

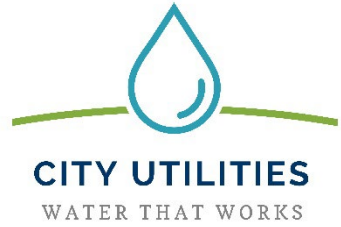
Investing in Our Future

Sustainable, Reliable, Secure



Public Outreach Meeting

Investing in Public Health and Safety



Supporting Economic Development



MILAGRO



System Disruptions

Stormwater Drainage Issues



Pontiac



Bullerman Drain



W. California Rd.



Centerhurst



Braun Drain



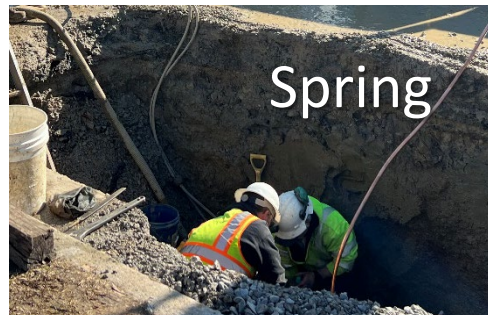
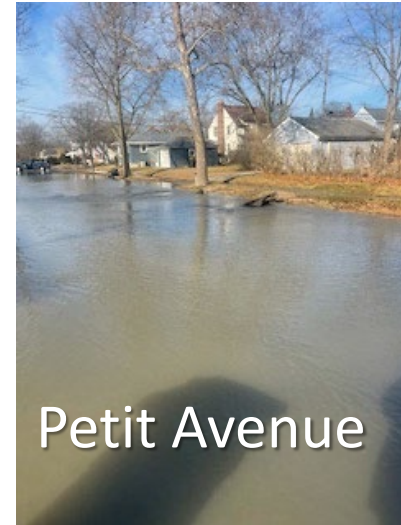
Tamarack

System Disruptions

Sewer Collapses and Backups



System Disruptions Water Main Breaks



Impact of Infrastructure Failures



Water main break prompts early dismissal at Aboite Elementary School



Water main repair closes stretch of West State Boulevard

by: Clayton McMahan
Posted: Jan 22, 2025 / 05:03 PM EST
Updated: Jan 22, 2025 / 06:20 PM EST



The Journal Gazette

Water main break forces school shut today

Ashley Sloboda Oct 23, 2020

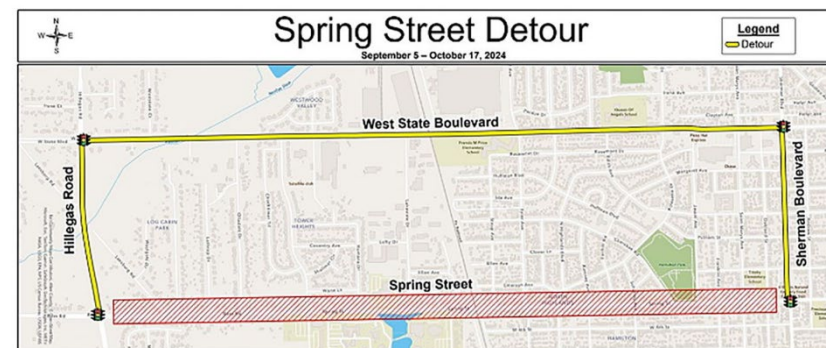
Almost 400 Fort Wayne Community Schools students won't have class today because of a massive water main break late afternoon Thursday, district officials said.

FWCS hopes to reopen Arlington Elementary School on Monday.

"There was water coming into the building, so there will be significant cleanup, as well as the repairs," spokeswoman Krista Stockman said.



Water main work to close Spring Street for one month



Impact of Infrastructure Failures

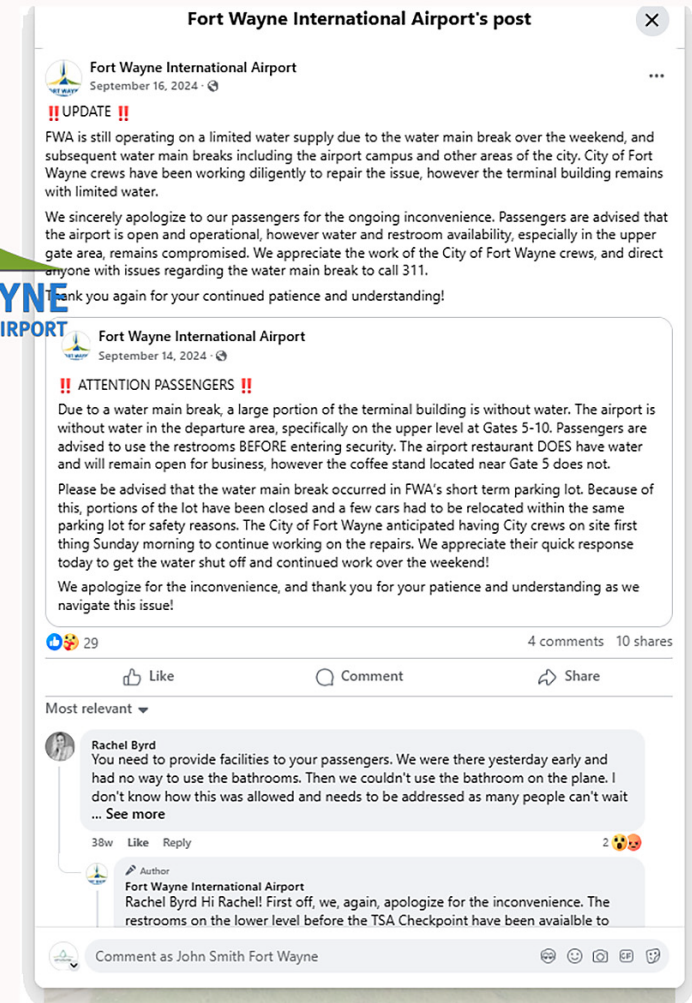


Fort Wayne International



“Due to a water main break, a large portion of our terminal building is without water.”

“You need to provide facilities to your passengers...I don't know how this was allowed” - FWA Traveler



Impact of Infrastructure Failures



54-inch Main Break Floods 200 Homes



Cost to Detroit \$12 Million

12-inch Main Break Floods Downtown

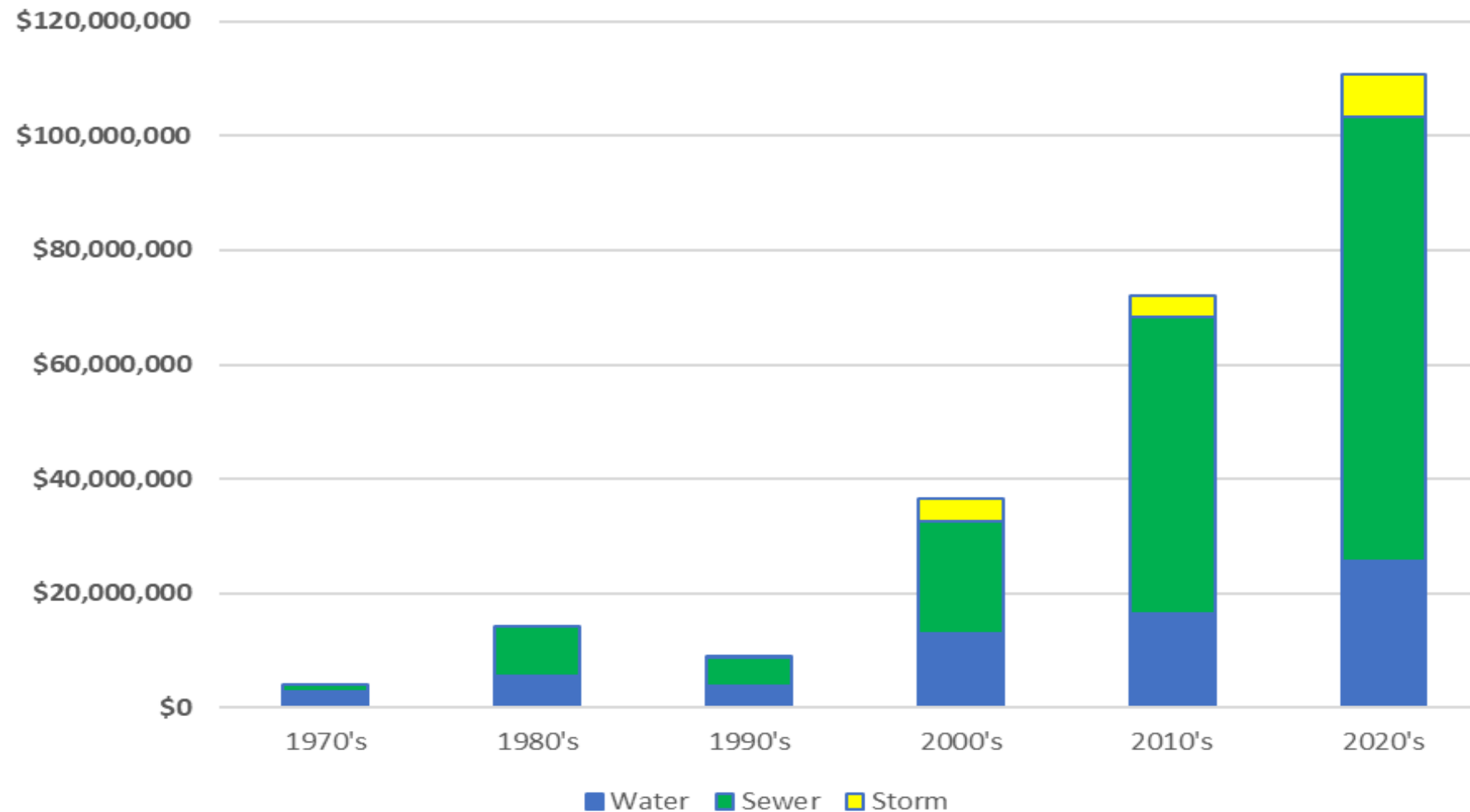


Cost to Columbus, Ohio \$20 Million

Past Decisions, Current Consequences

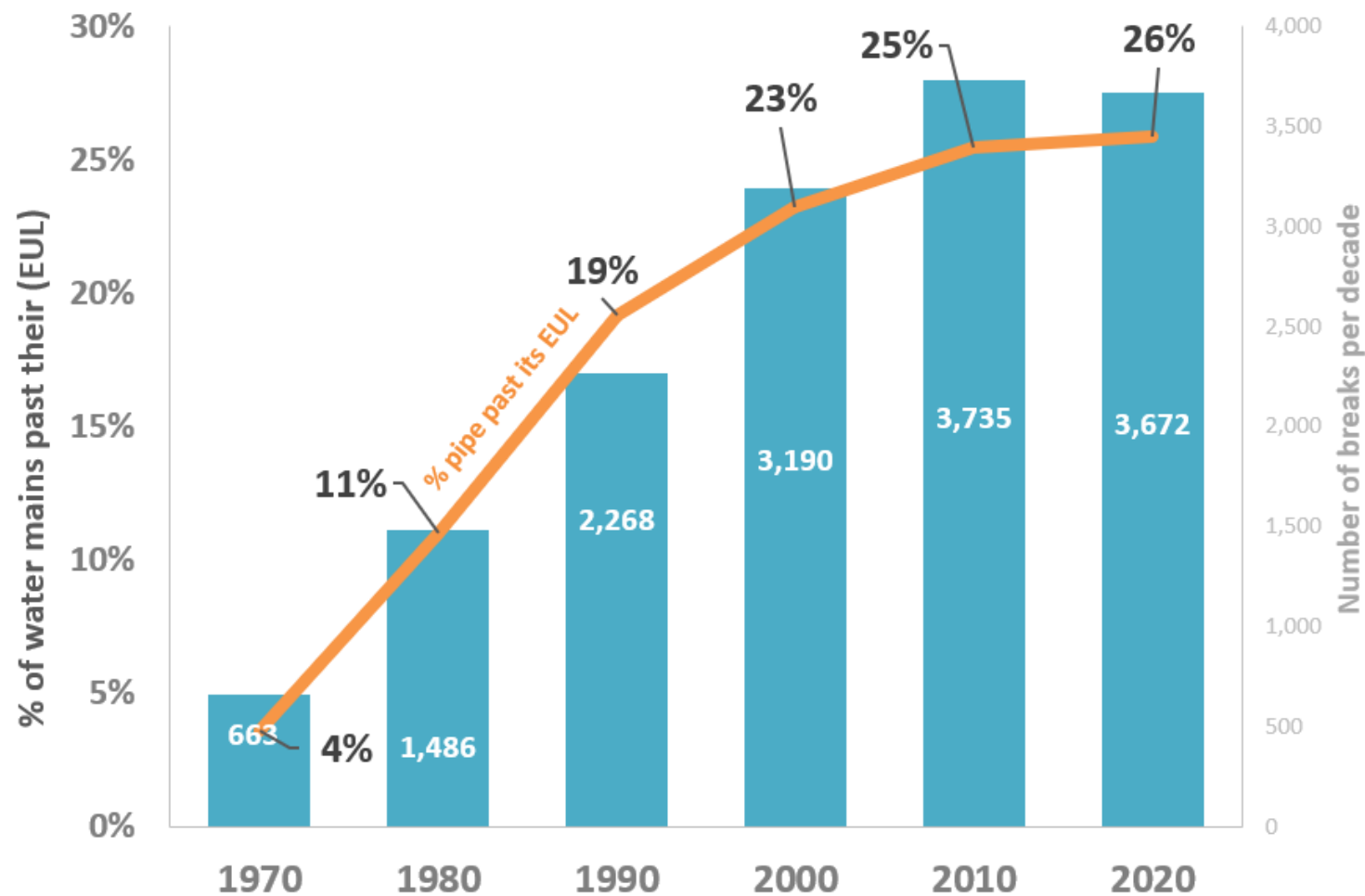


Average Year Capital Investment by Decade



Past Decisions, Current Consequences

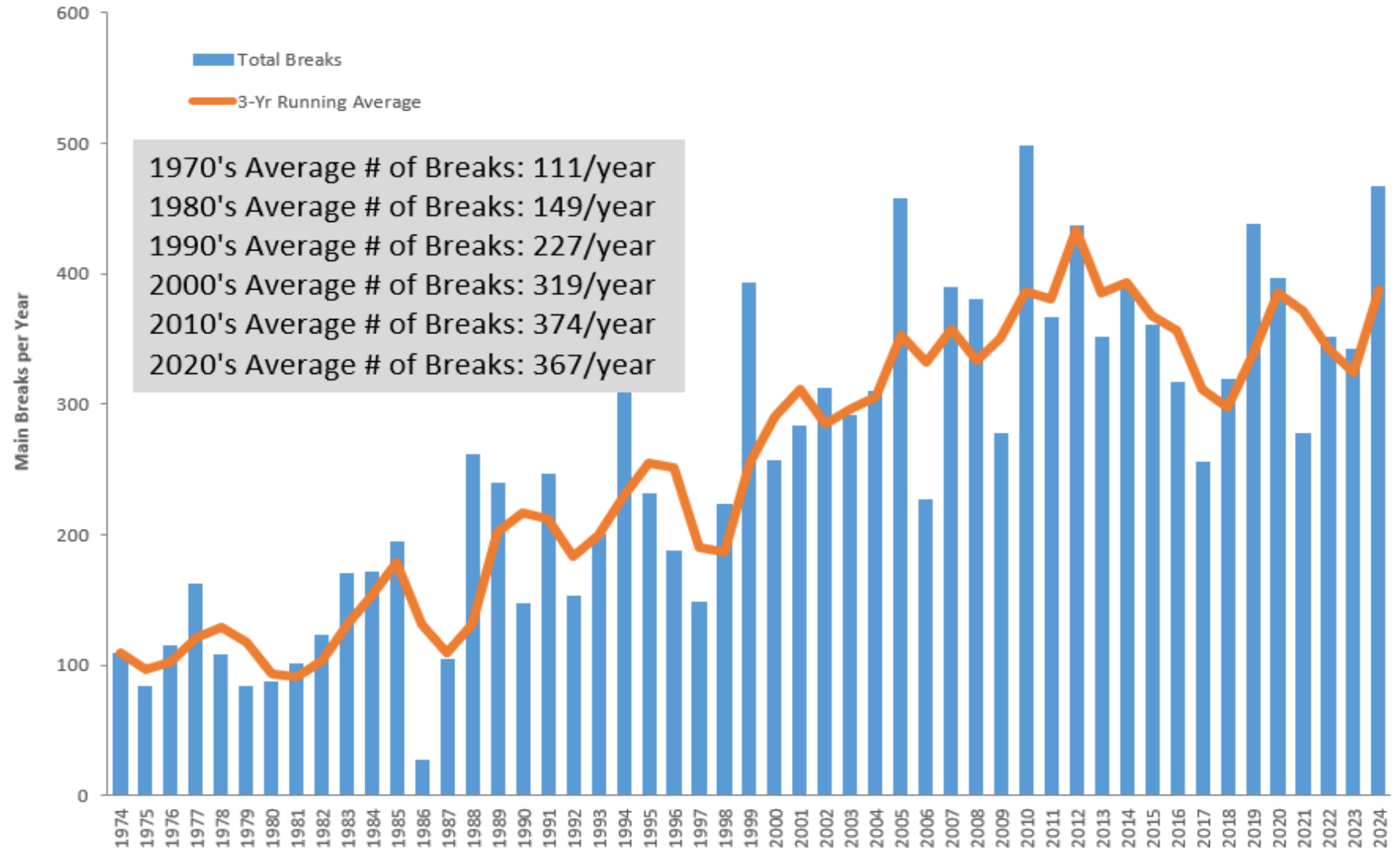
Correlation Between Estimated Useful Life (EUL) and Breaks per Decade



Past Decisions, Current Consequences

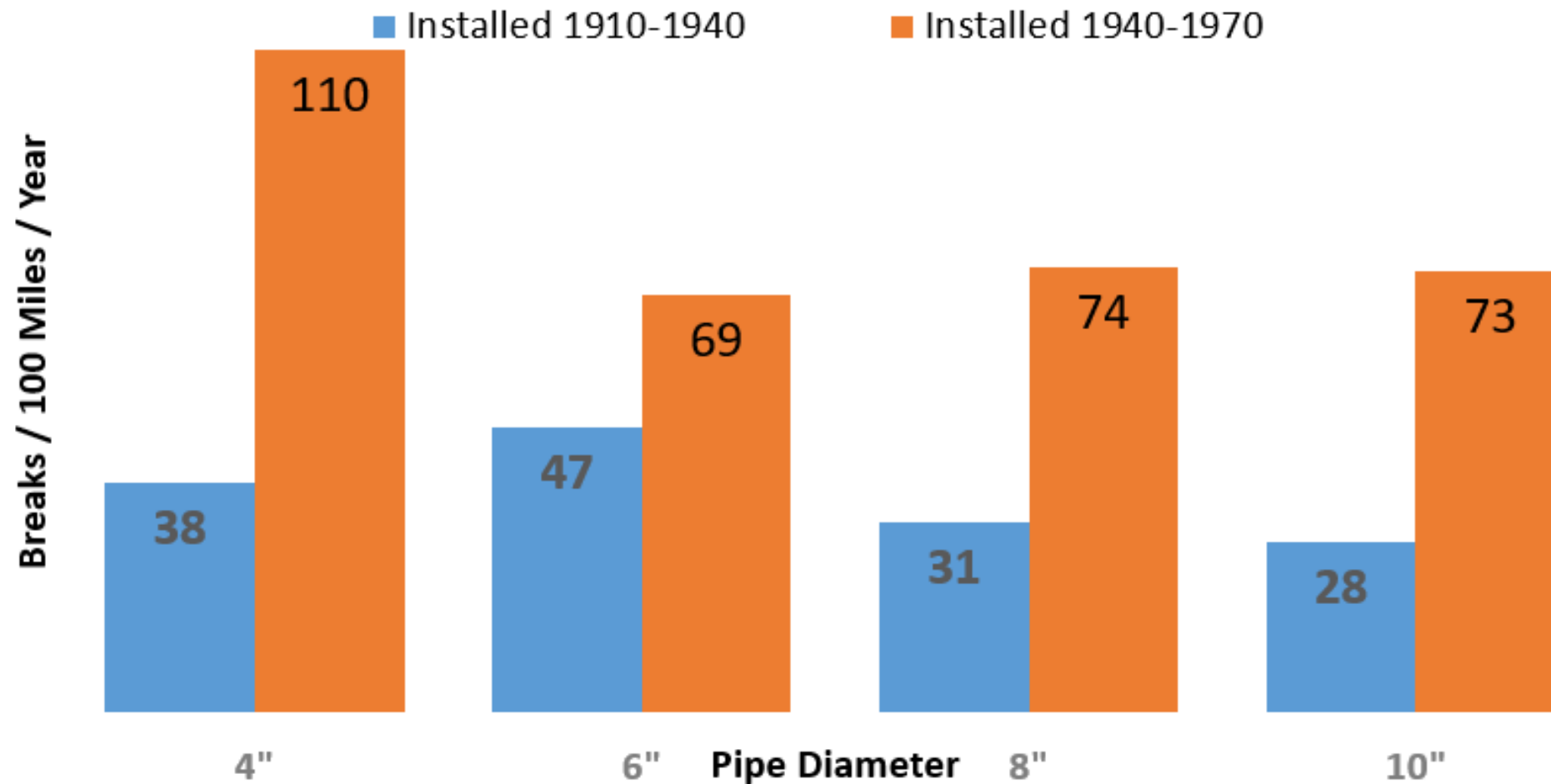


Water Main Breaks Through History

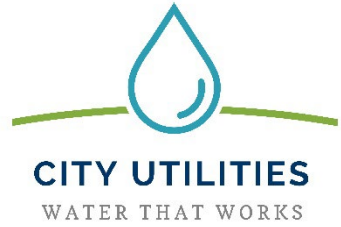


Past Decisions, Current Consequences

Cast Iron Pipe Failure 2010-2025



Past Decisions, Current Consequences



More than \$5 Million per year fixing worn pipes



Main Break Repair/Restoration \$5-15K per break

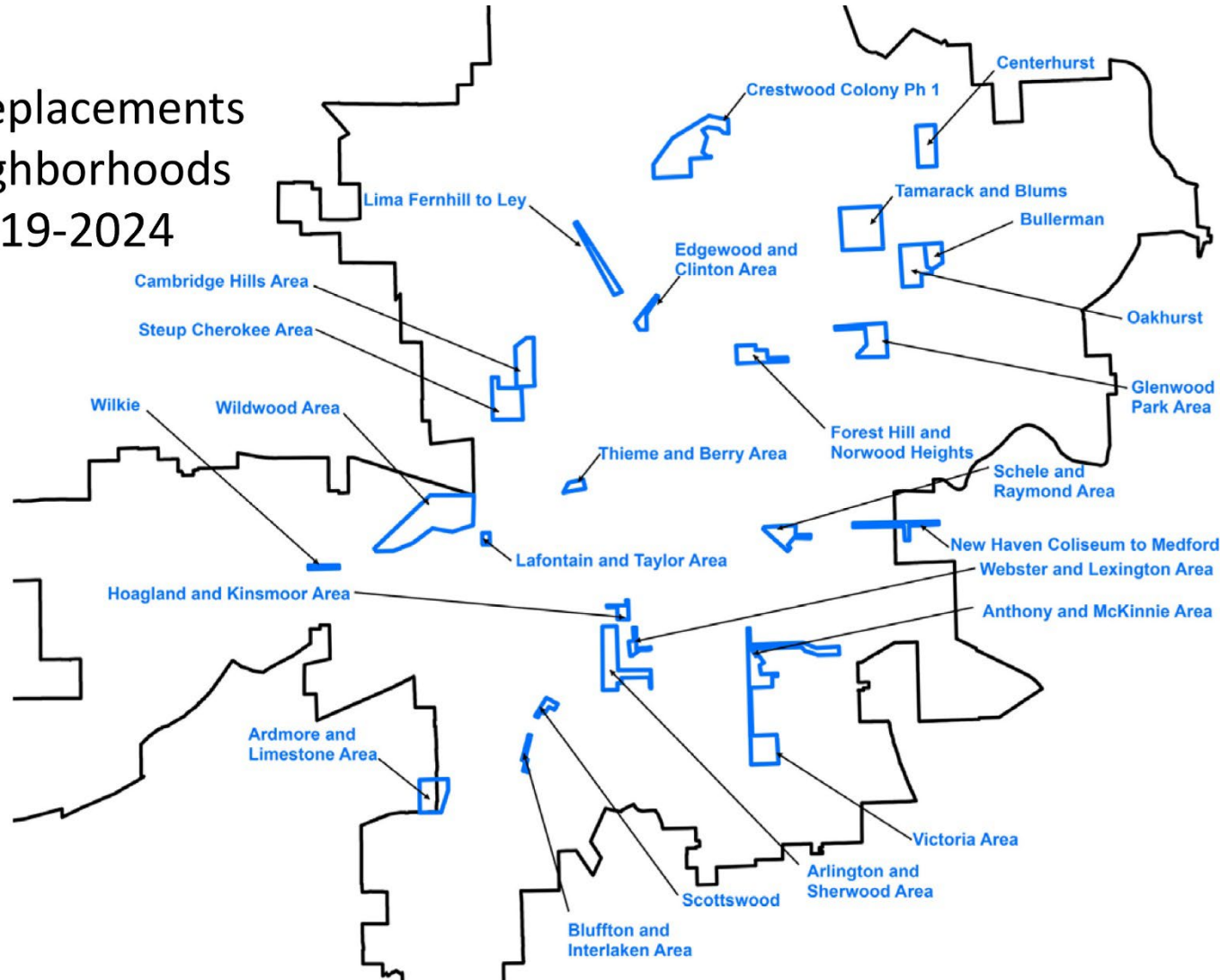
A Commitment to Invest



Delivering on Our Commitments



Main Replacements 25 Neighborhoods 2019-2024



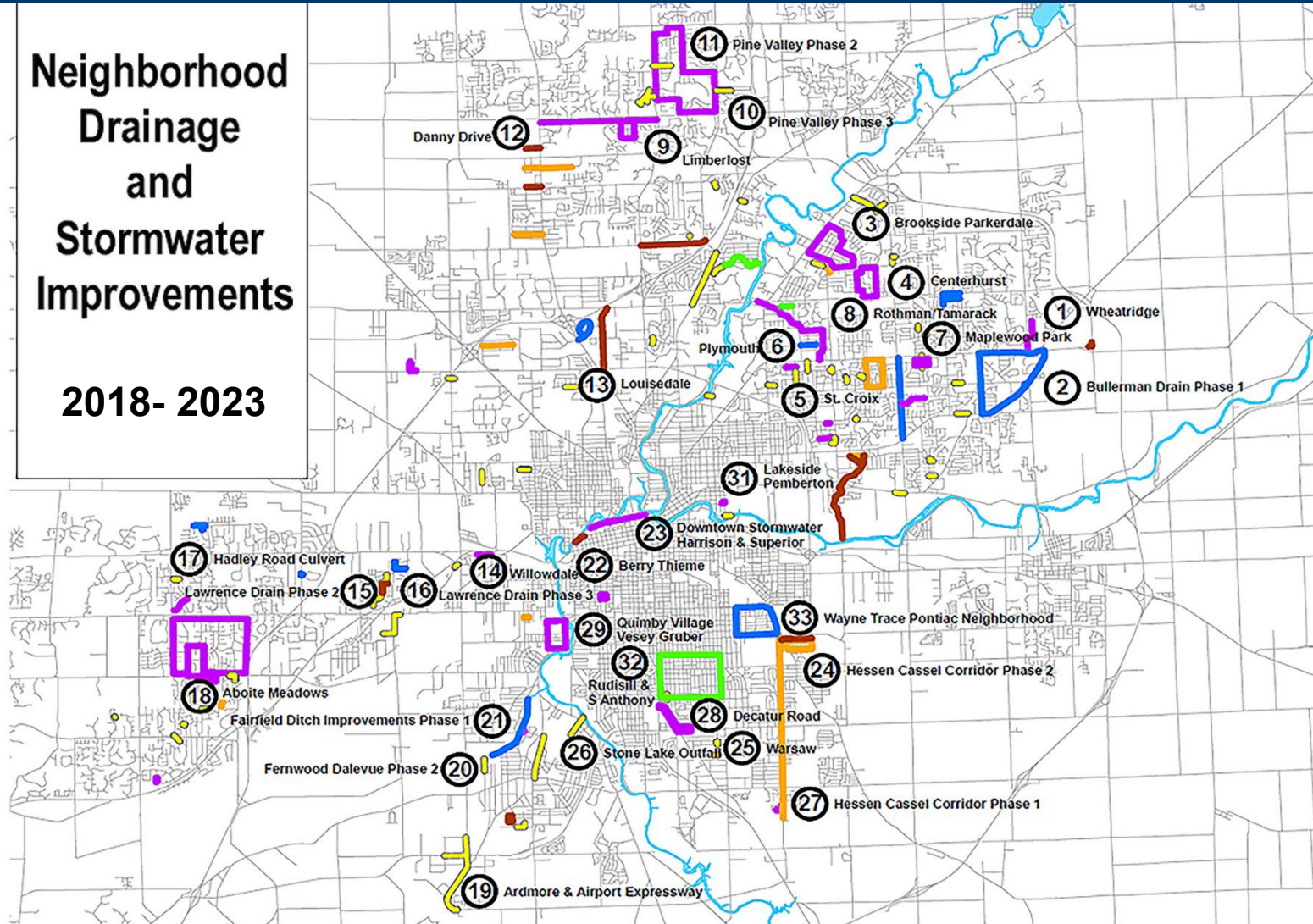
Replaced 110 miles of
aging pipe
2014-2025



Delivering on Our Commitments

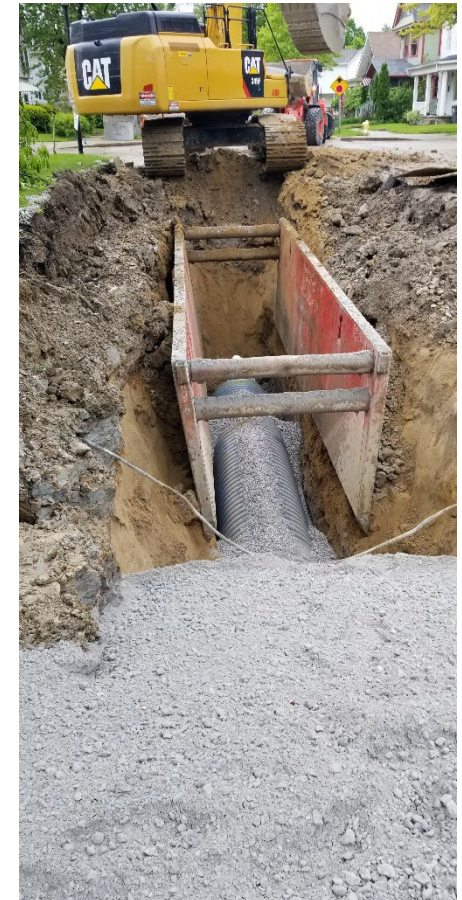
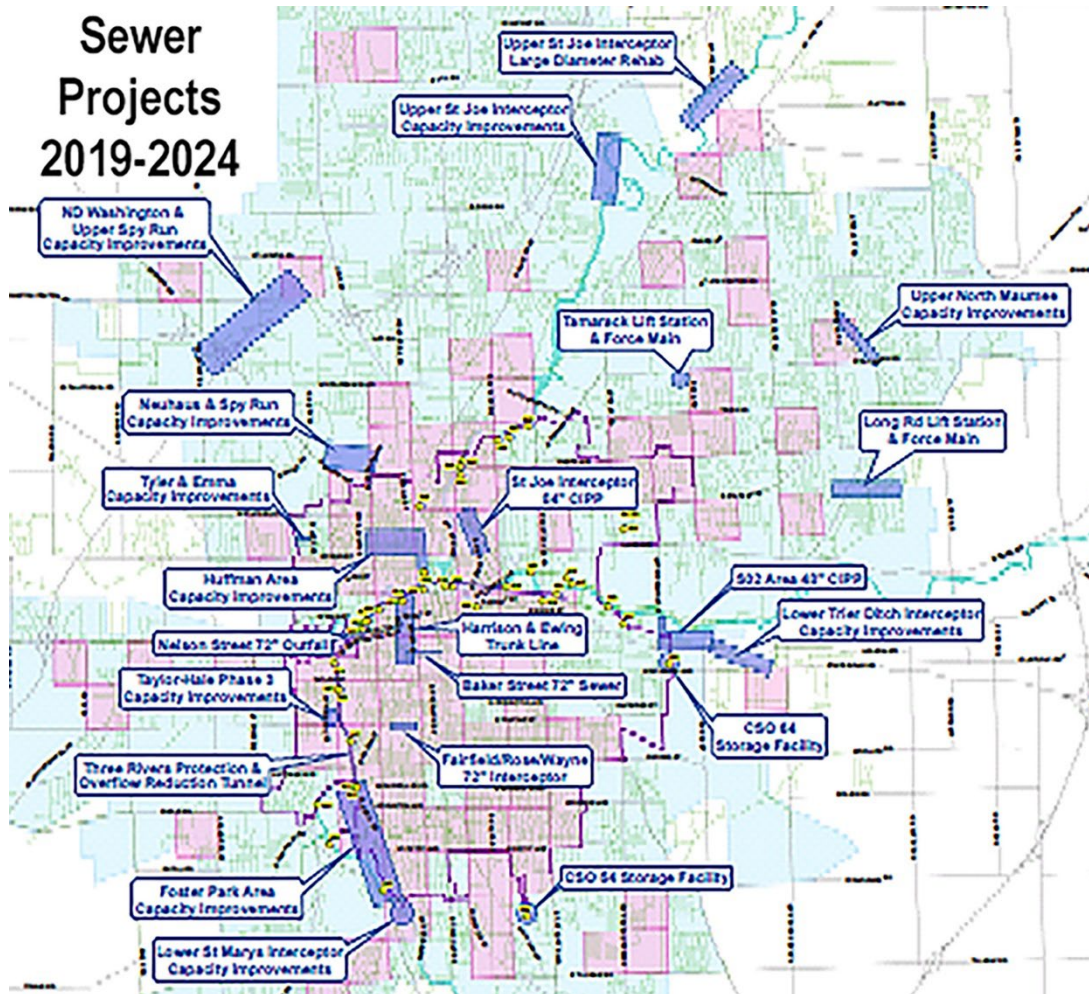


Nighborhood Drainage and Stormwater Improvements 2018- 2023



More than 400
Neighborhood
Drainage
Projects
2013-2024

Delivering on Our Commitments



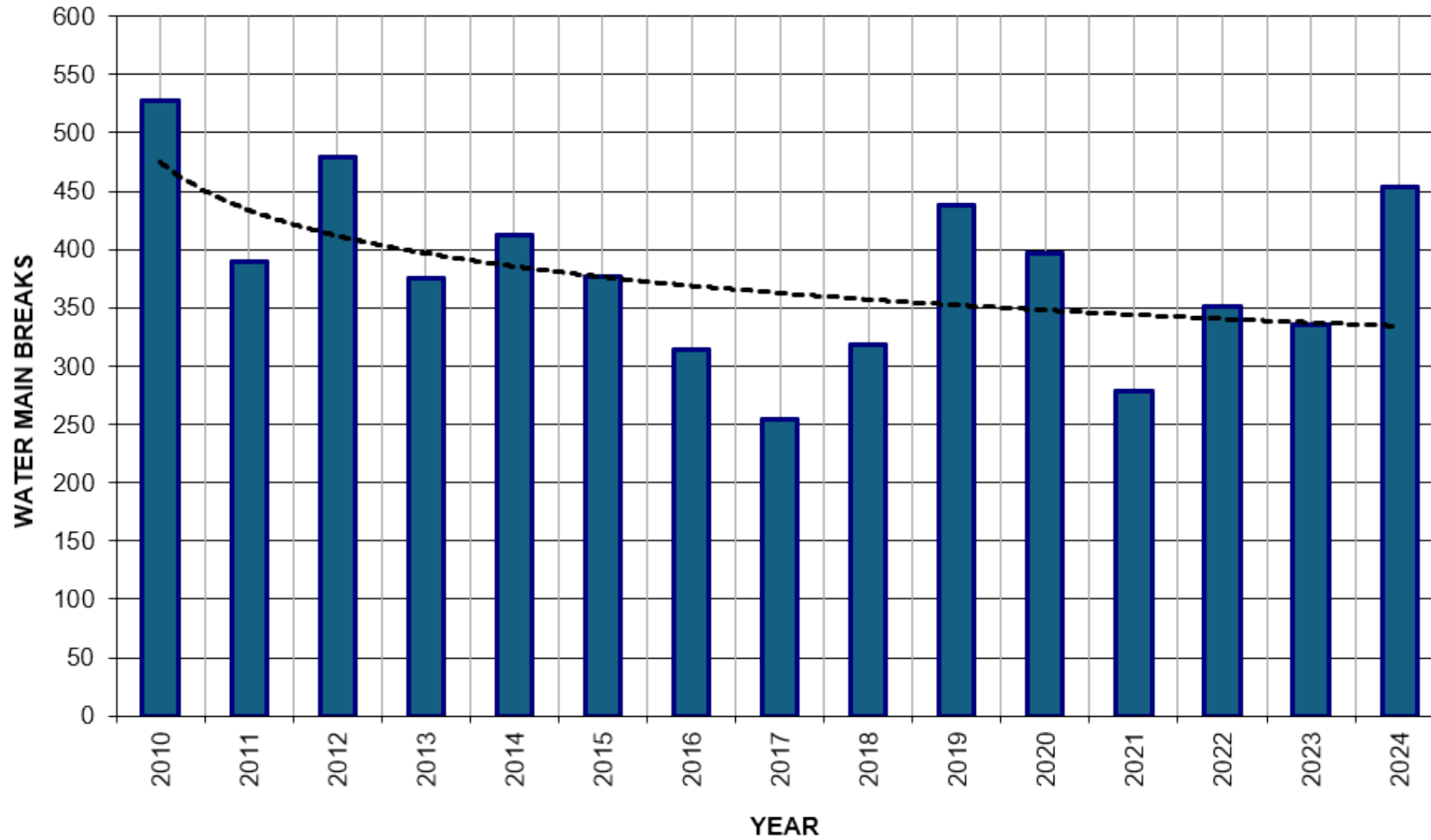
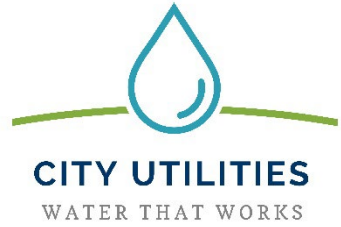
Delivering on Our Commitments



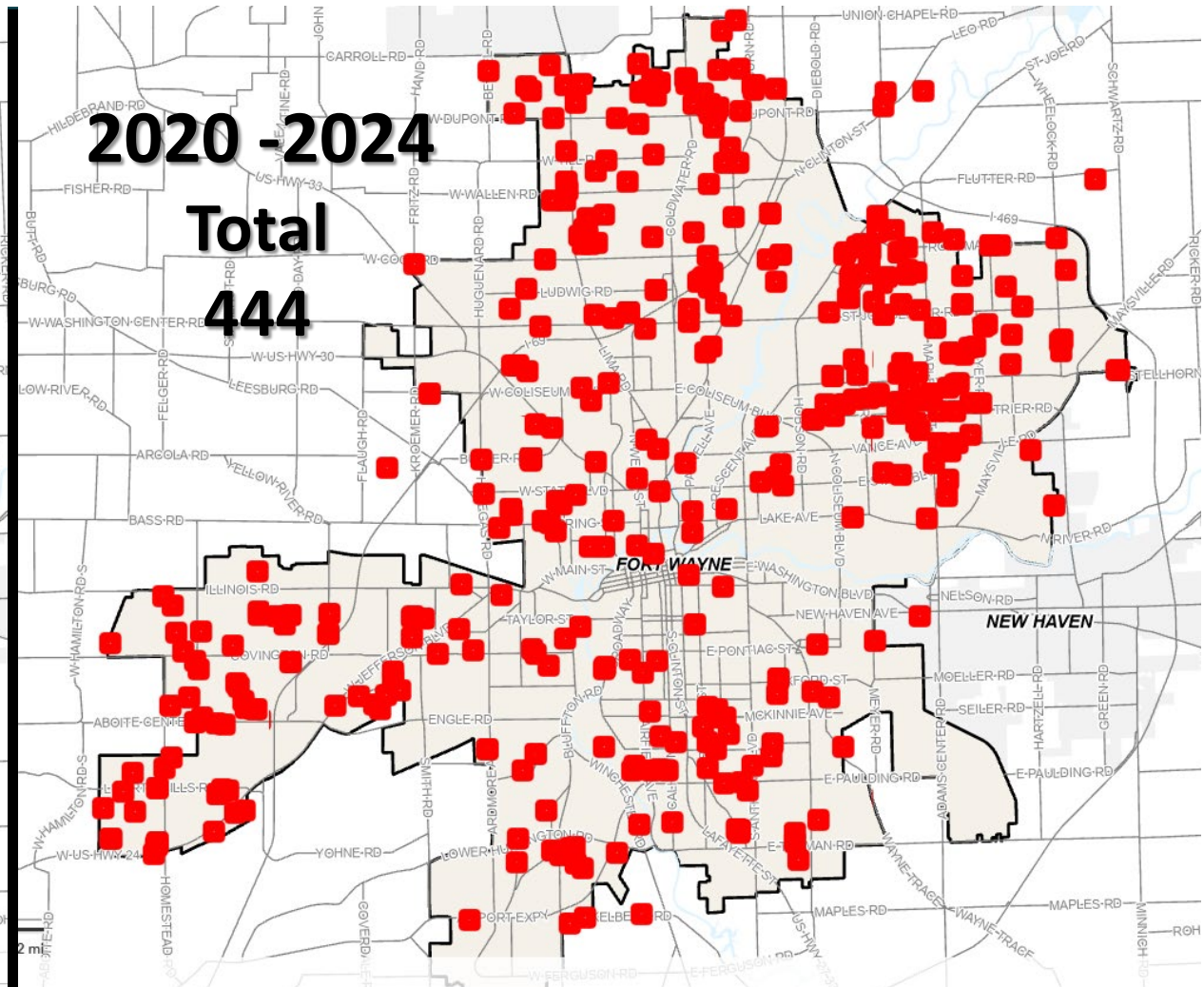
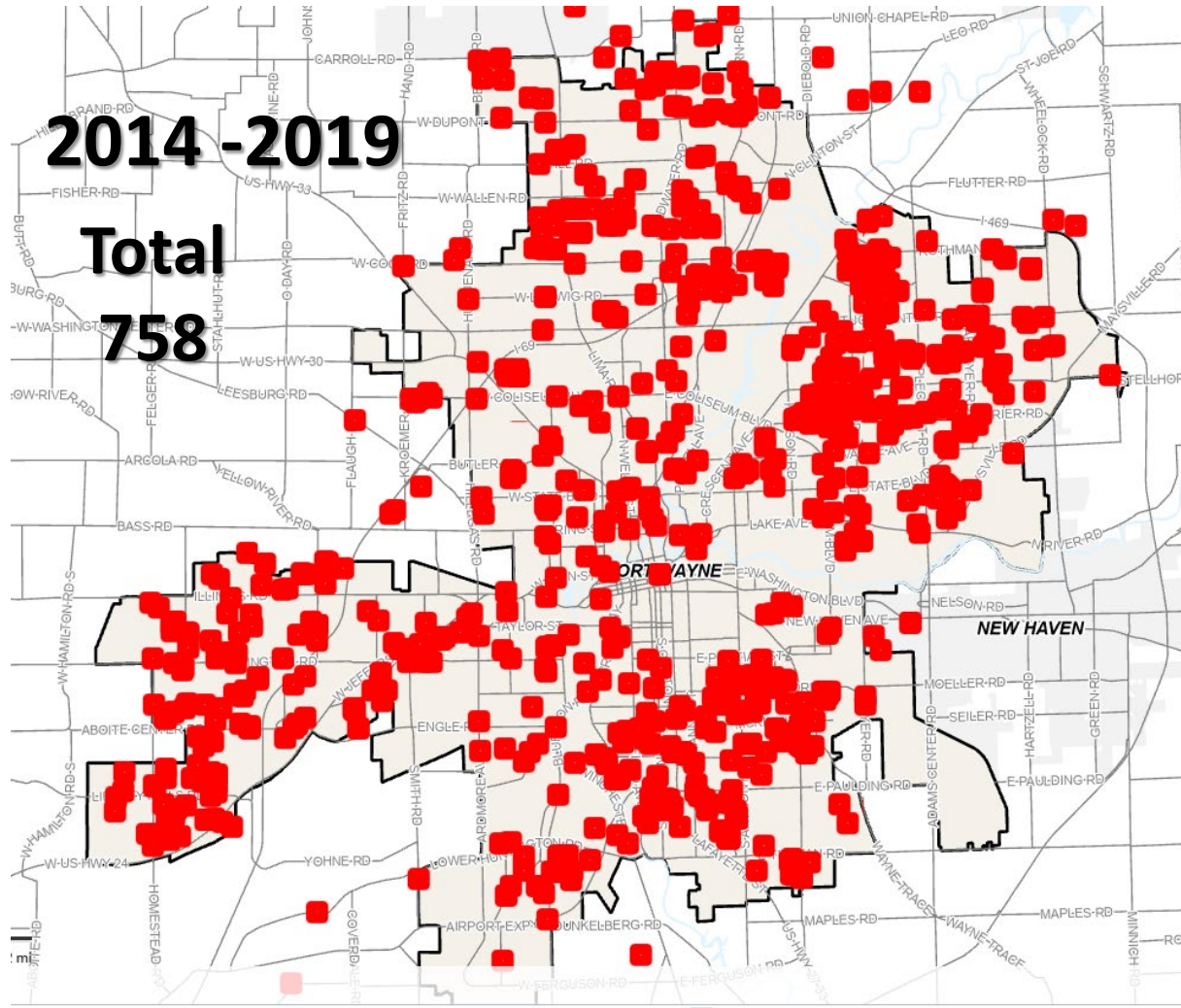
- More than 1 billion gallons of combined sewage kept from rivers annually
- Work in more than 200 neighborhoods
- Reduced basement backups



Investments Deliver Results



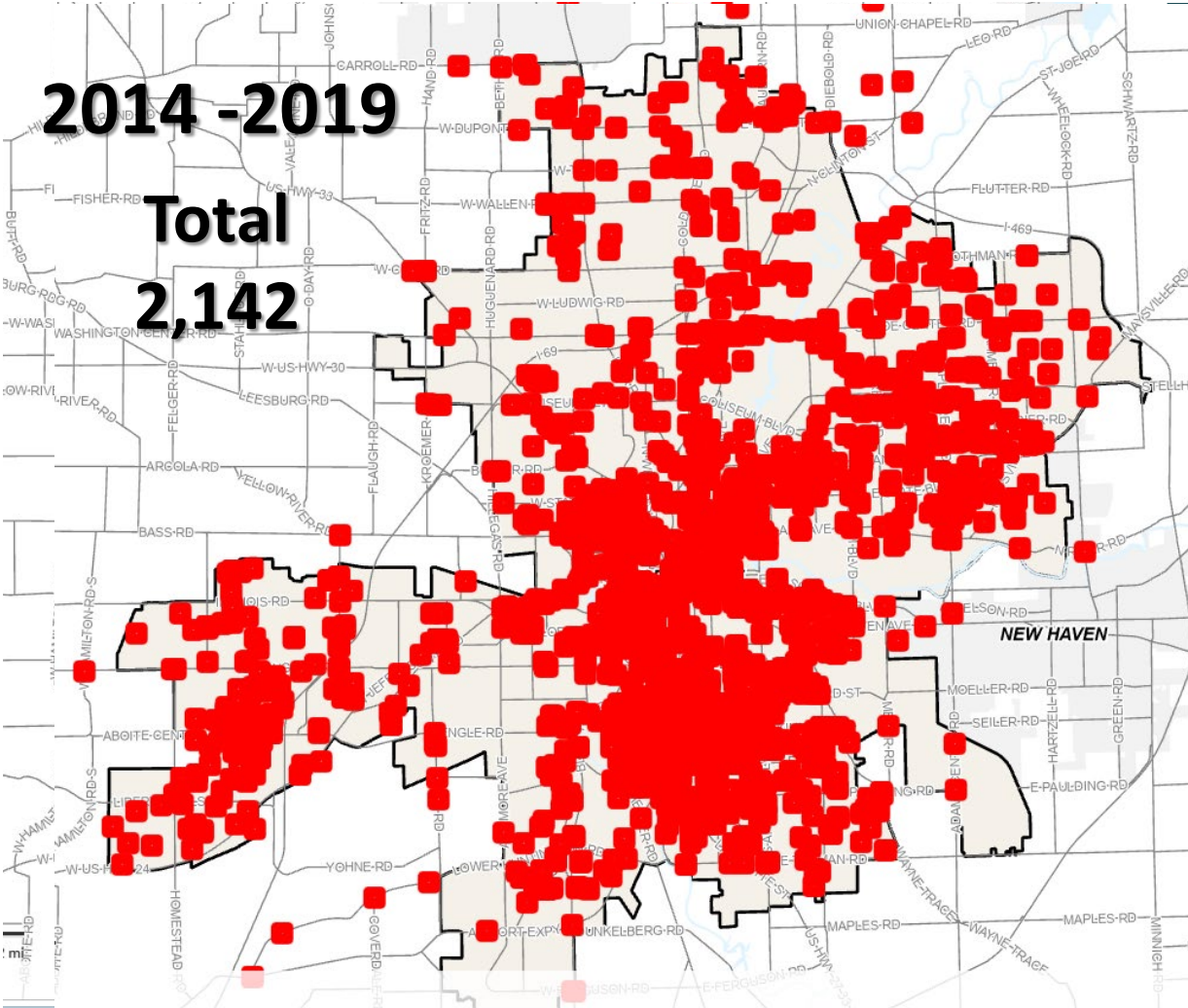
Investments Delivered - Yard Flooding



Investments Delivered – Street Flooding

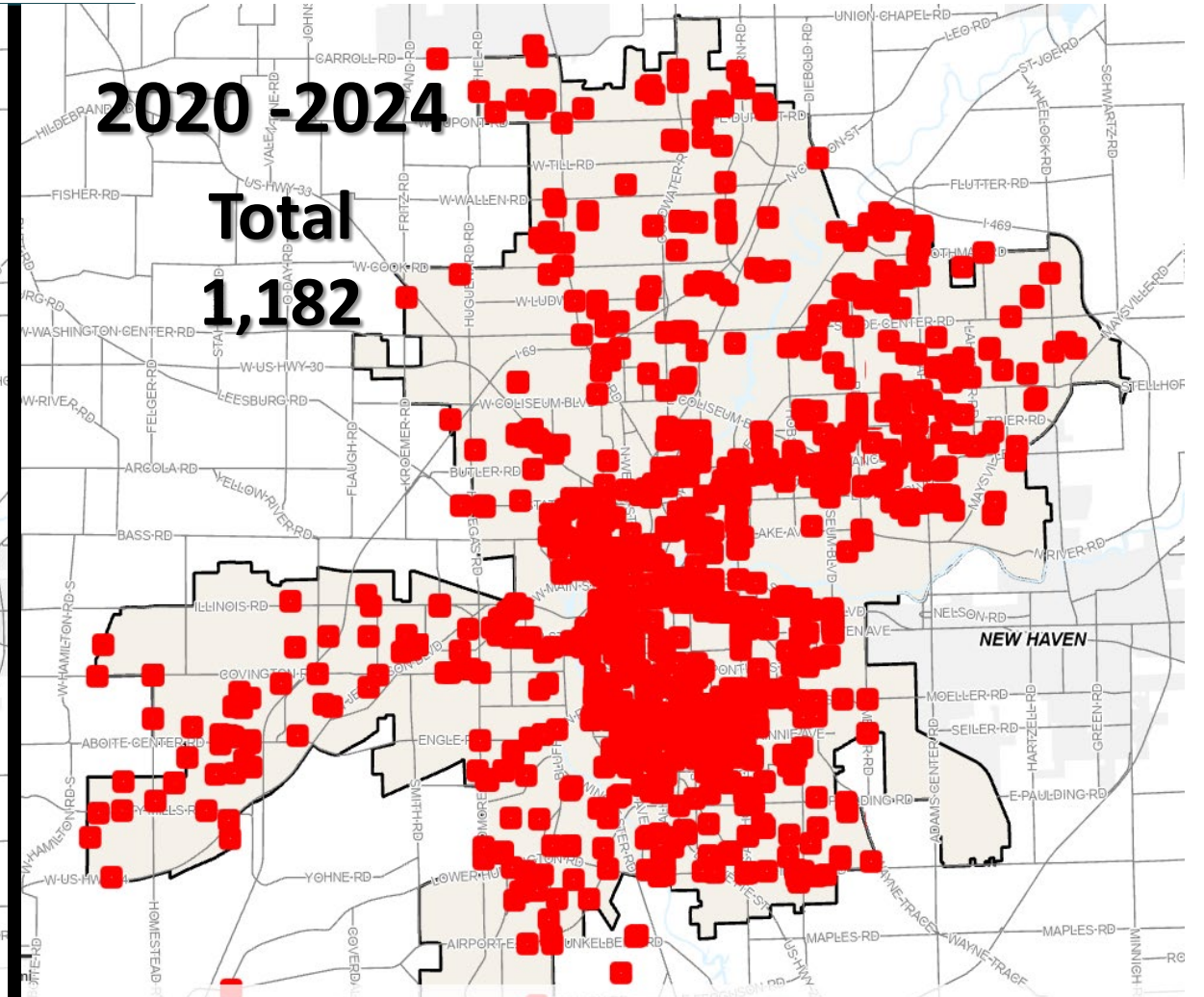
2014 -2019

**Total
2,142**



2020 -2024

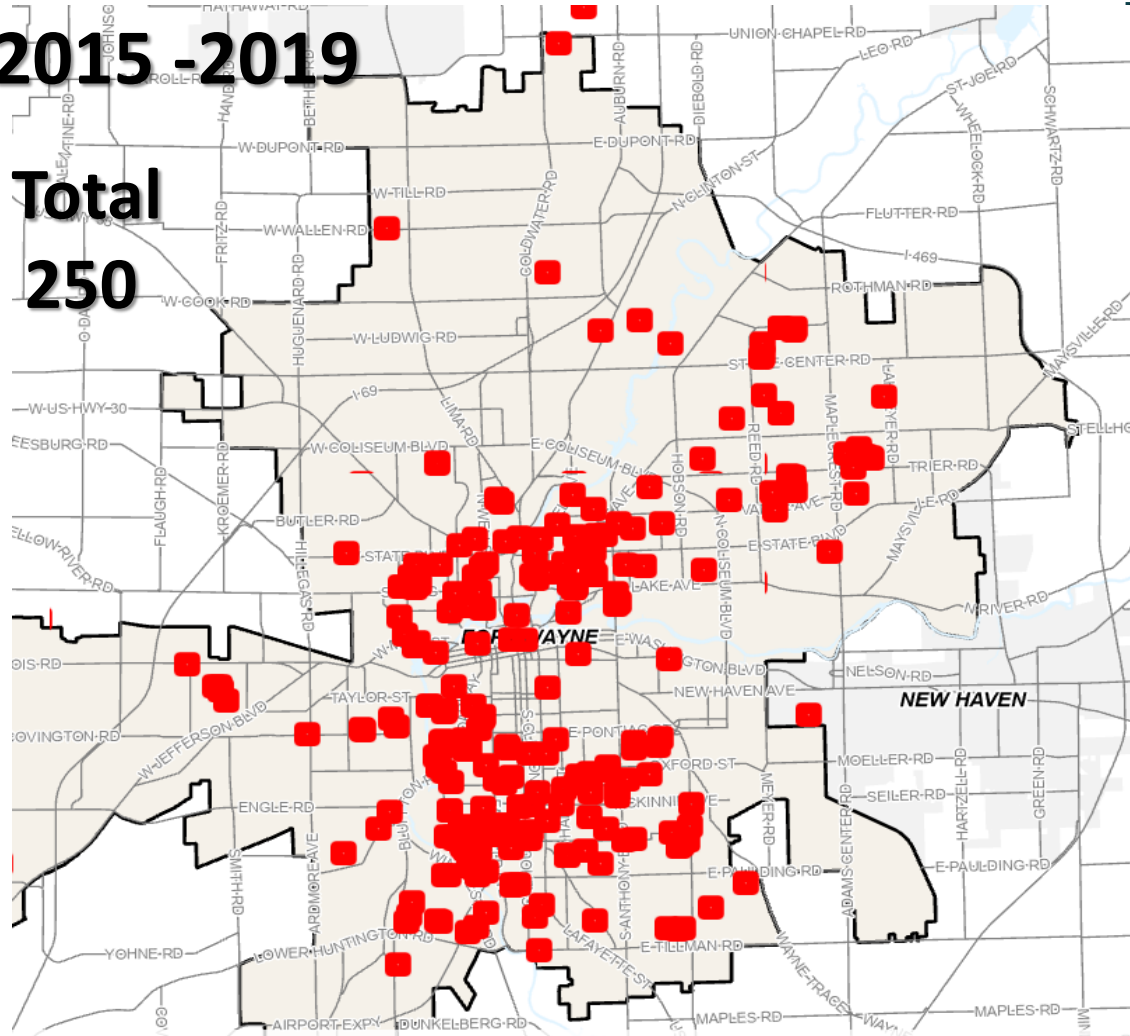
**Total
1,182**



Investments Delivered – Basement Backups

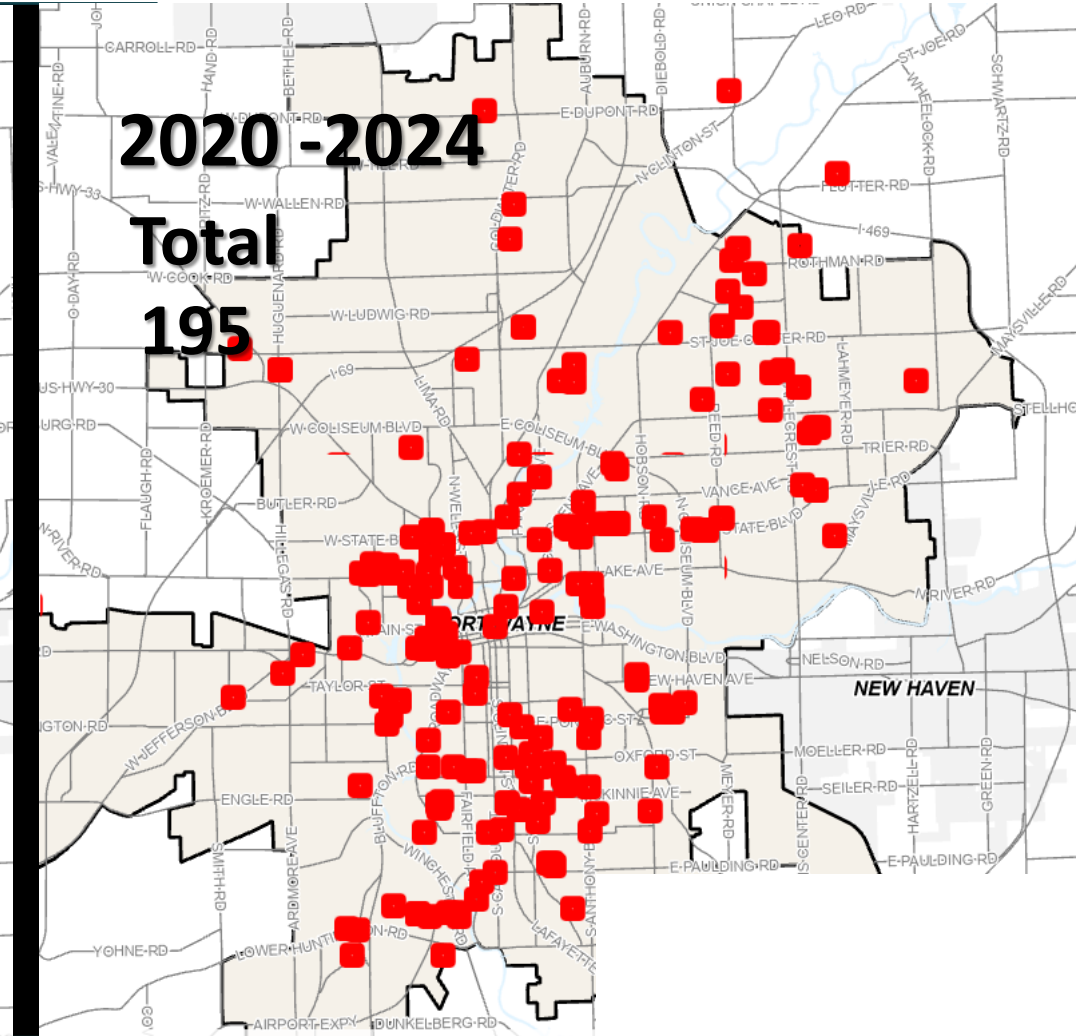
2015 -2019

**Total
250**



2020 -2024

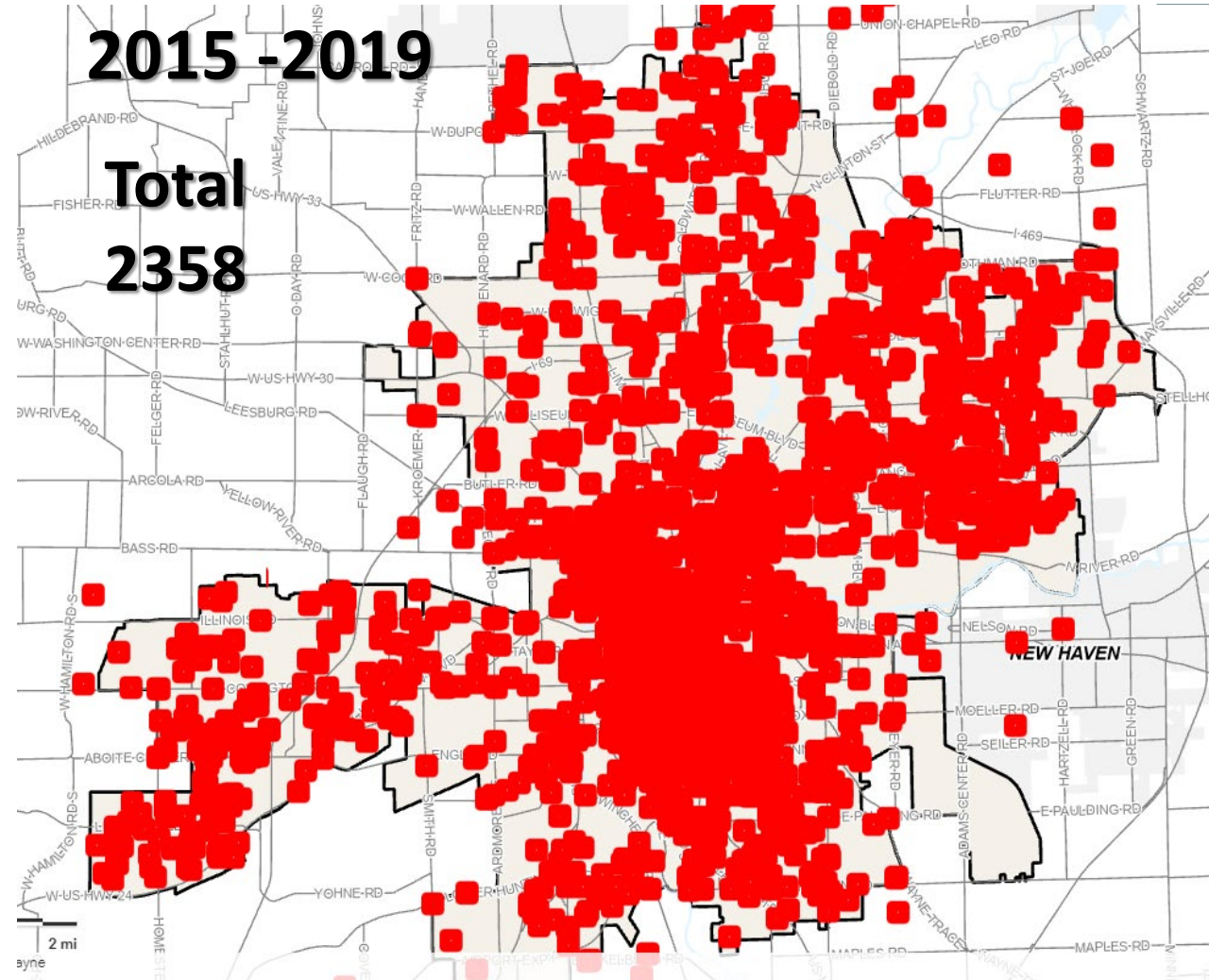
**Total
195**



Investments Delivered – Sewer Collapses

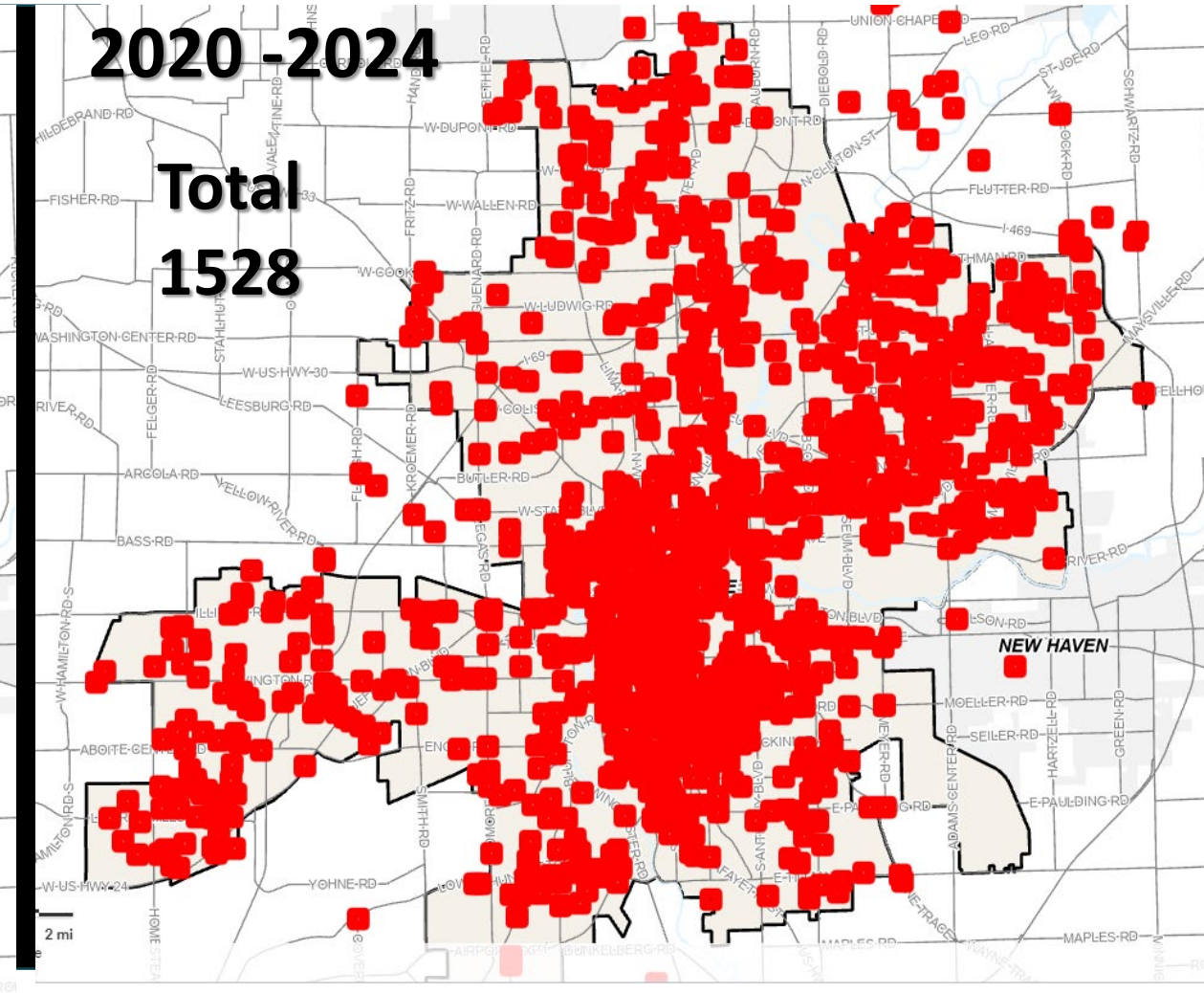
2015 -2019

**Total
2358**



2020 -2024

**Total
1528**



Strategic Savings: Internal Optimization



Navigating Long-Term Water Utility Inflation

Even where abundantly available, the costs of clean water are rising faster than the CPI. Where it's scarce, there's double trouble. Ultimately, securing enough clean and affordable water will require state laws mandating realistic long-term pricing.

The New York Times

Lesson Plan: The Mississippi Water Crisis and What It Means for the Rest of the Nation

Cities Are Racing to Replace Aging Sewer Systems

By Contributing Author

By Emily Newton



A business journal from the Wharton
School of the University of Pennsylvania

KNOWLEDGE AT WHARTON

America's Neglected Water Systems Face a Reckoning

June 10, 2015 • 10 min read

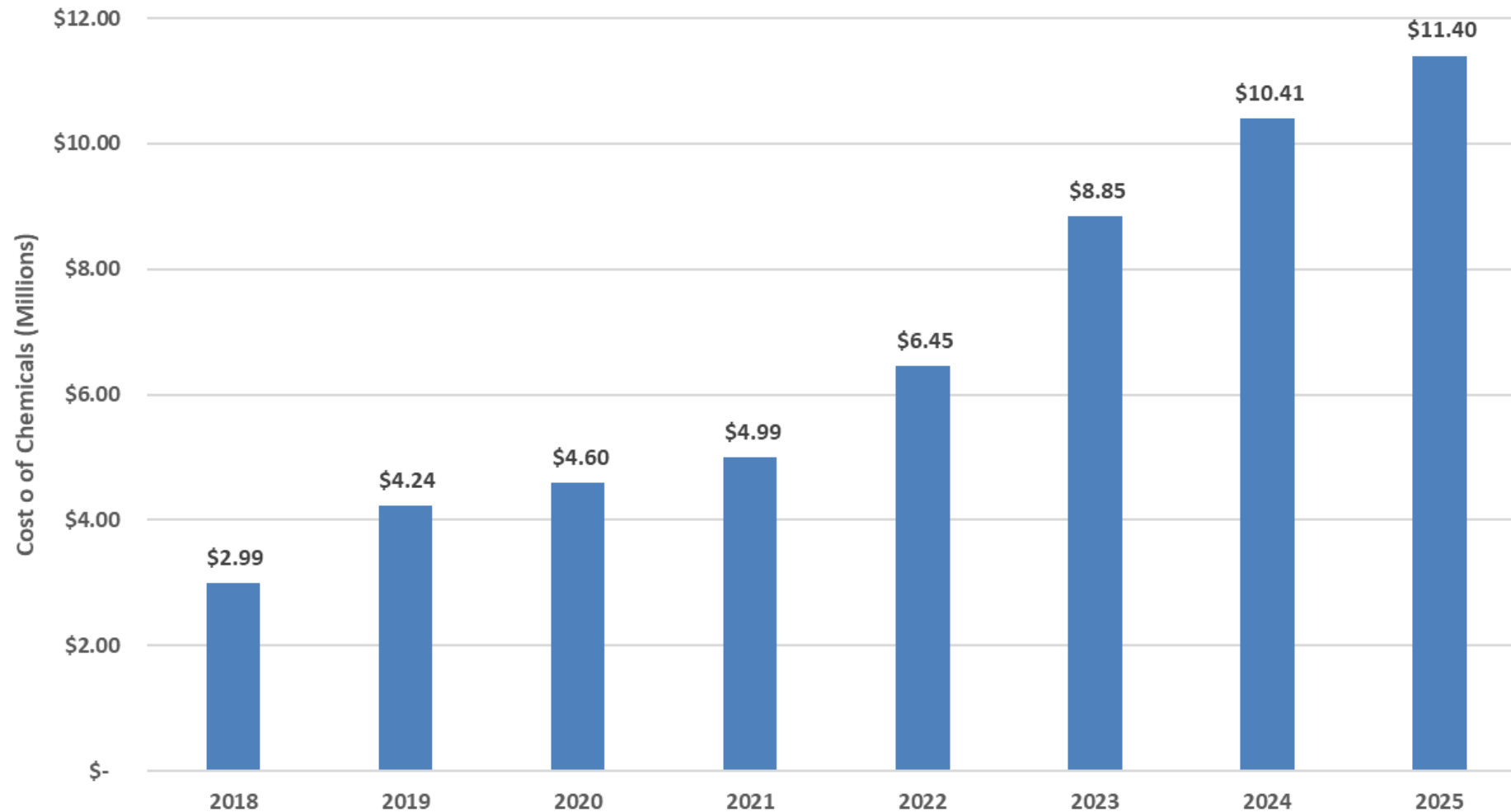
Public water systems in the U.S. are falling apart and it will take \$1 trillion in infrastructure spending to keep clean water flowing.



The New Cost Reality

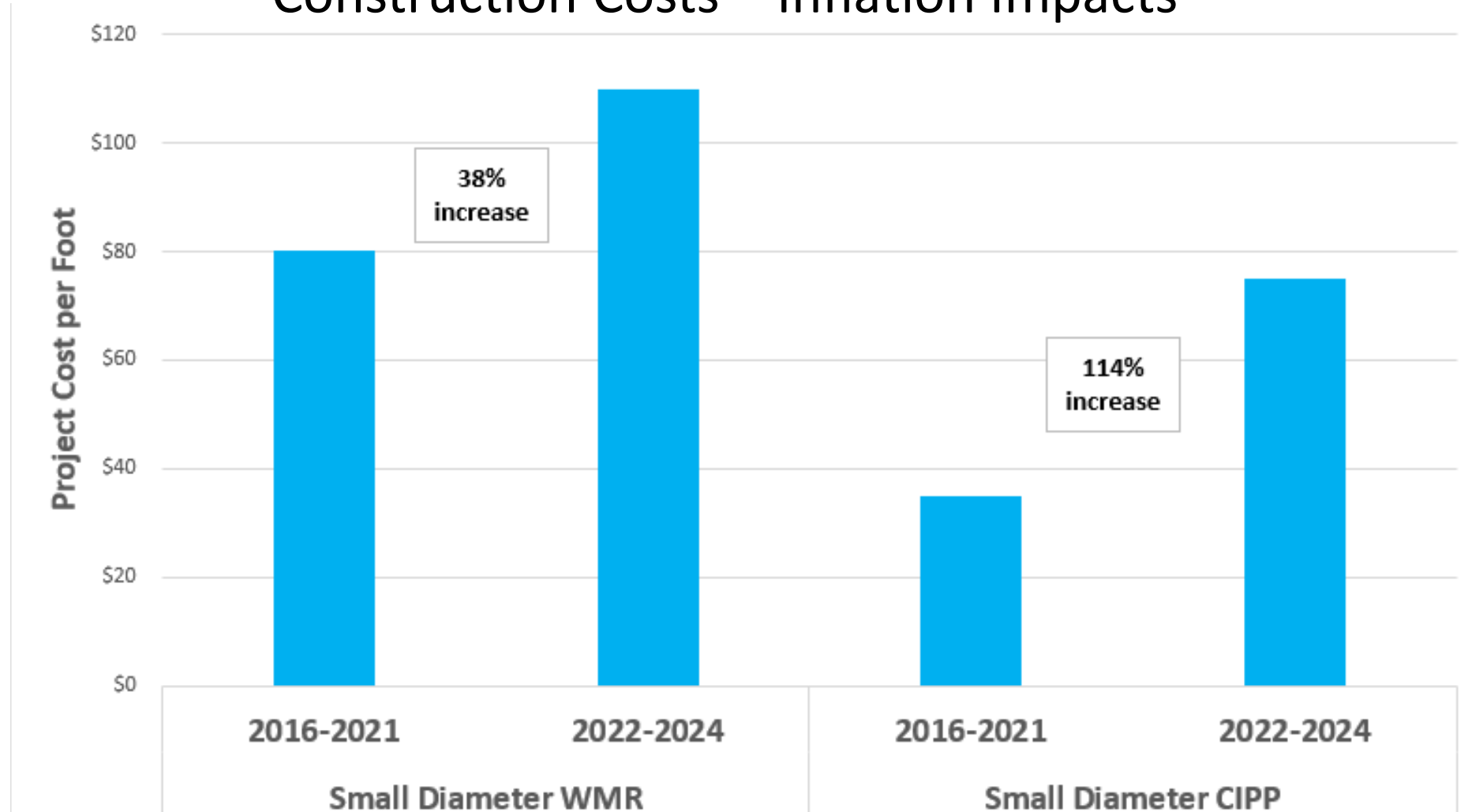


Combined Water & Sewer Plant Chemical Cost



The New Cost Reality

Construction Costs – Inflation Impacts



Strategic Savings: Maximizing Resources



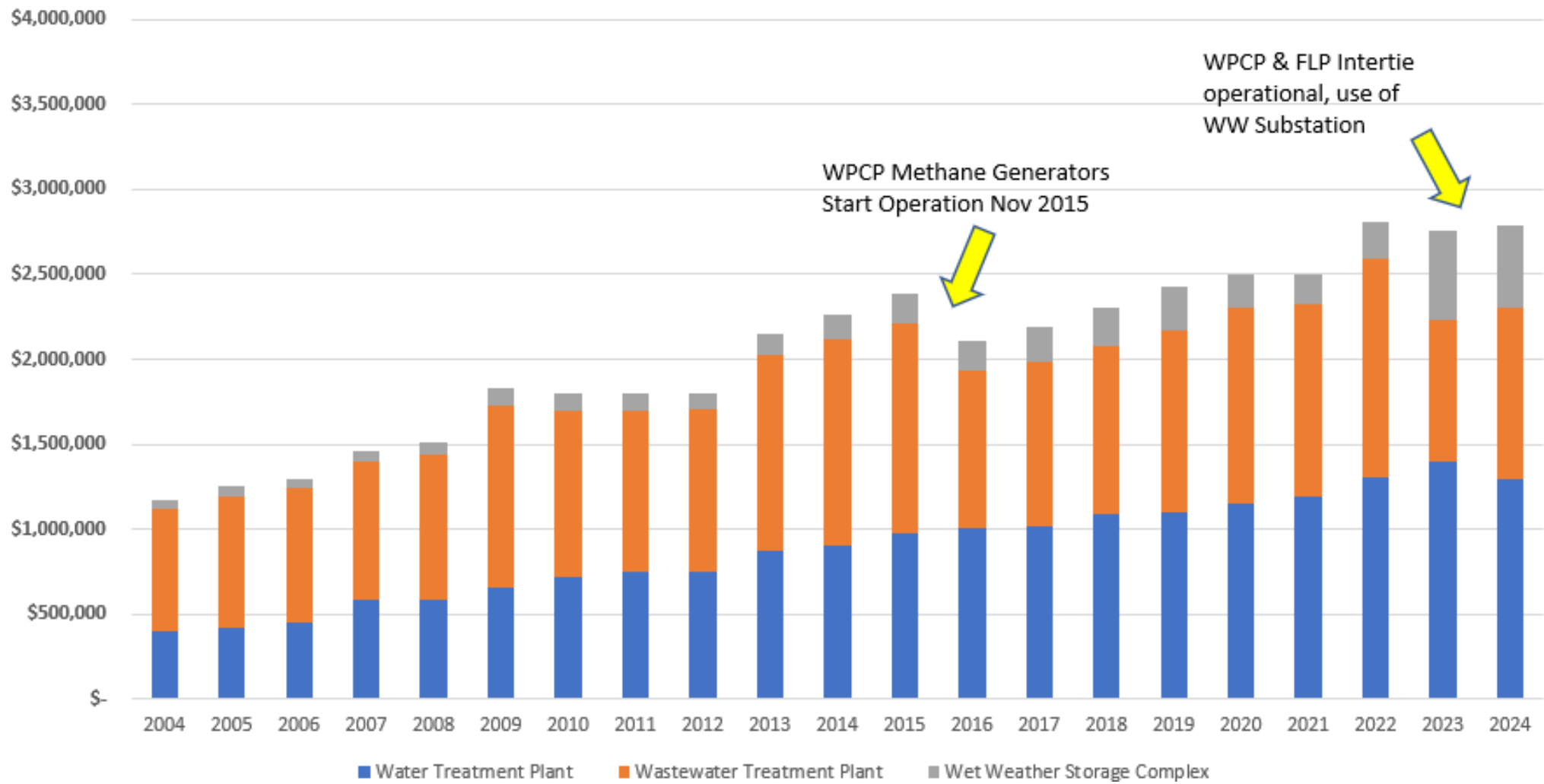
Biogas

- Reducing Power Costs by \$400K per year
- Truckloads of Waste Tipping Revenue
 - \$1.4M per year



Strategic Savings: Maximizing Resources

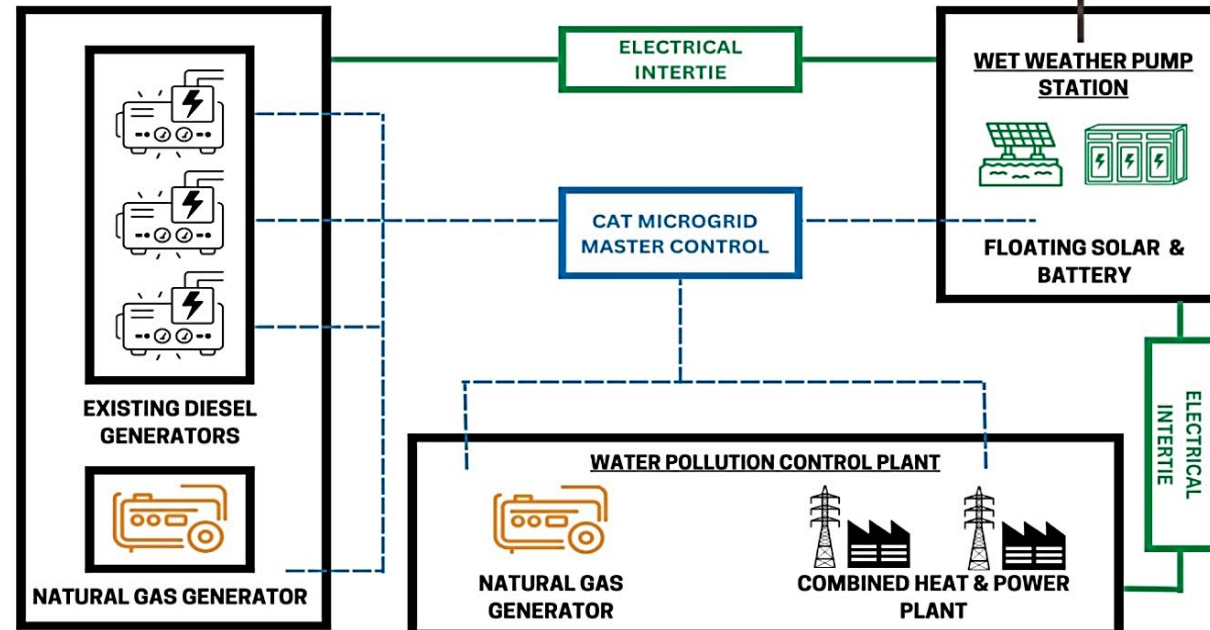
Annual Total Cost of Power - FLP, WPCP, WWPS



Microgrid



THREE RIVERS FILTRATION PLANT



Cumulative Savings

- Year 1 - \$100K
- Year 10 - \$8-10M
- Year 40 - \$60-70M

Strategic Savings: Internal Optimization



- \$4.5M - Tunnel stone used on projects
- \$1M / year – purchase of materials to supply contractors
- \$1.5-\$2M/year – use of internal engineering team
- \$500k - \$1M/year – construction savings using internal construction teams
- \$400k/year – reduction in electric bill through biogas generation



Total \$19 Million in 5 years



Strategic Savings: External Funds



- \$11M from SRF- Lead Service Replacement
- \$1M from EPA EJG2G – Lead Service Replacement
- \$260k from SRF – Lead Service Inventory
- \$5.7M from AC ARPA – water and sewer extension projects
- \$500k from SRF – Buchanan Street storm sewer
- \$175k from GLSNRP – stormwater
- \$900k from USFW NFPP – stormwater
- \$750k from IFA – Lafayette Street stormwater
- \$300k from DNR and GLS for Colonial Heritage stormwater
- \$240k from DOE – energy projects
- \$3M from SRF – Wastewater Treatment Study



TOTAL - \$23,925,000

Financial Strength and Stability



Upgrade Confirms Financial Strength and Role in Economic Development

Fort Wayne, Indiana — Yesterday, City Utilities received a stamp of approval from the financial management firm Moody's Ratings. The global company, providing credit ratings and risk analysis for corporations and governments, assigned a stable outlook to all three parts of City Utilities: Water, Sewer and Stormwater.

"This significant achievement reflects City Utilities' role in economic and community development. By strategically deploying our regional services, we are meeting the demands of Fort Wayne and Northeast Indiana's tremendous growth. Of equal importance, the Moody's rating upgrade demonstrates the Utilities' strong financial management and commitment to completing vital infrastructure projects for the community," said Kumar Menon Director of City Utilities. "Whether it's a major employer with a new build or expansion, a housing project, a school or a hospital, we're there from planning to completion, providing the services needed for the community to grow. The findings by Moody's highlight our financial dedication to infrastructure development and the bright future we're helping to create."

The analysis pointed to a stable outlook based on a growing Fort Wayne economy and a strengthening financial position.

Moody's announcement includes:

- Upgrading City Utilities sewer bonds from A1 to AA3
- Upgrading City Utilities water bonds from Aa3 to Aa2
- Affirming City Utilities stormwater bonds at Aa2

"The upgrades are a testament to the team's focus on operational excellence and community service," said Justin Brugger, City Utilities Chief Financial Officer. "They are a direct result of our disciplined approach to managing finances and ensuring that we deliver critical projects on time and within budget. These projects not only enhance our water and sewer systems but also contribute to our community's overall health and well-being."

Improved bond ratings allow the Utility to secure lower interest rates and leverage our resources more effectively. The ratings' upgrades translate into expanded funding for more neighborhood projects, such as replacing aging water pipes and improving stormwater drainage.

###

MOODY'S RATINGS

Moody's announcement includes:

- Upgrading City Utilities sewer bonds from A1 to AA3
- Upgrading City Utilities water bonds from Aa3 to Aa2
- Affirming City Utilities stormwater bonds at Aa2

Moving Forward with Purpose - Water



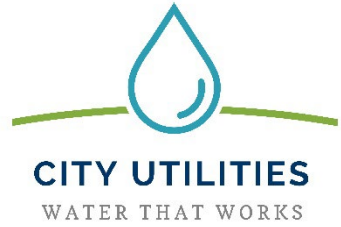
Replacing Pipes with 1,626 Breaks

Water Main Replacement 2025-2030	Breaks
Sections of East Wayne Street	100
Electric Addition, Brackenridge Addition	99
Eastland Gardens	97
Victoria Park Area WMR	96
Maple Grove	93
Hamilton Park	79
Normandale Dr & Sherman Blvd	79
Maplewood Park	75
South Suburban Civic	72
Royal Oaks, Green Tree, Woodway Park	71
Memorial Park	68
Lima Fernhill to Ley	67
East Central	66
Anthony and Pettit WMR	65



Water Main Replacement 2025-2030	Breaks
Five Points and Bloomingdale Additions	63
FW Airport - Piper Drive Area	59
Drexel Park	56
Lillie Place, Lincoln Park, Neuhaus Acre	50
Westwood Fairway Area	47
Hillsboro	41
Brookside Park	37
Stellhorn Hobson Rd to Maplecrest Rd	31
Springwood Addition	26
Campus Court Addition	22
Wilkie, Getz to Jefferson	19
Parkview Addition	15
Trier Rd: Lahmeyer to Goeglein	12
West Central	12
State and Lakeview	9

Moving Forward with Purpose - Sewer



Sewer Improvements 2025-2030

- Capacity Upgrades
- Neighborhood Sewer Separation Projects
- Collection System & Plant Maintenance
- 60 miles of lining



Moving Forward with Purpose - Stormwater



Stormwater Improvements 2025-2030

- Nearly 50 Large Neighborhood Projects



Stormwater Improvement Plans 2025-2030

W. California Road



Stormwater Improvement Plans 2025-2030

Ardmore/Airport Expressway



Stormwater Improvement Plans 2025-2030

Oakwood Neighborhood



Stormwater Improvement Plans 2025-2030

Blackhawk Neighborhood



Stormwater Improvement Plans 2025-2030

Stony Run Creek



Stormwater Improvement Plans 2025-2030

Wayne Trace/Pontiac



Stormwater Improvement Plans 2025-2030

Bohde Grove Neighborhood



Stormwater Improvement Plans 2025-2030

Centerhurst



Stormwater Improvement Plans 2025-2030

Avionics Drive



Stormwater Improvement Plans 2025-2030

Washington Road



Stormwater Improvement Plans 2025-2030

Coldwater Road Area



Stormwater Improvement Plans 2025-2030

Daveway Drive



Stormwater Improvement Plans 2025-2030

Stellhorn Road



Stormwater Improvement Plans 2025-2030

Village Drive



Stormwater Improvement Plans 2025-2030

Directors Row



Stormwater Improvement Plans 2025-2030

Elmcrest Addition



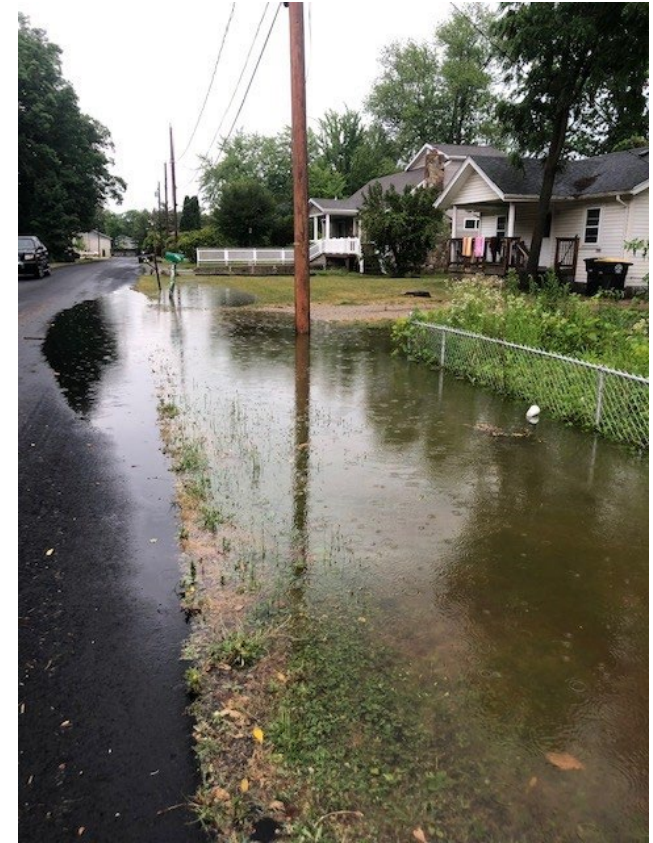
Stormwater Improvement Plans 2025-2030

Telker Road



Stormwater Improvement Plans 2025-2030

Braun Drain Area



Stormwater Improvement Plans 2025-2030

Executive Boulevard



Stormwater Improvement Plans 2025-2030

Baldwin Drain Area



Stormwater Improvement Plans 2025-2030

Fairfield Ditch



Stormwater Improvement Plans 2025-2030

Goldspur Drive



Stormwater Improvement Plans 2025-2030

Gongwer Drive



Stormwater Improvement Plans 2025-2030

Hazelett Drive Drainage



Stormwater Improvement Plans 2025-2030

Baer Road



Stormwater Improvement Plans 2025-2030

Kramer Ditch



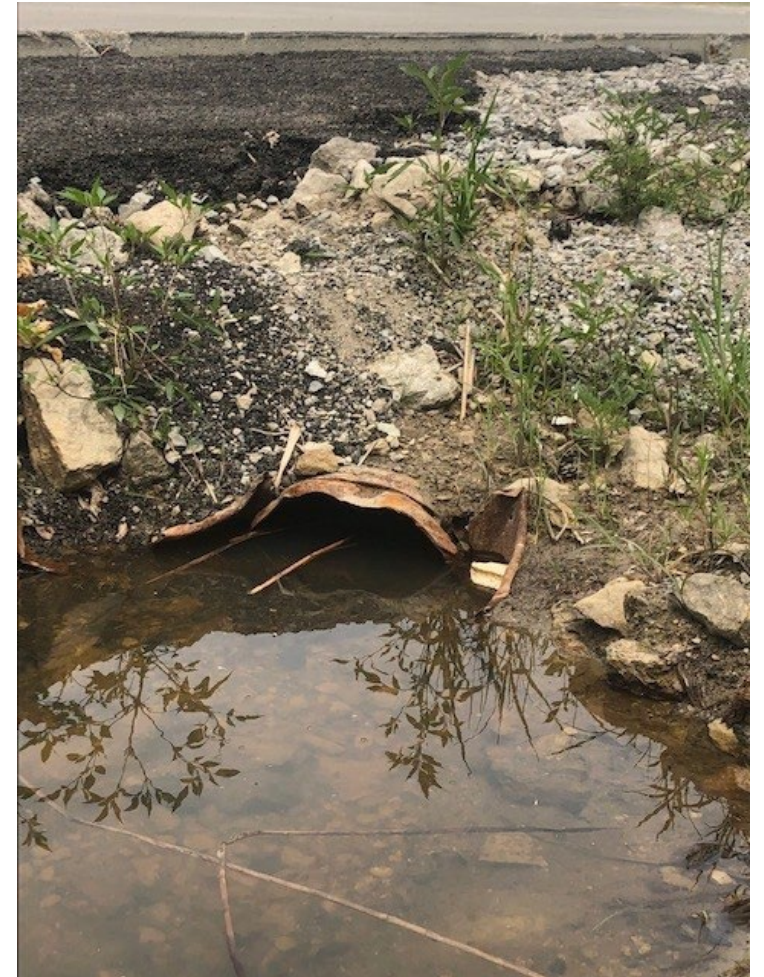
Stormwater Improvement Plans 2025-2030

Smith Road



Stormwater Improvement Plans 2025-2030

Airport Drive



Stormwater Improvement Plans 2025-2030

Cadillac Drive



Stormwater Improvement Plans 2025-2030

Lawrence Drain Drainage



Stormwater Improvement Plans 2025-2030

Pierson Drain



Stormwater Improvement Plans 2025-2030

Huffman Avenue Storm Extension



Stormwater Improvement Plans 2025-2030

Rolling Rose



Stormwater Improvement Plans 2025-2030

Industrial Road



Stormwater Improvement Plans 2025-2030

Spartan Drive



Stormwater Improvement Plans 2025-2030

Dalman/Warsaw Drainage



Stormwater Improvement Plans 2025-2030

Sunny Meadows



Stormwater Improvement Plans 2025-2030

Brookside/Parkerdale Neighborhood



Stormwater Improvement Plans 2025-2030

Tamarack Neighborhood



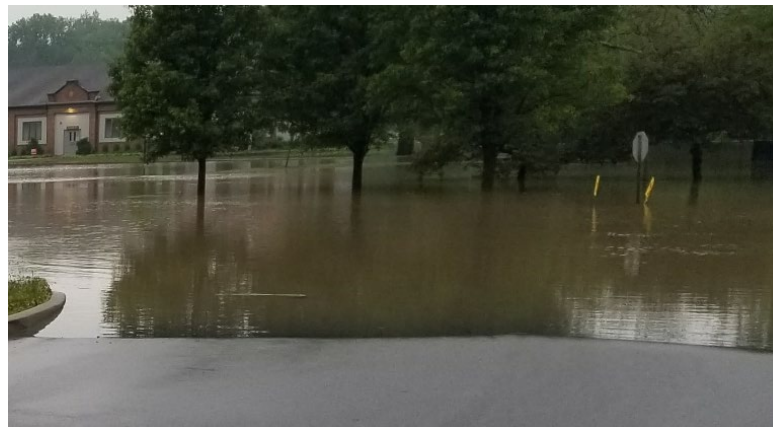
Stormwater Improvement Plans 2025-2030

Branning/Fairfield



Stormwater Improvement Plans 2025-2030

Franke Park Area



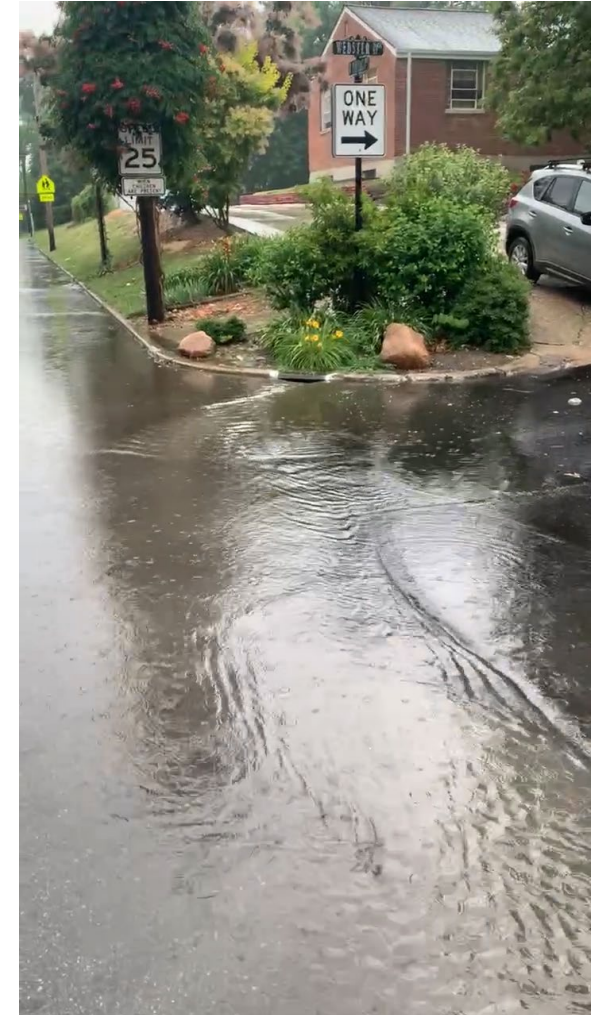
Stormwater Improvement Plans 2025-2030

Upper Bullerman Drain



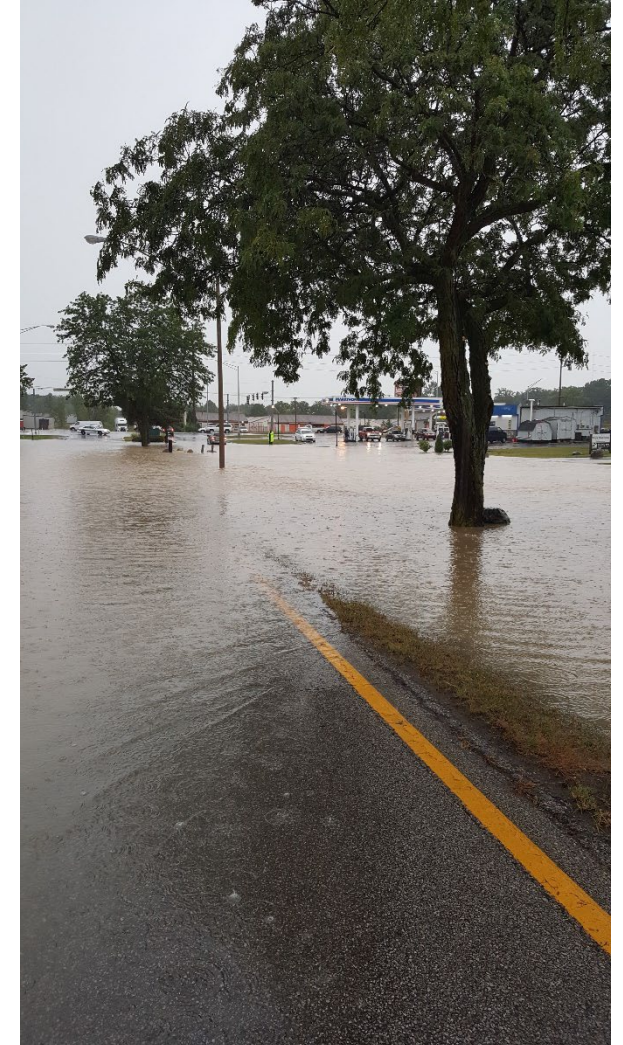
Stormwater Improvement Plans 2025-2030

West Pontiac Street



Stormwater Improvement Plans 2025-2030

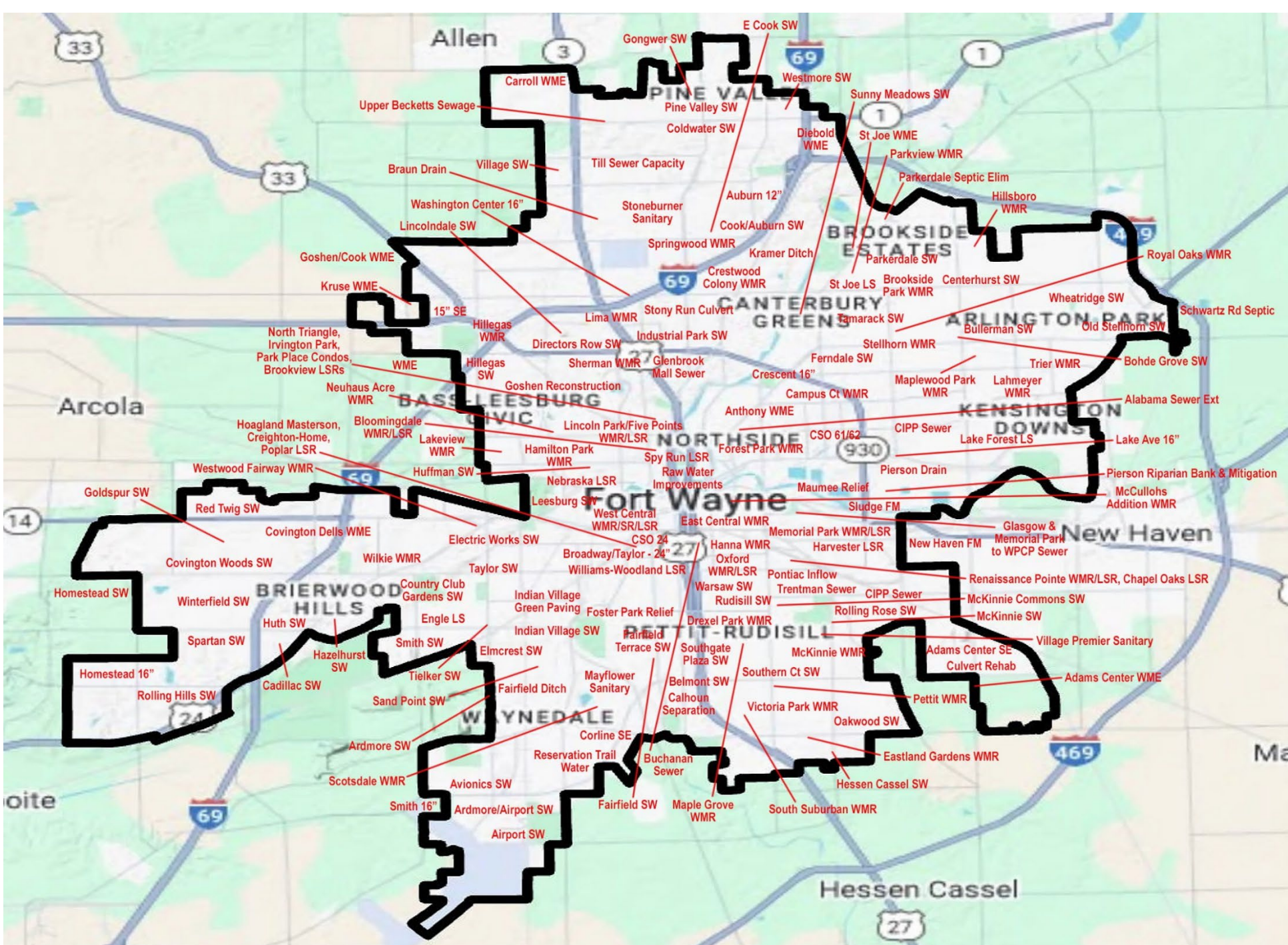
Lincolndale



Stormwater Improvement Plans 2025-2030

Westwood/Fairway





5-Year Plan Neighborhood Improvements

Investing in Our Future

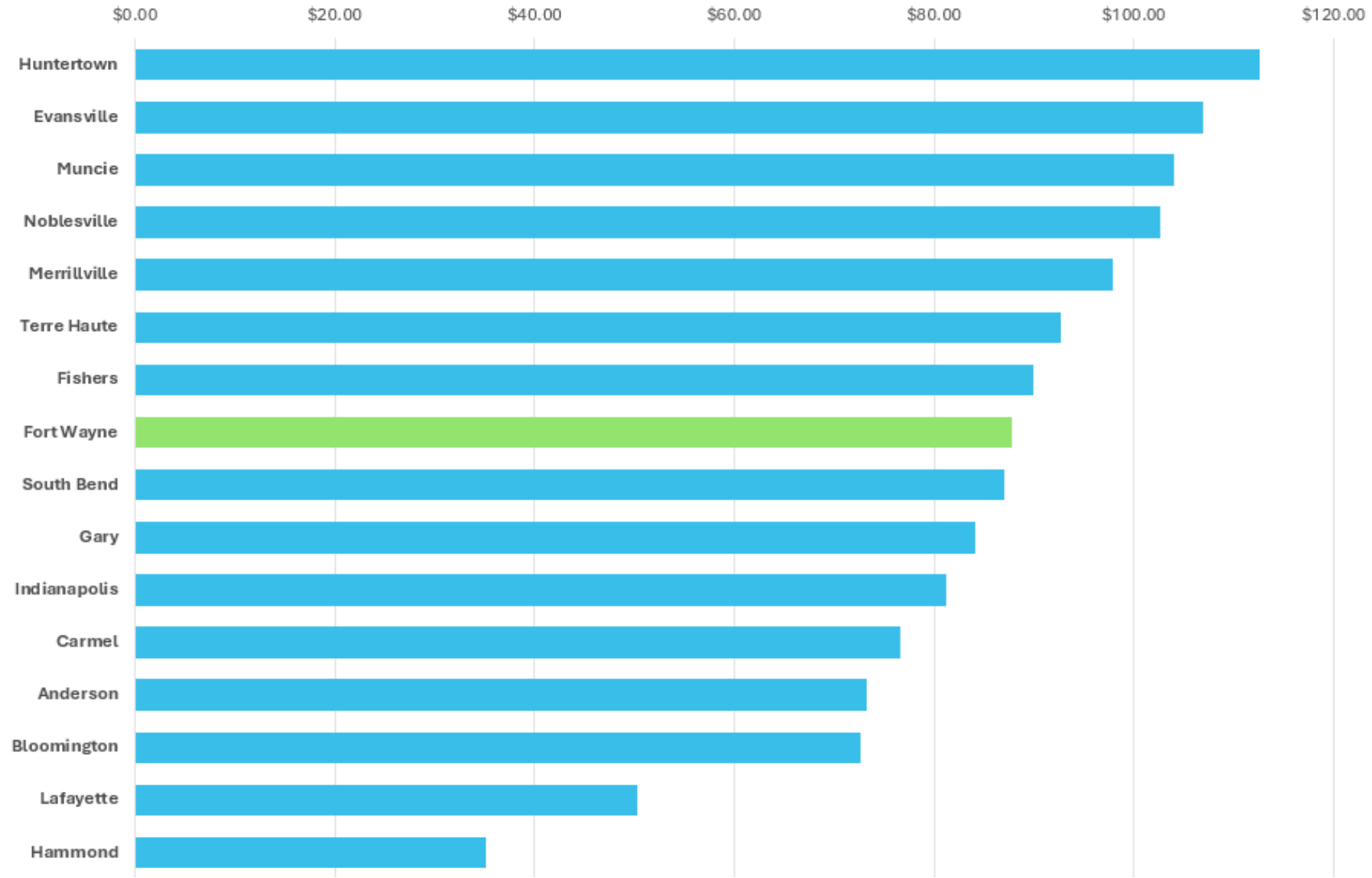


Average Customer using 3,600 Gallons Per Month

	<u>Current</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Five- Year Average</u>
Water	28.21	28.21	30.05	31.27	33.09	33.09	3.5%
Sewer	53.69	54.77	55.73	56.86	57.89	59.32	2.1%
Storm	5.90	6.14	6.38	6.64	6.90	7.18	4.3%
TOTAL	\$87.80	\$89.11	\$92.16	\$94.77	\$97.88	\$99.58	2.7%
Monthly Bill Increase		\$ 1.32	\$ 3.05	\$ 2.61	\$ 3.11	\$ 1.70	

City Utilities is funded through user fees, not taxes

Community Comparisons Monthly Bills



Investing in Our Future



Customer using 1,500 Gallons Per Month

	<u>Current</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>Five-Year Average</u>
Water	20.65	20.65	19.97	20.94	22.08	22.08	1.4%
Sewer	35.03	35.05	35.45	35.30	35.69	37.26	1.3%
Storm	5.90	6.14	6.38	6.64	6.90	7.18	4.3%
TOTAL	\$61.59	\$61.84	\$61.80	\$62.88	\$64.67	\$66.52	1.6%
Monthly Bill Increase		\$ 0.25	\$ (0.05)	\$ 1.08	\$ 1.79	\$ 1.85	

City Utilities is funded through user fees, not taxes

Investing in Our Community and Ourselves

