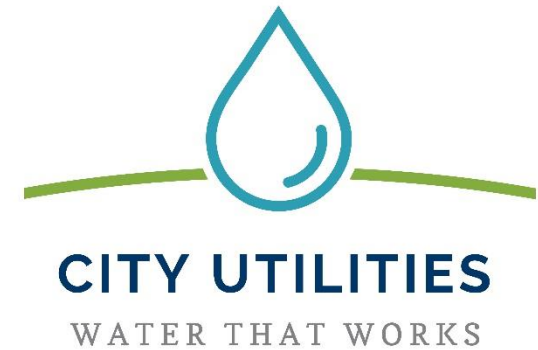
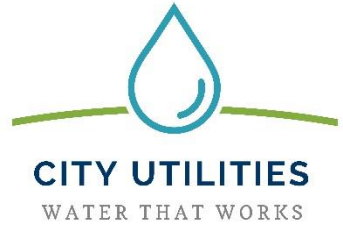


2018
Neighborhood Presentation

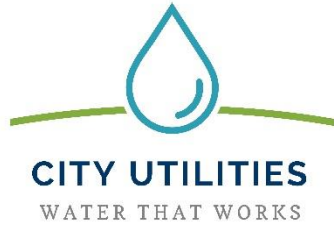


Maintaining Water System Infrastructure

Familiar Scenes



Familiar Scenes



wane.com

Water main break repaired, State Blvd. near Parkview reopens

By: WANE Staff Reports

Updated: Jan 05, 2018 10:22 AM EST



A water main broke along State Boulevard near Parkview Hospital on Friday, Jan. 5, 2018.

FORT WAYNE, Ind. (WANE) A stretch of State Boulevard was closed Friday morning after a break.

A 6-inch water main broke around 8:40 a.m. along State Boulevard, between Pembert Randallia Drive near Parkview Hospital. Crews closed the roadway to allow for repairs.

The city said just before 5 p.m. that the break had been repaired and the roadway was



NEWS WEATHER SPORTS THINGS TO DO

Water main breaks restrict traffic flow

By Kayla Crandall, Internet Director CONNECT



FORT WAYNE, Ind. (Fort Wayne's NBC) -- After two separate water main breaks on city roads Wednesday morning, normal traffic has resumed.

Traffic was restricted on Coldwater Road north of Till Road as well as Lafayette Street between Pettit Avenue and Maple Grove Avenue.

Repairs were completed Wednesday afternoon.

Local News

Main break sends water 35 feet high



FORT WAYNE, Ind. (WANE) A water main burst in southern Fort Wayne and a geyser is shooting water high into the air.

Local News

N. Clinton water main repaired, lane restrictions in place

By: Rod Hissong

Updated: May 31, 2018 06:52 AM EDT



News-Sentinel

May 28, 2018 | Submit News

UPDATED: East State Boulevard reopened to traffic near Randallia Drive after broken water main repaired

LOCAL NEWS

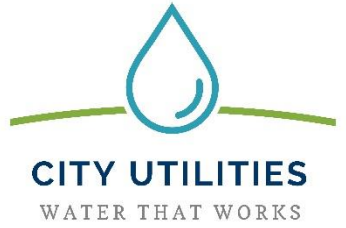
JAN 5, 2018

NEWS-SENTINEL STAFF REPORTS

nsmetro@news-sentinel.com

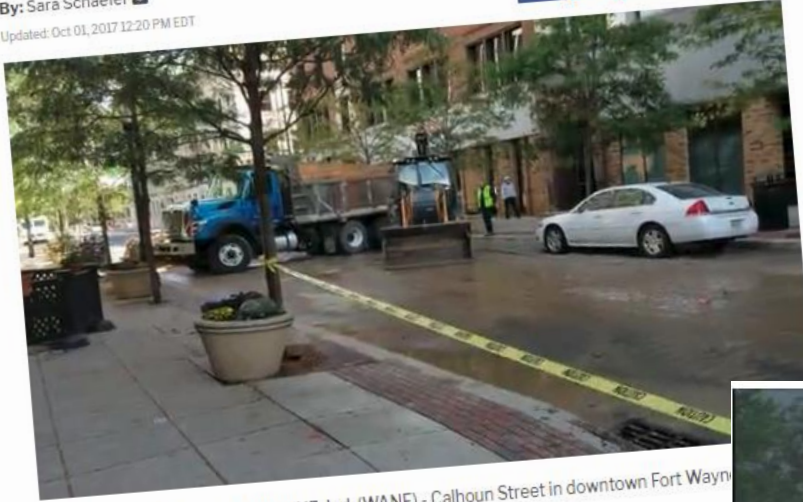


Familiar Scenes



Repairs made on Calhoun Street after water main ruptures

By: Sara Schaefer
Updated: Oct 01, 2017 12:20 PM EDT



WANE Staff Reports - FORT WAYNE, Ind. (WANE) - Calhoun Street in downtown Fort Wayne closed most of the day Sunday after a water main burst.

NEWS • TALK **WOWO** 1100 AM • 102.5 FM • 97.3 HD2 NEWS NOW! 97.3 HD3

Water main break forces closure of busy Fort Wayne street

By Darrin Wright - August 2, 2016



N. Clinton back open following water main break repairs

By: WANE Staff Reports
Updated: Jun 29, 2016 04:57 PM EDT

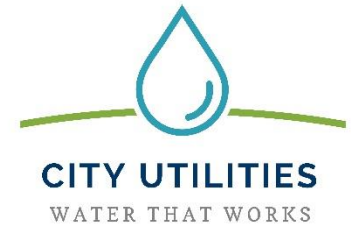


Water main break has snarled traffic along North Clinton Street near Coldwater and Lima roads.



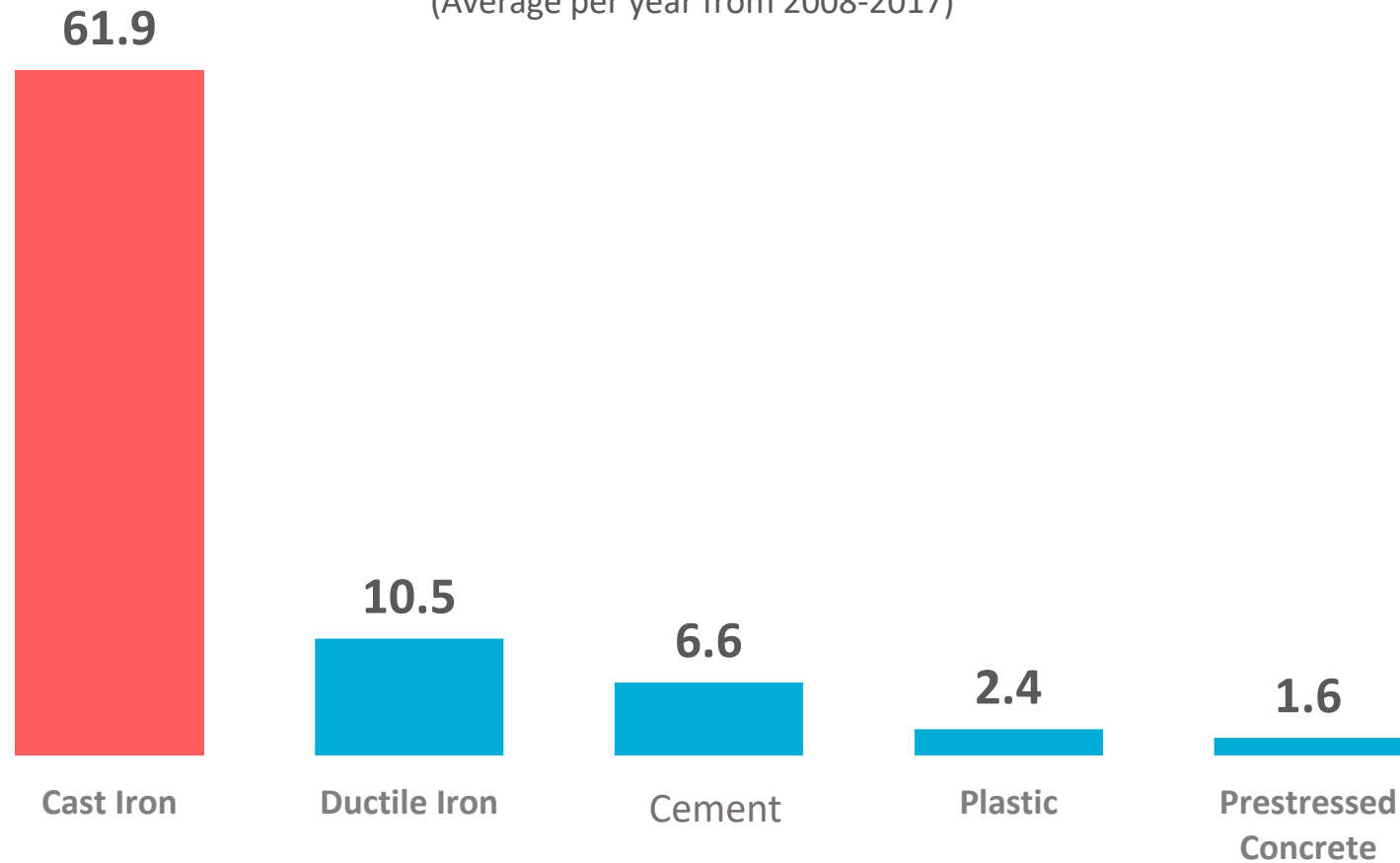
CITY NEWS
WATER MAIN BREAKS
NORTH CLINTON STREET
FOX 55
10:07
75°

It's not just about age

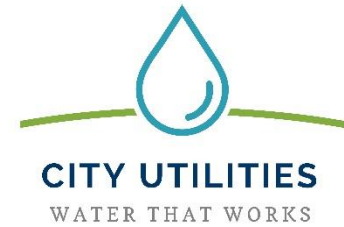


Water Main Breaks per 100 Miles per Year

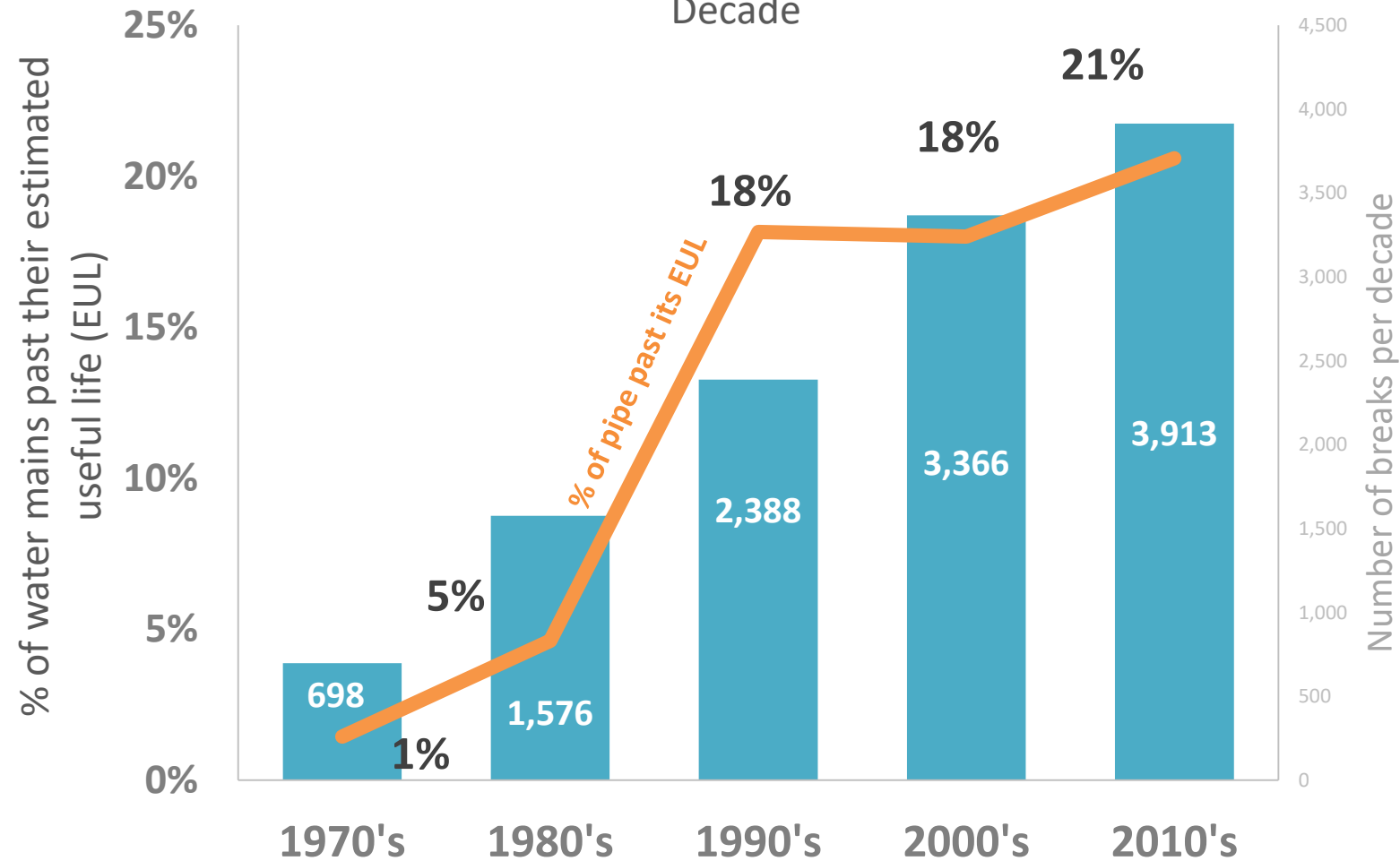
(Average per year from 2008-2017)



Estimated Useful Life and Breaks



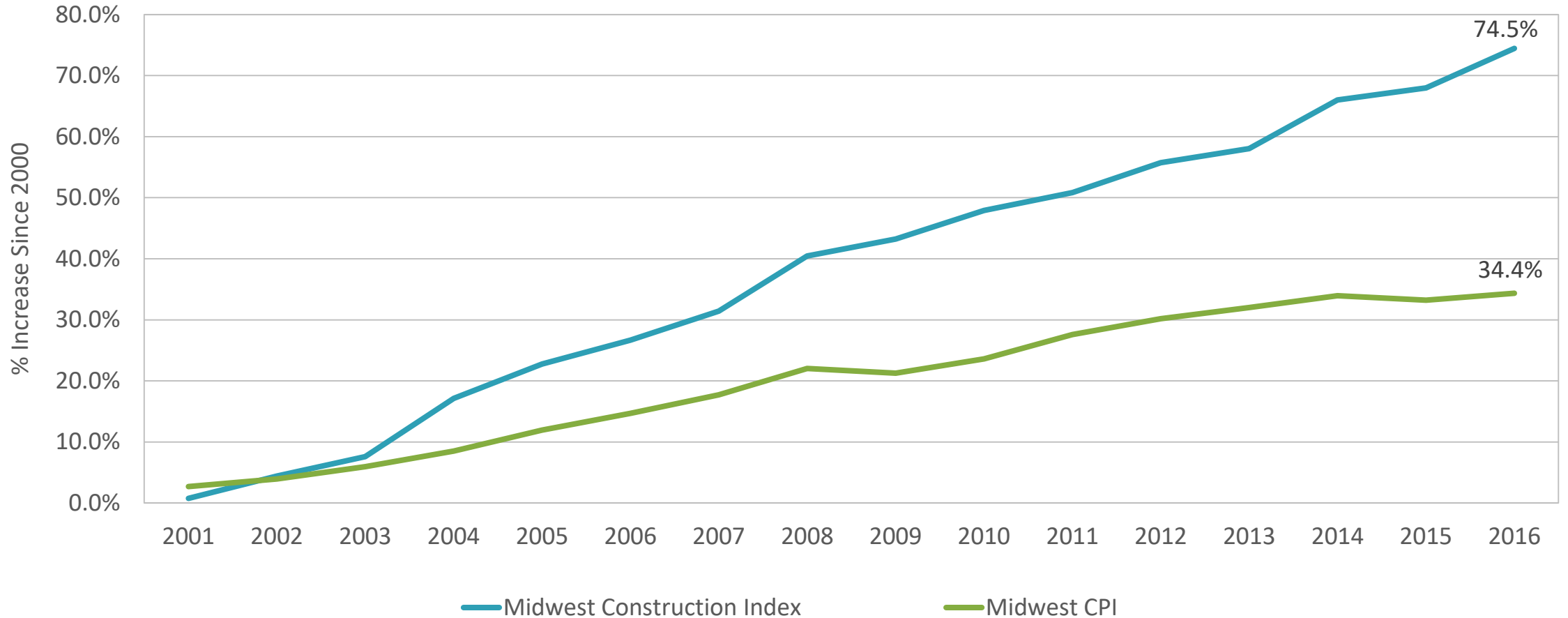
Correlation Between Estimated Useful Life (EUL) and Breaks per Decade



Rising Construction Costs



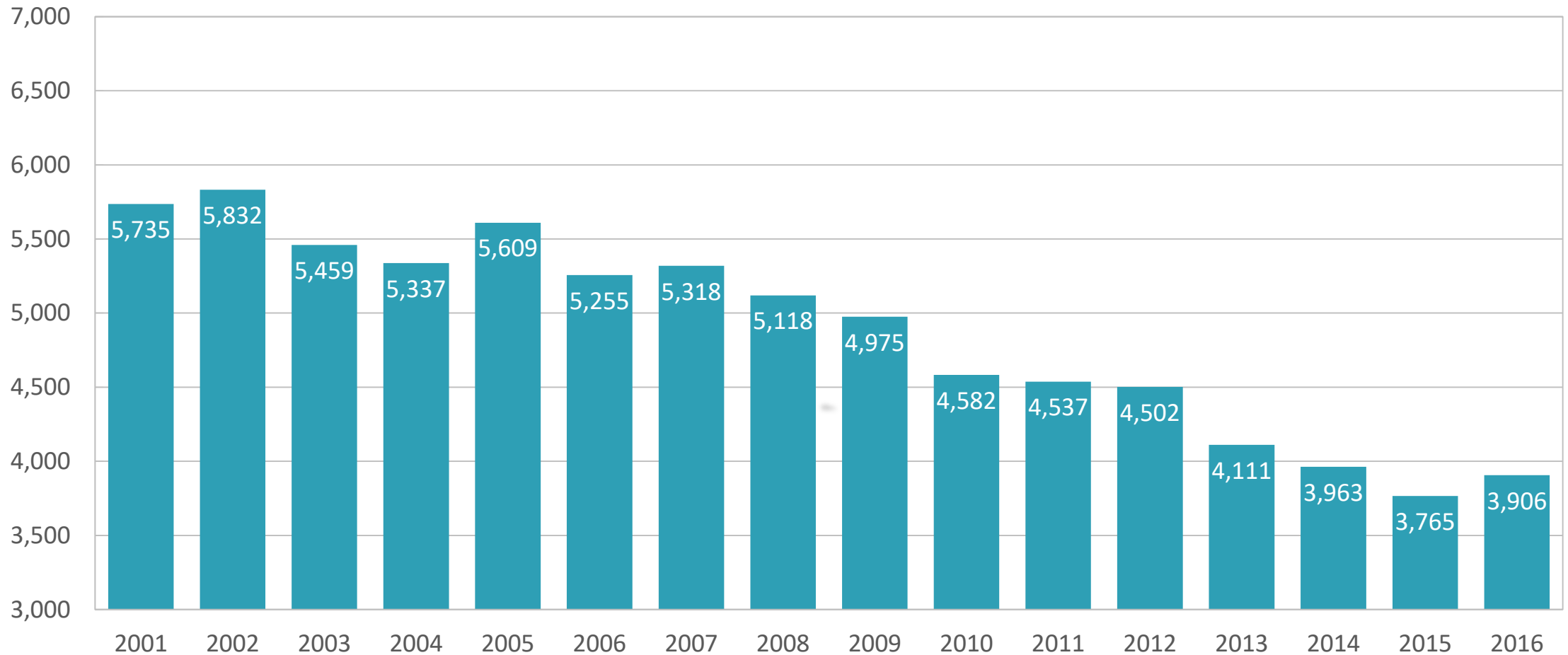
Percent Increase Since 2000 of Midwest Construction Index and Midwest CPI



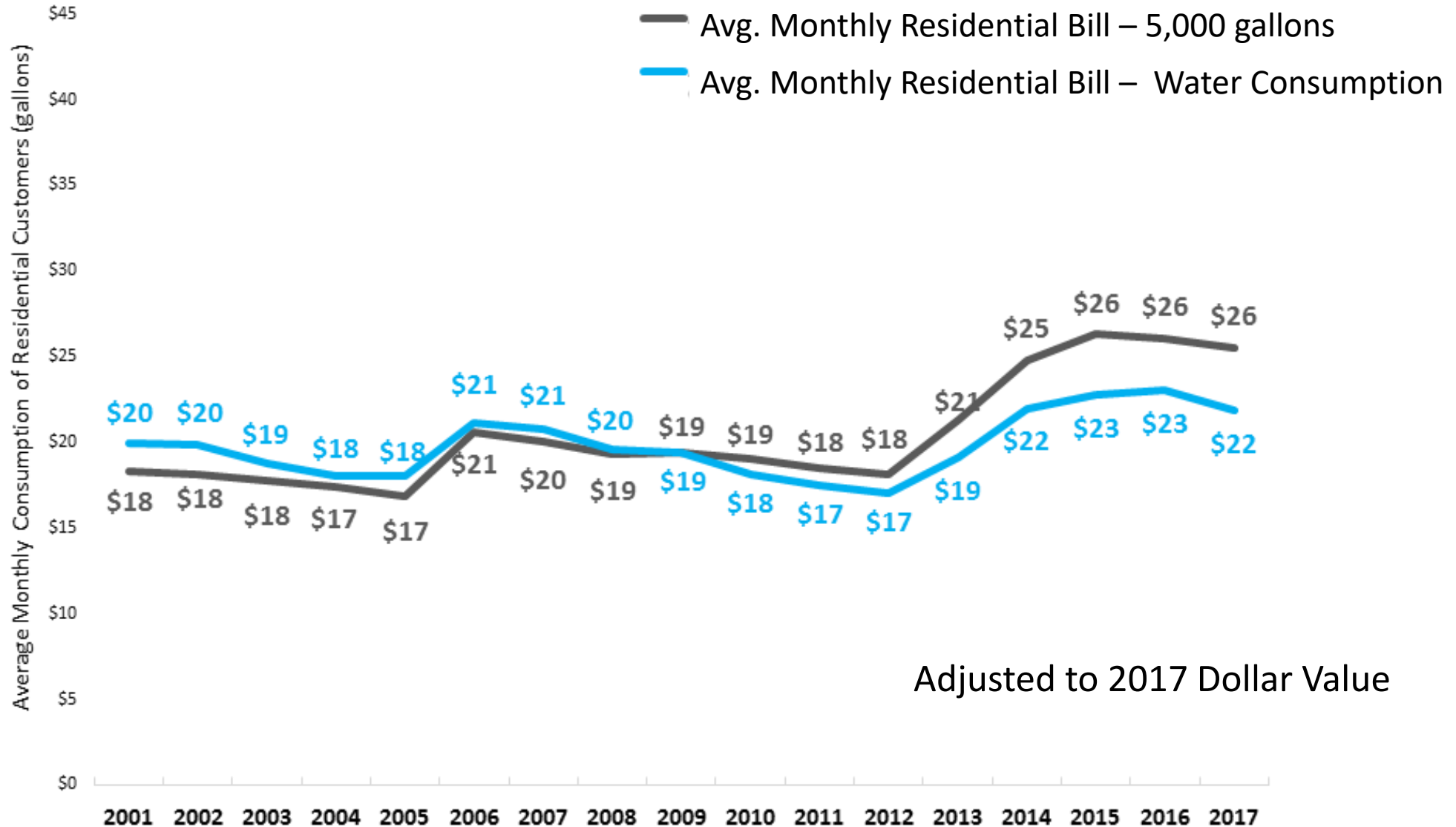
Consumption Decline



Average Monthly Residential Consumption (Gallons)



Average Monthly Water Bills (2017 Dollar Value)

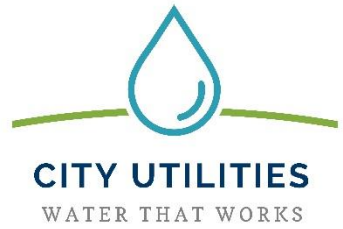


Recent Water System Improvements



- Completed \$54.5M in CIP investments 2013-2016
- 36.8 miles of WMR 2013-2016
- NW Feeder Main Phase IV
- Plant 3 Filters Replacement

Replacement Program Accomplishments



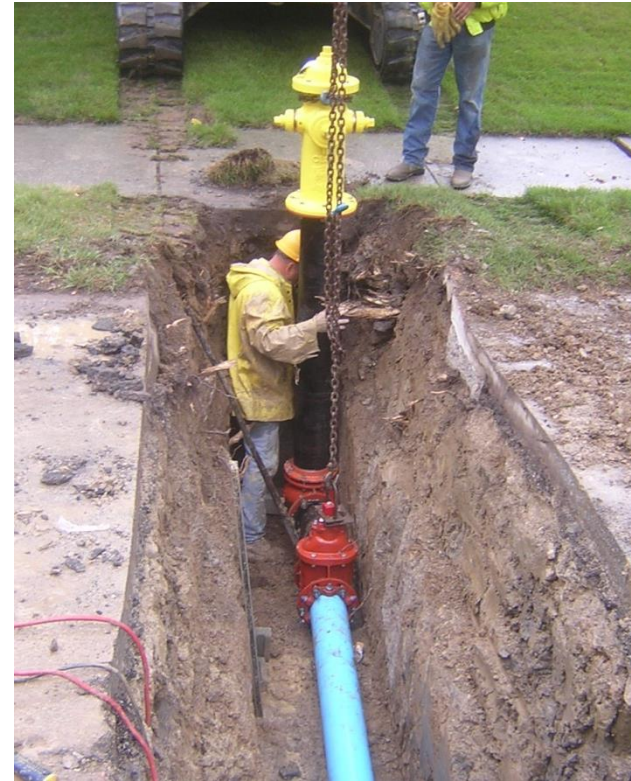
Weisser Park, Oliver, Gaywood

Replacement Program Accomplishments



Dodge, Charlotte, Glenwood, Curdes

Replacement Program Accomplishments



Northcrest Drive, Archwood Lane, Camden, Warwick

Replacement Program Accomplishments



Emerson, Ellen Avenue

Replacement Program Accomplishments



Westmoor, Reckeweg

Replacement Program Accomplishments



Bluffton Road, Avalon

Replacement Program Accomplishments



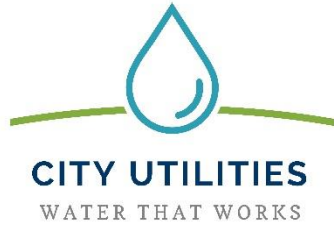
Bradwood Terrace

Replacement Program Accomplishments



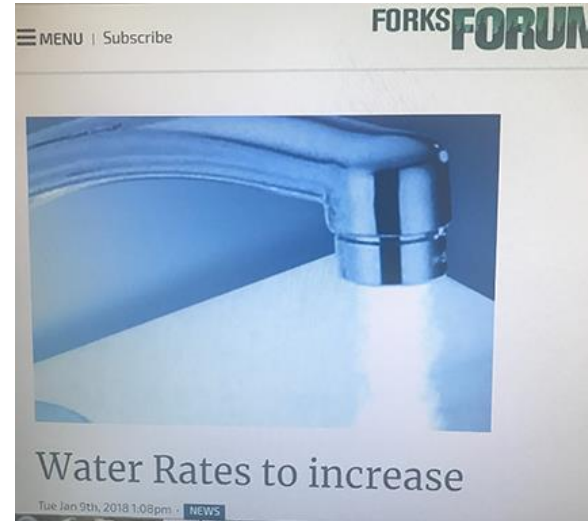
Lassiter Mill

Nationwide Infrastructure Needs



Water rates to increase for MLGW customers

Updated: Jan 9, 2018 - 9:45 PM



25% hike in Lisbon water rates eyed

Possible big increase tied to issues with town's aging system
BY CHRIS QUATTRUCCI
Times Record Staff

LISBON

Lisbon residents could soon be seeing an increase in their water possibly even as much as a 25 percent hike.

The town's Water Department is proposing new rates. As noted in a letter sent to rate payers in November 2017, the department cited the town's aging water system and deterioration as primary drivers of the potential increase.

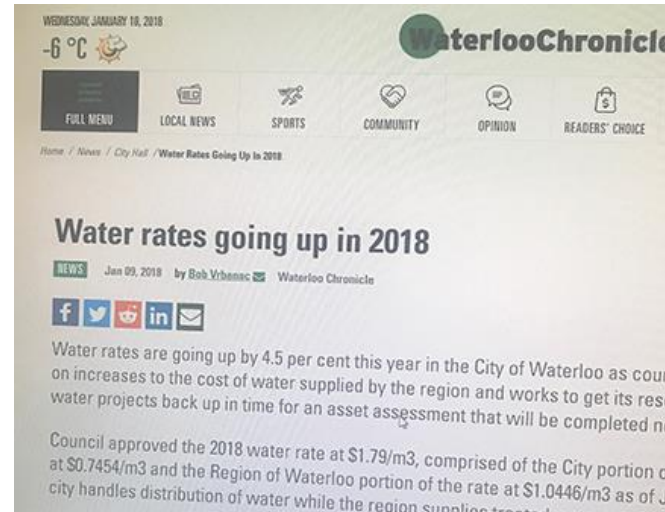
Central Arkansas Water has raised rates for second year

Little Rock-based utility uses funds to increase new-pipe budget

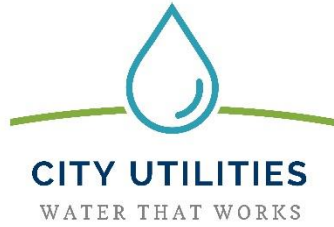


By Chelsea Sooner

This article was published January 11, 2018 at 4:30 a.m.



Nationwide Infrastructure Needs



GOSHEN NEWS NEWSPAPER ADVERTISING WORKS 17° Clear Search...

Our \$1 Million Bet We're Betting \$1,005,998 on ONE Stock in 2018. fool.com

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Goshen plans water, sewer rate hikes

Officials: Gradual increases will offset \$33M needed for utility-related capital projects

JOHN KLINE THE GOSHEN NEWS 8 hrs ago

Sioux City Journal News Sports Obituaries Buy, Sell & Jobs Opinion Events

Water, sewer rates going up in Dakota City

IAN RICHARDSON irichardson@siouxcityjournal.com Jan 14, 2018

DAKOTA CITY | Dakota City residents will once again see larger totals on their water and sewer bills this year.

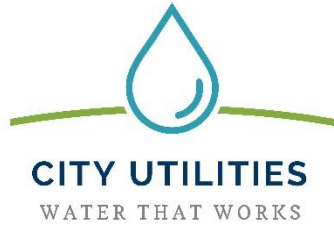
WE DO I Testing #Dc

Water Prices Could Be Going Up For Denver

July 19, 2017 at 12:43 pm Filed Under: Denver Water, Water Rate Hike



Nationwide Infrastructure Needs



Manage your subscription Marketplace Classifieds Homes Cars Careers

HJnews.com

Logan approves 35 percent water rate increase

By Sean Dolan staff writer Apr 3, 2018 (4)

Des Moines Register

PART OF THE USA TODAY NETWORK

HOME NEWS SPORTS THINGS TO DO BUSINESS COMMUNITIES OPINION Slider ARCHIVES


Mitchellville water rates could be on the rise

Jonathan Krueger, jkrueger@registermedia.com Published 1:12 p.m. CT Jan. 8, 2018

AROUND THE METRO

The city of Mitchellville could be looking at higher water bills in the near future.

To help pay for their future water and sewer projects the city is looking at increasing the cost of water in the community.



Here's how much more residents will pay for water in Chino Hills

Inland Valley Daily Bulletin - May 10, 2018

Letter: Shrewsbury needs a better strategy to set water rates

Worcester Telegram - May 12, 2018

New Jersey American Water to Implement Provisional Rates as the Company's Rate Request is Being Reviewed

Business Wire (press release) May 11, 2018

International Falls Journal

ifallsjournal.com

News Sports Outdoors Photos/Videos Announcements Obits Jobs Classifieds



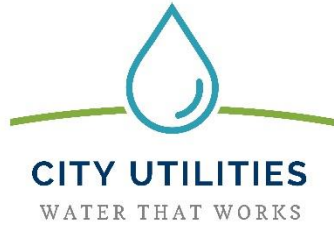
Can't find kidney care?

Tell who you

Council moves toward new rates, fees

By LAUREL BEAGER Editor 2 hrs ago (0)

Nationwide Infrastructure Needs

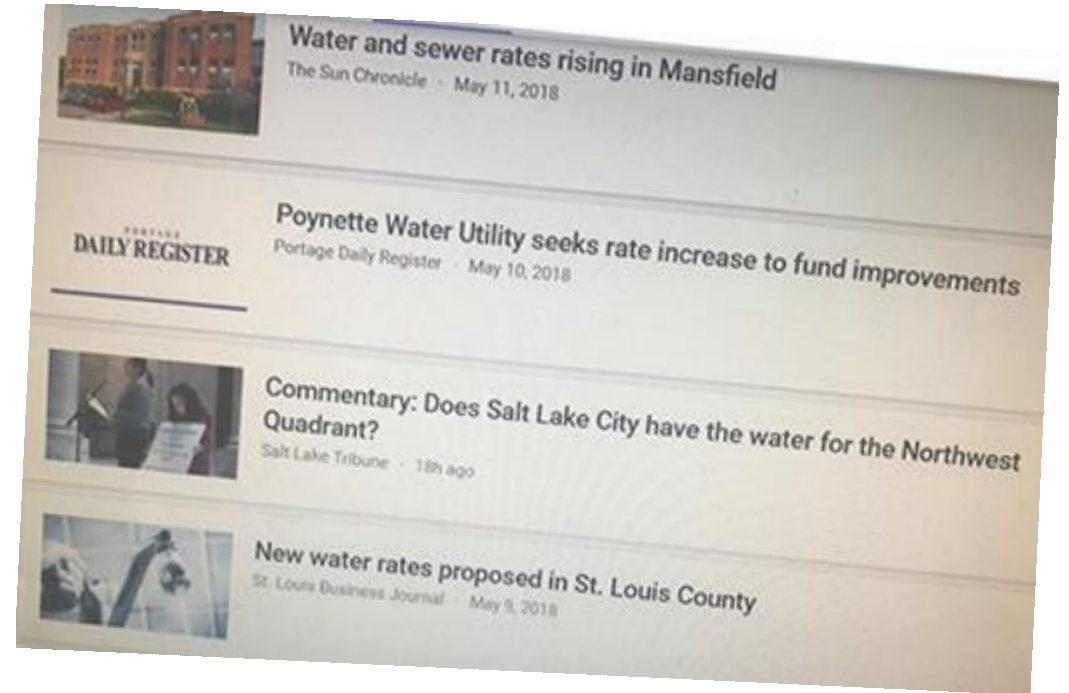
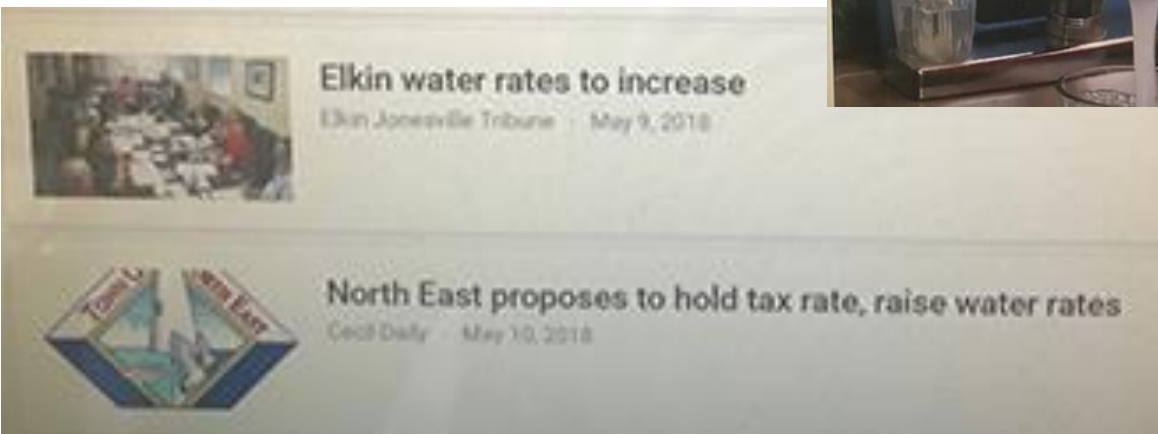


Otay Water District to Raise Rates

The new water rates would affect almost a quarter of a million people in the southern area of San Diego County

By NBC 7 Staff

Published at 10:45 AM PDT on May 31, 2018 | Updated at 10:50 AM PDT on May 31, 2018

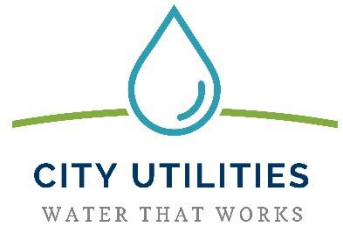


Rate Study Findings



	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Residential - 4,000 gallons					
Monthly Average Rate	\$24.12	\$25.55	\$27.08	\$28.65	\$30.32
Monthly Average Change	\$1.34	\$1.43	\$1.53	\$1.57	\$1.67

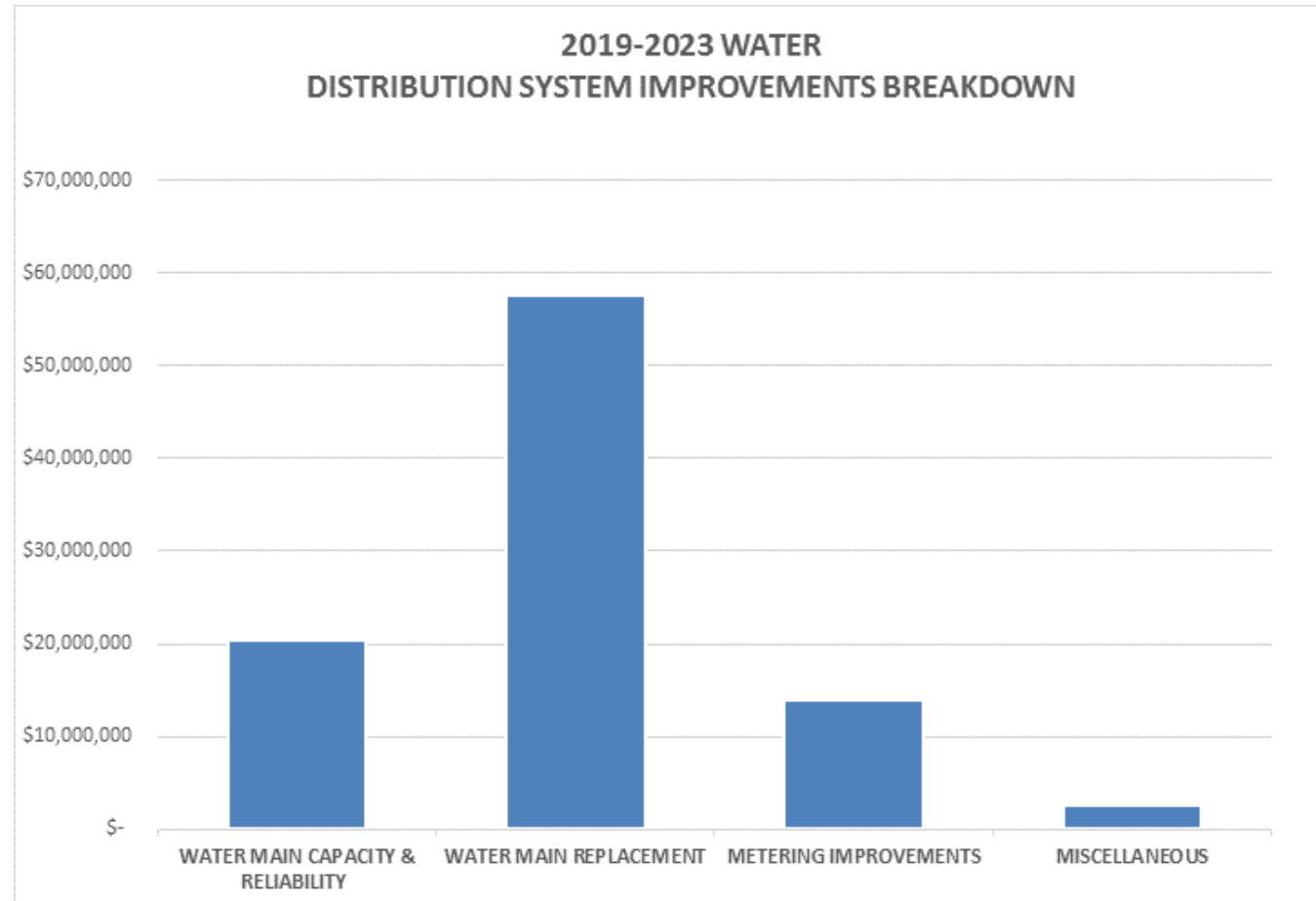
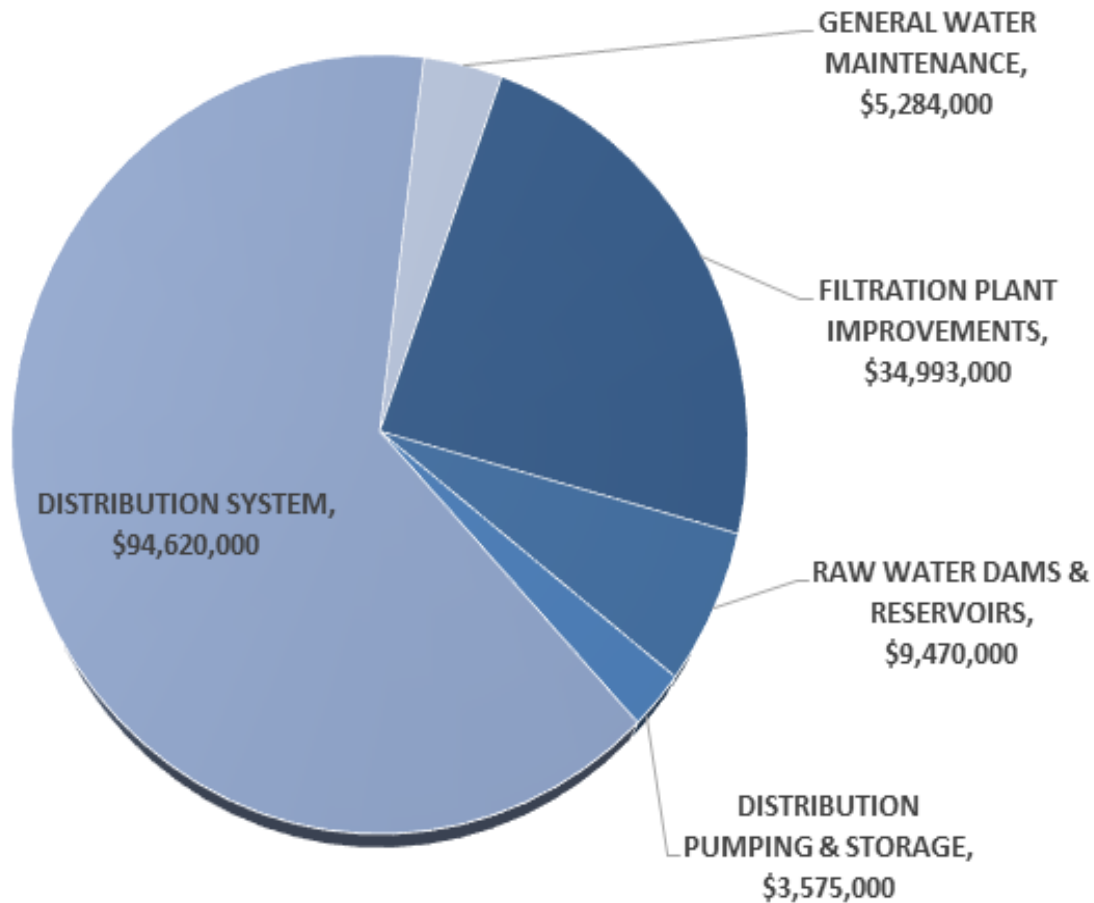
Cost Comparison - other Indiana cities



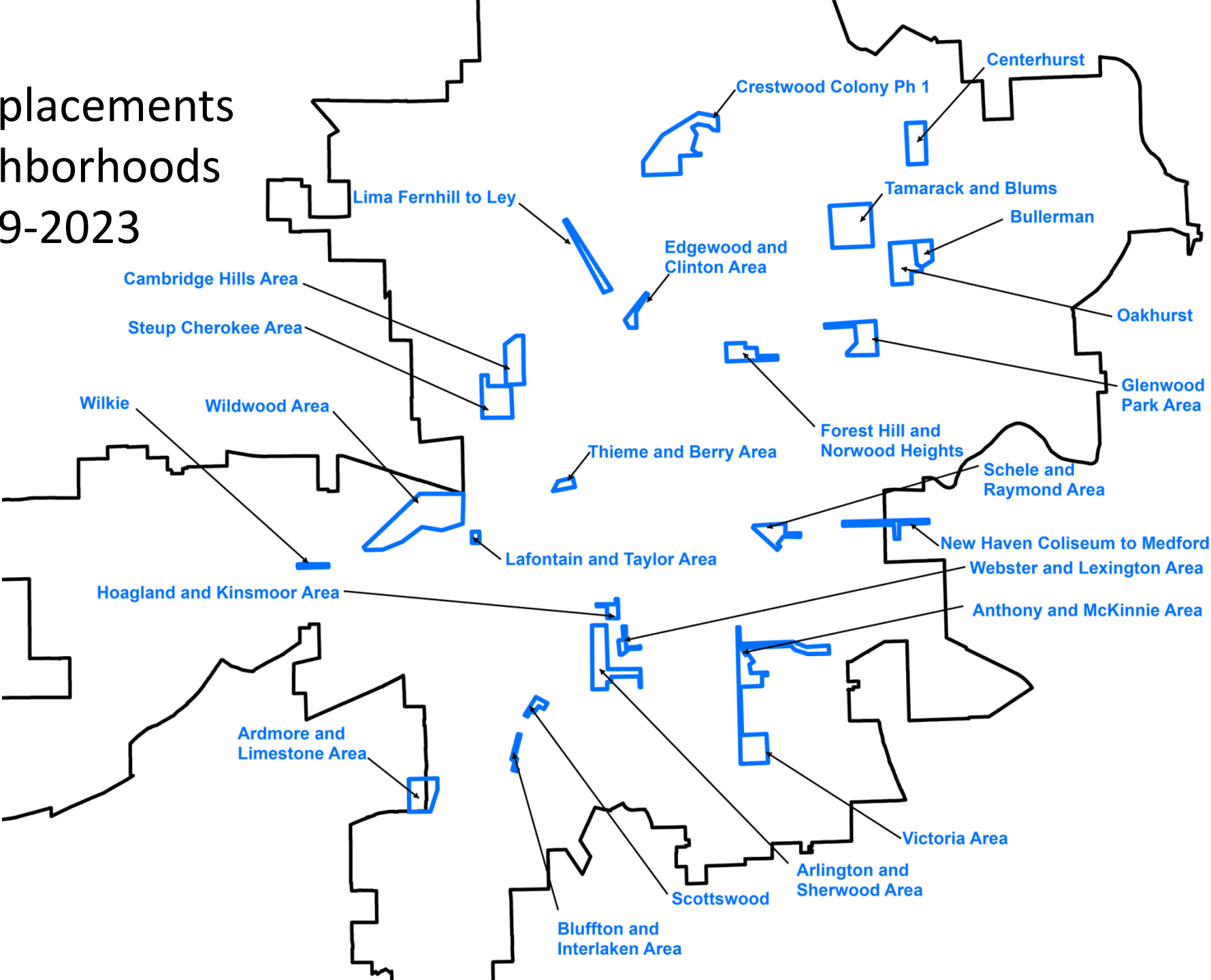
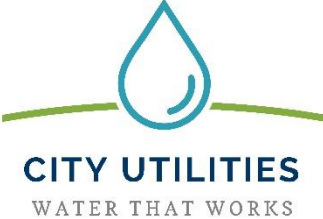
City/Town	Effective Date	4,000 gallons
Gary	2018	41.41
Greenwood	2018	41.41
Kokomo	2018	41.41
Muncie	2018	41.41
New Albany	2018	41.41
Noblesville	2018	41.41
Richmond	2018	41.41
Terre Haute	2018	41.41
Jeffersonville	2018	41.41
Portage	2018	41.41
Fishers - IAW	2018	41.41
Lawrence	2017	37.66
Westfield	2016	29.54
Fishers - Citizens	2016	28.32
Indianapolis	2016	28.32
Evansville	2018	28.06
Anderson	2016	24.68
Mishawaka	2018	22.98
Fort Wayne	2017	22.78
Bloomington	2018	22.77
South Bend	2018	13.94
Columbus	1992	10.73

Source:
HJ Umbaugh and Associates

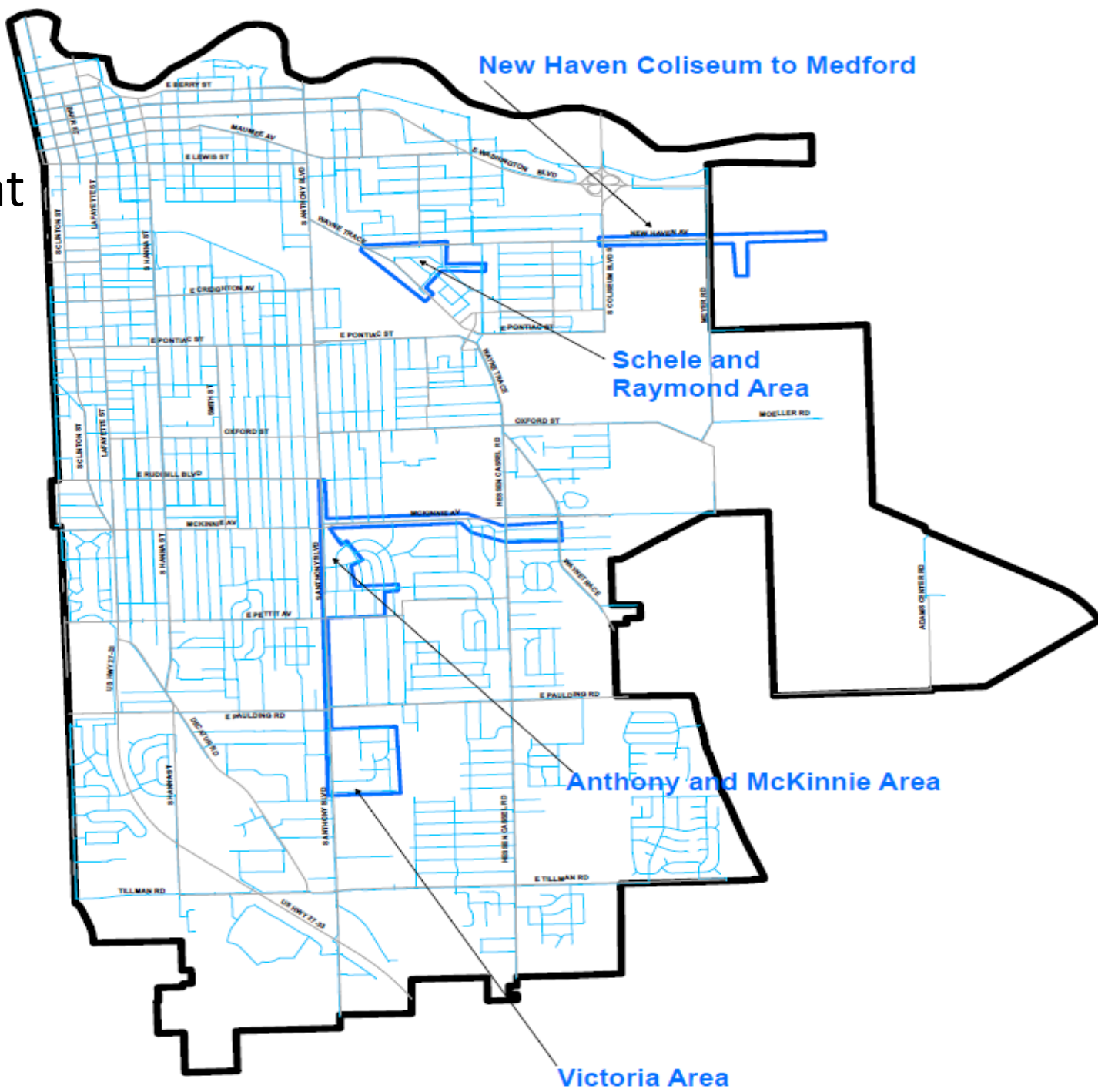
Proposed Projects 2019-2023



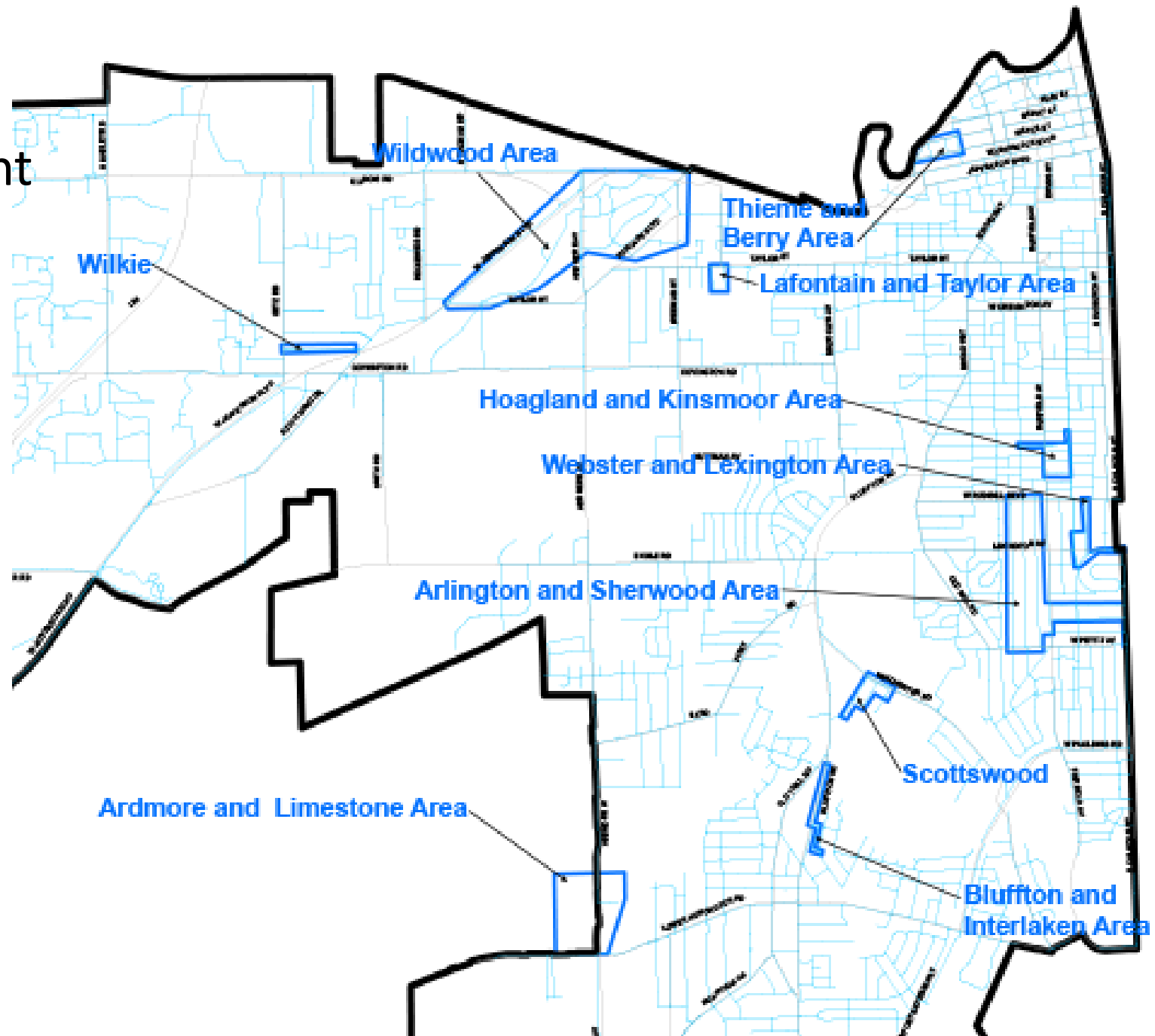
Main Replacements 25 Neighborhoods 2019-2023



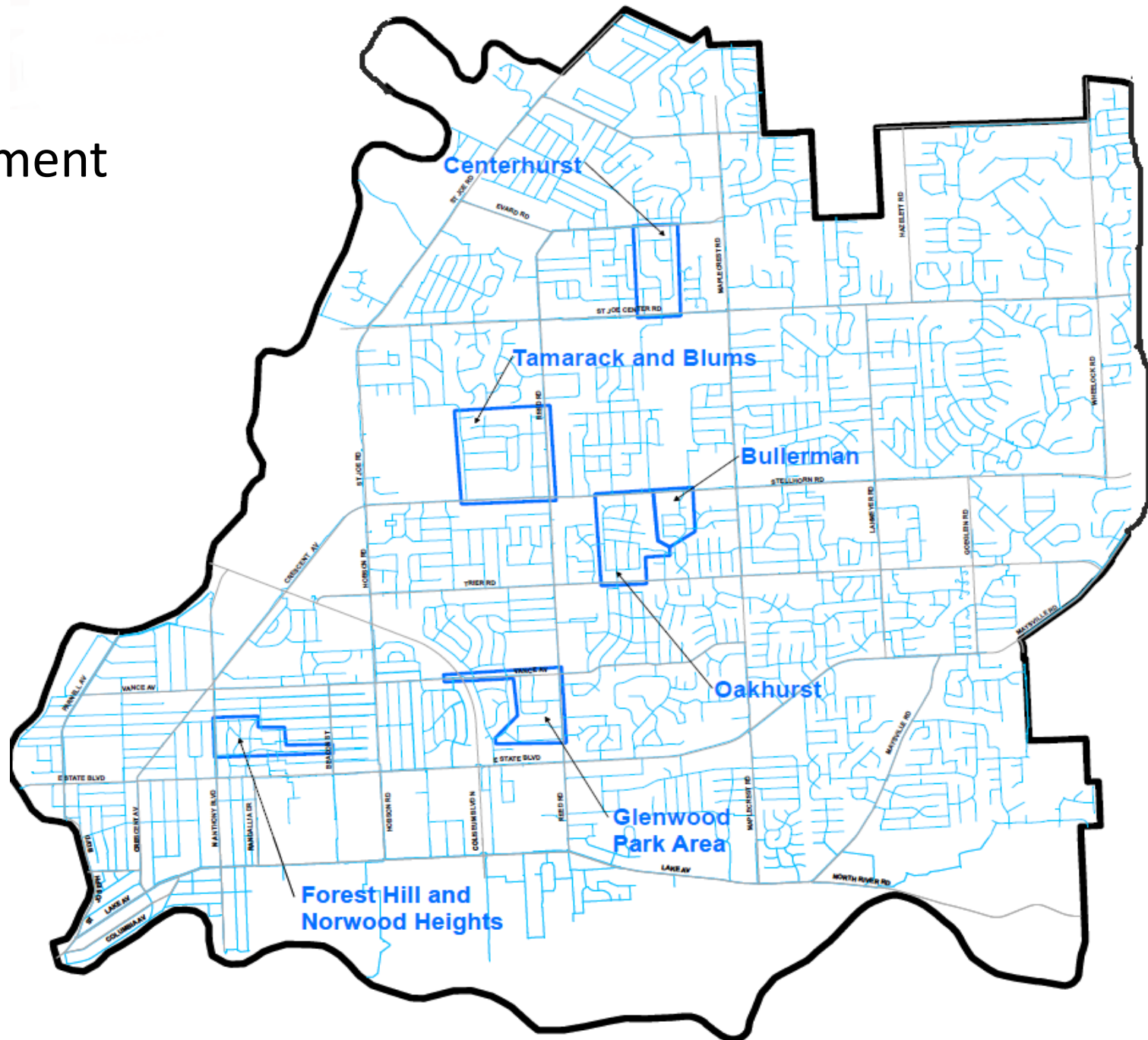
Southeast Main Replacement



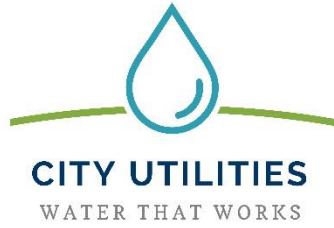
Southwest Main Replacement



Northeast Main Replacement



Northwest Main Replacement



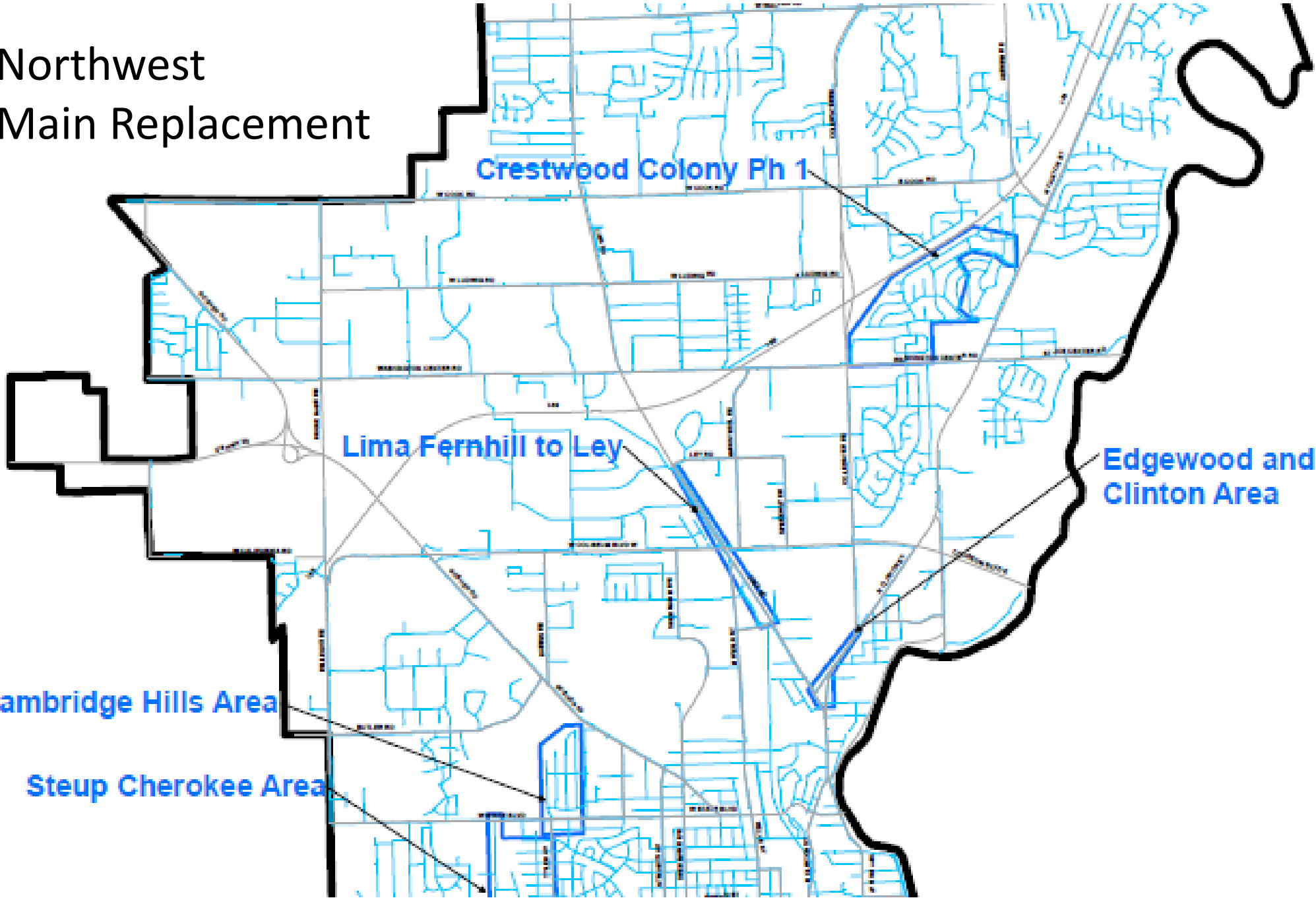
Crestwood Colony Ph 1

Lima Fernhill to Ley

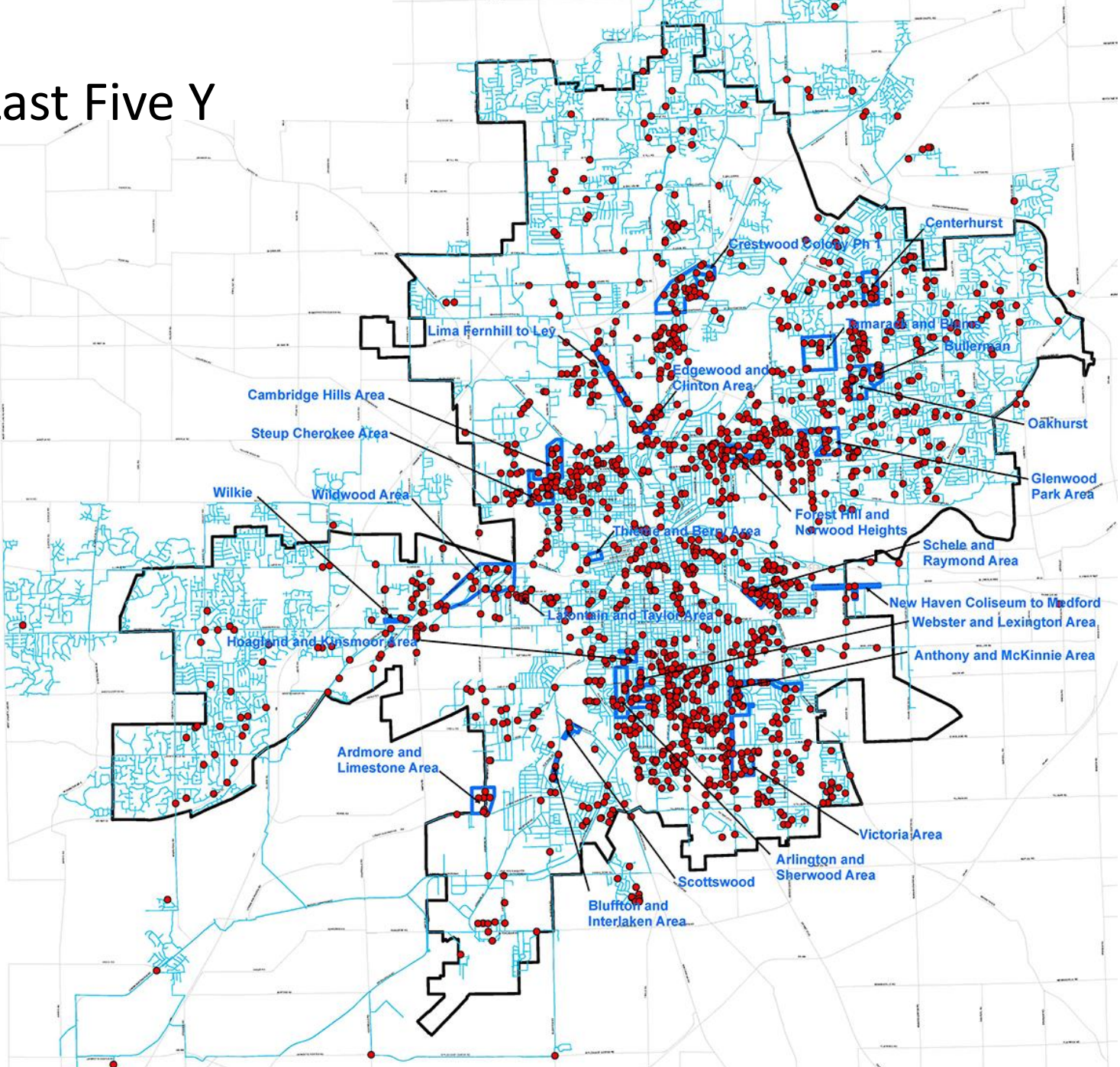
Edgewood and
Clinton Area

Cambridge Hills Area

Steup Cherokee Area



Breaks in Last Five Y



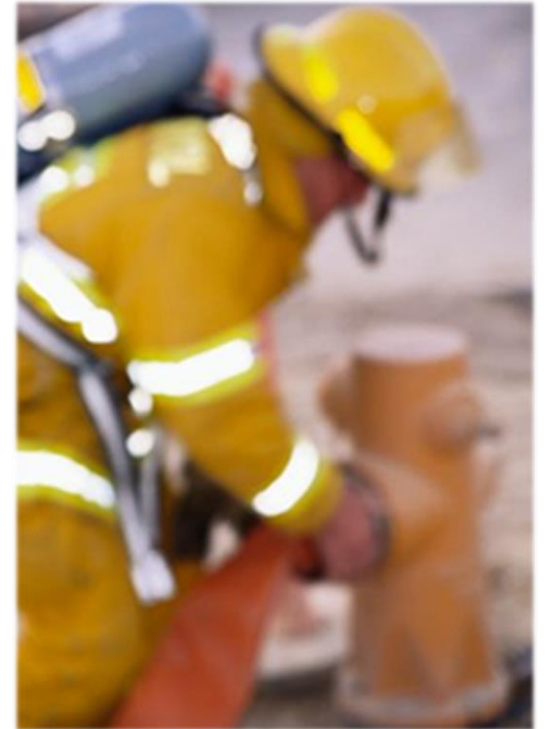
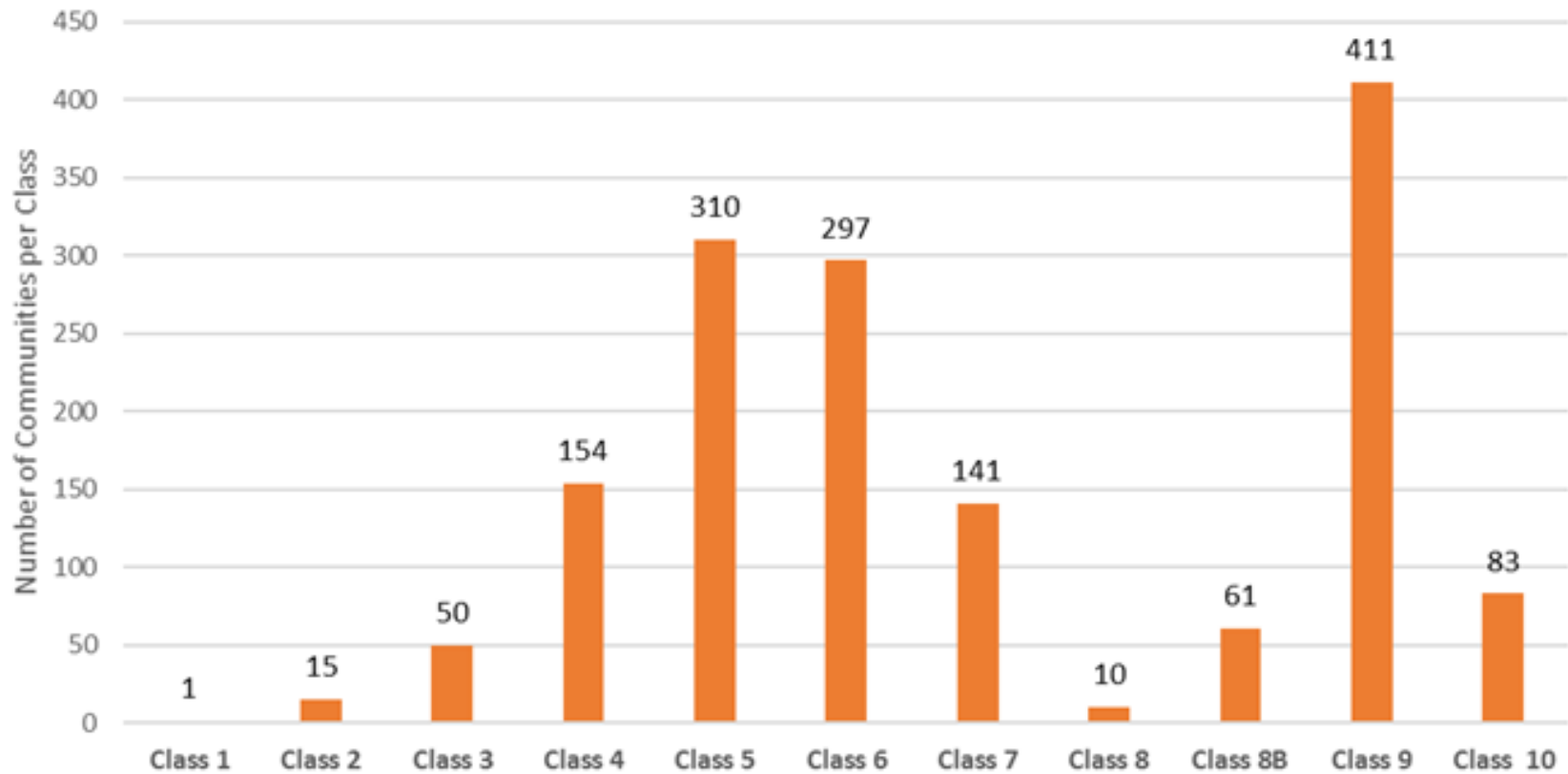
Neighborhood Improvements Planned



Neighborhood	Total Breaks
Anthony and McKinnie Area	169
Crestwood Colony Ph 1	134
Wildwood Area	125
Bullerman and Oakhurst	122
Schele and Raymond Area	90
Victoria Area	89
Glenwood Park Area	88
Arlington and Sherwood Area	82
Tamarack and Blums	76
Steup Cherokee Area	70
Cambridge Hills Area	68
Centerhurst	68
Forest Hill and Norwood Heights	67
Hoagland and Kinsmoor Area	58

Impact on Public Safety and Insurance Rates

Insurance Services Office (ISO)
Indiana Public Protection Classification



Why five years



- Minimize financial impact on customers
- Allows families and businesses to budget
- It allows us to set a course to replace failing pipes
- Minimizes business and neighborhood disruptions
- Focuses on the backlog of need
- Creates favorable market conditions for bonds

