66	30	4½ ft.	13 ft. w. of e. curb.

FARGO AVENUE.

Hudson st.....Pennsylvania st.....	6 in.	R	66	36	5 ft.	12½ ft. w. of e. curb.
Pennsylvania st.....Jersey st.....	6 in.	R	66	36	5 ft.	5 ft. e. of w. curb.
Jersey st.....Porter ave.....	6 in.	H	66	30	5 ft.	6 ft. w. of e. curb.
Porter ave.....Connecticut st.....	6 in.	H	66	30	5 ft.	7 ft. w. of e. curb.
Connecticut st.....270 ft. southerly.....	4 in.	H	66	30	4½ ft.	7 ft. w. of w. curb.
Connecticut st.....Vermont st.....	6 in.	H	66	30	5 ft.	9 ft. w. of e. curb.
Vermont st.....Hampshire st.....	6 in.	H	66	30	5 ft.	11 ft. e. of w. curb.
Hampshire st.....Niagara st.....	6 in.	R	66	30	5 ft.	8 ft. e. of w. curb.

FARMER STREET.

Niagara st.....East st.....	6 in.	R	66	28	5 ft.	5 ft. n. of s. curb.
East st.....Tonawanda st.....	6 in.	R	66	28	5 ft.	6 ft. n. of s. curb.

FERGUSON AVENUE.

Herkimer st.....Grant st.....	6 in.	H	45	24	4½ ft.	4 ft. s. of n. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

FERRY STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Erie canal.....	Niagara st.....	6 in.	R	49½	24	5 ft.	6 ft. n. of s. curb.
Niagara st.....	Gelston st.....	6 in.	R	49½	30	5 ft.	25 ft. n. of s. curb.
Gelston st.....	West ave.....	6 in.	R	49½	30	5 ft.	16 ft. n. of s. curb.
West ave.....	Herkimer st.....	6 in.	R	66	34	5 ft.	8 ft. n. of s. curb.
Herkimer st.....	Baynes st.....	6 in.	H	66	34	5 ft.	6½ ft. n. of s. curb.
Baynes st.....	Richmond ave.....	6 in.	H	66	30	5½ ft.	6 ft. n. of s. curb.
Richmond ave.....	Delaware ave.....	12 in.	H	100	36	5½ ft.	11½ ft. s. of n. curb.
Delaware ave.....	Main st.....	12 in.	H	66	36	5½ ft.	9 ft. s. of n. curb.

FIFTEENTH STREET.

York st.....	Connecticut st.....	6 in.	H	66	28	5 ft.	7½ ft. w. of e. curb.
Connecticut st.....	Vermont st.....	6 in.	H	66	28	5 ft.	6 ft. e. of w. curb.
Vermont st.....	Rhode Island st.....	6 in.	H	66	28	5 ft.	8 ft. e. of w. curb.
Rhode Island st.....	Hampshire st.....	6 in.	H	66	28	5 ft.	7 ft. e. of w. curb.

FLORENCE AVENUE.

Southside Crescent ave. Main st.....	4 in.	H	66	36	4½ ft.	3½ ft. s. of s. curb.
Northside Crescent ave. 200 ft easterly.....	4 in.	H	66	36	4½ ft.	3 ft. n. of n. curb.
Northside 200 ft east ly. Main st.....	1½ in.	H	66	36	4½ ft.	3 ft. n. of n. curb.
Parkside s. side..... 158 ft easterly.....	6 in.	H	66	36	4½ ft.	7½ ft. s. of s. curb.

FLY STREET.

Maiden lane st.....	State st.....	4 in.	R	40	24	4½ ft.	7 ft. e. of w. curb.
State st.....	Evans st.....	6 in.	R	40	24	4½ ft.	5 ft. w. of e. curb.

FOREST AVENUE.

Erie canal.....	Niagara st.....	6 in.	R	66	5 ft.	22 ft. n. of s. line.
Niagara st.....	West ave.....	16 in.	R	66	5½ ft.	8½ ft. n. of s. curb.
West ave.....	Rees st.....	12 in.	R	66	5 ft.	11½ ft. n. of s. curb.
Rees st.....	Carmine pl.....	12 in.	R	100	5 ft.	17½ ft. n. of s. curb.
Carmine pl.....	N. Ashland ave.....	12 in.	H	100	5 ft.	18 ft. n. of n. curb.
Carmine pl.....	Richmond ave.....	6 in.	H	100	4½ ft.	15 ft. n. of n. curb.
Richmond ave.....	N. Norwood ave.....	6 in.	H	100	38	3½ ft. n. of n. curb.
Richmond ave.....	Elmwood ave.....	16 in.	H	100	38	29 ft. n. of n. curb.
N. Ashland ave.....	Elmwood ave.....	12 in.	H	100	38	12 ft. s. of n. curb.
Elmwood ave.....	Lincoln parkway.....	12 in.	H	100	47	11 ft. s. of n. curb.
Elmwood ave.....	Lincoln parkway.....	6 in.	H	100	47	4 ft. s. of n. curb.
Lincoln parkway.....	Delaware ave.....	6 in.	H	100	42	3 ft. n. of n. curb]

FOURTEENTH STREET.

Wadsworth st.....	Porter ave.....	24 in.	H	66	6 ft.	100 ft. e. of w. line.
Porter ave.....	Jersey st.....	6 in.	H	66	5 ft.	5½ ft. e. of w. curb.
Jersey st.....	York st.....	6 in.	H	66	5 ft.	8 ft. w. of e. curb.
York st.....	Connecticut st.....	6 in.	H	66	5 ft.	4½ ft. e. of w. curb.
Connecticut st.....	Hampshire st.....	6 in.	H	66	5 ft.	6 ft. e. of w. curb..

FOURTH STREET.

Genesee st.....	430 ft. northerly.....	4 in.	R	50	4½ ft.	25 ft. e. of w. line.
Georgia st.....	Maryland st.....	6 in.	R	50	5 ft.	6½ ft. w. of e. curb.
Maryland st.....	300 ft. northerly.....	6 in.	R	50	5 ft.	17 ft. w. of e. line.
Pennsylvania st.....	Jersey st.....	10 in.	R	99	5½ ft.	16 ft. e. of w. line.
Jersey st.....	Porter ave.....	6 in.	R	99	5 ft.	64 ft. w. of e. line.
Carolina st.....	390 ft. southerly.....	4 in.	R	50	4½ ft.	2 ft. w. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

FRANKLIN STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Upper Terrace.....	Seneca st.....	4 in.	R	66	32	5 ft.	10 ft. w. of e. curb.
Seneca st.....	Erie st.....	4 in.	R	66	32	5 ft.	16 ft. w. of e. curb.
Erie st.....	Church st.....	8 in.	R	66	42	5 ft.	17½ ft. w. of e. curb.
Church st.....	Niagara st.....	8 in.	R	66	36	5 ft.	17½ ft. w. of e. curb.
Niagara st.....	Chippewa st.....	6 in.	R	66	32	5 ft.	12 ft. w. of e. curb.
Chippewa st.....	Tupper st.....	6 in.	R	66	32	5 ft.	10 ft. w. of e. curb.
Tupper st.....	Allen st.....	6 in.	H	66	32	5 ft.	11 ft. w. of e. curb.
Allen st.....	North st.....	6 in.	H	66	32	5 ft.	8 ft. w. of e. curb.

FRONT AVENUE.

Court st.....	Carolina st.....	6 in.	R	99	42	5 ft.	17 ft. w. of e. curb.
Court st.....	Carolina st.....	20 in.	R	99	42	6 ft.	14 ft. w. of e. curb.
Carolina st.....	Vermont st.....	20 in.	R	99	42	6 ft.	19 ft. w. of e. curb.
Jersey st.....	The Circle.....	48 in.	R	99	42	7 ft.	15 ft. w. of w. curb.
The Circle.....	End of pipe.....	48 in.	R	..	42	7 ft.	East sidewalk.
Jersey st.....	The Circle.....	16 in.	R	99	42	6 ft.	9 ft. w. of w. curb.
The Circle.....	Massachusetts avo.....	16 in.	H	..	..	6 ft.	See map.
216 ft. s. of Connecticut	Rhode Island st.....	6 in.	H	99	42	4½ ft.	11 ft. e. of e. curb.
For park.....	West side of st.....	6 in.	H	99	42	5 ft.	100 ft. n. of Conn.st.
Valve house.....	Hampshire st.....	24 in.	R	99	30	5½ ft.	4½ ft. e. of w. curb.
Valve house.....	Hampshire st.....	16 in.	R	99	30	5½ ft.	4½ ft. w. of e. curb.
Hampshire st.....	Niagara st.....	16 in.	R	99	30	5½ ft.	1 ft. e. of e. curb.

FULLER STREET.

Ontario st.....	1,000 ft. northerly.....	6 in.	R	50	..	4½ ft.	17 ft. e. of w. line.
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GALLATIN AVENUE.

Ontario st.....	Martin st.....	6 in.	R	60	26	5 ft.	5	ft. n. of s. curb.
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GARFIELD AVENUE.

Niagara st.....	Tonawanda st.....	6 in.	R	60	..	5 ft.	25	ft. n. of s. line.
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GARNER AVENUE.

Dewitt st.....	Tryon pl.....	6 in.	R	50	26	5 ft.	5½	ft. n. of s. curb.
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GATES CIRCLE.

W. s. Delaware ave.....	Lafayette ave.....	12 in.	H	..	..	5½ ft.	15	ft. e. of s.w. line.
W. s. Lafayette ave.....	Delaware ave.....	12 in.	H	..	..	5½ ft.	30	ft. e. of n.w. line.
E. s. Delaware ave.....	Lafayette ave.....	6 in.	H	..	..	5 ft.	15	ft. w. of s.e. line.
W. s. Chapin parkway.....	Gates Circle.....	4 in.	H	..	..	5 ft.	44	ft. s. of n. line.

GELSTON STREET.

W. Ferry st.....	75 ft. s. of Lafayette av.	4 in.	R	66	24	5 ft.	8½	ft. e. of w. curb.
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GENESEE STREET.

River st.....	Erie canal.....	6 in.	R	99	42	5 ft.	37	ft. s. of n. curb.
Erie canal.....	Lower Terrace.....	6 in.	R	99	42	5 ft.	15½	ft. n. of s. curb.
Lower Terrace.....	Niagara sq.....	6 in.	R	99	42	5 ft.	13	ft. n. of s. curb.
Niagara sq.....	Franklin st.....	6 in.	R	99	42	5 ft.	4	ft. s. of n. curb.
Franklin st.....	Pearl st.....	4 in.	R	99	42	5 ft.	18	ft. n. of s. curb.
Pearl st.....	Main st.....	4 in.	R	99	42	5 ft.	15½	ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

GEORGIA STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
East of Erie canal.....	Fourth st.....	6 in.	R	66	..	4½ ft.	28 ft. n. of s. line.
Fourth st.....	Front ave.....	6 in.	R	66	34	5½ ft.	10½ ft. n. of s. curb.
Front ave.....	Niagara st.....	4 in.	R	66	32	5½ ft.	13 ft. n. of s. curb.
Niagara st.....	Chippewa st.....	6 in.	R	66	32	5 ft.	13 ft. n. of s. curb.

GERMAIN STREET.

Scajaquada Creek.....	Amherst st.....	6 in.	R	60	..	5 ft.	24 ft. w. of e. line.
Amherst st.....	Grote st.....	6 in.	R	60	26	5 ft.	8 ft. e. of w. curb.

GLOR STREET.

Military road.....	Austin st.....	6 in.	R	60	28	5 ft.	6 ft. e. of w. curb.
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GORTON STREET.

Amherst st.....	Hertel ave.....	6 in.	R	50	28	5 ft.	8 ft. e. of w. curb.
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GRACE STREET.

Niagara st.....	Tonawanda st.....	6 in.	R	60	30	5 ft.	7 ft. n. of s. curb.
Tonawanda st.....	525 ft. easterly.....	6 in.	R	60	26	5 ft.	1½ ft. s. of s. curb.

GRANGER PLACE.

Bird ave.....	Forest ave.....	6 in.	H	60	30	4½ ft.	6 ft. e. of w. curb.
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GRANT STREET.

Hampshire st.....	West Ferry st.....	6 in.	R	60	32	5 ft.	7½ ft. w. of e. curb.
West Ferry st.....	Arnold st.....	6 in.	H	60	32	5 ft.	8 ft. w. of e. curb.
Breckenridge st.....	168 ft. southerly	6 in.	R	60	32	5½ ft.	5 ft. e. of w. curb.
Breckenridge st.....	Auburn ave.....	6 in.	H	60	32	4½ ft.	4 ft. e. of e. curb.
Breckenridge st.....	Auchinvole ave.....	6 in.	H	60	32	4½ ft.	4 ft. w. of w. curb.
Auchinvole ave.....	Auburn ave.....	6 in.	R	60	32	4½ ft.	3 ft. w. of w. curb.
Auburn ave.....	Lafayette ave.....	6 in.	H	60	32	5 ft.	16 ft. w. of e. curb.
Lafayette ave.....	Letchworth st.....	6 in.	R	60	32	5 ft.	7 ft. e. of w. curb.
Letchworth st.....	Seajaquada parkway...	10 in.	R	60	32	5½ ft.	5 ft. e. of e. curb.
Seajaquada parkway...	Amherst st.....	10 in.	R	60	32	5½ ft.	6½ ft. e. of w. curb.
Amherst st.....	Military rd.....	10 in.	R	60	32	5½ ft.	5½ ft. e. of w. curb.

GREENFIELD STREET.

Main st.....	Elam pl.....	6 in.	H	66	28	3½ ft.	4 ft. n. of s. curb.
Elam pl.....	Amherst st.....	6 in.	H	66	28	4½ ft.	9 ft. e. of w. curb.

GREENWOOD PLACE.

Lafayette ave.....	Potomac ave.....	6 in.	R	60	30	5 ft.	6 ft. e. of w. curb.
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GROTE STREET.

Military road.....	Bridgeman st.....	6 in.	R	60	24	5 ft.	6½ ft. n. of s. curb.
Bridgeman st.....	N. Y. C. & H. R. R.....	4 in.	R	60	24	5 ft.	5½ ft. n. of s. curb.
N. Y. C. & H. R. R.....	Elmwood ave.....	6 in.	R	60	30	5 ft.	3 ft. n. of s. curb.

GUERNSEY STREET.

Austin st.....	Farmer st.....	6 in.	R	45	18	4½ ft.	2 ft. e. of w. curb.
Farmer st.....	Hertel ave.....	6 in.	R	38	18	4½ ft.	½ ft. w. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

From		To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
GULL STREET.								
Niagara st.	N. Y. C. R.	R.	4 in.	R	35	..	5½ ft.	8 ft. n. of s. line.
HAMILTON STREET.								
Niagara st.	East st.	R	6 in.	R	66	28	5 ft.	6 ft. s. of n. curb.
East st.	D. L. & W. R.	R	6 in.	R	66	28	5 ft.	10 ft. s. of n. curb.
HAMPSHIRE STREET.								
Front ave.	Normal ave.	R	24 in.	R	66	30	5½ ft.	9½ ft. s. of n. curb.
Through park.	Albany st.	R	24 & 36 in.	R	..	..	8 ft.	See map.
Prospect ave.	Plymouth ave.	H	6 in.	H	66	30	5 ft.	9½ ft. n. of s. curb.
Normal ave.	Eighteenth st.	H	6 in.	H	66	30	5 ft.	3 ft. n. of s. curb.
Eighteenth st.	Nineteenth st.	H	6 in.	H	66	30	5 ft.	6 ft. s. of s. curb.
HANOVER STREET.								
Main st.	Prime st.	R	4 in.	R	40	28	4½ ft.	11½ ft. s. of n. curb.
HAROLD AVENUE.								
Chadduck ave.	Rano st.	R	6 in.	R	60	26	5 ft.	9 ft. n. of s. curb.
HARP PLACE.								
Guernsey st.	Easterly	R	2 in.	R	..	..	..	Private.

HARTMAN PLACE.

Grace st.....	Arthur st.....	6 in.	R	50	26	4½ ft.	5½ ft. e. of w. curb.
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HARVARD PLACE.

Balcom st.....	Lafayette ave.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
Lafayette ave.....	Delavan ave.....	6 in.	H	66	30	5 ft.	3 ft. e. of w. curb.

HAWLEY STREET.

Forest ave.....	Letchworth st.....	6 in.	R	60	30	5 ft.	9 ft. e. of w. curb.
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HEATH STREET.

180 ft. w. of Mildred st..	Mildred st.....	6 in.	H	60	..	5 ft.	23 ft. n. of s. line.
Mildred st.....	Main st.....	6 in.	H	60	..	5 ft.	29 ft. n. of s. line.

HELEN STREET.

Dewitt st.....	Herkimer st.....	6 in.	R	50	26	5 ft.	9 ft. n. of s. curb.
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HENRY STREET.

Erie canal.....	Lower Terrace.....	6 in.	R	40	26	4½ ft.	9 ft. n. of s. curb.
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HERBERT PLACE.

Kenmore ave.....	117 ft. southerly.....	4 in.	H	50	..	4½ ft.	17 ft. e. of w. line.
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HERKIMER STREET.

Albany st.....	West Ferry st.....	24 in.	R	60	30	5½ ft.	2½ ft. w. of w. curb.
West Ferry st.....	Lafayette ave.....	24 in.	R	66	30	5½ ft.	6 ft. e. of w. curb.
Lafayette ave.....	Potomac ave.....	20 in.	R	66	30	5½ ft.	4½ ft. e. of w. curb.
Potomac ave.....	Bird ave.....	6 in.	R	66	30	4½ ft.	4 ft. e. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

HERTEL AVENUE.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Dann st.....	Erie canal.....	6 in.	R	50	5 ft.	9 ft. s. of hydt. at Dann st.
Erie canal.....	Niagara st.....	6 in.	R	50	5 ft.	3 ft. n. of s. curb.
Niagara st.....	East st.....	6 in.	R	50	5 ft.	6 ft. s. of n. curb.
East st.....	Military road.....	16 in.	R	50	5 ft.	7 ft. s. of n. curb.
Military road.....	Tuxedo pl.....	16 in.	R	66	5 ft.	13 ft. n. of s. curb.
Tuxedo pl.....	Stewart ave.....	16 in.	R	66	5½ ft.	9½ ft. n. of s. curb.
Stewart ave.....	Delaware ave.....	16 in.	H	66	5 ft.	9½ ft. n. of s. curb.
Delaware ave.....	350 ft. east of Wesley st.	16 in.	H	50	5 ft.	11 ft. n. of s. curb.
350 ft. e. of Wesley st.....	Main st.....	16 in.	H	66	5 ft.	11 ft. n. of s. curb.

HEWARD AVENUE.

End of street.....	Tonawanda st.....	6 in.	R	60	5 ft.	6½ ft. n. of s. curb.
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HIGHLAND AVENUE.

Richmond ave.....	Norwood ave.....	3 in.	H	66	4½ ft.	4 ft. s. of s. curb.
Norwood ave.....	Ashland ave.....	3 in.	H	66	4½ ft.	4½ ft. n. of n. curb.
Ashland ave.....	Elmwood ave.....	3 in.	H	66	4½ ft.	4 ft. s. of s. curb.
Ashland ave.....	Elmwood ave.....	3 & 4 in.	H	66	4½ ft.	4½ ft. n. of n. curb.
Elmwood ave.....	500 ft. easterly.....	6 in.	H	66	4½ ft.	4½ ft. n. of n. curb.
500 ft. easterly.....	Delaware ave.....	6 in.	H	66	4½ ft.	9 ft. s. of s. curb.

HINMAN AVENUE.

Eugene st.....	535 ft. westerly.....	6 in.	H	60	5 ft.	8 ft. s. of center.
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HODGE AVENUE.									
Ashland ave.....	Delaware ave.....	6 in.	H	60	30	5 ft.	8 ft. n. of s. curb.		
HOFFMAN PLACE.									
303 ft. southerly.....	Hamilton st.....	4 in.	R	11½	..	5 ft.	2½ ft. e. of w. line.		
Hamilton st.....	Austin st.....	3 in.	R	27½	18	4½ ft.	1 ft. e. of e. curb.		
HORTON PLACE.									
Lafayette ave.....	Delavan ave.....	6 in.	H	60	28	5 ft.	4½ ft. e. of e. curb.		
HOWELL STREET.									
Scajaquada Creek.....	Amherst st.....	6 in.	R	60	..	5 ft.	17½ ft. e. of w. line.		
Amherst st.....	Grote st.....	6 in.	R	60	26	5 ft.	5½ ft. e. of w. curb.		
Grote st.....	Chandler st.....	6 in.	R	50	26	5 ft.	5 ft. e. of w. curb.		
HOYT STREET.									
West Ferry st.....	Breckenridge st.....	6 in.	H	66	30	5 ft.	5 ft. e. of w. curb.		
Breckenridge st.....	Lafayette ave.....	6 in.	H	66	30	5 ft.	6½ ft. e. of w. curb.		
Lafayette ave.....	Bird ave.....	6 in.	R	66	30	5 ft.	6 ft. e. of w. curb.		
Bird ave.....	Forest ave.....	6 in.	R	60	30	5 ft.	9 ft. e. of w. curb.		
HUDSON STREET.									
West of Erie canal.....	East of Erie canal.....	1½ in.	R	66	..	..	See map.		
Erie canal.....	Front ave.....	4 in.	R	66	32	5 ft.	7 ft. n. of s. curb.		
Front ave.....	Seventh st.....	20 in.	R	66	32	5 ft.	6½ ft. s. of n. curb.		
Niagara st.....	Southerly n. side.....	¾ in.	R	66	32	..	North sidewalk.		
Niagara st.....	Southerly s. side.....	¾ in.	R	66	32	..	South sidewalk.		
Niagara st.....	Prospect ave.....	10 in.	R	66	42	5 ft.	12 ft. s. of n. curb.		
Prospect ave.....	West ave.....	10 in.	R	66	36	5 ft.	9 ft. s. of n. curb.		
West ave.....	Cottage st.....	10 in.	H	66	36	5 ft.	9 ft. s. of n. curb.		
Cottage st.....	Plymouth ave.....	6 in.	H	66	36	5 ft.	12 ft. s. of n. curb.		
Plymouth ave.....	Wadsworth st.....	6 in.	H	66	28	5 ft.	10 ft. s. of n. curb.		

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

HUMBOLDT PARKWAY.

From	To	Size.	System.	Width.	Paving Width.	Depth of Main.	Location.
Agassiz pl.....	Main st n. side.....	6 in.	H	200	25	4½ ft.	16 ft. n. of n. curb.
Agassiz pl.....	Main st. s. side.....	6 in.	H	200	25	4½ ft.	In sewer trench.

HUNT AVENUE.

Tonawanda st.....	Riverside ave.....	6 in.	H	60	30	5 ft.	8 ft. n. of s. curb.
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HUNTINGTON AVENUE.

Parkside ave.....	Main st.....	6 in.	H	70	30	5 ft.	8 ft. n. of s. curb.
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HURON STREET.

Niagara st.....	Delaware ave.....	12 in.	R	66	30	5 ft.	11 ft. n. of s. curb.
Delaware ave.....	Pearl st.....	12 in.	R	66	36	5 ft.	12 ft. n. of s. curb.
Prospect ave.....	Delaware ave.....	36 in.	R	66	30	5 ft.	9 ft. s. of n. curb.
Delaware ave.....	Main st.....	36 in.	R	66	36	6 ft.	9 ft. s. of n. curb.
Delaware ave.....	Franklin st.....	4 in.	R	66	36	5 ft.	14 ft. n. of s. curb.
Pearl st.....	Main st.....	4 in.	H	66	36	4½ ft.	11 ft. n. of s. curb.

INWOOD PLACE.

Windsor ave.....	Delaware ave.....	6 in.	H	66	30	5 ft.	15 ft. n. of s. curb.
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IRVING PLACE.

Allen st.....	North st.....	6 in.	H	50	24	4½ ft.	6½ ft. e. of w. curb.
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JACKSON STREET.

Genesee st.....	Court pl.....	4 in.	R	40	26	4½ ft.	9 ft. e. of w. curb.
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JERSEY STREET.

Porter ave. through park property	Jersey st.....	6 in.	R	..	..	5 ft.	5 ft. e. of E. R. R. line.
N. Y. C. & H. R. R.....	Erie canal.....	6 in.	R	66	..	5 ft.	25 ft. n. of s. line
Erie canal.....	Fourth st.....	6 in.	R	66	30	5 ft.	11 ft. n. of s. curb.
Fourth st.....	Front ave.....	10 in.	R	66	30	5 ft.	8 ft. n. of s. curb.
Front ave.....	Porter ave.....	16 in.	R	66	26	5 ft.	8½ ft. s. of n. curb.
Front ave.....	Porter ave.....	48 in.	R	66	26	7 ft.	8 ft. n. of s. curb.
Porter ave.....	Richmond ave.....	16 in.	R	66	26	5½ ft.	9½ ft. s. of n. curb.
Fourteenth st.....	200 ft. easterly.....	6 in.	H	66	26	4½ ft.	4 ft. n. of n. curb.

JESSEMINIE STREET.

Grant st.....	Reas st.....	6 in.	R	40	..	4½ ft.	25 ft. n. of s. line.
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JEWETT AVENUE.

Parkside ave.....	Crescent ave.....	6 in.	H	70	35	5 ft.	12 ft. s. of s. curb.
Crescent ave.....	Main st.....	6 in.	H	70	35	5 ft.	1 ft. s. of n. curb.
Crescent ave.....	Main st.....	2 in.	H	70	35	4 ft.	10 ft. s. of s. curb.

JOHN STREET.

Bemis alley.....	Seneca st.....	4 in.	H	20	20	4½ ft.	5 ft. e. of w. line.
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JOHNSON PARK.

Carolina st.....	N. and s. drive.....	4 in.	R	40	24	5 ft.	4 ft. n. of s. curb.
N. and s. drive.....	Delaware ave., n. s....	4 in.	R	40	24	4½ ft.	11 ft. n. of s. curb.
N. and s. drive.....	Delaware ave., s. s....	4 in.	R	40	24	4½ ft.	12 ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

JOSLYN PLACE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Austin st.....	End of st.....	4 in.	R	50	26	5 ft.	10 ft. e. of w. curb.

KAIL STREET.

Amherst st.....	Austin st.....	6 in.	R	60	28	4½ ft.	7 ft. e. of w. curb.
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KENMORE AVENUE.

Eugene st.....	Delaware ave.....	6 in.	H	50	..	4½ ft.	5½ ft. n. of hydr.
Delaware ave.....	Myron pl.....	6 in.	H	50	..	4½ ft.	15 ft. n. of s. line.
Myron pl.....	Kasota ave.....	6 in.	H	50	..	4½ ft.	14 ft. n. of s. line.

KETCHUM PLACE.

Jersey st.....	York st.....	6 in.	H	50	22	5 ft.	7 ft. e. of w. curb.
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KREMLIN ALLEY.

Niagara st.....	Eagle st.....	4 in.	R	15	15	4½ ft.	7 ft. w. of e. line.
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LECOUTEULX STREET.

Water st.....	Canal st.....	6 in.	R	40	26	4½ ft.	6 ft. s. of n. curb.
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BUREAU OF WATER.

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LAFAYETTE AVENUE.

Niagara st.....	Dewitt st.....	6 in.	R	100	40	4½ ft.	11½ ft. s. of n. curb.
Dewitt st.....	Herkimer st.....	6 in.	R	100	40	4½ ft.	18 ft. s. of n. curb.
Herkimer st.....	3aynes st.....	12 in.	R	100	40	5 ft.	19 ft. s. of n. curb.
Baynes st.....	Gates Circle.....	12 in.	H	100	40	5 ft.	9 ft. n. of s. curb.
55 ft. e. of Putnam st..	Bidwell pl.....	6 in.	H	100	40	5 ft.	5 ft. n. of n. curb.
Gates Circle.....	Main st.....	6 in.	H	66	30	5 ft.	6 ft. n. of s. curb.

LAFORCE PLACE.

Hertel ave.....	831 ft. northerly.....	6 in.	R	66	..	5 ft.	22 ft. e. of w. line.
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LAIRD AVENUE.

Tonawanda st.....	Condon st.....	6 in.	R	50	..	4½ ft.	8 ft s. of center of street.
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LAKE STREET.

Hanover st.....	Lloyd st.....	4 in.	R	50	34	6 ft.	1 ft. w. of w. curb.
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LAKEVIEW AVENUE.

Pennsylvania st.....	Porter ave.....	6 in.	R	99	28	5 ft.	6½ ft. w. of e. curb.
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LAMONT PLACE.

Ontario st.....	Heward ave.....	6 in.	R	60	..	5 ft.	17 ft. e. of w. line.
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LANCASTER AVENUE.

Elmwood ave.....	Delaware ave.....	6 in.	H	60	30	5 ft.	6 ft. n. of s. curb.
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LANSING STREET.

Joslyn pl.....	Military road.....	4 in.	R	50	..	4½ ft.	18 ft. n. of s. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

LAWRENCE PLACE.					Depth of Main.	Location.
From	To	Size.	System.	Street Width.	Paving Width.	
Massachusetts ave.....	Hampshire st.....	6 in.	H	66	28	5 ft. 8 ft. e. of w. curb.
LAYER AVENUE.						
Simon st.....	Clayton st.....	6 in.	R	50	..	5 ft. 8 ft. s. of center of street.
LEDGER STREET.						
Hertel ave.....	1,300 ft. southerly.....	6 in.	R	50	..	4½ ft. 8 ft. w. of center of street.
LETCHWORTH STREET.						
Dart st.....	Grant st.....	10 in.	R	60	28	5 ft. 4 ft. n. of n. curb.
Dart st.....	Grant st.....	6 in.	R	60	28	4½ ft. 8 ft. n. of s. curb.
Grant st.....	Rees st.....	10 in.	R	40	..	5½ ft. 30 ft. s. of n. line.
LEXINGTON AVENUE.						
Richmond ave.....	Delaware ave.....	6 in.	H	60	30	5 ft. 7 ft. n. of s. curb.
LINCOLN PARKWAY.						
Forest ave.....	Delaware park.....	6 in.	H	200	24	5 ft. 15 ft. w. of w. curb.
Soldiers pl.....	S. line of Delaware park	6 in.	H	200	24	5 ft. 24 ft. e. of e. curb.
Forest ave.....	270 ft. southerly.....	6 in.	H	200	24	5 ft. 28 ft. w. of e. curb.
270 ft. southerly.....	Soldiers pl.....	6 in.	H	200	24	5 ft. 16½ ft. e. of e. curb.

BUREAU OF WATER.

805

LINDEN AVENUE.

Niag. Falls boulevard..Parkside ave.....	6 in.	H	75	32	4½ ft.	8	ft. s. of n. curb.
Parkside ave.....Starin ave.....	6 in.	H	75	32	4½ ft.	11	ft. n. of s. curb.

LINWOOD AVENUE.

North st.....Ferry st.....	6 in.	H	100	38	5 ft.	14	ft. w. of e. curb.
Ferry st.....Delavan ave.....	6 in.	H	99	38	5 ft.	13	ft. e. of w. curb.

LIVINGSTON STREET.

Ferry st.....Breckenridge st.....	6 in.	H	60	28	5 ft.	7	ft. e. of w. curb.
E. s. Breckenridge st...230 ft. s. of Auburn ave.	6 in.	H	60	28	5 ft.	3	ft. e. of e. curb.
W. s. Breckenridge st...230 ft. s. of Auburn ave.	4 in.	H	60	28	4½ ft.	3	ft. w. of w. curb.
230 ft. s. of Auburn ave..Auburn ave.....	6 in.	H	60	28	5 ft.	6	ft. e. of w. curb.
W. s. of Auburn ave...Lafayette ave.....	4 in.	H	60	28	4½ ft.	2½	ft. w. of w. curb.
E. s. of Auburn ave...Lafayette ave.....	4 in.	H	60	28	4½ ft.	3	ft. e. of e. curb.

LLOYD STREET.

Prime st.....West end of bridge....	6 in.	R	50	30	5 ft.	12½	ft. n. of s. curb.
West end of bridge....Main st.....	4 in.	R	50	30	5 ft.	12½	ft. n. of s. curb.

LOCK STREET.

Lower Terrace.....Erie st.....	6 in.	R	32	20	4½ ft.	8	ft. w. of e. curb.
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LOWELL PLACE.

Vermont st.....Rhode Island st.....	6 in.	H	50	24	5 ft.	7	ft. e. of w. curb
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

MAIN STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Ohio st.	Prime st.	6 in.	R	99	60	5 ft.	36½ ft. w. of e. curb.
Prime st.	Quay st.	10 in.	R	99	58	5 ft.	26½ ft. w. of e. curb.
Quay st.	Lower Terrace.	6 in.	R	99	58	5 ft.	28 ft. w. of e. curb.
100 ft. southerly.	Exchange st.	6 in.	R	99	58	5 ft.	29 ft. w. of e. curb.
Exchange st.	Tupper st.	12 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Tupper st.	Goodell st.	12 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Goodell st.	Allen st.	16 in.	H	99	58	5½ ft.	28 ft. w. of e. curb.
Allen st.	North st.	20 in.	H	99	58	5½ ft.	12½ ft. w. of e. curb.
High st.	North st.	12 in.	H	99	58	5½ ft.	4 ft. w. of e. curb.
North st.	Ferry st.	20 in.	H	99	50	5 ft.	11½ ft. w. of e. curb.
Ferry st.	Michigan st.	16 in.	H	99	50	5 ft.	4 ft. w. of e. curb.
Michigan st.	Delavan ave.	16 in.	H	99	50	5 ft.	2 ft. e. of e. curb.
Delavan ave.	Amherst st.	16 in.	H	99	50	5 ft.	5½ ft. e. of e. curb.
Ferry st.	Lafayette ave.	4 in.	H	99	50	4½ ft.	13 ft. w. of w. curb.
Delavan ave.	Scajaquada Creek.	36 in.	H	99	50	7 ft.	6 ft. w. of w. curb.
Scajaquada Creek.	Leroy.	4 in.	H	99	50	7 ft.	9 ft. e. of w. curb.
200 ft. s. of Delavan ave.	Delavan ave.	4 in.	H	99	50	4½ ft.	13 ft. w. of w. curb.
Humboldt parkway.	500 ft. n. of Oakwood pl.	4 in.	H	99	50	5 ft.	20 ft. w. of w. curb.
Vernon st.	167 ft. southerly	4 in.	H	99	50	5 ft.	13 ft. w. of w. curb.
Greenfield st.	Fairfield ave.	6 in.	H	99	50	5 ft.	11 ft. w. of w. curb.
167 ft. southerly.	250 ft. southerly	4 in.	H	99	50	5 ft.	20 ft. w. of w. curb.
Amherst st.	Morris ave.	4 in.	H	99	40	5 ft.	10 ft. w. of w. curb.
Morris ave.	Hertel ave.	4 in.	H	99	40	5 ft.	20 ft. w. of w. curb.
Amherst st.	Lasalle st.	16 in.	H	99	40	5½ ft.	6 ft. e. of e. curb.
Lasalle st.	Sutton lane.	16 in.	H	99	40	5½ ft.	12 ft. e. of e. curb.
Sutton lane.	Erie Co. Hospital.	16 in.	H	99	40	5 ft.	4 ft. e. of e. curb.
Erie Co. Hospital.	City Line.	16 in.	H	99	40	5½ ft.	13 ft. w. of w. curb.
Merrimac st.	175 ft. n. of Heath st.	6 in.	H	99	40	5 ft.	3 ft. w. of w. curb.

BUREAU OF WATER.

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MAIDEN LANE.

Fly st.....Canal st.....	6 in.	R	40	24	4½ ft.	5	ft. s. of n. curb.
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MANDAN STREET.

Troost st.....Hertel ave.....	6 in.	R	50	..	5 ft.	21	ft. e. of w. line.
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MARINER STREET.

Virginia st.....Allen st.....	6 in.	H	50	26	5 ft.	6	ft. w. of e. curb.
Allen st.....North st.....	6 in.	H	50	26	5 ft.	8	ft. w. of e. curb.

MARION STREET.

Bridgeman st.....N. Y. C. & H. R. R.....	6 in.	R	60	28	5 ft.	4	ft. n. of s. curb.
N. Y. C. & H. R. R. Elmwood ave.....	6 in.	R	50	28	5 ft.	5½	ft. n. of s. curb.

MARTIN STREET.

Tonawanda st.....Gallatin ave.....	6 in.	R	66	30	5 ft.	9	ft. n. of s. curb.
Gallatin ave.....Mayer ave.....	6 in.	R	57	30	5 ft.	9	ft. n. of s. curb.

MARYLAND STREET.

100 ft. w. of Fourth st.. Seventh st.....	4 in.	R	66	30	5 ft.	11	ft. n. of s. curb.
Seventh st.....Niagara st.....	6 in.	R	66	42	5 ft.	15	ft. n. of s. curb.
Niagara st.....West ave.....	6 in.	R	66	32	5 ft.	8½	ft. n. of s. curb.
West ave.....Twelfth st.....	6 in.	H	66	32	5 ft.	8	ft. n. of s. curb.
Cottage st.....Angle of st.....	6 in.	H	66	28	5 ft.	11	ft. s. of n. curb.
Angle of st.....Cottage st.....	6 in.	H	66	26	5 ft.	4	ft. s. of n. curb.

MASON STREET.

Breckenridge st.....Auburn ave.....	6 in.	R	33	..	4½ ft.	17	ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

MASSACHUSETTS AVENUE.

From	To	Size.	System.	Width.	Paving Width.	Depth of Main.	Location.
Front ave.....	Seventh st.....	16 in.	R	66	30	5½ ft.	5 ft. n. of n. curb.
Front ave.....	Seventh st.....	6 in.	H	66	30	5 ft.	15 ft. n. of s. curb.
Front ave.....	Seventh st.....	30 in.	H	66	30	5½ ft.	33 ft. n. of n. curb.
Seventh st.....	Niagara st.....	20 in.	H	66	30	5½ ft.	5 ft. n. of s. curb.
Seventh st.....	Prospect ave.....	36 in.	R	66	30	6 ft.	5 ft. n. of n. curb.
Seventh st.....	Utica st.....	36 in.	R	66	30	6 ft.	11½ ft. n. of s. curb.
Niagara st.....	Chenango st.....	6 in.	H	66	30	5 ft.	8½ ft. n. of s. curb.
Chenango st.....	West Ferry st.....	6 in.	H	66	30	5 ft.	6 ft. n. of s. curb.

MAYER AVENUE.

Ontario st.....	Rano st.....	6 in.	R	60	26	5 ft.	6 ft. n. of s. curb.
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MAYNARD STREET.

West Ferry st.....	Breckenridge st.....	6 in.	H	50	28	5 ft.	6 ft. e. of w. curb.
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McMILLAN ALLEY.

Erie st.....	Buffalo River.....	4 in.	R	..	..	4½ ft.	10 ft. w. of e. line.
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MECHANIC STREET.

Erie Canal.....	Lower Terrace.....	6 in.	R	50	30	4½ ft.	3 ft. n. of s. curb.
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MERRIMAC STREET.

Angle	Mildred ave.....	6 in.	H	60	..	5 ft.	10 ft. n. of center.
Mildred ave.....	Cornell st.....	6 in.	H	60	..	5 ft.	22 ft. s. of n. line.
Cornell st.....	Main st.....	6 in.	H	60	..	5 ft.	25 ft. s. of n. line.

MILDRED AVENUE.

Tyler st.....	Heath st.....	6 in.	H	60	..	5 ft.	22 ft. e. of w. line.
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MILITARY ROAD.

Amherst st.....	Austin st.....	6 in.	R	66	40	5 ft.	17 ft. w. of e. curb.
Austin st.....	Hertel ave.....	10 in.	R	66	30	5 ft.	11 ft. w. of e. curb.
Hertel ave.....	Idaho st.....	10 in.	R	66	30	5 ft.	7 ft. w. of e. curb.
Idaho st.....	City Line.....	12 in.	R	66	30	5 ft.	5½ ft. w. of e. curb.

MOHAWK STREET.

Wilkeson st.....	Niagara st.....	4 in.	R	66	30	4½ ft.	5 ft. n. of s. curb.
Niagara st.....	Morgan st.....	6 in.	R	66	42	5 ft.	24 ft. s. of n. curb.
Morgan st.....	Genesee st.....	6 in.	R	66	32	5 ft.	13 ft. n. of s. curb.
Genesee st.....	Main st.....	6 in.	R	66	42	5 ft.	18 ft. n. of s. curb.

MORGAN STREET.

Eagle st.....	Genesee st.....	4 in.	R	66	42	5 ft.	12 ft. w. of e. curb.
Genesee st.....	Niagara st.....	4 in.	R	66	36	5 ft.	12½ ft. e. of w. curb.
Mohawk st.....	Chippewa st.....	4 in.	R	66	36	5 ft.	10 ft. e. of w. curb.

MORRIS AVENUE.

Linden ave.....	Starin ave.....	6 in.	H	75	33	6 ft.	8 ft. n. of s. curb.
Starin ave.....	Beard ave.....	6 in.	H	75	33	5 ft.	15 ft. n. of s. curb.

NEWFIELD STREET.

Ontario st.....	New York Central R. R.	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

NIAGARA STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Main st.	Pearl st.	16 in.	R	99	60	5 ft.	12½ ft. w. of e. curb.
Pearl st.	Niagara sq.	16 in.	R	99	58	5 ft.	12½ ft. w. of e. curb.
Niagara sq.	Mohawk st.	16 in.	R	99	55	5 ft.	16 ft. w. of e. curb.
Mohawk st.	Porter ave.	16 in.	R	99	54	5 ft.	15 ft. w. of e. curb.
Porter ave.	Connecticut st.	16 in.	R	99	50	5½ ft.	13½ ft. w. of e. curb.
Connecticut st.	250 ft. northerly	16 in.	R	99	52	5½ ft.	5 ft. w. of e. curb.
250 ft. northerly	Vermont st.	20 in.	R	99	52	5½ ft.	3 ft. w. of e. curb.
Vermont st.	Rhode Island st.	20 in.	H	99	52	5½ ft.	4 ft. w. of e. curb.
Rhode Island st.	Seventh st.	20 in.	H	..	..	....	N. w. through private property.
Connecticut st.	Massachusetts ave.	20 in.	H	99	52	5½ ft.	8 ft. w. of w. curb.
Rhode Island st.	123 ft. southerly	4 in.	H	99	52	4½ ft.	4½ ft. e. of e. curb.
Rhode Island st.	Massachusetts ave.	4 in.	H	99	52	4½ ft.	4 ft. e. of e. curb.
Massachusetts ave.	Front ave.	6 in.	H	99	52	5 ft.	13 ft. w. of e. curb.
Front ave.	Breckenridge st., e. s.	16 in.	R	99	52	5 ft.	4 ft. e. of e. curb.
Albany st.	Forest ave., w. s.	4 in.	R	99	52	4½ ft.	4 ft. w. of w. curb.
Breckenridge st.	400 ft. northerly	4 in.	R	99	52	4½ ft.	4 ft. e. of e. curb.
Breckenridge st.	Auburn ave.	10 in.	R	99	52	6 ft.	6½ ft. w. of e. curb.
Auburn ave.	Forest ave.	10 in.	R	99	52	6 ft.	3 ft. e. of e. curb.
250 ft. s. of Lafayette ave.	Forest ave.	10 in.	R	99	52	4½ ft.	4½ ft. e. of e. curb.
Forest ave.	Tonawanda st.	16 in.	R	99	60	5 ft.	3 ft. w. of w. curb.
Tonawanda st.	Wayne st.	16 in.	R	99	60	5 ft.	2½ ft. w. of e. curb.
Wayne st.	Parish st.	16 in.	R	99	60	5 ft.	1½ ft. e. of e. curb.
Parish st.	Amherst st.	6 in.	R	99	60	5 ft.	18 ft. w. of e. curb.
Amherst st.	Hertel ave.	6 in.	R	99	60	5 ft.	17½ ft. w. of e. curb.
Hertel ave.	Cornelius Creek	6 in.	R	99	42	5 ft.	10½ ft. w. of e. curb.
Cornelius Creek	Briggs ave.	6 in.	R	99	36	5 ft.	8 ft. w. of e. curb.
Briggs	Crowley ave.	6 in.	R	66	36	5 ft.	6 ft. e. of e. curb.
Crowley ave	400 ft. s. of City Line.	6 in.	R	66	36	5 ft.	2 ft. w. of e. curb.
400 ft. s. of City Line.	340 ft. s. of City Line.	6 in.	R	66	36	7 ft.	4 ft. e. of e. curb.

NIAGARA FALLS BOULEVARD.

Amherst st.....Hertel ave.....	16 in.	H	100	..	5½ ft.	42 ft. e. of w. line.
Hertel ave.....Taunton ave.....	16 in.	H	100	..	5½ ft.	8 ft. w. of center.

NIAGARA SQUARE.

Delaware ave.....Genesee st.....	4 in.	R	..	..	5 ft.	3 ft. n. of n. curb.
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NINETEENTH STREET.

Rhode Island st.....Ferry st.....	6 in.	H	50	24	5 ft.	6 ft. w. of e. curb.
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NORMAL AVENUE.

Pennsylvania st.....Porter ave.....	6 in.	H	66	26	4½ ft.	6 ft. e. of w. curb.
390 ft. s. of York st.....York st.....	4 in.	H	66	30	4½ ft.	3 ft. w. of w. curb.
York st.....Massachusetts ave.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
Massachusetts ave.....Hampshire st.....	6 in.	H	66	30	5 ft.	4½ ft. e. of w. curb.
Hampshire st.....Albany st.....	3 in.	R	66	30	4 ft.	4 ft. w. of w. curb.

NORTH STREET.

The Circle.....Delaware ave.....	48 in.	R	73½	30	7 ft.	15 ft. n. of s. curb.
The Circle.....Delaware ave.....	12 in.	H	73½	30	5 ft.	8½ ft. n. of s. curb.
Delaware ave.....Main st.....	48 in.	R	49½	30	7 ft.	15 ft. n. of s. curb.
Delaware ave.....Main st.....	12 in.	R	49½	30	5 ft.	8½ ft. n. of s. curb.

NORTH ASHLAND AVENUE.

Potomac ave.....Forest ave.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
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NORTH NORWOOD AVENUE.

Delavan ave.....Forest ave.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

NORTH PEARL STREET.					
From	To	Size.	System.	Street Width.	Depth of Main.
Virginia st.	North st.	6 in.	H	66	5 ft.
Allen st.	North st.	6 in.	H	66	5 ft.
NORTON STREET.					
Water st.	Peacock st.	6 in.	R	40	5 ft.
NORWALK AVENUE.					
Linden ave.	Hertel ave.	6 in.	H	66	5 ft.
Hertel ave.	800 ft. northerly	6 in.	H	66	5 ft.
NORWOOD AVENUE.					
Summer st.	Lafayette ave.	6 in.	H	66	5 ft.
NORWOOD PLACE.					
Baynes st.	Richmond ave.	6 in.	H	66	5 ft.
OAKLAND PLACE.					
Summer st.	Bryant st.	6 in.	H	95	5 ft.
OAKWOOD PLACE.					
Parkside ave.	Main st.	6 in.	H	66	5 ft.
Location.					
7 ft. e. of w. curb.					
7 ft. e. of w. curb.					
17 ft. e. of w. curb.					
26 ft. e. of w. line.					
22 ft. e. of w. line.					
6 ft. e. of w. curb.					
14½ ft. n. of s. curb.					
6 ft. w. of w. curb.					
15 ft. s. of n. curb.					

BUREAU OF WATER.

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ONTARIO STREET.

Niagara st.....	Tonawanda st.....	10 in.	R	66	30	5 ft.	3 ft. e. of w. curb.
Tonawanda st.....	Philadelphia st.....	16 in.	R	66	30	5½ ft.	6 ft. w. of e. curb.
Philadelphia st.....	Skillen st.....	12 in.	R	66	30	5 ft.	5½ ft. w. of e. curb.
Skillen st.....	City Line.....	6 in.	R	66	30	5 ft.	6 ft. w. of e. curb.

ORCHARD PLACE.

Fairfield pl. n. side.....	125 ft. w. of Main st..	6 in.	H	50	24	4½ ft.	7 ft. n. of n. curb.
Fairfield pl. s. side.....	280 ft. easterly.....	4 in.	H	50	24	5 ft.	5 ft. s. of s. curb.

ORTON PLACE.

Hudson st.....	Pennsylvania ave.....	6 in.	H	50	24	5 ft.	6 ft. e. of w. curb.
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OXFORD PLACE.

Ferry st.....	Balcom st., w. side.....	6 in.	H	60	30	4½ ft.	12 ft. w. of w. curb.
Ferry st.....	Balcom st., e. side.....	4 in.	H	60	30	4½ ft.	12½ ft. e. of e. curb.
Balcom st.....	Lafayette ave., e. side..	6 in.	H	60	24	5 ft.	10½ ft. e. of e. curb.
Lafayette	Delavan ave., e. side..	6 4 in.	H	60	28	4½ ft.	6 ft. e. of e. curb.

PACIFIC STREET.

Hertel ave.....	619 ft. southerly.....	6 in.	R	50	..	5 ft.	17 ft. e. of w. line.
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PACIFIC PLACE.

Auburn ave.....	Lancaster ave.....	6 in.	H	66	30	5 ft.	6½ ft. e. of w. curb.
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PARISH STREET.

Niagara st.....	East st.....	16 in.	R	66	30	5 ft.	9 ft. n. of s. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

PARK STREET.							
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Virginia st.....	North st.....	6 in.	H	50	26	4½ ft.	7 ft. w. of e. curb.
PARKER AVENUE.							
Vernon st.....	Amherst st.....	4 in.	H	66	30	4½ ft.	11 ft. w. of w. curb. or in sewer trench.
Amherst st.....	Beard ave.....	6 in.	H	66	30	5 ft.	1 ft. w. of e. curb.
Amherst st.....	Hertel ave.....	12 in.	H	66	30	5 ft.	14 ft. w. of e. curb.
PARKSIDE AVENUE.							
Agassiz pl.....	Oakwood pl.....	6 in.	H	80	40	5 ft.	10½ ft. w. of e. curb.
Oakwood pl.....	Jewett ave.....	6 in.	H	80	40	5 ft.	28 ft. w. of e. curb.
Jewett ave.....	Amherst st.....	6 in.	H	80	40	5 ft.	37 ft. w. of e. curb.
Amherst st.....	Tillinghast ave.....	6 in.	H	90	40	5 ft.	8 ft. w. of e. curb.
Tillinghast st.....	Cresecent ave.....	6 in.	H	90	40	5 ft.	13 ft. w. of e. curb.
Linden ave.....	Woodbridge ave.....	6 in.	H	100	40	5 ft.	12 ft. w. of e. curb.
Woodbridge ave.....	170 ft. northerly.....	6 in.	H	100	40	5 ft.	14 ft. w. of e. curb.
170 ft. northerly.....	Hertel ave.....	12 in.	H	100	40	5½ ft.	29 ft. w. of e. curb.
PASCAL STREET.							
Baynes st. n. side.....	Richmond ave.....	6 in.	H	60	30	5 ft.	12½ ft. n. of n. curb.
223 ft. e. of Baynes st.....	274 ft. easterly.....	6 in.	H	60	30	5 ft.	4½ ft. s. of s. curb.
PEACOCK STREET.							
Evans st.....	Eric st.....	6 in.	R	50	30	4½ ft.	14½ ft. e. of w. curb.

PEARL STREET.

Commercial st.....	Lower Terrace.....	4 in.	R	66	32	5 ft.	7 ft. w. of e. curb.
Upper Terrace.....	200 ft. northerly.....	6 in.	R	66	38	5 ft.	4 ft. w. of e. curb.
Upper Terrace.....	Erie st.....	6 in.	H	66	38	5 ft.	12½ ft. w. of e. curb.
Erie st.....	Niagara st.....	6 in.	H	66	38	5 ft.	18½ ft. w. of e. curb.
Niagara st.....	Court st.....	6 in.	H	66	38	5 ft.	13 ft. w. of e. curb.
Upper Terrace.....	Niagara st.....	16 in.	R	66	38	5½ ft.	11 ft. e. of w. curb.
Niagara st.....	Huron st.....	12 in.	R	66	38	5 ft.	12 ft. e. of w. curb.
Genesee st.....	Huron st.....	4 in.	H	66	38	4½ ft.	14 ft. w. of e. curb.
Huron st.....	Tupper st.....	12 in.	R	66	38	5 ft.	13 ft. w. of e. curb.

PEARL PLACE.

Virginia st.....	250 ft. southerly.....	4 in.	H	65	30	5 ft.	6 ft. w. of e. curb.
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PENFIELD STREET.

Niagara st.....	West ave.....	6 in.	R	55	26	5 ft.	5 ft. s. of n. curb.
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PENNSYLVANIA STREET.

Erie Canal.....	Lake View ave.....	6 in.	R	66	30	5 ft.	9 ft. s. of n. curb.
Lake View ave.....	Front ave.....	6 in.	R	66	30	5 ft.	4 ft. n. of s. curb.
Front ave.....	Niagara st.....	6 in.	R	66	30	5 ft.	6 ft. n. of s. curb.
Trenton ave.....	250 ft. westerly.....	3 in.	R	66	30	5 ft.	6 ft. s. of s. curb.
Niagara st.....	West ave.....	6 in.	R	66	32	5 ft.	6 ft. s. of n. curb.
West ave.....	Plymouth ave.....	6 in.	R	66	32	5 ft.	11 ft. n. of s. curb.
Plymouth ave.....	Wadsworth st.....	6 in.	H	66	32	5 ft.	10 ft. n. of s. curb.

PEORIA STREET.

Grace st.....	Arthur st.....	6 in.	R	60	28	4½ ft.	5½ ft. e. of w. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

PERKINS PLACE.

From	To	Size.	Street System.	Width.	Paving Width.	Depth of Main.	Location.
Dewitt st.....	Herkimer st.....	4 in.	R	50	26	4½ ft.	4 ft. n. of s. curb.

PETER STREET.

Scajaquada Creek.....	Amherst st.....	6 in.	R	50	28	5 ft.	24 ft. w. of e. curb.
Amherst st.....	Grote st.....	6 in.	R	50	28	5 ft.	11 ft. e. of w. curb.

PHILADELPHIA STREET.

Essex ave.....	N. Y. C. & H. R. R. R....	6 in.	R	50	..	5 ft.	20 ft. e. of w. line.
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PLYMOUTH AVENUE.

Hudson st.....	Jersey st.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
Porter ave.....	Southerly	2 in.	H	66	30	4 ft.	3 ft. w. of w. curb.
Porter ave.....	Connecticut st.....	16 in.	H	66	30	5½ ft.	10 ft. e. of w. curb.
Connecticut st.....	Hampshire st.....	6 in.	H	66	30	5 ft.	7½ ft. e. of w. curb.
Hampshire st.....	School st.....	6 in.	R	66	30	5 ft.	6 ft. w. of e. curb.
School st.....	Albany st.....	6 in.	R	66	30	5 ft.	6 ft. w. of w. curb.
Albany st.....	W. Ferry st.....	6 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
W. Ferry st.....	Breckenridge st.....	6 in.	R	66	30	5 ft.	15 ft. e. of w. curb.

POOLEY STREET.

Dewitt st.....	Grant st.....	4 in.	R	50	26	4½ ft.	4½ ft. n. of s. curb.
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PORTER AVENUE.

Black Rock Harbor.....	N. Y. C. & H. R. R.....	6 in.	R	100	..	4½ ft.	21 ft. n. of s. line.
Porter ave.....	Jersey st. through park.	6 in.	R	...	..	5 ft.	5 ft. e. of s. line.
Erie Canal.....	Seventh st.....	6 in.	H	100	50	5 ft.	5½ ft. s. of s. curb.
Prospect st.....	Prospect ave.....	4 in.	H	100	50	5 ft.	5 ft. s. of s. curb.
Prospect ave.....	West ave.....	24 in.	H	100	50	5½ ft.	17 ft. s. of n. curb.
Prospect ave.....	West ave.....	20 in.	H	100	50	5½ ft.	17 ft. s. of s. curb.
West ave.....	Fourteenth st.....	24 in.	H	100	50	5½ ft.	17 ft. s. of s. curb.
Jersey st.....	North st.....	12 in.	H	100	50	5 ft.	5 ft. n. of s. curb.
Jersey st.....	North st.....	48 in.	R	100	50	7 ft.	20 ft. n. of s. curb.

POTOMAC AVENUE.

Niagara st.....	Herkimer st.....	6 in.	R	66	30	5 ft.	6½ ft. s. of n. curb.
Herkimer st.....	Richmond ave.....	20 in.	R	66	30	5½ ft.	6 ft. n. of s. curb.
Richmond ave.....	Chapin parkway.....	20 in.	H	66	30	5½ ft.	10 ft. n. of s. curb.
Chapin parkway.....	Delaware ave.....	6 in.	H	66	30	5 ft.	8½ ft. n. of s. curb.

PRESTON STREET.

W. Ferry st.....	Auburn ave.....	6 in.	H	60	30	5 ft.	10 ft. e. of w. curb.
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PRIME STREET.

Main st.....	Angle of st.....	4 in.	R	26	16	5 ft.	7½ ft. s. of n. line.
Angle of st.....	W. Perry st.....	4 in.	R	66	32	5 ft.	20 ft. e. of w. line.
W. Perry st.....	Hanover st.....	4 in.	R	66	36	5 ft.	20 ft. e. of w. line.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

PROSPECT AVENUE.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Huron st.	Jersey st.	36 in.	R	66	36	6 ft.	11 ft. w. of e. curb.
Jersey st.	Porter ave.	36 in.	R	66	36	6 ft.	11½ ft. w. of e. curb.
Porter ave.	Connecticut st.	36 in.	R	66	36	6 ft.	12 ft. w. of e. curb.
Connecticut st.	Massachusetts ave.	36 in.	R	66	30	6 ft.	9½ ft. w. of e. curb.
Huron st.	Maryland st.	6 in.	R	66	36	5 ft.	12 ft. w. of e. curb.
Maryland st.	Jersey st.	6 in.	R	66	36	5 ft.	8½ ft. w. of e. curb.
Jersey st.	Porter ave.	6 in.	H	66	36	5 ft.	10 ft. w. of e. curb.
Porter ave.	Connecticut st.	20 in.	H	66	36	5½ ft.	6 ft. w. of w. curb.
Connecticut st.	Connecticut st.	24 in.	H	66	36	6 ft.	13 ft. w. of e. curb.
Connecticut st.	Vermont st.	24 in.	H	66	30	5½ ft.	10 ft. w. of e. curb.
Connecticut st.	Vermont st.	4 in.	H	66	30	4½ ft.	2 ft. e. of e. curb.
Vermont st.	Niagara st.	6 in.	H	66	30	5 ft.	6 ft. e. of w. curb.
Massachusetts ave.	Hampshire st.	24 in.	R	66	30	5½ ft.	10 ft. e. of w. curb.

PUTNAM STREET.

Breckenridge st.	Lafayette ave.	6 in.	H	60	28	5 ft.	5½ ft. e. of w. curb.
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PUBLIC ALLEY.

Fourteenth st.	Jersey st.	4 in.	H	16	..	4½ ft.	13 ft. s. of n. line.
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PUMPING STATION.

See maps of pumping station and Front avenue.

RACE STREET.

Military road.....	Angle of st.....	12 in.	R	33	..	5 ft.	13 ft. s. of n. line.
Angle of st.....	175 ft. e. of Simon st...	12 in.	R	33	..	5 ft.	13 ft. s. of n. line.

RAMSDELL STREET.

Eugene st.....	Delaware ave.....	6 in.	H	50	..	5 ft.	19 ft. n. of s. line.
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RANO STREET.

Tonawanda st.....	Angle of st.....	6 in.	R	50	30	5 ft.	8 ft. n. of s. curb.
Angle of st.....	Albert st.....	6 in.	R	60	30	5 ft.	5 ft. w. of e. curb.
Albert st.....	Harold st.....	6 in.	R	60	..	5 ft.	22 ft. w. of e. line.

REES STREET.

Forest ave.....	Letchworth st.....	10 in.	R	35	..	5 ft.	13 ft. e. of w. line.
Letchworth st.....	Senjaquada parkway....	6 in.	R	35	..	5 ft.	12 ft. e. of w. line.

RESERVATION STREET.

Amherst st.....	Groat st.....	6 in.	R	50	..	5 ft.	8 ft. e. of center.
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RHODE ISLAND STREET.

Front ave.....	Niagara st.....	6 in.	H	66	30	5 ft.	6 ft. n. of s. curb.
Niagara st.....	Prospect ave.....	6 in.	H	66	30	5 ft.	6 ft. n. of s. curb.
Prospect ave.....	Nineteenth st.....	6 in.	R	66	30	5 ft.	8 ft. n. of s. curb.
Nineteenth st.....	Richmond ave.....	6 in.	H	66	30	5 ft.	8 ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

RICHMOND AVENUE.

From	To	Size.	System.	Width.	Paving	Depth	Location.
The Circle.....	Summer, e. s.....	6 in.	H	100	50	5 ft.	8 ft. e. of e. curb.
Summer st.....	Bryant, e. s.....	4 in.	H	100	50	5 ft.	8 ft. e. of e. curb.
Bryant st.....	Utica st., e. s.....	6 in.	H	100	50	5 ft.	8 ft. e. of e. curb.
180 ft. s. of Anderson pl.	Lexington ave., e. s.....	6 in.	H	100	50	5 ft.	10 ft. e. of e. curb.
Lexington ave.....	Ferry st., e. s.....	4 in.	H	100	50	5 ft.	8 ft. e. of e. curb.
Breckenridge st.....	130 ft. southerly, e. s.....	4 in.	H	100	50	5 ft.	10 ft. e. of e. curb.
Breckenridge st.....	Bidwell pl., e. s.....	4 in.	H	100	50	5 ft.	10 ft. e. of e. curb.
Delavan ave.....	200 ft. southerly, e. s.....	6 in.	H	100	40	5 ft.	10 ft. e. of e. curb.
Delavan ave.....	Potomac ave., e. s.....	6 in.	H	100	40	5 ft.	10 ft. e. of e. curb.
Potomac ave.....	Bird ave., e. s.....	6 in.	H	100	40	5 ft.	12 ft. e. of e. curb.
Bird ave.....	Forest ave.....	6 in.	H	100	40	5 ft.	11 ft. e. of e. curb.
Jersey st.....	Utica, w. s.....	16 in.	H	100	50	5 ft.	10 ft. w. of w. curb.
Utica st.....	Bidwell pl., w. s.....	16 in.	H	100	50	5 ft.	10 ft. w. of w. curb.
Bidwell pl.....	Potomac ave., w. s.....	16 in.	H	100	40	5 ft.	10 ft. w. of w. curb.
Potomac ave.....	Forest ave.....	16 in.	H	100	40	5 ft.	10 ft. w. of w. curb.

RIPLEY PLACE.

Connecticut st.....	Vermont st.....	6 in.	H	50	26	5 ft.	11 ft. w. of e. curb.
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RITT AVENUE.

Military road.....	Clayton st.....	6 in.	R	50	..	5 ft.	8 ft. s. of center of street.
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RIVER STREET.

Erie st.....	Genesee st.....	6 in.	R	60	42	5 ft.	30 ft. e. of w. curb.
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RIVERSIDE PARK.

Tonawanda st.....Westerly	6 in.	R	..	5 ft.	115 ft. s. of s. line of Roesch ave.
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RIVERSIDE AVENUE.

Niagara st.....Tonawanda st.....	6 in.	R	60	28	5 ft.	8 ft. n. of s. curb.
Tonawanda st.....Ontario st.....	6 in.	R	50	24	5 ft.	5 ft. n. of s. curb.
Ontario st.....Rano st.....	6 in.	R	50	..	5 ft.	20 ft. n. of s. line.

ROBIE AVENUE.

Parkside ave.....Main st.....	6 in.	H	66	28	5 ft.	14 ft. n. of s. curb.
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ROESCH AVENUE.

Tonawanda st.....Argus ave.....	6 in.	R	60	..	5 ft.	17 ft. n. of s. line.
Argus ave.....Skillen	12 in.	R	60	..	5 ft.	22 ft. n. of s. line.

ROSALIA STREET.

Hertel ave.....N. Y. C. & H. R. R... ..	6 in.	H	50	..	5 ft.	22 ft. e. of w. line.
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ROSENDALE STREET.

Zinns st.....180 ft. northerly.....	6 in.	R	60	..	5 ft.	22 ft. e. of w. line.
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ROSS AVENUE.

Tonawanda st.....170 ft. e. of Condon ave.	6 in.	R	50	..	5 ft.	14 ft. n. of s. line.
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ROOT STREET.

Trenton ave.....Erie Canal.....	6 in.	R	46	..	5 ft.	17 ft. n. of s. line.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

ROYAL AVENUE.						
From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Niagara st.	Tonawanda st.	6 in.	R	60	5 ft.	7 ft. n. of s. curb.
Tonawanda st.	Ontario st.	6 in.	R	50	5 ft.	19 ft. n. of s. line.
RUSSELL AVENUE.						
Parkside ave.	Greenfield st.	6 in.	H	66	5 ft.	6 ft. n. of s. curb.
SARANAC AVENUE.						
Niagara Falls Boulev'd.	Hertel ave.	6 in.	H	66	5 ft.	26 ft. e. of w. line.
Hertel ave.	Taunton ave.	6 in.	H	66	5 ft.	22 ft. e. of w. line.
SARATOGA STREET.						
Ontario st.	Angle of st.	6 in.	R	56	5 ft.	20 ft. n. of s. line.
To angle of st.	Tonawanda st.	6 in.	R	28	5 ft.	20 ft. n. of s. line.
SAYRE STREET.						
Military road.	N. Y. C. & H. R. R.	6 in.	R	50	5 ft.	17 ft. n. of s. line.
SCATAQUADA PARKWAY.						
Elmwood ave.	400 ft. westerly.	6 in.	R	100	5 ft.	3 ft. s. of s. curb.

SENECA STREET.

Lower Terrace.....	Main st.....	12 in.	R	66	40	5 ft.	13 ft. n. of s. curb.
Franklin st.....	Main st.....	4 in.	H	66	40	5 ft.	20 ft. n. of s. curb.
Main st.....	100 ft. westerly.....	6 in.	R	66	40	5 ft.	3 ft. s. of n. curb.

SCHOOL STREET.

Prospect ave.....	Plymouth ave.....	6 in.	R	66	30	5 ft.	9 ft. s. of n. curb.
Plymouth ave.....	Albany st.....	6 in.	R	66	30	5 ft.	7½ ft. n. of s. curb.

SEVENTEENTH STREET.

Richmond ave.....	Vermont st.....	6 in.	H	66	26	5 ft.	3 ft. e. of w. curb.
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SEVENTH STREET.

Court st.....	Store house.....	1½ in.	R	66	38	5 ft.	11 ft. e. of w. curb.
Court st.....	Maryland st.....	36 in.	R	66	38	6 ft.	11 ft. w. of e. curb.
Maryland st.....	Massachusetts ave.....	36 in.	R	66	30	6 ft.	7 ft. w. of e. curb.
Wilkeson st.....	Georgia st.....	4 in.	R	66	38	6 ft.	16 ft. e. of w. curb.
Maryland st.....	Maryland st.....	6 in.	R	66	38	6 ft.	13 ft. e. of w. curb.
Maryland st.....	Porter ave.....	6 in.	R	66	30	6 ft.	7 ft. e. of w. curb.
Porter ave.....	Vermont st.....	4 in.	H	66	30	5 ft.	10 ft. e. of w. curb.
Vermont st.....	Rhode Island st.....	3 in.	H	66	30	5 ft.	6 ft. w. of w. curb.
Vermont st.....	Massachusetts ave.....	30 in.	H	66	30	5 ft.	10 ft. e. of w. curb.
Rhode Island st.....	Massachusetts ave.....	6 in.	H	66	30	5 ft.	15 ft. e. of w. curb.
100 ft n of Mass setis av.	Front ave.....	12 in.	R	66	30	5 ft.	15 ft. e. of w. curb.

SHERWOOD STREET.

Hampshire st.....	Arkansas st.....	6 in.	R	40	20	5 ft.	4 ft. w. of e. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

SHIELDS AVENUE.									
From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.		
Massachusetts ave.....	Utica st.....	6 in.	H	50	28	5 ft.	11 ft. e. of w. curb.	11	
SIMON STREET.									
Race st.....	Layer st.....	6 in.	R	50	..	5 ft.	23 ft. w. of e. line.	23	
SIXTEENTH STREET.									
Richmond ave.....	York st.....	3 in.	H	45	22	5 ft.	5 ft. w. of e. curb.	5	
York st.....	Vermont st.....	6 in.	H	66	26	5 ft.	8 ft. e. of w. curb.	8	
SKILLEN STREET.									
Ontario st.....	North Park ave.....	12 in.	R	50	26	5 ft.	8 ft. n. of s. curb.	8	
North Park ave.....	O'Neil st.....	6 in.	R	50	26	5 ft.	8 ft. n. of s. curb.	8	
SOLDIERS' PLACE.									
Bidwell parkway.....	Bird ave.....	6 in.	H	..	..	5 ft.	8 ft. e. of w. line.	8	
Chapin parkway.....	Bird ave.....	6 in.	H	..	..	5 ft.	Easterly sidewalk.		
Bird ave.....	Lincoln parkway.....	6 in.	H	..	..	5 ft.	2 ft. e. of e. walk.		
Chapin parkway.....	Lincoln parkway.....	6 in.	R	..	..	5 ft.	11 ft. w. of e. line.	11	
							On Chapin parkway and 66 ft. e. of w. line on Lincoln parkway.		

STAATS STREET.

Mohawk st.....	Southerly 170 ft.....	4 in.	R	47½	26	5 ft.	8	ft. w. of e. curb.
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STARIN AVENUE.

Amherst st.....	Huntington ave.....	6 in.	H	100	40	5 ft.	24	ft. e. of w. curb.
Huntington ave.....	Hertel ave.....	6 in.	H	100	40	5 ft.	10	ft. e. of w. curb.

STATE STREET.

Water st.....	Canal st.....	4 in.	R	50	30	5 ft.	14	ft. e. of w. curb.
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STERLING AVENUE.

Linden ave.....	Hertel ave.....	4 in.	H	66	30	5 ft.	8	ft. e. of w. curb.
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ST. JAMES PLACE.

Elmwood ave.....	Chapin parkway.....	6 in.	H	66	30	5½ ft.	7	ft. n. of s. curb.
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ST. JOHN'S PLACE.

Orton pl.....	325 ft. easterly.....	4 in.	H	66	28	5 ft.	5	ft. s. of n. curb.
325 ft. easterly.....	Wadsworth st.....	4 in.	H	66	28	5 ft.	5	ft. n. of n. curb.

SUMMER STREET.

York st.....	Angle of st.....	6 in.	H	45	22	5 ft.	6	ft. w. of e. curb.
Angle of st.....	Richmond ave.....	6 in.	H	45	22	5 ft.	6	ft. s. of n. curb.
Richmond ave.....	Norwood ave.....	6 in.	H	66	32	5 ft.	9	ft. s. of s. curb.
Norwood ave.....	Delaware ave.....	6 in.	H	66	32	5 ft.	4	ft. s. of n. curb.
Delaware ave.....	Linwood ave.....	6 in.	H	66	32	5 ft.	10	ft. s. of n. curb.
Linwood ave.....	Main st.....	6 in.	H	66	32	5 ft.	10	ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

SUMMIT AVENUE.						
From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Oakwood ave.....	Russell ave.....	6 in.	H	66	5 ft.	12 ft. e. of w. curb.
Russell ave.....	Amherst st.....	6 in.	H	66	5 ft.	15 ft. e. of w. curb.
Amherst st.....	Crescent ave.....	6 in.	H	66	5 ft.	14 ft. e. of w. curb.
SUNNYSIDE PLACE.						
Hertel ave.....	Holmes st.....	6 in.	R	60	5 ft.	24 ft. e. of w. line.
SWAN STREET.						
Franklin st.....	Pearl st.....	8 in.	R	66	42	11 ft. s. of n. curb.
Pearl st.....	Main st.....	6 in.	R	66	42	13 ft. s. of n. curb.
TACOMA AVENUE.						
Colvin st.....	Saranac ave.....	6 in.	H	66	5 ft.	25 ft. n. of s. line.
TAFT STREET.						
Starin ave.....	479 ft. easterly.....	6 in.	H	50	25½	4 ft. s. of s. curb.
Voorhees ave.....	136 ft. westerly.....	6 in.	H	50	25½	4 ft. n. of n. curb.
TENTH STREET.						
Carolina st.....	Virginia st.....	6 in.	R	40	20	6 ft. e. of w. curb.
Virginia st.....	Hudson st.....	6 in.	R	40	20	9 ft. e. of w. curb.

TERRACE, LOWER.

Main st.....	Commercial st.....	10 in.	R	186	5 ft.	20 ft. n. of s. curb.
Commercial st.....	Pearl st.....	10 in.	R	200	5 ft.	8½ ft. n. of s. curb.
Commercial st.....	Evans st.....	6 in.	R	200	5 ft.	9 ft. n. of s. curb.
Evans st.....	Ann st.....	6 in.	R	200	5 ft.	6 ft. e. of w. curb.
Ann st.....	Court st.....	6 in.	R	200	5 ft.	12 ft. e. of w. curb.
Seneca st.....	Court st.....	20 in.	R	200	5 ft.	1 ft. e. of e. curb.

TERRACE, UPPER.

Main st.....	Pearl st.....	6 in.	R	186	5 ft.	8 ft. s. of n. curb.
Main st.....	Franklin st.....	20 in.	R	200	5 ft.	36 ft. s. of n. curb.
Franklin st.....	Seneca st.....	20 in.	R	200	5 ft.	28 ft. w. of w. curb.
Eagle st.....	Daw Alley.....	6 in.	R	200	5 ft.	5 ft. e. of e. curb.
Genesee st.....	Court st.....	4 in.	R	200	5 ft.	4 ft. e. of e. curb.

THOMPSON STREET.

Amherst st.....	Farmer st.....	6 in.	R	54	5 ft.	8 ft. e. of w. curb.
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TILLINGHAST STREET.

Colvin st.....	Parkside ave.....	6 in.	H	66	5 ft.	22 ft. n. of s. line.
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TIOGA STREET.

Delaware ave.....	750 ft. easterly.....	6 in.	H	66	5 ft.	22 ft. n. of s. line.
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TONAWANDA STREET.

Niagara st.....	Amherst st.....	10 in.	R	99	5 ft.	7 ft. e. of e. curb.
Watts st.....	300 ft. northerly.....	4 in.	R	66	5 ft.	12 ft. e. of e. curb.
Farmer st.....	660 ft. s. of Austin st...	4 in.	R	66	5 ft.	7 ft. w. of w. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

TONAWANDA STREET.—*Continued.*

From	To	Size.	System.	Street Paving Width.	Depth of Main.	Location.
Farmer st.	Hertel ave.	6 in.	R	66	30	5 ft.
Hertel ave.	Grace st.	16 in.	R	66	30	5 ft.
Grace st.	Ontario st.	16 in.	R	66	36	5 ft.
Ontario st.	Esser ave.	12 in.	R	66	36	5 ft.
Esser ave.	O'Neil st.	6 in.	R	66	36	5 ft.

TRENTON AVENUE.

Court st.	Root st.	6 in.	R	50	26	5 ft.
Root st.	Pennsylvania ave.	4 in.	R	50	26	5 ft.

TRINITY PLACE.

Virginia st.	Delaware ave.	4 in.	H	33	20	5 ft.
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TROOST STREET.

Mandan st.	Rosalia st.	6 in.	R	30	..	5 ft.
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TROY ALLEY.

Ontario st.	300 ft. northerly.	6 in.	R	36	..	5 ft.
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TRYON PLACE.

Auburn ave.	Lafayette ave.	6 in.	H	54	30	5 ft.
Lafayette ave.	Forest ave.	6 in.	R	54	30	5 ft.

TUPPER STREET, WEST.

Virginia st.....	Angle of st.....	20 in.	R	33	20	5 ft.	5 ft. n. of s. curb.
Angle of st.....	Delaware ave.....	20 in.	R	49½	26	5 ft.	5 ft. n. of s. curb.
Delaware ave.....	Main st.....	20 in.	R	49½	30	5 ft.	5 ft. n. of s. curb.
Delaware ave.....	Westerly	4 in.	R	33	20	5 ft.	3 ft. n. of s. curb.

TUXEDO PLACE.

Hertel ave.....	Holmes st.....	6 in.	R	60	..	5 ft.	22 ft. e. of w. line.
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TWELFTH STREET.

Virginia st.....	Maryland st.....	6 in.	H	66	30	5 ft.	6 ft. e. of w. curb.
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TYLER STREET.

Mildred st.....	132 ft. easterly.....	6 in.	H	60	..	5 ft.	22 ft. s. of n. line.
Mildred st.....	168 ft. westerly.....	6 in.	H	60	..	5 ft.	22 ft. s. of n. line.

UTICA STREET.

Massachusetts ave.....	Brayton st.....	36 in.	H	66	28	6 ft.	12 ft. n. of s. curb.
Brayton st.....	Chenango st.....	36 in.	H	66	32	5 ft.	Crosses to n. side of street.
Chenango st.....	Main st.....	36 in.	H	66	32	5 ft.	11 ft. s. of n. curb.
Massachusetts ave.....	Brayton st.....	6 in.	H	66	32	5 ft.	6 ft. s. of n. curb.
Brayton st.....	Richmond ave.....	6 in.	H	66	32	5 ft.	Crosses to s. side of street.
Richmond ave.....	Norwood ave.....	4 in.	H	66	32	5 ft.	6 ft. s. of s. curb.
Richmond ave.....	200 ft. easterly.....	3 in.	H	66	32	5 ft.	7 ft. n. of n. curb.
Norwood ave.....	Elmwood ave.....	3 & 4 in.	H	66	32	5 ft.	7 ft. n. of n. curb.
Norwood ave.....	Ashland ave.....	6 in.	H	66	32	5 ft.	2 ft. s. of s. curb.
Ashland ave.....	Main st.....	6 in.	H	66	32	5 ft.	11 ft. n. of s. curb.

SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—*Continued.*

VERMONT STREET.

From	To	Size.	System.	Street Width.	Paving Width.	Depth of Main.	Location.
Front ave.....	Seventh st.....	20 in.	R	66	30	5 ft.	11 ft. n. of s. curb.
Seventh st.....	Niagara st.....	36 in.	R	66	30	5 ft.	5 ft. n. of s. curb.
Seventh st.....	Prospect ave.....	24 in.	H	66	30	5 ft.	5 ft. s. of n. curb.
Front ave.....	Seventh st.....	4 in.	H	66	30	5 ft.	3 ft. s. of s. curb.
Seventh st.....	Niagara st.....	4 in.	H	66	30	5 ft.	6 ft. n. of s. curb.
Niagara st.....	Prospect ave.....	36 in.	R	66	30	5 ft.	12 ft. s. of s. curb.
Niagara st.....	West ave.....	16 in.	H	66	30	5 ft.	6 ft. s. of s. curb.
West ave.....	Richmond ave.....	6 in.	H	66	30	5 ft.	7 ft. n. of s. curb.

VERNON STREET.

Main st.....	Fairfield st.....	6 in.	H	66	30	4 ft.	15 ft. n. of s. curb.
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VILLA AVENUE.

Delaware ave.....	60 ft. e. of Winthrop st..	6 in.	H	50	26	5 ft.	7 ft. n. of s. curb.
60 ft. e. of Winthrop st.	Kasota ave.....	6 in.	H	50	..	5 ft.	8 ft. s. of center.

VIRGINIA STREET.

Fourth st.....	Trenton ave.....	6 in.	R	66	30	5 ft.	5 ft. s. of n. curb.
Trenton ave.....	Niagara st.....	6 in.	R	66	30	5 ft.	9 ft. n. of s. curb.
Niagara st.....	West ave.....	6 in.	R	66	30	5 ft.	20 ft. n. of s. curb.
Prospect ave.....	West ave.....	20 in.	R	66	30	5 ft.	8 ft. s. of n. curb.
West ave.....	Tupper st.....	20 in.	R	66	30	5 ft.	10 ft. n. of n. curb.
Tupper st.....	Cottage st.....	6 in.	H	66	30	5 ft.	10 ft. s. of n. curb.
Cottage st.....	Franklin st.....	10 in.	H	66	30	5 ft.	12 ft. n. of s. curb.
Franklin st.....	Main st.....	10 in.	H	66	30	5 ft.	7 ft. s. of n. curb.

BUREAU OF WATER.

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VOORHEES STREET.

Hertel ave.....	Woodbridge	12 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
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WADSWORTH STREET.

Allen st.....	St. Johns pl.....	24 in.	H	50	24	5 ft.	6 ft. e. of w. curb.
St. Johns pl.....	The Circle.....	24 in.	H	50	24	5 ft.	6 ft. w. of e. curb.

WATER STREET.

Erie st.....	Evans Slip.....	6 in.	R	66	42	5 ft.	7 ft. s. of n. curb.
Evans Slip.....	Commercial st.....	6 in.	R	66	42	5 ft.	20 ft. s. of n. curb.

WEST AVENUE.

Carolina st.....	Virginia st.....	6 in.	R	66	30	5 ft.	7 ft. w. of e. curb.
Virginia st.....	Porter ave.....	20 in.	H	66	30	5 ft.	8 ft. w. of e. curb.
Jersey st.....	Porter ave.....	4 in.	H	66	30	5 ft.	3 ft. e. of w. curb.
York st.....	Connecticut st.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
Connecticut st.....	400 ft. northerly.....	16 in.	H	66	30	5 ft.	2 ft. e. of w. curb.
400 ft. northerly.....	Vermont st.....	16 in.	H	66	30	5 ft.	5 ft. w. of w. curb.
Vermont st.....	Hampshire st.....	6 in.	H	66	30	5 ft.	7 ft. e. of w. curb.
Hampshire st.....	Albany st.....	6 in.	R	66	30	5 ft.	7 ft. e. of w. curb.
Albany st.....	Breckenridge st.....	6 in.	R	66	30	5 ft.	11 ft. e. of w. curb.
Breckenridge st.....	Forest ave.....	16 in.	R	66	30	5 ft.	10 ft. e. of w. curb.
Forest ave.....	Bull st.....	6 in.	R	66	30	5 ft.	26 ft. e. of w. curb.

WEST PERRY STREET.

Prime st.....	Main st.....	4 in.	R	50	30	5 ft.	5 ft. s. of n. curb.
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SCHEDULE OF ALL WATER PIPE LAID IN THE CITY, GIVING LOCATION, SIZE OF PIPE, AND ON WHAT SYSTEM.—WEST SIDE.—Continued.

WHITNEY PLACE.

From	To	Size.	Street System.	Paving Width.	Depth of Main.	Location.
Georgia st.	Carolina st.	4 in.	R	66	30	4 ft.
Carolina st.	Virginia st.	6 in.	R	50	28	4 ft.
Virginia st.	Hudson st.	6 in.	R	66	30	6 ft.
						7 ft. w. of e. curb.

WILEY PLACE.

Skillen st.	Kenmore ave.	6 in.	R	50	..	5 ft.
						8 ft. s. of center.

WILKESON STREET.

Court st.	300 ft. westerly	4 in.	R	66	..	4 ft.
Court st.	Front ave.	10 in.	R	66	30	5 ft.
Front ave.	Mohawk st.	4 in.	R	66	30	5 ft.
						25 ft. s. of n. line.
						5 ft. s. of n. curb.
						7 ft. s. of n. curb.

WILLOW LAWN.

N. s. Crescent ave.	54 ft. w. of Main st.	4 in.	H	70	30	4½ ft.
S. s. Crescent ave.	54 ft. w. of Main st.	4 in.	H	70	30	4½ ft.
						14 ft. n. of n. curb.
						14 ft. s. of s. curb.

WINDSOR AVENUE.

Potomac ave.	Forest ave.	6 in.	H	80	30	5 ft.
						7 ft. e. of w. curb.

WINTER STREET.

Massachusetts ave.	Hampshire st.	6 in.	H	60	28	5 ft.
						6 ft. e. of w. curb.

WOODBIDGE AVENUE.

Parkside ave.....	Beard ave.....	6 in.	H	75	33	5 ft.	14 ft. n. of s. curb.
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WOODWARD AVENUE.

Humboldt parkway.....	Oakland ave.....	6 in.	H	66	32	5½ ft.	16 ft. e. of w. curb.
Oakwood ave.....	Jewett ave.....	6 in.	H	66	..	5½ ft.	25 ft. e. of w. line.
Jewett ave.....	Amherst st.....	6 in.	H	66	30	5½ ft.	14 ft. e. of w. curb.
Amherst st.....	Crescent ave.....	6 in.	H	66	30	5½ ft.	20 ft. e. of w. curb.

YORK STREET.

West ave.....	Richmond ave.....	6 in.	H	66	32	5 ft.	6 ft. n. of s. curb.
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ZINNS AVENUE.

Argus st.....	625 ft. easterly.....	6 in.	R	60	..	5 ft.	22 ft. n. of s. line.
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(835-840)

**COMPARATIVE STATEMENT,
WATER MAINS AND WHEN LAID.**

(835-840)

**COMPARATIVE STATEMENT,
WATER MAINS AND WHEN LAID.**

LEAK AND WASTE INVESTIGATION FOR FISCAL YEAR ENDING JUNE 30, 1908.

Street Boundaries of Districts.	District Numbers.	Character of Occupancy.	Number of Buildings.	Number of Leaking Faucets.	Number of Leaking Closets.	Number of Closets Connected Direct.	Number of Supplies Without Fixtures.	Number of Invisible Service Leaks Found.	Number of Service Boxes Out of Repair.	Aggregate Gallons Saving of Water in 24 Hours Made by Repairs.
North by Hampshire W. Ferry St.-----	1	Medium Dense Residence	708	499	359	57	41	135	301	464,000
South by Rhode Island St.-----										
East by Richmond Ave.-----										
West by Fourteenth St.-----										
North by Hampshire St.-----	2	"	688	456	372	37	33	98	286	446,000
South by Rhode Island St.-----										
East by Fourteenth St.-----										
West by Erie Canal.-----										
North by Rhode Island St.-----	3	"	694	504	402	28	27	86	304	496,000
South by Vermont St.-----										
East by Richmond Ave.-----										
West by Erie Canal.-----										
North by Vermont St.-----	4	"	1,072	862	723	46	67	142	406	656,000
South by Porter Ave.-----										
East by Richmond.-----										
West by Erie Canal.-----										

LEAK AND WASTE INVESTIGATION FOR FISCAL YEAR ENDING JUNE 30, 1908.

Street Boundaries of Districts.	District Numbers.	Character of Occupancy.	Number of Buildings.	Number of Leaking Faucets.	Number of Leaking Closets.	Number of Closets Connected Direct.	Number of Supplies Without Fixtures.	Number of Invisible Service Leaks Found.	Number of Service Boxes Out of Repair.	Aggregate Gallons Saving of Water in 24 Hours Made by Repairs.
North by Porter Ave.....	5	Medium Dense Residence	1,432	1,126	942	146	128	215	506	824,000
South by Maryland St.....										
East by College St.....										
West by Lake Shore.....	6	"	917	782	675	97	38	105	482	756,000
North by Maryland St.....										
South by Carolina St.....										
East by College and W. Tupper St.....	7	"	487	386	372	107	79	112	276	286,000
West by Lake Shore.....										
North by Carolina St.....										
South by Wilkeson St.....	7	"	487	386	372	107	79	112	276	286,000
East by Whitney Pl.....										
West by Lake Shore.....										
Totals.....			5,988	4,615	3,845	518	413	893	2,561	3,928,000

SUMMARY OF STATISTICS.

FOR THE YEAR ENDING JUNE 30, 1908.

(In form recommended by the New England Water Works Association.)

MUNICIPAL WATER WORKS.

BUFFALO, ERIE COUNTY, STATE OF NEW YORK.

GENERAL STATISTICS.

Population—410,000.

Date of Construction—By private Company in 1848.

Purchased by City in 1868.

By whom owned—City of Buffalo.

Source of Supply—Lake Erie and Niagara River.

Mode of Supply—Pumping.

PUMPING STATISTICS.

1. Builders of Pumping Machinery:

No.	Capacity in 24 hours in Gallons.	Make	Description.	Year constructed.	Horse-power.
1	12,000,000	Worthington and Lake Erie	Horizontal compression	1872	430
2	20,000,000	Worthington and Lake Erie	Horizontal compression	1898	
				1876	700
3	20,000,000	Worthington and Lake Erie	Horizontal compression	1898	
				1882	700
6	20,000,000	Holly—Gaskell	Horizontal compression	1898	
7	20,000,000	Holly—Gaskell	Horizontal compression	1889	700
8	30,000,000	Lake Erie—Snow	Triple expansion	1892	700
9	30,000,000	Lake Erie	Triple expansion	1896	1,200
10	25,000,000	Snow	Electric centrifugal	1898	1,200
11	25,000,000	Snow	Electric centrifugal	1905	1,500
				1907	1,500
	202,000,000	.....	.....	.....	8,630

2. Description of Fuel used:

- (a) Kind—Bituminous Coal.
- (b) Brand of Coal—Mine run and slack.
- (c) Average price per gross ton, delivered—\$2.20.
- (d) Percentage of ash—10%.

3. Coal consumed for the year:

On Engines—84,866,940 lbs.
Other purposes—11,876,000.

4. Amount of other fuel used—Electricity, 3,000 H. P., at \$25.00 per H. P.

5. Total coal consumed on steam pumps—84,866,940 lbs.

6. Total pumpage for the year without allowance for slip by steam—39,605,213,370 gallons.

6a. Total pumpage by electricity measured by Venturi Meter—12,806,549,000.

7. Average static head against which pumps work:
 Low Service, 115 ft.
 High Service, 172.80 ft.
8. Average dynamic head against which pumps work:
 Low Service, 130 ft.
 High Service, 188 ft.
9. Number of gallons pumped per pound of coal—466.
10. Duty $\frac{\text{gallons pumped} \times 8.34 \times 100 \times \text{dynamic head}}{\text{Fuel consumed.}}$
- Engine No. 1. $\frac{229,075,560 \times 8.34 \times 100 \times 130}{549,760} = 45,176,754$
- “ No. 2. $\frac{3,292,214,200 \times 8.34 \times 100 \times 130}{7,901,280} = 45,175,195$
- “ No. 3. $\frac{2,110,365,300 \times 8.34 \times 100 \times 130}{5,064,850} = 45,175,238$
- “ No. 4. $\frac{2,262,331,680 \times 8.34 \times 100 \times 130}{12,629,550} = 45,175,164$
- “ No. 5. $\frac{2,912,528,160 \times 8.34 \times 100 \times 188}{9,611,330} = 47,512,791$
- “ No. 6. $\frac{1,929,963,900 \times 8.34 \times 100 \times 188}{6,066,590} = 49,879,240$
- “ No. 7. $\frac{2,855,123,250 \times 8.34 \times 100 \times 188}{9,421,870} = 47,512,912$
- “ No. 8. $\frac{10,621,773,110 \times 8.34 \times 100 \times 130}{16,994,810} = 67,782,025$
- “ No. 9. $\frac{10,391,838,210 \times 8.34 \times 100 \times 130}{16,626,900} = 67,762,668$

Cost of Pumping, Figured on Pumping Station Expenses, viz.:

Steam—Fuel	\$100,386.57	
Oil and waste.....	2,785.65	
Supplies	4,315.32	
Salaries	98,348.75	\$193,236.29
Electricity—Current	\$56,250.00	
Oil and waste.....	400.00	
Supplies	1,000.00	
Salaries	6,840.00	\$64,290.00

11. Per million gallons pumped:

Steam, \$5.42.

Electricity, \$5.02.

12. Per million gallons raised 1 ft. (dynamic):

Steam, 3½ cents.

Electricity, 2 2-3 cents.

FINANCIAL STATISTICS.

RECEIPTS.

Balance Brought Forward.....	\$183,129.01
(a) From ordinary (maintenance) receipts.....	19,857.31
(b) From extraordinary receipts (bonds, etc.).....	2,173.97
Total	\$205,160.29
From Water Rates:	
A. Fixture Rates	\$542,577.25
B. Meter Rates	194,773.18
C. Total from Consumers	\$737,350.43
D. For Hydrants	\$ 73,200.00
F. For Street Watering.....	600.00
G. For Public Buildings.....	22,244.90
J. Total from Municipal Departments	96,044.90
L. From Bond Issue.....	1,307,500.00
M. Total	\$2,346,055.62

EXPENDITURES.

Waterworks Maintenance:

AA. Operation (management and repairs....)	\$489,708.70
BB. Special:	
CC. Total Maintenance	\$489,708.70
DD. Interest on Bonds.....	179,105.49
(CC+DD)	\$668,814.19
EE. Payment on Bonds.....	300,749.99
FF. Sinking Fund	4,302.50

Waterworks Construction:

GG. Extension of mains.....	\$70,181.49
II. Extension of meters.....	10,256.82
JJ. Special:	
Reconstruction of Pumping Station....	33,248.80
New Pumping Station and Tunnels....	968,369.63
KK. Total Construction	\$1,082,056.74
MM. Balance	290,132.20
N. Total	\$2,346,055.62

DISPOSITION OF BALANCE: \$200,132.20 FOR RECONSTRUCTION.

O. Net cost of works to date.....	\$9,532,278.81
P. Bonded debt at date.....	5,216,632.02
Q. Value of Sinking Fund at date.....	4,302.50
R. Average rate of interest, 4 per cent.	

STATISTICS OF CONSUMPTION OF WATER.

1. Estimated total population to date....	410,000
2. Estimate population on lines of pipe..	410,000
3. Estimated population supplied	410,000
4. Total consumption for the year, gallons	48,451,241,033
5. Passed through meters, gallons.....	9,784,875,000
6. Percentage of consumption metered...	20½%
7. Average daily consumption, gallons..	135,483,126
8. Gallons per day to each inhabitant....	330
9. Gallons per day to each consumer.....	330
10. Gallons per day to each tap.....	330
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC)	\$10.11
12. Total cost of supplying water, per mil- lion gallons, figured on total main- tenance and interest on bonds.....	\$13.80

STATISTICS RELATING TO DISTRIBUTION SYSTEM.

MAINS.

1. Kind of pipe, cast iron.
2. Sizes, from 1½ to 48 inch.
3. Extended, 63,299 feet during year.
4. Discontinued, none during year.
5. Total now in use, 528 4-5 miles.
6. Cost of repairs per mile, \$0.63.
7. Number of leaks per mile.
8. Length of pipes less than 4 inches diameter, 2 miles.
9. Number of hydrants added during year, 74.
10. Number of hydrants now in use, 4,965.
11. Number of stop gates added during year, 327.
12. Number of stop gates now in use, 8,558.
13. Number of stop gates smaller than 4-inch, 25.
14. Number of blow-offs, 20.
15. Range of pressure on mains, 15 lbs. to 75 lbs.

SERVICES.

- 16, 17, 18, 19, 20, 23, 24.
- All services are put in by the consumer. We furnish only the main.
21. Number of service taps added during the year, 1,195.
22. Number now in use, 72,882.
25. Number of meters added, 207.
26. Number now in use, 2,620.
27. Percentage of services metered, 3 3-5%.
28. Percentage of receipts from metered water (B÷C), 26%.
29. Number of motors and elevators added, none.
30. Number now in use, 19.

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