

Selection of Water Projects

Break history

One of the most obvious reasons for selecting a water line for replacement is the history of breaks on a particular water line. A water line, that is continually having problems, uses up manpower, time, and resources that can be used in other areas. Another issue is the inconvenience and constant interruption to service for water customers.

Age of water lines

If all things are equal between two water lines, an older water line should be replaced prior to a line that is newer. The older line poses a higher chance of a catastrophic failure.

Population density

Consideration needs to be given to the number of customers affected by a deteriorating water line. A water line that has more customers on it will rank higher than one with fewer. Replacement of a higher service line will have a greater impact on customer service.

Economic development

If the city shows a proactive approach to economic development by addressing the infrastructure in an area that can attract businesses, potential developers could see this as a positive for investing in our community.

Cost analysis

For the most part, any water line replacement will cost approximately the same for the same length of pipe depending on the size and location to the street. If a water line replacement is, for the most part, located in yards, more could be accomplished compared to a line in which the street will need to be repaired afterwards.

Grant and funding opportunities

A water line may be found eligible for grants or funding and to qualify may have to be done within a certain timeframe. Anything that will reduce the cost will be considered.

Water Line Breaks Since 2010

Street	2010	2011	2012	2013	2014	Total
Aberdeen	5	7	5	3	4	24
Adams	3			6		9
Alexander			1	1	1	3
Alter			1			1
Arden				1		1
Barclay			1	4		5
Brady Ave	1		4			5
Brady Circle	1	1				2
Braybarton	3	3	3	1		10
Braybarton Circle				1		1
Broadway	1					1
Brondus			1			1
Bryden	3		3	2	2	10
Buena Vista	5	4		9	1	19
Canary Alley		1				1
Capital			1			1
Carnegie	1					1
Cedar				1		1
Central		2		2		4
Cherry					1	1
Chestnut	1	1	1	5		8
Cleveland	3		3	2		8
County Road 26	8	3	4			15
Court Alley			2			2
Columbus Circle			1			1
Crestline			1			1
Cunningham Drive	4	1			1	6
Cunningham Lane			1			1
Dock				2		2
Dresden			1			1
East Argonne				1		1
East Carlton	10	2			1	13
Efts		1		3		4
Euclid	1					1
Fernwood Road	1					1
Fort Steuben Dr.		1				1
Garden Acres					2	2

Garfield		1	1		1	3
Glendwell Alley				1		1
Glendwell			2	1		3
Granard	1					1
Elaine				1		1
Harvard	1			4		5
Henry		1				1
Hiddenwood				1		1
Highland	1					1
Jefferson	1					1
Johnson			1			1
Keagler		2				2
Kendall			1			1
Kilgore	1	1				2
Kingston	3					3
Labelle Ave			1			1
Lafayette		3	1			4
Laila Ct.					1	1
Lauretta	3	1	3	16	1	24
Lawson				1		1
Lincoln Ave		1		3	4	8
Linday Way			1			1
Linden				1		1
Linduff	1		1			2
Logan			1			1
Longford	1				1	2
Lovers Lane			1	1		2
Mall Drive	4		2			6
Margaret			1			1
Maryland		1			1	2
Market			1	2		3
Maxwell	1			1		2
Mears		2				2
Merryman				1		1
North Lake Erie			1			1
Ohio SR 7			4			4
Opal	1	2		5		8
Orchard			1			1
Parkdale			3			3
Pembroke		1	1	2		4
Pennsylvania		1				1
Permars Run	1					1

Pershing	1					1
Pico		1		1		2
Pine Valley		1	1	4	1	7
Pittsburgh		1				1
Portland				1		1
Powell				1		1
Preston				1		1
Princeton					1	1
Prospect		1				1
Richland				1		1
Ridge		1				1
Rockdale		3	2	1	4	10
Rosemont	1	1	1	1	3	7
Ross Park	2		2			4
Rossllyn		1		1		2
Scenic	3	2	1	2	1	9
Scioto	2	2	7	2		13
Shirley Circle					1	1
South			1	1		2
South Bend					1	1
South Forest				1		1
Spencer				1		1
Spring	2		2	1		5
St. Andrews	1	1		1		3
St. Charles	6	4	2	1		13
Stanton			1			1
Starkdale	1			3	1	5
Steele			1			1
Steeple Chase	1					1
Sunset	1	1	3	1	1	7
Teresa	1		1	2		4
Terri				1		1
Troy				1		1
Tweed		1				1
Union	1		1			2
University	1		2	1		4
Vernon			1			1
Ward			1			1
Washington			2			2
Webster			1			1
West Carlton	1					1
Westwood		1	2	2		5

White Oaks	1		1			2
Whitehaven	2		5	2		9
Wilshire		3	5	2	3	13
Wilson		1	1			2
Woodland			1		1	2
Woodlawn Ct.	1					1
Yale	1				1	2
3rd				1		1
4th			1			1
6th			1			1
7th	1		1			2
8th	1			4		5

	2010	2011	2012	2013	2014	2010- 2014
Totals	103	70	113	127	41	454

This is from January of 2010 through February 24th of 2014