September 11, 2023

ADDENDUM No. 1

TO: All Potential Submitters

PROJECT: **City of Joliet, Request for Qualifications Water Distribution System Rehabilitation Program – Construction Services**

QUALIFICATIONS DUE: Friday, October 6, 2023, 10:00 A.M.

The following is a list of changes to the above-referenced project. Please indicate your acknowledgment of Addendum No. 1 by executing the attached acknowledgement form and submitting it with your submittal. Submitter shall also state on the envelope of the Submittal that he or she is in receipt of Addendum #1.

ADDENDUM No. 1 CONSISTS OF (41) PAGES IN TOTAL: addendum with acknowledgement page (3 pages), slide deck (35 pages), Project Location Exhibit (1 Page), Pre-Submittal meeting sign in sheet (2 pages).

RESOURCES

1. See attached slide deck from the 9-7-23 pre-submittal meeting presentation.
2. See attached 2024 project location Exhibit.

CLARIFICATIONS:

1. See attached clarifications:

    a. Pre-bid Questions/Answers and other questions/answers to date.

CLARIFICATIONS, QUESTIONS FROM POTENTIAL SUBMITTERS AND ANSWERS

Questions and Responses:

Q1. For DBE requirements - is it required or do we need to show we advertised (and maybe didn't select a DBE) per the Loan agreements? If so, do we need to advertise in the paper, City website etc.?

A1. Page 15 Section 4 of the RFQ goes into the details of DBE advertising requirements. Note that page 16 of the RFQ has an advertisement template. Page 15, paragraph IV.ii has more detail on advertising options.

Q2. If we can put together a team that meets the stated M/WBE participation percentages stated in the RFQ without advertising, are we still required to advertise for DBEs?

A2. Our interpretation is that you would not have to advertise for DBE/MBE participation if your in-house team will already be meeting the MBE/DBE goals. We recommend you confirm this with IEPA so that you have their interpretation in writing.

Q3. In regards to the DBE participation requirement, we normally don't advertise for subconsultants. We directly reach out to the DBE/MBE/WBE firms we would like to work with. Would an email to each firm outlining their requested participation and their response fulfill the requirement under Appendix 3.IV.ii & Appendix 3.IV.iii?

A3. As this DBE/MBE requirement is an IEPA SRF requirement, we would refer you to clarify this with IEPA SRF. If your company does not have sufficient staff to handle this workload in-house, and your plan would be to partner with another consultant, then it would be recommended to advertise for DBE/MBE.

Q4. On page 7 in the Project Schedule table, the deadline for Consultants to Provide City of Joliet Notice of Intention to Submit is scheduled for Tuesday, September 15, 2023 at 4:30 p.m. Tuesday is September 12. Can you clarify whether the deadline is Tuesday, 9/12 or Friday, 9/15?

A4. Either date (9/12) or (9/15) is acceptable.

CITY OF JOLIET

PROJECT: **City of Joliet, Request for Qualifications Water Distribution System Rehabilitation Program – Construction Services**

QUALIFICATIONS DUE: Friday, October 6, 2023, 10:00 A.M.

ADDENDUM NO. 1

Instructions: Please sign and date this receipt as acknowledgement of ADDENDUM NO.1 for the above-referenced project and submit it with your submittal.

Failure to acknowledge receipt of ADDENDUM NO. 1 may result in Consultant's SUBMITTAL being considered non-compliant.

Submitter shall also state on the OUTSIDE of the SOQ submittal envelope that he or she is in receipt of addendum #1 or your bid may not be opened.

Signature: _____

Name: _____

Company: _____

Position: _____

Date: _____

September 7, 2023

Location: Eastside Wastewater Treatment Plant

WATER MAIN REPLACEMENT PROGRAM
CONSTRUCTION SERVICES RFQ

List of Attendees:

Print Name & COMPANY
OWEN DEAN / COJ
Mike Hartwig - Chastain
Zach Pucel - TranSystems
David Lowry - Chastain
DENNIS DABROS - BAXTER + WOODMAN
Martha Ybarra - V3
JEFF FREEMAN
Matthew Taylor / EEI
KURT CORRIGAN / V3
Joe Darlington / Burns & McDonnell
Trevor McIntyre / Burns & McDonnell
ALEX WAITE, EDI
Howard Hamilton, EDI
Ann Grooms
Omer A Rehman / ESA
ALBERT SWEPPA
Mike DiGiannantonio
PAUL GREGOIRE
Trevor Cannon / CBBEL
Lien Dastgir / KAD ENG
Rafael Herrera / SE3, LLC
ROBERT MATEJA, JR / B&W
Yvonne Owusu-Safo / Trans Land

September 7, 2023

Location: Eastside Wastewater Treatment Plant

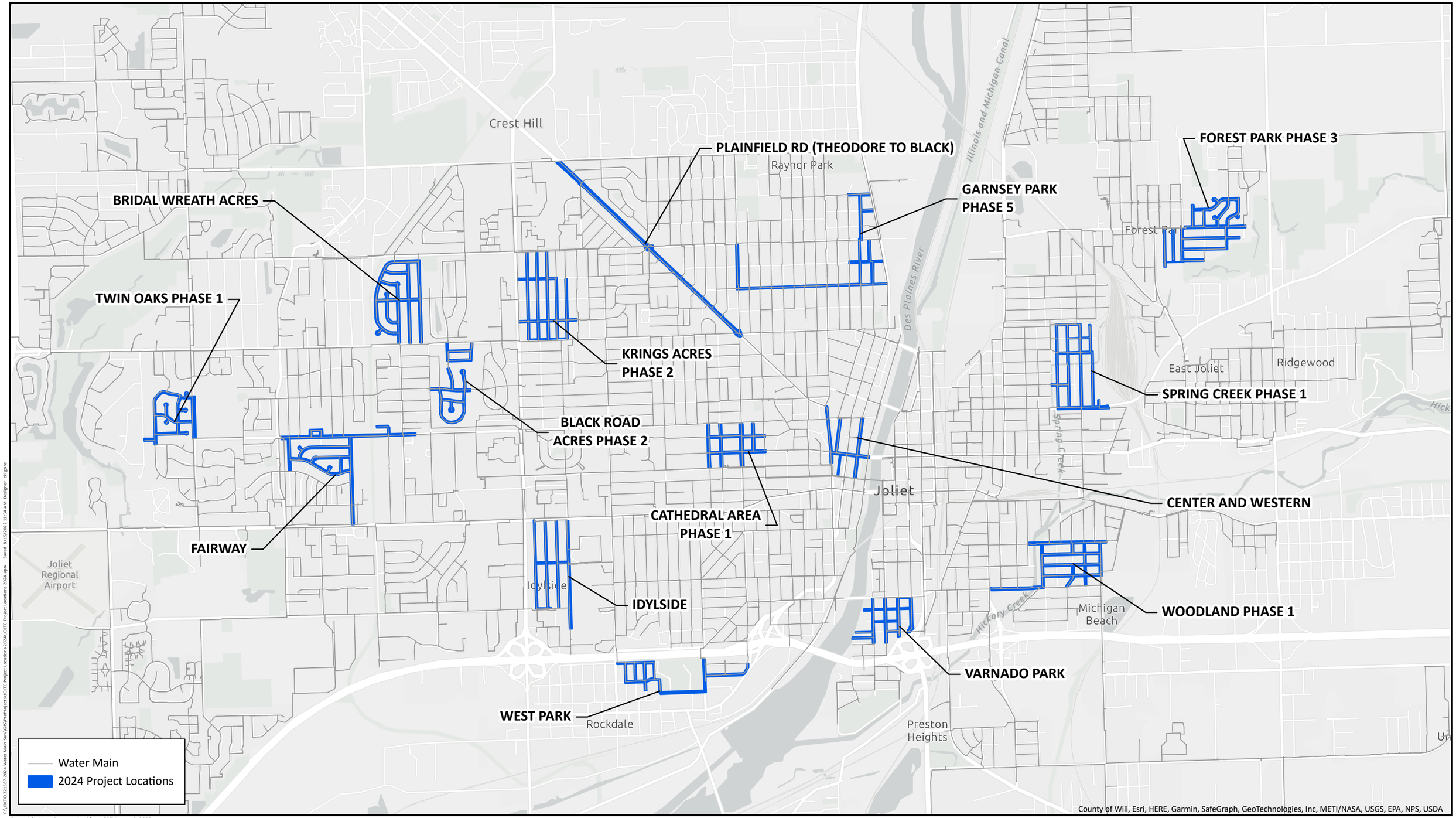
WATER MAIN REPLACEMENT PROGRAM
CONSTRUCTION SERVICES RFQ

List of Attendees:

Print Name / COMPANY
Jeremie Lukowicz / BLA
Jacob Thiede / BLA
JUSTIN WIATER / TYLI
Bruce Bushnell / TYLin
BRIAN DUSAK / ERA
Luis Vasquez / RJN Group
Yann Gallin / RJN Group
SEAN ODEN / Baker & Wondra
KEVIN VANDENBERGHE / THOMAS ENGINEERING G
Kevin Siksta / Primera
ED FLORES / RGE ENGINEERING
Lanyea Griffin / Acclaim Collier Engineeri
John Naughton / American Veteran Engineering
Wes Hampsch / Gonzalez
Joe McKenna / American Veteran Engineering
TONY SPINELLI / STRAND ASSOCIATES
Chirag Dave / Infrastructure Eng Inc.
CHRIS LIROT / HR GREEN
Peter Sathissarat / V3

2024 WATER MAIN IMPROVEMENT AREAS

City of Joliet, Illinois



P:\JOLT\C21587-2024 Water Main Surv\GIS\ProProject\JOLTC Project Locations 2024\JOLTC Project Locations 2024.aprx Saved: 8/15/2022 11:34 AM Designer: dsilgore

Source(s): Water Data received from GPT August 5, 2022

N

Not to Scale

BAXTER & WOODMAN Consulting Engineers

Water Main Replacement Program
Construction Engineering Services RFQ



PRESENTATION OVERVIEW

- Program Overview
- Walkthrough of the RFQ
- WBE/MBE Advertising Requirements
- GIS is central to our systems
- Lead services processes are critical: VueWorks, GIS inventory
- Resident communication SOPs
- We have systems that need to continue, but we encourage new ideas, systems and processes to streamline the program
- Questions



City Org Chart

- Bill Baltz – Deputy Director of Field Operations (Construction Manager)
- Nick Gornick – Deputy Directory of Plant Operations (Lead Processes)
- Monica Zupan – Lab Manger
- Tony Anczer – Deputy Director of Engineering (Design Project Manager)
- Ann Grooms – Office Manager
- Ryan Liang – Civil Engineer (Water)
- Owen Dean – Civil Engineer (Sewer)
- Paul Bomba – Engineering Aid (Field Coordination and Testing)

GENERAL NOTES

- Program goes through 2030
- Funded by: IEPA SRF, WIFIA, & Corporate funds
- Design engineer is Baxter & Woodman
- Alternate Water Supply Program is also in design and some coordination will be needed
- A “Small” project is about 1 mile
- A “Large” project is near 3 miles
- The 2024 project will fund private side lead service replacements through our IEPA SRF “Phase 4 lead service” contract



RFQ WALK THROUGH

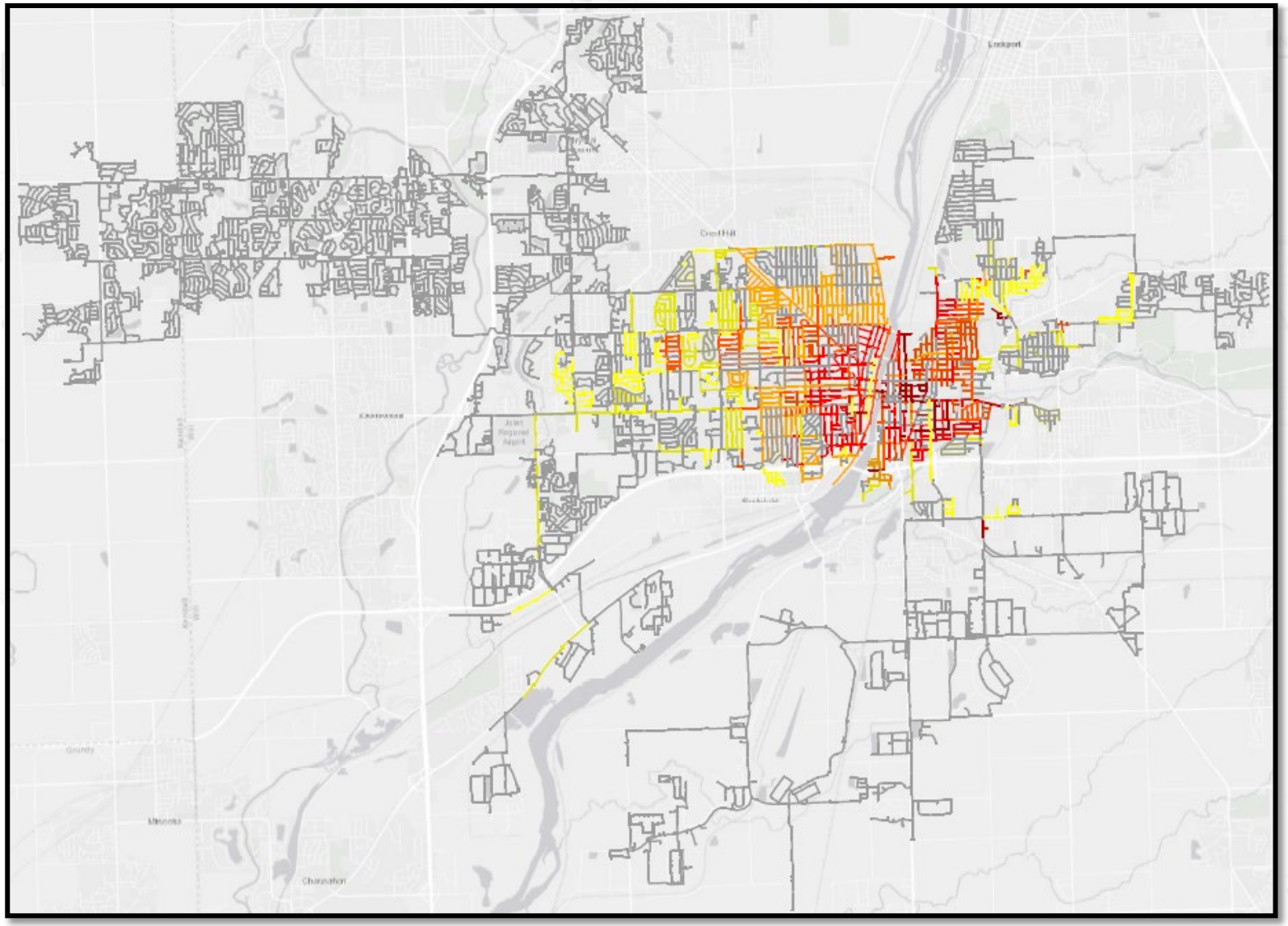
CITY OF JOLIET, ILLINOIS

Request for Qualifications
Water Distribution System Rehabilitation Program – Construction Services
Project No. 2747-1123

DBE/MBE Advertisement (If Applicable):	Recommend to advertise no later than **August 31, 2023**
Pre-submittal meeting:	**10:00 A.M., September 7, 2023** City of Joliet East Side Treatment Plant 815 Adler St., Joliet, IL
Qualifications Due:	**10:00 A.M., October 6, 2023** City Clerk's Office 150 W. Jefferson Street Joliet, IL 60432

Request for Statements of Qualifications

PROGRAM OVERVIEW



700 Miles of Water Main

250 Main Breaks Annually

25 Miles Replaced in 5 Years

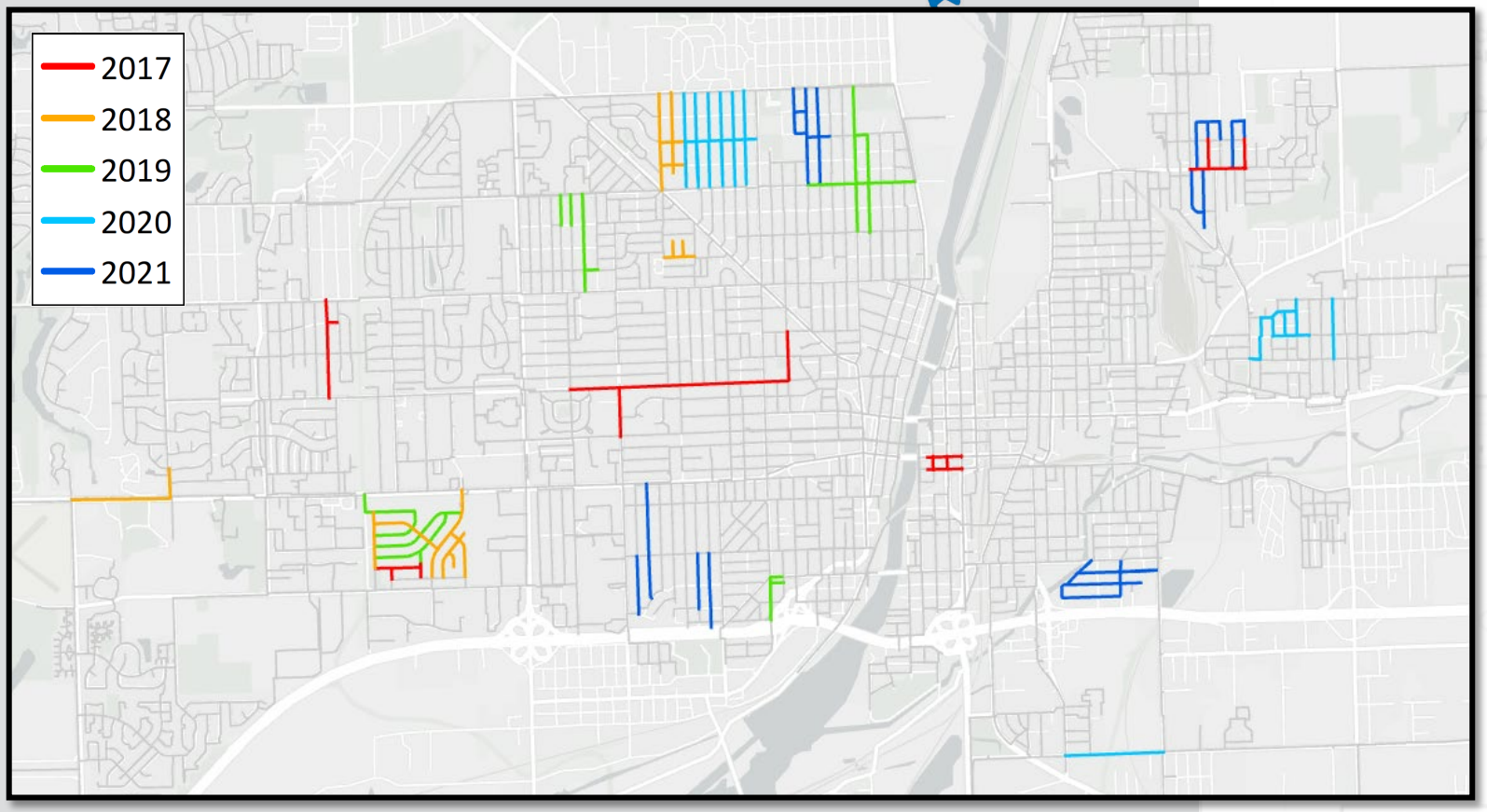
- Accelerating to Meet IDNR Requirements

What We've Accomplished 2017-2021

Built by YOU.

Year	Length	Engineer's Estimate	Total Bid Price	Bid Price per Foot
2017	4.2	$ 9,715,000	$ 6,650,124	$ 302
2018	4.0	$ 8,002,000	$ 4,928,477	$ 234
2019	5.4	$ 9,780,000	$ 6,816,684	$ 239
2020	5.5	$ 8,276,000	$ 7,051,912	$ 242
2021	6.2	$10,099,000	$7,079,413	$ 218
Total	25.2	$45,872,000	$32,526,611	$ 247

Year	Length	Engineer's Estimate	Total Bid Price	Bid Price per Foot
5 Year	25.2	$45,872,000	$32,526,611	$ 247
2022	20.6	$35,551,335	$33,036,404	$304
Total	45.8	$81,423,335	$65,563,015	-

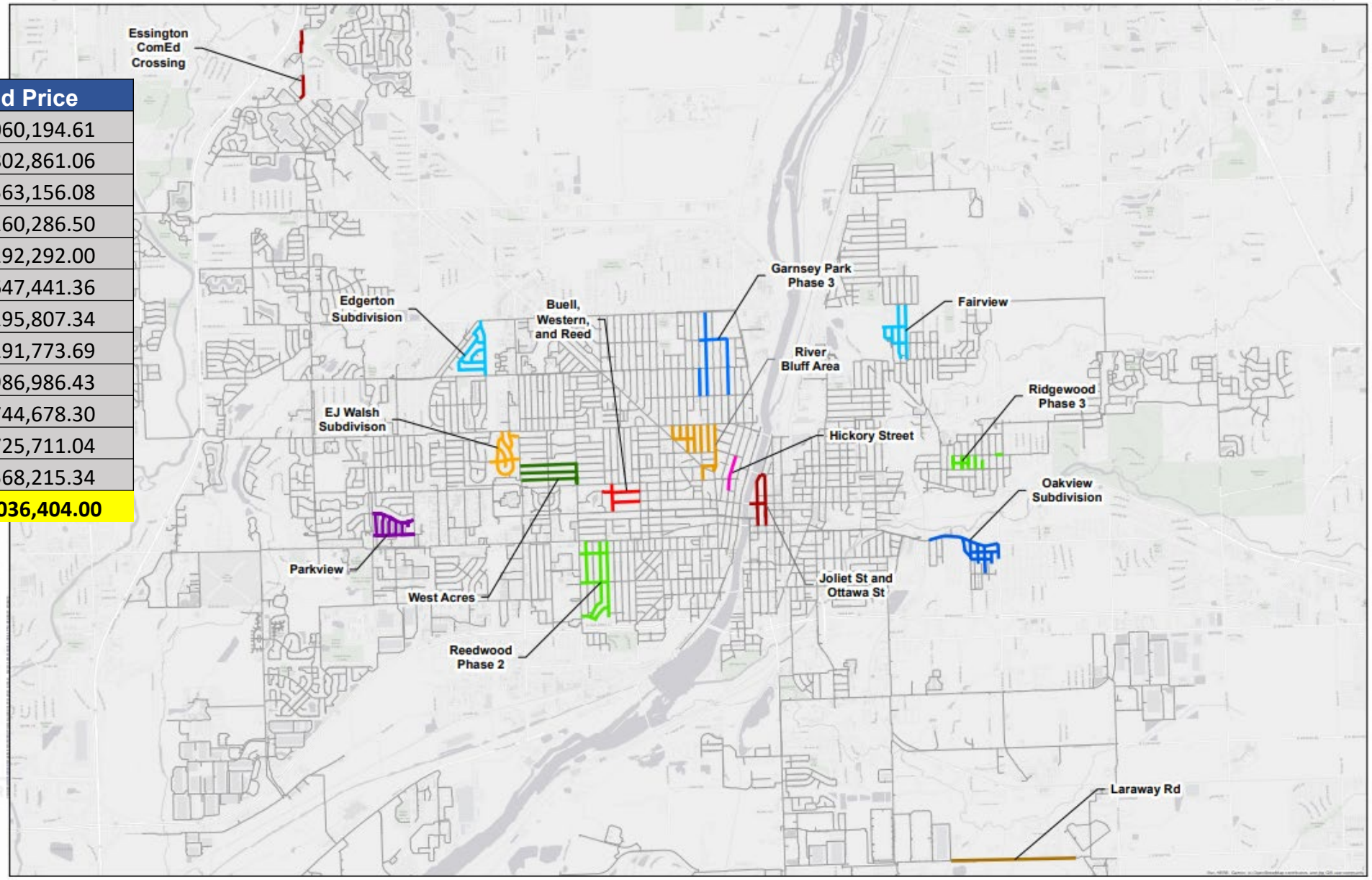


American Water Works Association Illinois Section WATERCON

2022 PROGRAM

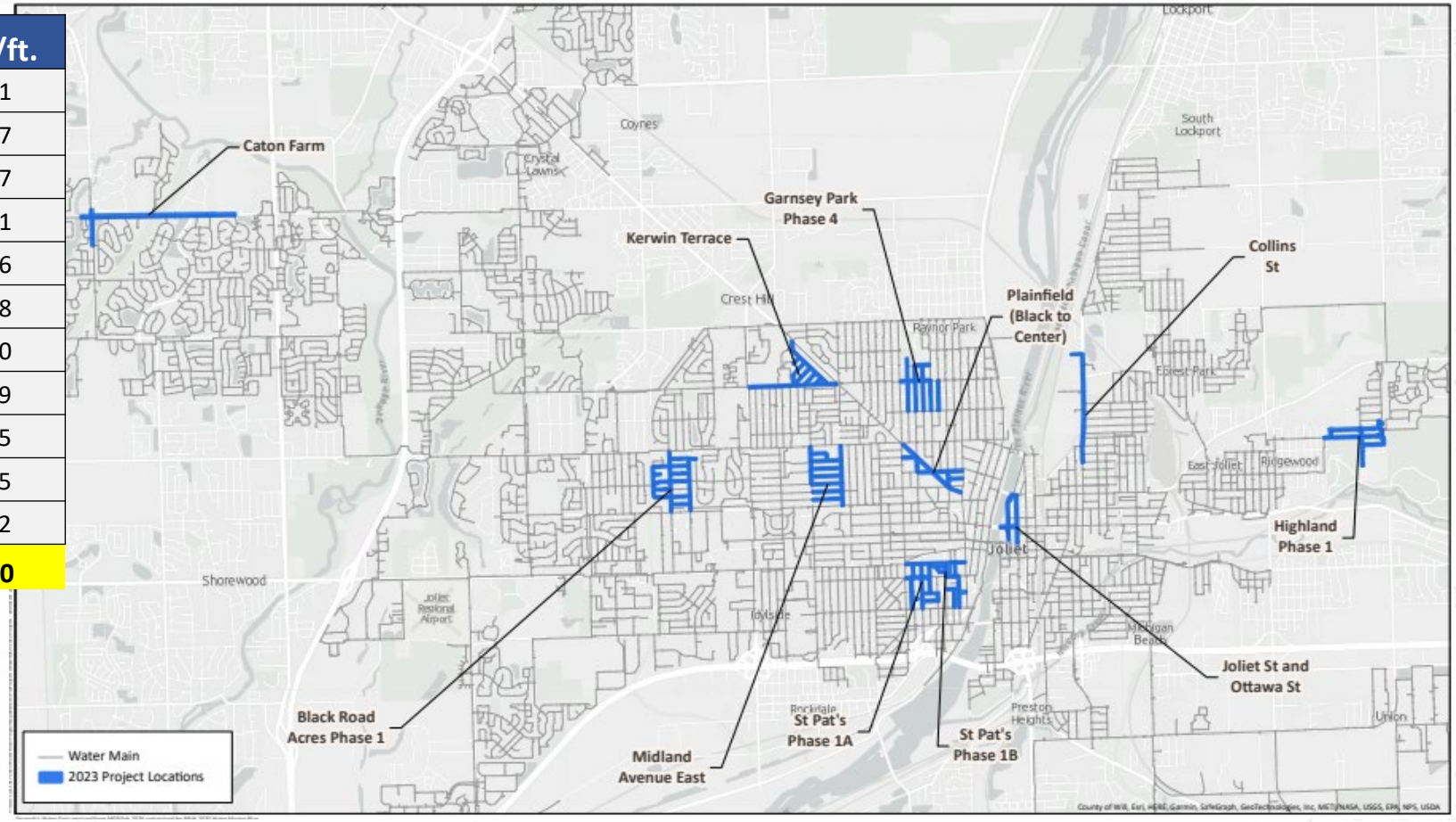
Project Name	Bid Price
Buell/Western/Reed	$1,060,194.61
EJ Walsh Subdivision	$1,802,861.06
West Acres	$2,563,156.08
Fairview	$2,260,286.50
Ridgewood Phase 3	$1,292,292.00
Parkview	$2,647,441.36
Essington ComEd Crossing	$1,195,807.34
Garnsey Park Phase 3 & Edgerton	$5,191,773.69
Oakview	$2,986,986.43
Laraway	$1,744,678.30
Reedwood Phase 2	$3,725,711.04
River Bluff	$6,568,215.34
Total =	**$33,036,404.00**

20.6 Miles - $304/ft



2023 PROGRAM

Project Name	Length	Low Bid	Cost/ft.
Black Road Acres Ph. 1	2.9	$4,652,581.16	$301
Collins St	1.3	$5,989,498.45	$847
Highland Phase 1	1.2	$2,988,218.00	$477
Kerwin Terrace	2.1	$3,684,106.41	$331
Plainfield Road.	1.6	$4,792,653.07	$556
Caton Farm	1.8	$2,882,475.98	$308
Garnsey Park Phase 4	2.1	$4,370,320.17	$400
Midland Avenue East	2.6	$4,848,408.00	$359
St. Pat's Phase 1A	1.6	$3,880,229.76	$455
St. Pat's Phase 1B	2.0	$5,204,225.28	$505
Joliet Ottawa	1.2	$6,095,346.00	$972
2023 Totals	**20.3**	**$49,388,062.28**	**$460**

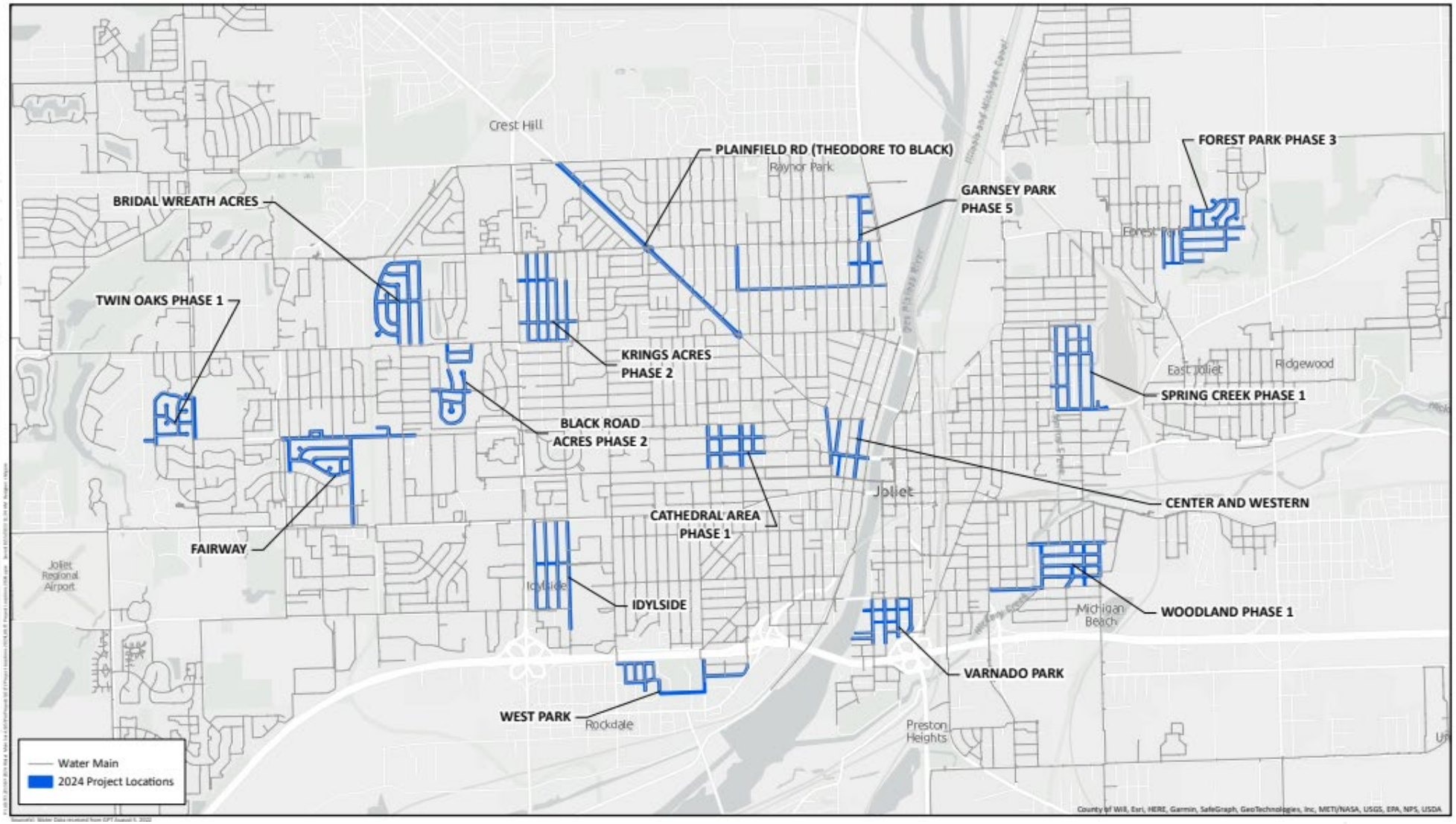


Plus 2022 Carryover projects

+$2,000,000 for Ductile Iron Pipe

2024 PROGRAM

Project Name	Length
Broadway, Center, & Western	1.3
Plainfield Road	1.8
West Park	1.7
Spring Creek Phase 1	2.8
Cathedral Area Phase 1	1.6
Idylside	2.4
Varnado Park Area	1.6
Bridal Wreath Acres	2.7
Parkview North	2.8
Forest Park Phase 3	2.8
Garnsey Park Phase 5	2.5
Hickory Creek East Phase 1	2.7
Krings Acres Phase 2	2.7
Burr Oaks	1.6
Black Road Acres Phase 2	1.6
2023 Totals	**32.6**



LEAD SERVICE LINE REPLACEMENT

JOLIET

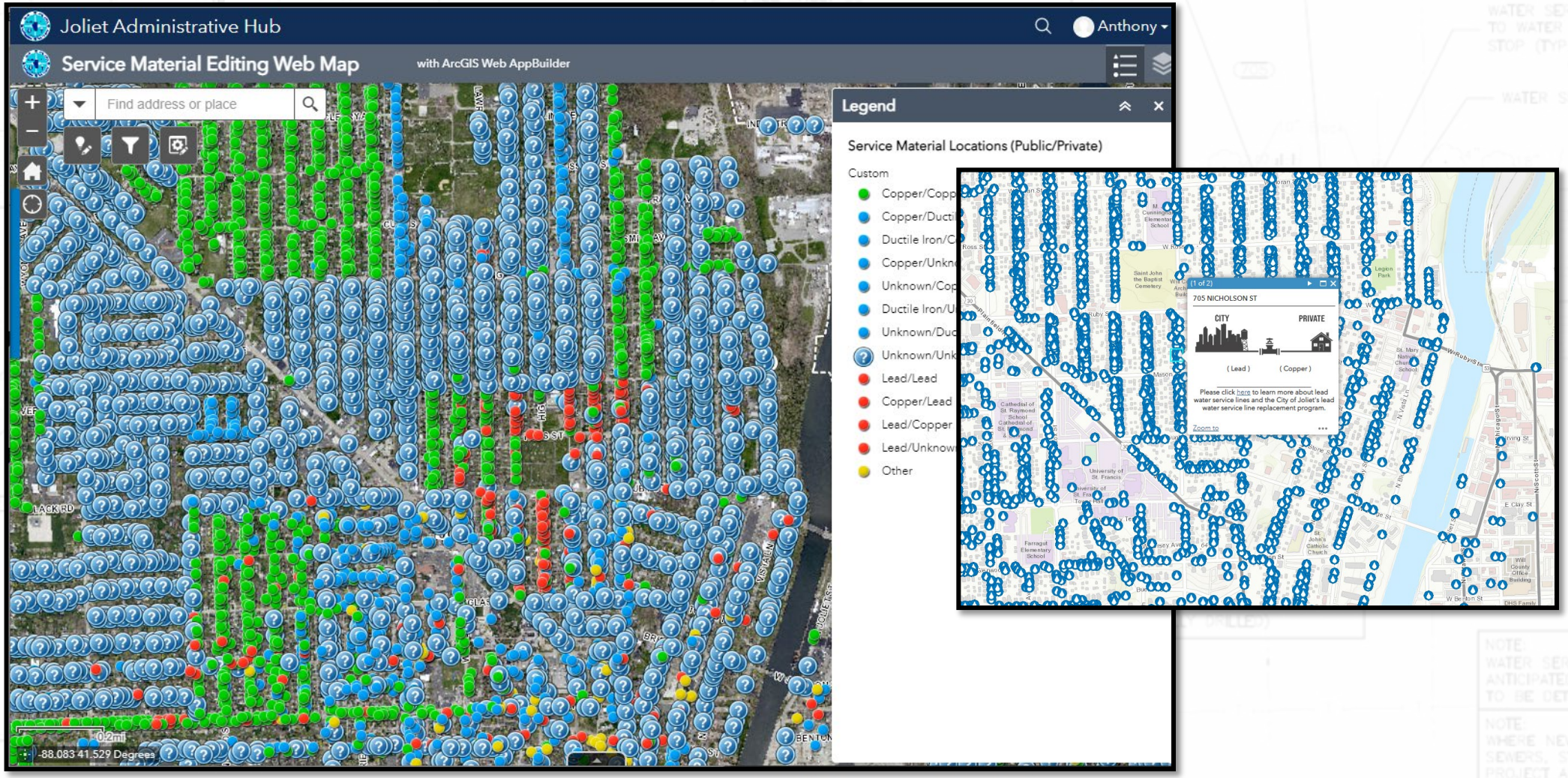
Lead Water Service Line Inventory & Replacement Program



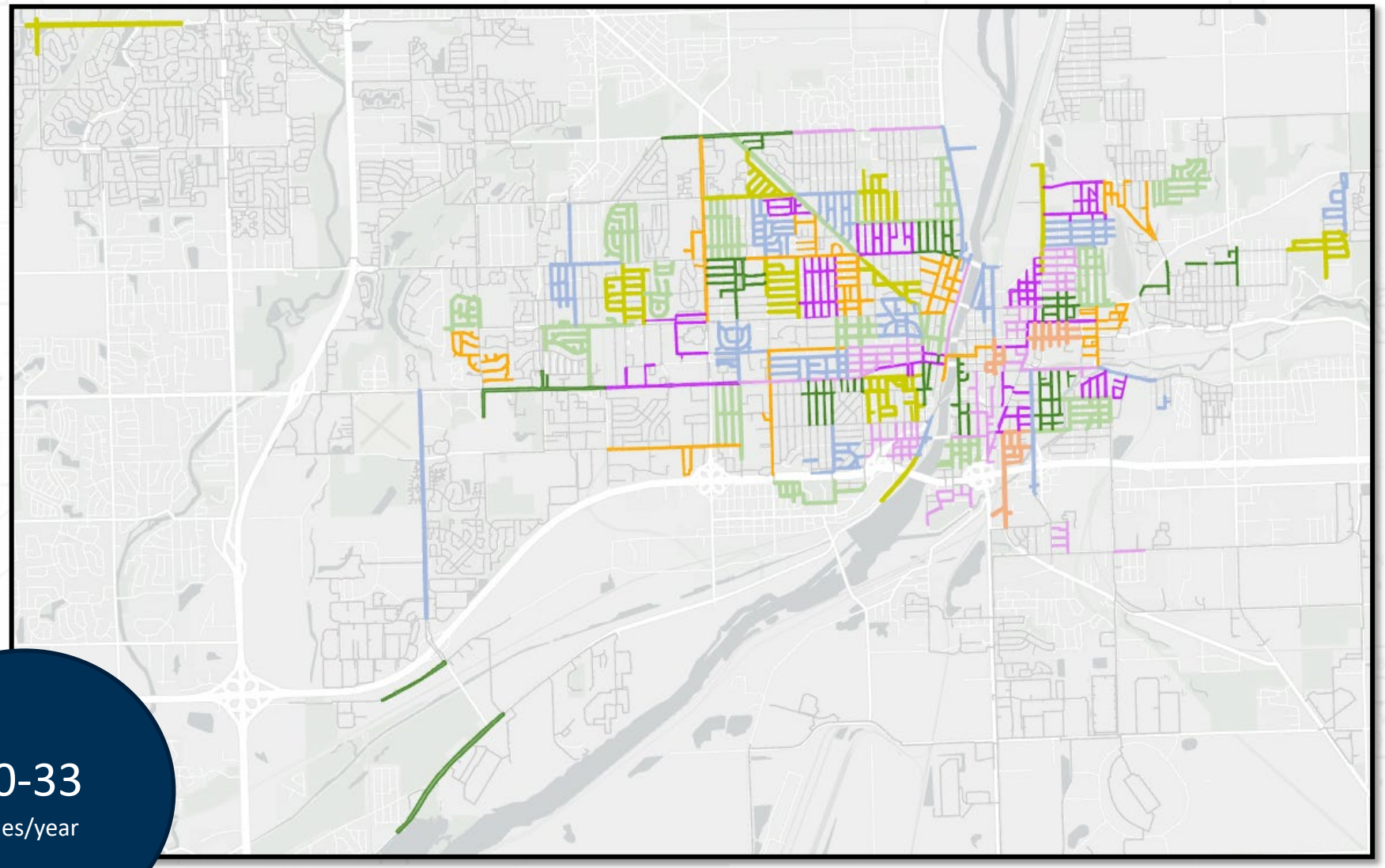
GET THE LEAD OUT!

Important information about drinking water and lead

City of Joliet
Department of Public Utilities
www.joliet.gov/water



WHERE THE PROGRAM IS HEADED



20-33
miles/year

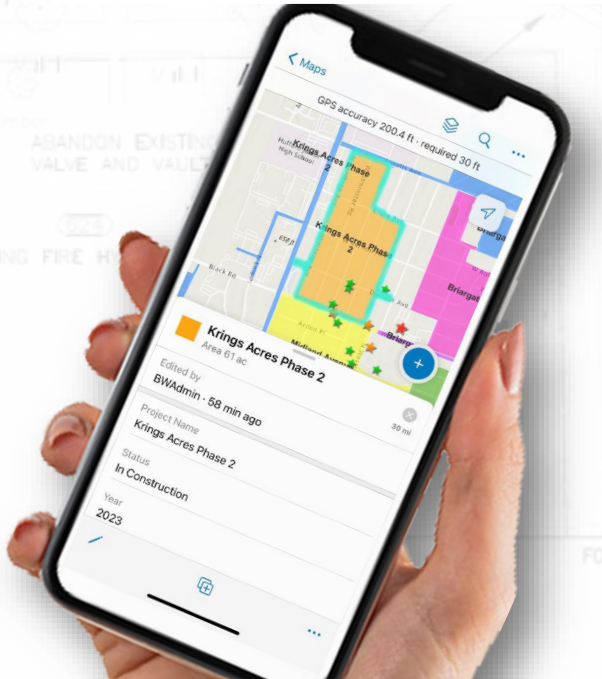
PUBLIC COMMUNICATION

City of Joliet Website
joliet.gov/construction-zone

Interactive Webmap

Real Time Construction Updates

Copies of All Project Communications



Design & Construction Public Communication Dashboard City of Joliet, IL

2022 Project Locations
(Click a Project from the List for more information)

- **Garnsey Park Phase 3 & Edgerton Subdivision (Water Main Replacement)** (Construction Ongoing) 2022
- **EJ Walsh Subdivision** (Construction Ongoing) 2022
- **Buell, Western, and Reed** (Construction Ongoing) 2022
- **Reedwood Phase 2** (Construction Ongoing) 2022
- **Ridgewood Phase 3** (Construction Ongoing) 2022
- **Fairview** (Construction Ongoing) 2022
- **Joliet St and Ottawa St** (Out to Bid) 2022
- **West Acres** (Project Awarded) 2022
- **Parkview** (Project Awarded) 2022
- **Hickory St & River Bluff Area** (Project Awarded) 2022
- **Oakview** (Project Awarded) 2022

Zoom to Pan

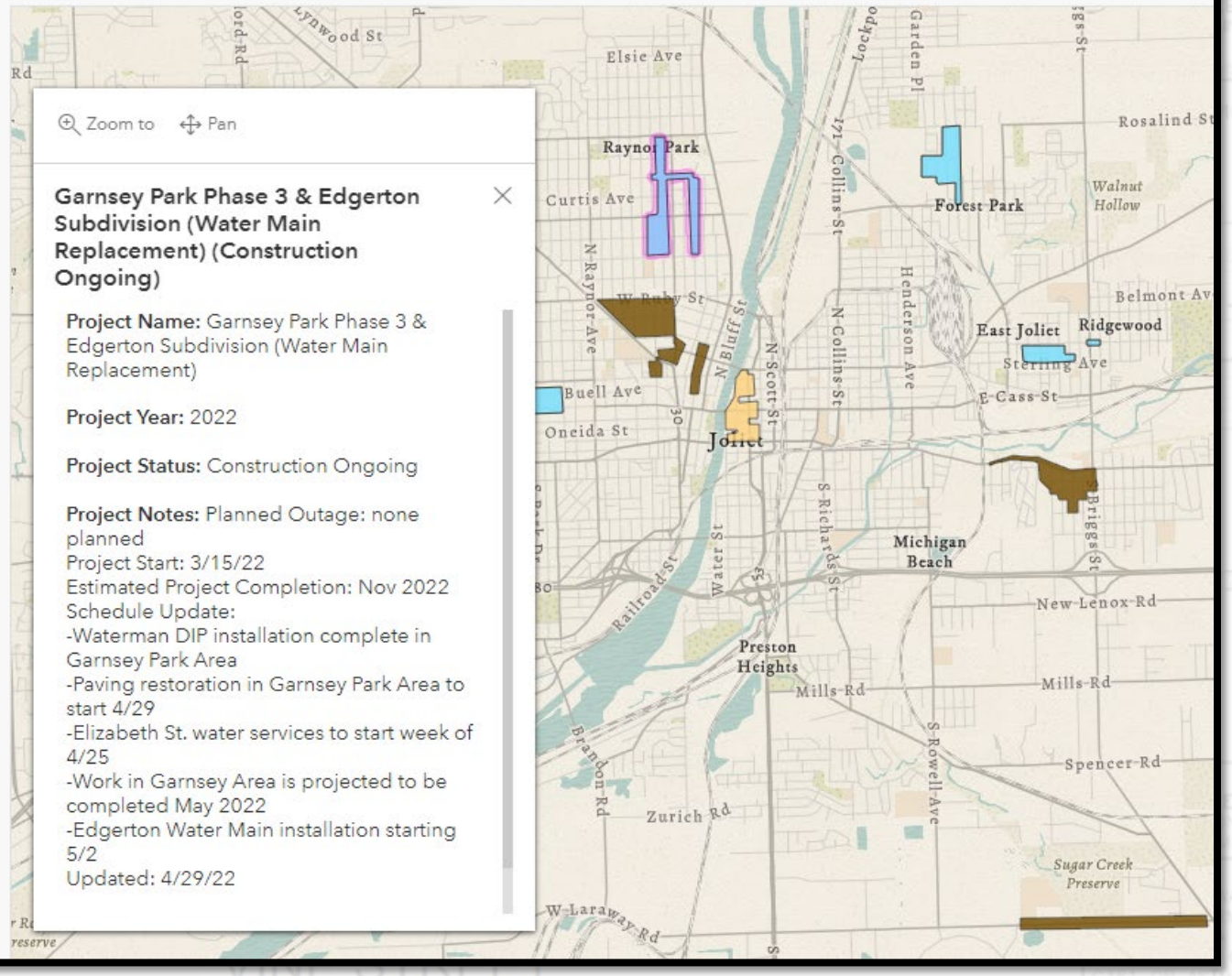
Garnsey Park Phase 3 & Edgerton Subdivision (Water Main Replacement) (Construction Ongoing)

Project Name: Garnsey Park Phase 3 & Edgerton Subdivision (Water Main Replacement)

Project Year: 2022

Project Status: Construction Ongoing

Project Notes: Planned Outage: none planned
Project Start: 3/15/22
Estimated Project Completion: Nov 2022
Schedule Update:
-Waterman DIP installation complete in Garnsey Park Area
-Paving restoration in Garnsey Park Area to start 4/29
-Elizabeth St. water services to start week of 4/25
-Work in Garnsey Area is projected to be completed May 2022
-Edgerton Water Main installation starting 5/2
Updated: 4/29/22



PUBLIC COMMUNICATION

DEPARTMENT OF
PUBLIC UTILITIES
815-724-4220 Direct
815-723-7770 Fax

CITY OF JOLIET

English & Spanish

February 28, 2022

Current Resident
2200 Benedict
JOLIET IL 60436

PROJECT NOTICE – 2022 WATER MAIN REPLACEMENT

This letter is to inform you of a water main replacement construction project that will be built this year adjacent to or nearby your address. Project information with weekly updates can be found at Joliet.gov/construction-zone.

Included in this mailing are: 1) an exhibit showing the location of the water main project near your address; 2) a pamphlet outlining what to expect during construction, and 3) a lead information letter that the Illinois Environmental Protection Agency requires the City to distribute.

Water main replacement is an essential part of the City's infrastructure maintenance plan to keep our water system in good condition, improve reliability and reduce water loss from leaks in old water main pipes. Water main replacement is also a requirement as the City begins the process of transferring from the current well water system to Lake Michigan water by the year 2030. This year through 2030 the City will be replacing over 20 miles of water main annually. By 2030 all water mains older than 1970 are planned to be replaced. Learn more about the City's alternative water source program at www.RethinkWaterJoliet.org.

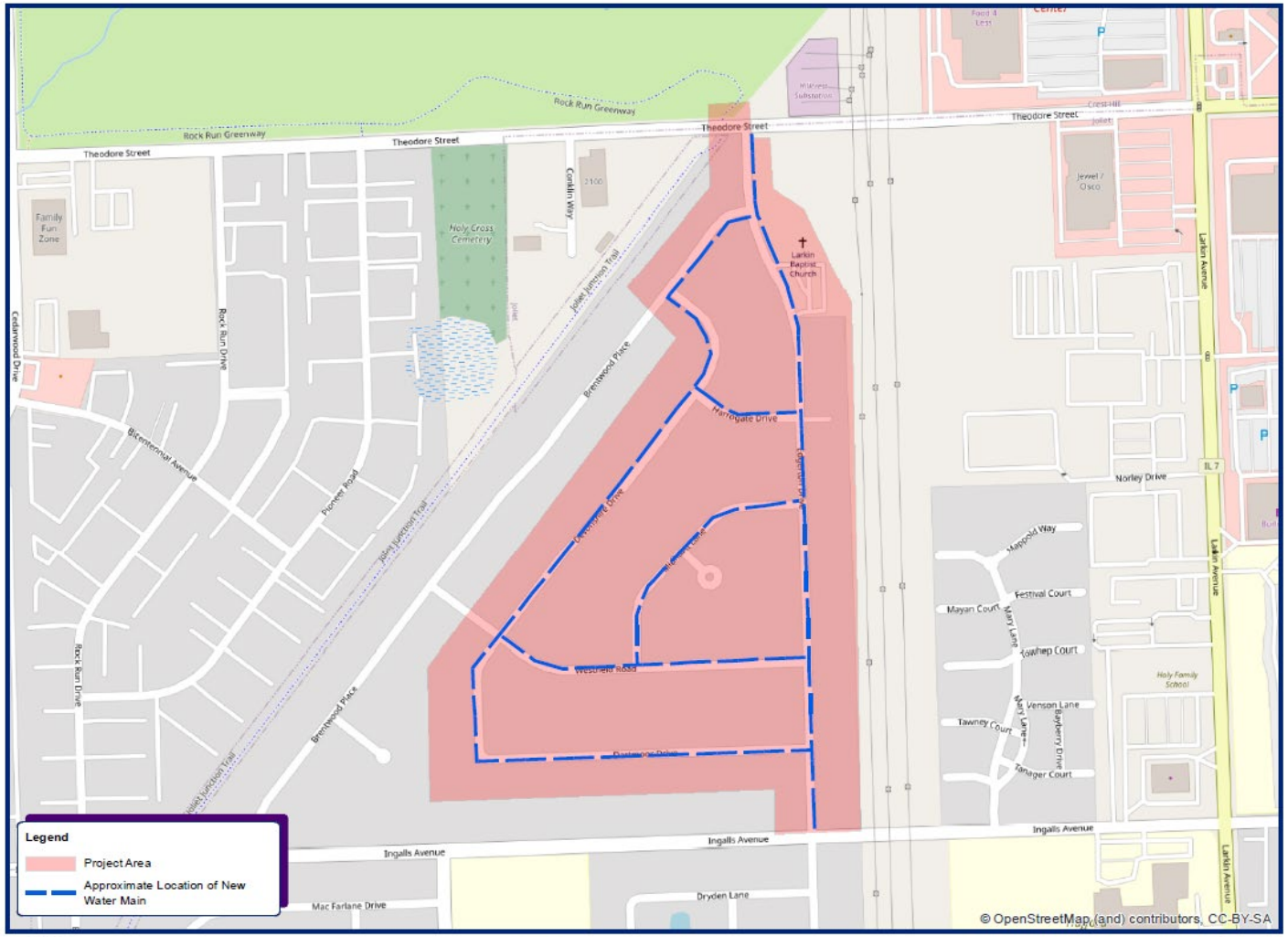
The City of Joliet Department of Public Utilities will hold an open house on Wednesday, March 9, 2022 from 5:00 to 7:00 p.m. at the Eastside Wastewater Treatment Plant Administration Building, 815 Adler Street, Joliet, IL 60436. You are encouraged to attend to learn more about the project. Project representatives will be available to answer questions.

Thank you in advance for your understanding and patience during the construction process. If you have any questions or concerns, please contact the Department of Public Utilities at (815) 724-4220.

City of Joliet Department of Public Utilities

Anthony Anczer, Deputy Director Engineering

rethink water JOLIET



Edgerton Subdivision
Water Main Project

PUBLIC COMMUNICATION – OPEN HOUSE



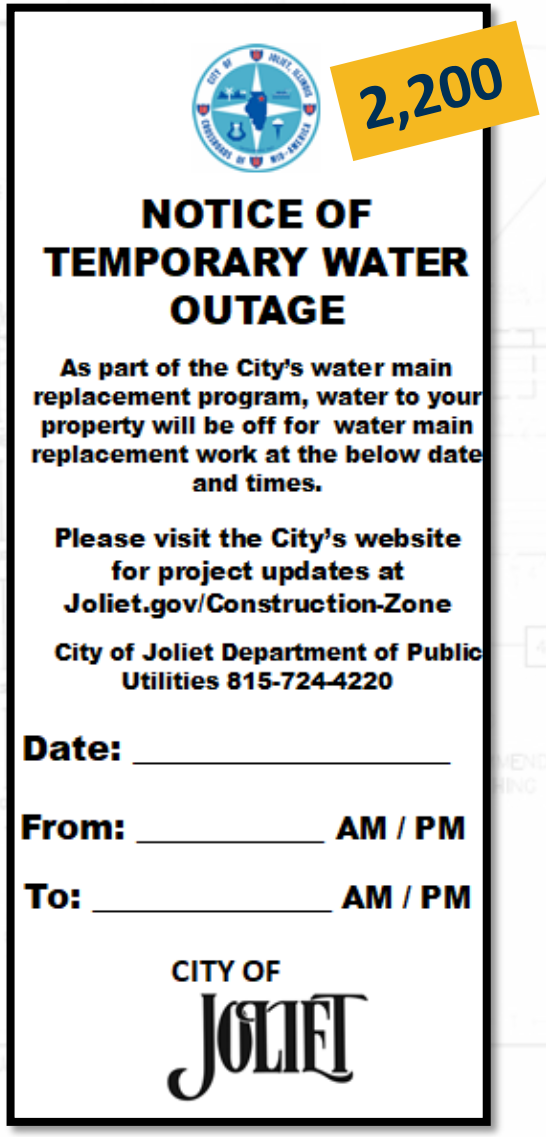
- No Group Presentation
- Tables setup with drawings of each project

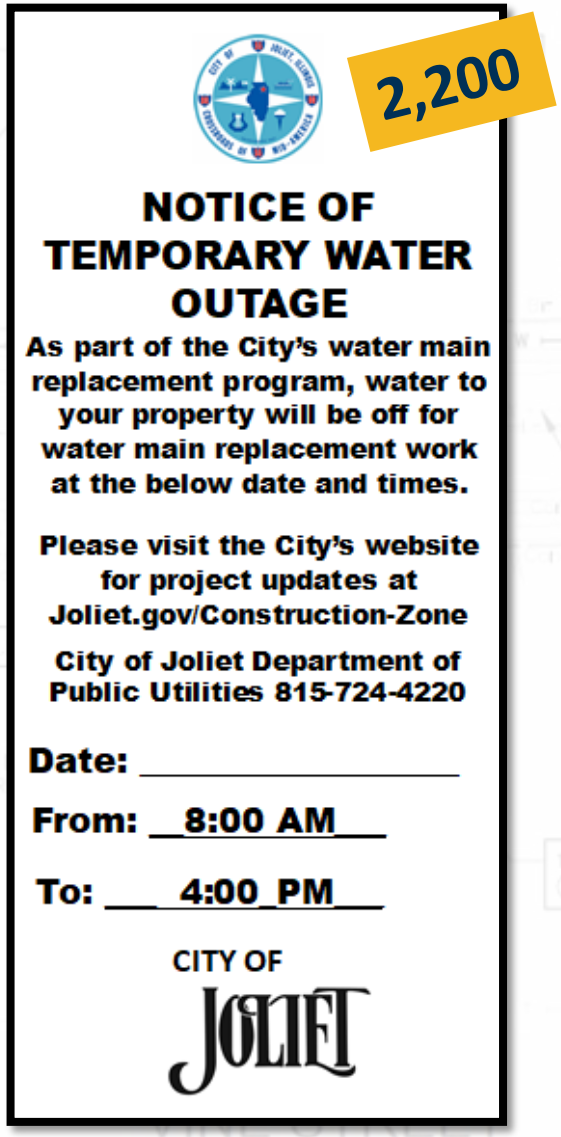


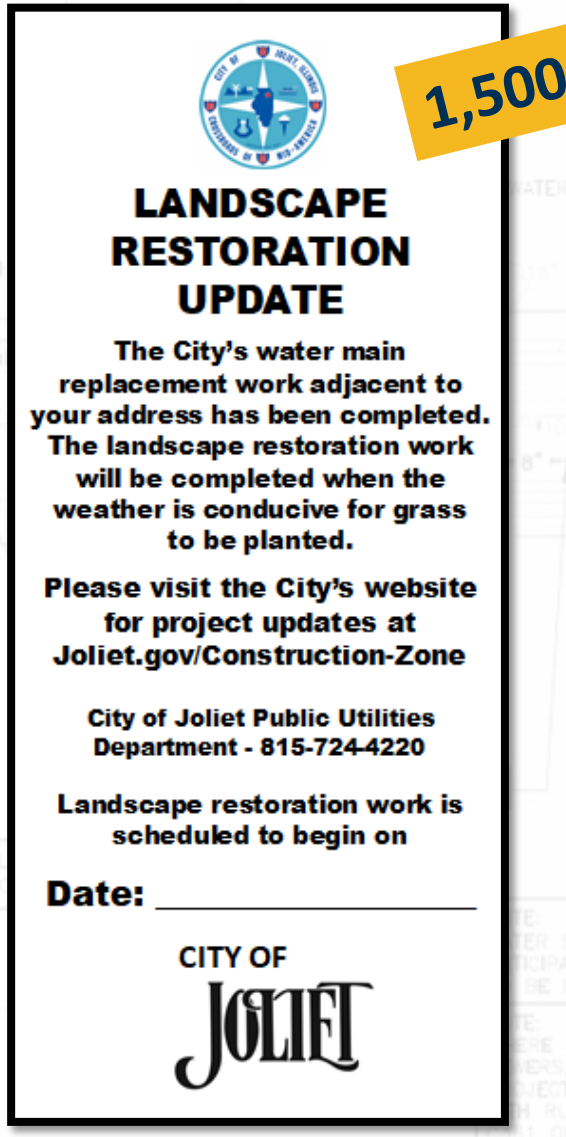
NEIGHBORHOOD ASSOCIATIONS

PUBLIC COMMUNICATION – 4 DOOR HANGERS









PUBLIC COMMUNICATION – GIS WEBSITE

Design & Construction Public Communication Dashboard City of Joliet, IL

2024 Project Locations
(Click a Project from the List for more information)

- **West Acres** (Construction Ongoing) 2022
- **Reedwood Phase 2** (Construction Ongoing) 2022
- **Hickory St & River Bluff Area** (Construction Ongoing) 2022
- **Oakview** (Construction Ongoing) 2022
- **Garnsey Park Phase 3 & Edgerton Subdivision (Water Main Replacement)** (Final - Construction Complete) 2022
- **EJ Walsh Subdivision** (Final - Construction Complete) 2022
- **Buell, Western, and Reed** (Final - Construction Complete) 2022
- **Parkview** (Final - Construction Complete) 2022
- **Ridgewood Phase 3** (Final - Construction Complete) 2022
- **Fairview** (Final - Construction Complete) 2022
- **Joliet St and Ottawa St** (Pending Award) 2023
- **Caton Farm** (Pending Award) 2023
- **Garnsey Park Phase 4** (Pending Award) 2023
- **Midland Avenue East** (Pending Award) 2023

Zoom to Pan

Reedwood Phase 2 (Construction Ongoing)

Project Name: Reedwood Phase 2

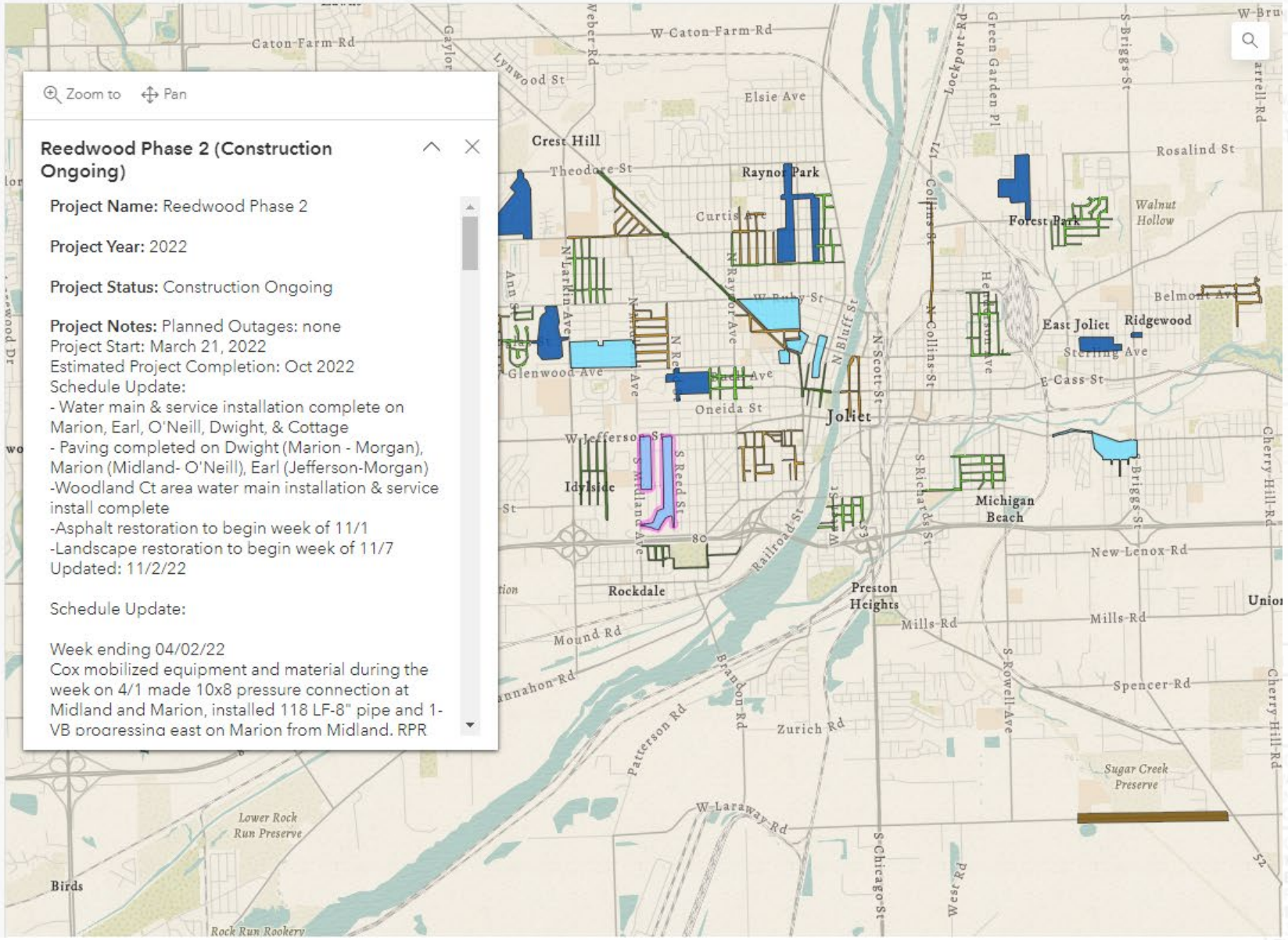
Project Year: 2022

Project Status: Construction Ongoing

Project Notes: Planned Outages: none
Project Start: March 21, 2022
Estimated Project Completion: Oct 2022
Schedule Update:
- Water main & service installation complete on Marion, Earl, O'Neill, Dwight, & Cottage
- Paving completed on Dwight (Marion - Morgan), Marion (Midland- O'Neill), Earl (Jefferson-Morgan)
-Woodland Ct area water main installation & service install complete
-Asphalt restoration to begin week of 11/1
-Landscape restoration to begin week of 11/7
Updated: 11/2/22

Schedule Update:

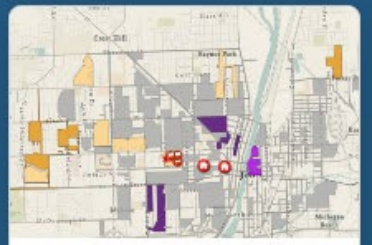
Week ending 04/02/22
Cox mobilized equipment and material during the week on 4/1 made 10x8 pressure connection at Midland and Marion, installed 118 LF-8" pipe and 1-VB progressing east on Marion from Midland. RPR



COJ GIS HUB

Joliet Administrative Hub

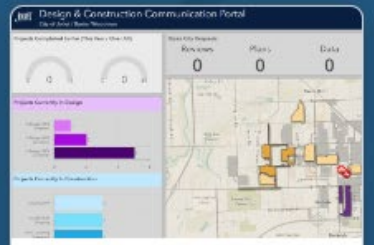
Design & Construction Communication



Design & Construction Admin Editing App

Edit - Residential, client and construction concerns - Deficiency locations - Road…

Explore



Design & Construction Communication Portal

Joliet Construction Communication System Dashboard

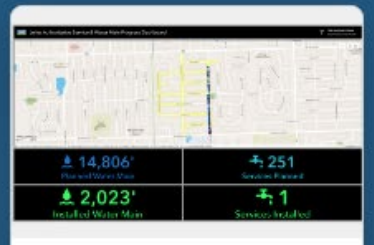
Explore



Design & Construction Public Communication…

Design & Construction Public Communication Dashboard

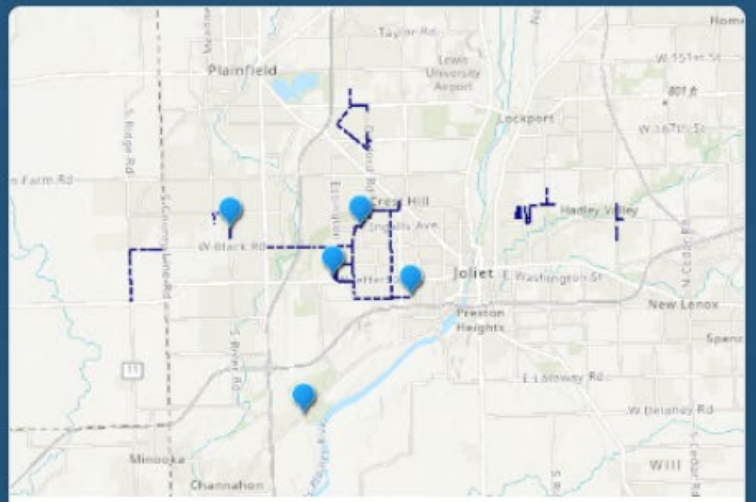
Explore



Joliet Service & Water Main Progress Dashboard

Joliet Authoritative Service & Water Main Progress Dashboard

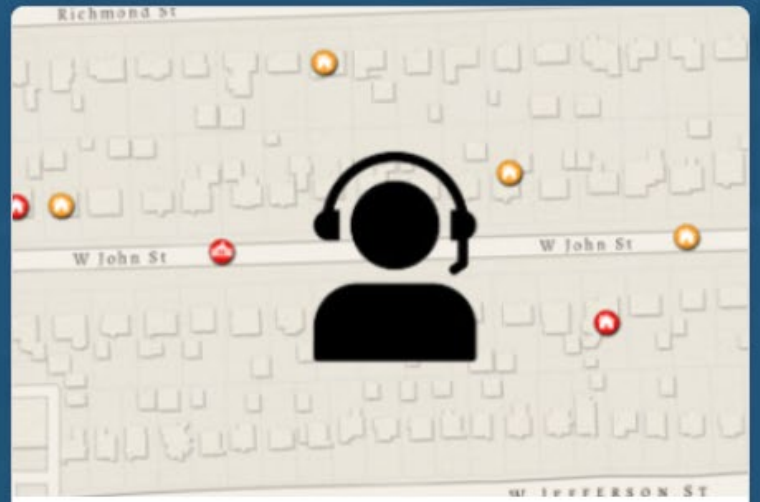
Explore



Joliet Water System Planning Map

Joliet AWSP and WMRP Planning Map

Explore



New Construction Concerns Submission App

Purpose: Entry system for NEW construction related concerns.

Explore

GIS/GPS

- City has 17 Trimble R2 Units contractors may checkout. Contractors can use their own gear. COJ has our own Field Maps app contractors use to shoot in the data.
- Contractors have to shoot in the installed infrastructure in real-time (upcoming slide)
- REs to monitor the the data being shot in, and C.E. to connect the line work and snap the linework. R.E.s need to provide basic field support, and contractors can hire outside vendor if much support is required
- Lead Service Inventory (upcoming slide)



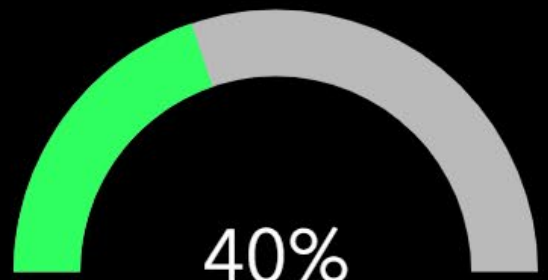
Joliet Service & Water Main Progress Dashboard

Filter by Project Name
Kerwin Terrace



10,841'
Planned Water Main

4,286'
Installed Water Main

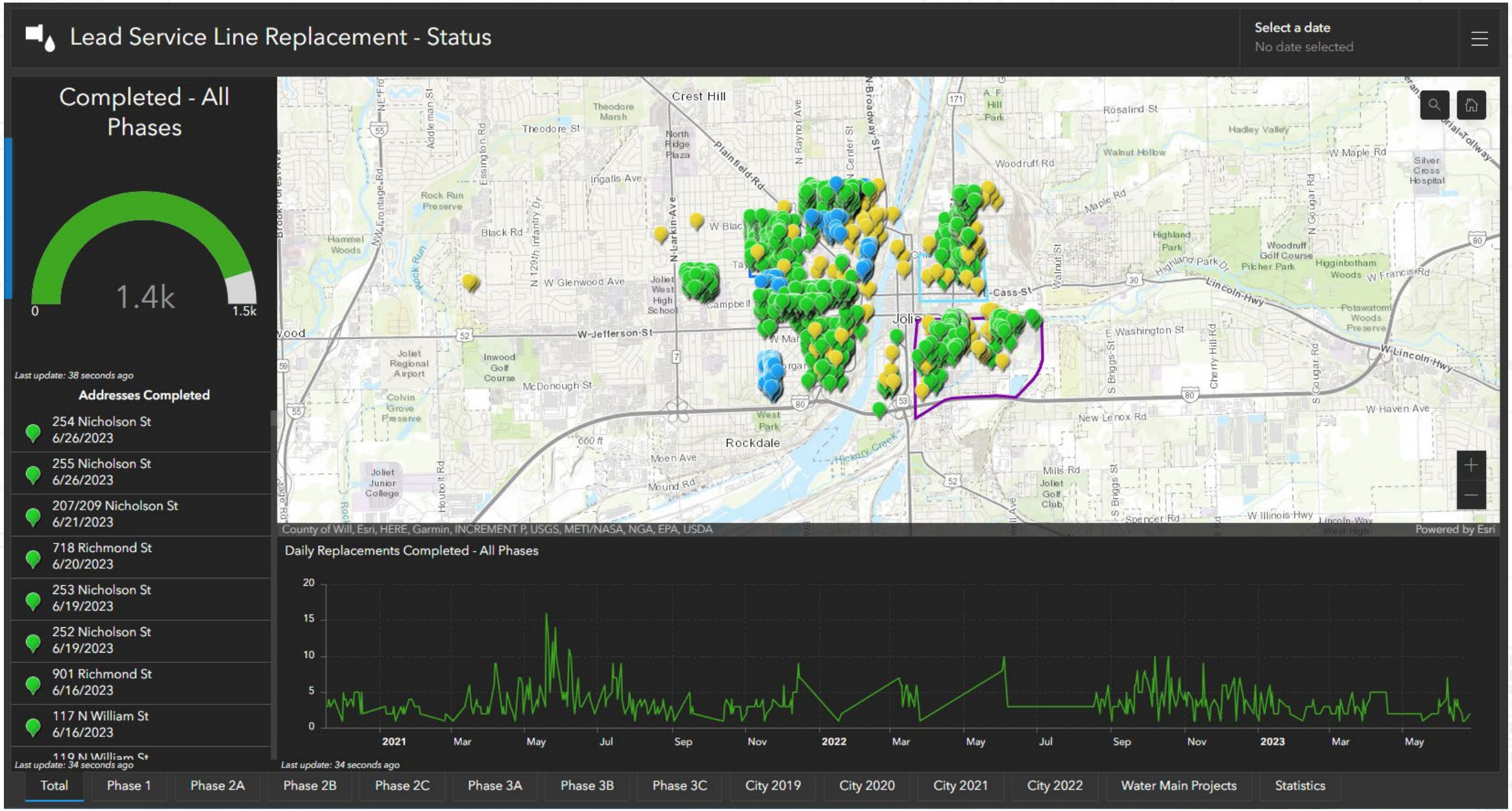


150
Services Planned

2
Services Installed

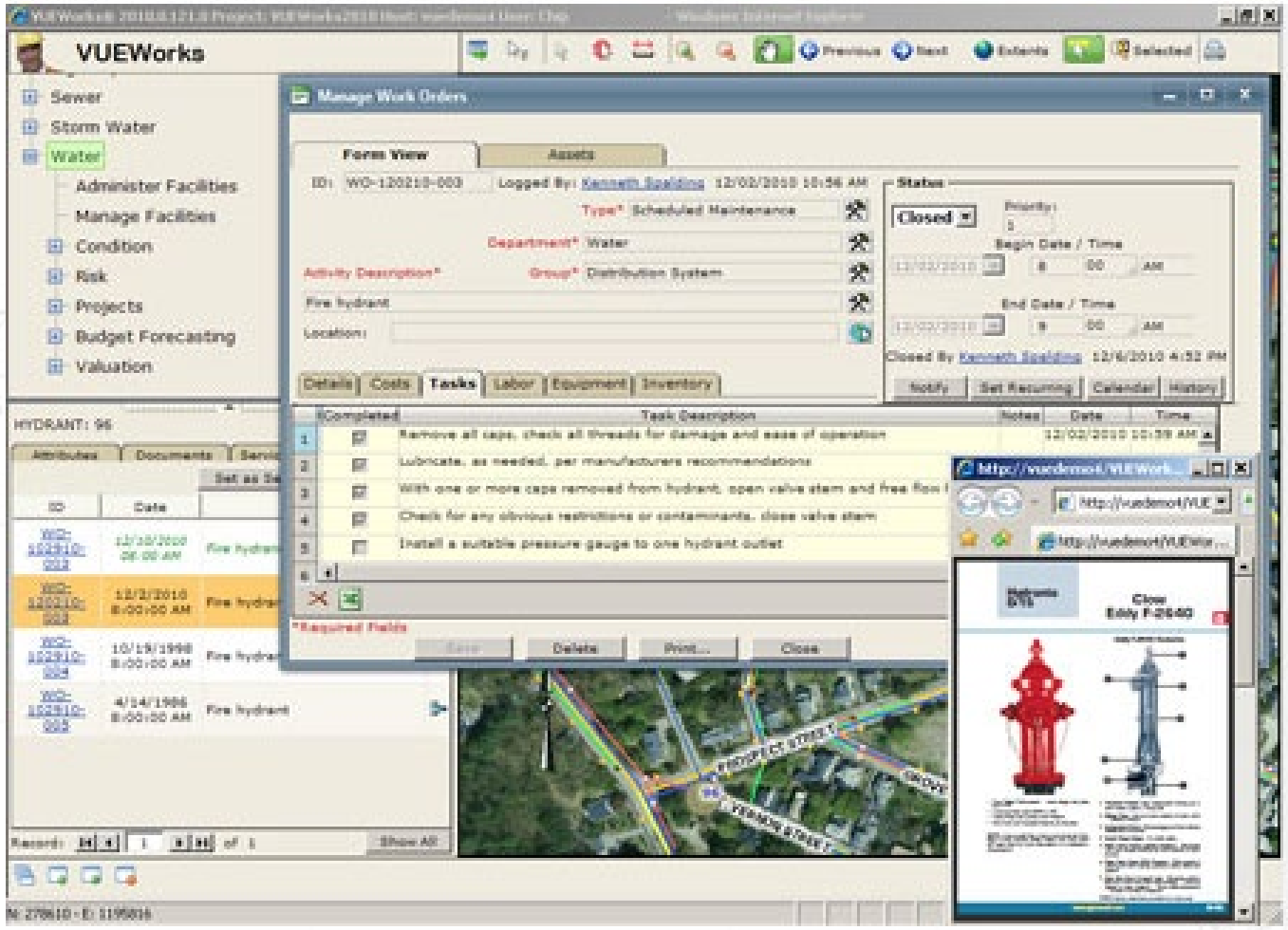


GIS – Lead Service Replacement Inventory

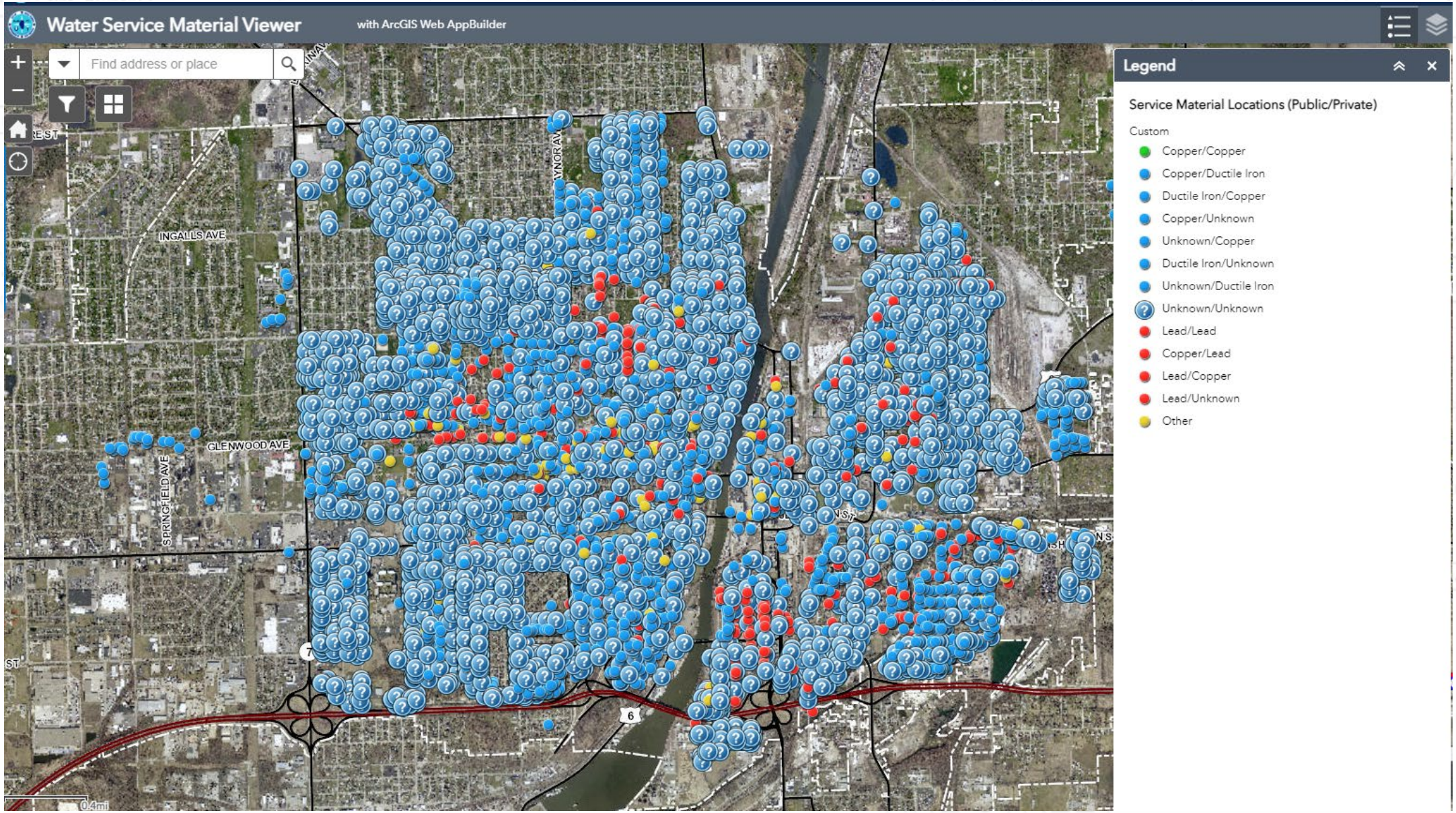


Lead Service Replacement - VueWorks

- Lead Service Replacement Workflows already setup
- CE to add the new addresses and oversee the workflows being carried out
- Workflow items include: Brita water pitcher drop-off; pre-service replacement sampling; post service replacement sampling
- The CE adding the address workflow is what triggers the COJ lab to complete our sampling and other internal tasks
- Need a detailed oriented staff member to do this work. REs sending new addresses to an office staff person has found to work well.



Lead Service Inventory



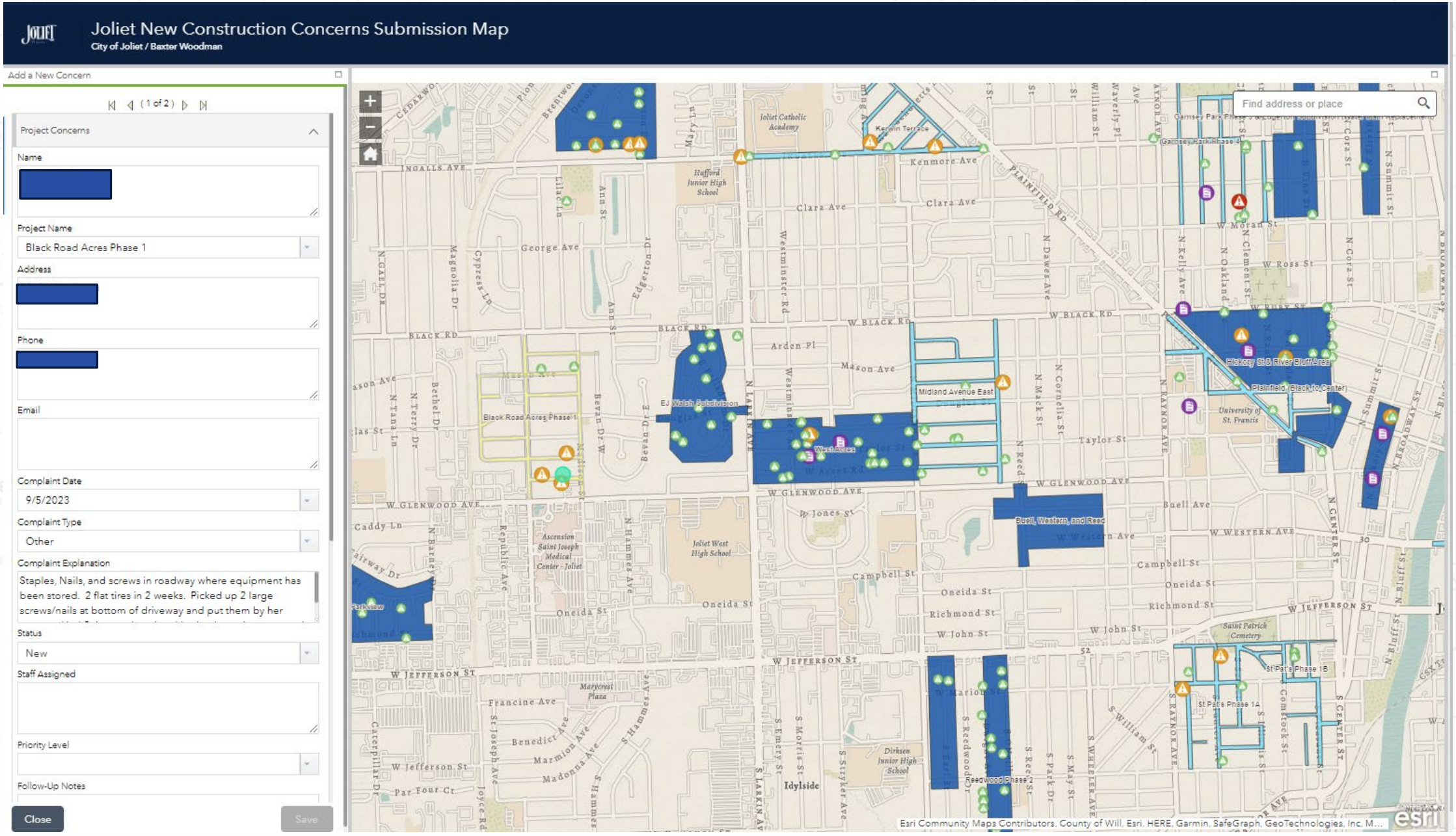
Lead Service Inventory – Field Maps App

- REs need to enter the pre-construction water service material, and also the post construction water service material

- This information is critical to the City's IEPA lead service inventory reporting, and critical to the City's lead service replacement quota



Resident Construction Concerns Map



ALL ABOUT THE SPECS! (Performance Measures)

- Water services to be completed within specified days of water main testing
- Can’t start a new block before finishing work on a previous block
- Interim deadlines for pavement restoration after mainline water main installed



MOT/DETOUR ROUTES & AGENCY COORDINATION

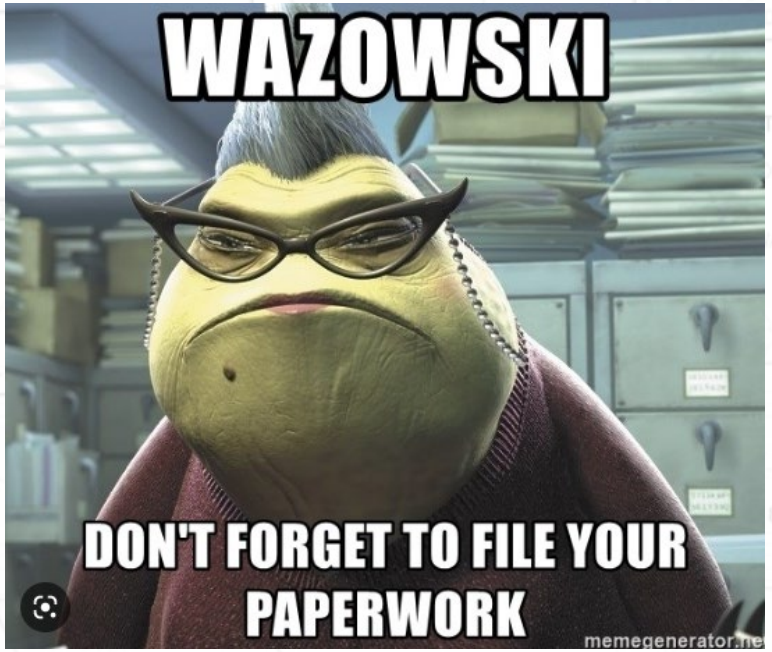
- Confirming and reconfirming with IDOT
- License agreements
- Railroad requirements





ALL THE PAPERWORK!

- Schedule out the submittal deadlines and interim deliverables
- Apprenticeship paperwork
- Dates on Contracts
- Lead Service/VueWorks processes





Processes

- Looking for ideas on: daily reporting systems; scheduling with critical path identification



PROCESSES

Daily

- Schedule out the submittal deadlines and interim deliverables
- Apprenticeship paperwork
- Dates on Contracts
- Lead Service/VueWorks processes

PROCESSES

Daily

- GPS monitoring of contractor shot data
- Daily reporting
- Water service material documentation in GIS
- VueWorks monitoring

Weekly

- Project Summary Report (next slide)
- Construction team in-person meeting
- Lead Service/VueWorks audit

WEEKLY PROJECT SUMMARY

City of Joliet | 2023 Water Main Improvements | Project Status Tracker

Monday, August 28, 2023 Update

Project Name	Contractor	Contract No.	NTP	Final Completion	Work Completed - Week Ending 8/25/23	Work Anticipated - Week Beginning 8/28/23	Added to COJ Hub
Garnsey Park Phase 4	Austin Tyler	2687-0123	6/12/2023	12/9/2023	Repaired water main on Curtis this week.	Installing water services on Highland.	
Highland Phase 1	Austin Tyler	2682-0123	5/15/2023	9/12/2023	Removed trees and dug for FM connection on Highland (MON), and connection (TUES). Performed concrete restoration of Tamarak (THURS and FRI).	Continue restoration.	
St Pats Phase 1A	Austin Tyler	2689-0123	6/1/2023	11/28/2023	Installed water services on Seeser (Mon & Tues), water services on Marion (Wed), and water services on Allen (Thurs & Fri).	Connections at Raynor and Marion and begin water services on Allen street.	
Caton Farm Road	P.T. Ferro	2686-0123	6/12/2023	10/10/2023	Installed 12 inch water main on Caton Farm Road, and installed fire hydrants and performed testing procedures.	Performing underground work on Drauden Road.	
Midland Avenue East	Benchmark	2688-0123	6/6/2023	1/2/2024	Installed water services on Mayfield and installed water main on Midland.	Installing water main on Midland Avenue and performing water services on Mayfield Avenue.	
Black Road Acres Phase 1	Len Cox & Sons	2680-0123	5/15/2023	12/11/2023	Performed spot sewer repairs and installed water services east of Springfield Avenue.	Continue with water main installation on Springfield and install water services on Avalon.	
St Pats Phase 1B	Camco	2690-0123	6/19/2023	11/16/2023	Installed sanitary sewer on Ivy Street and began water main installation on Pleasant Street.	Performing underground work on Pleasant, Ivy and Irene.	

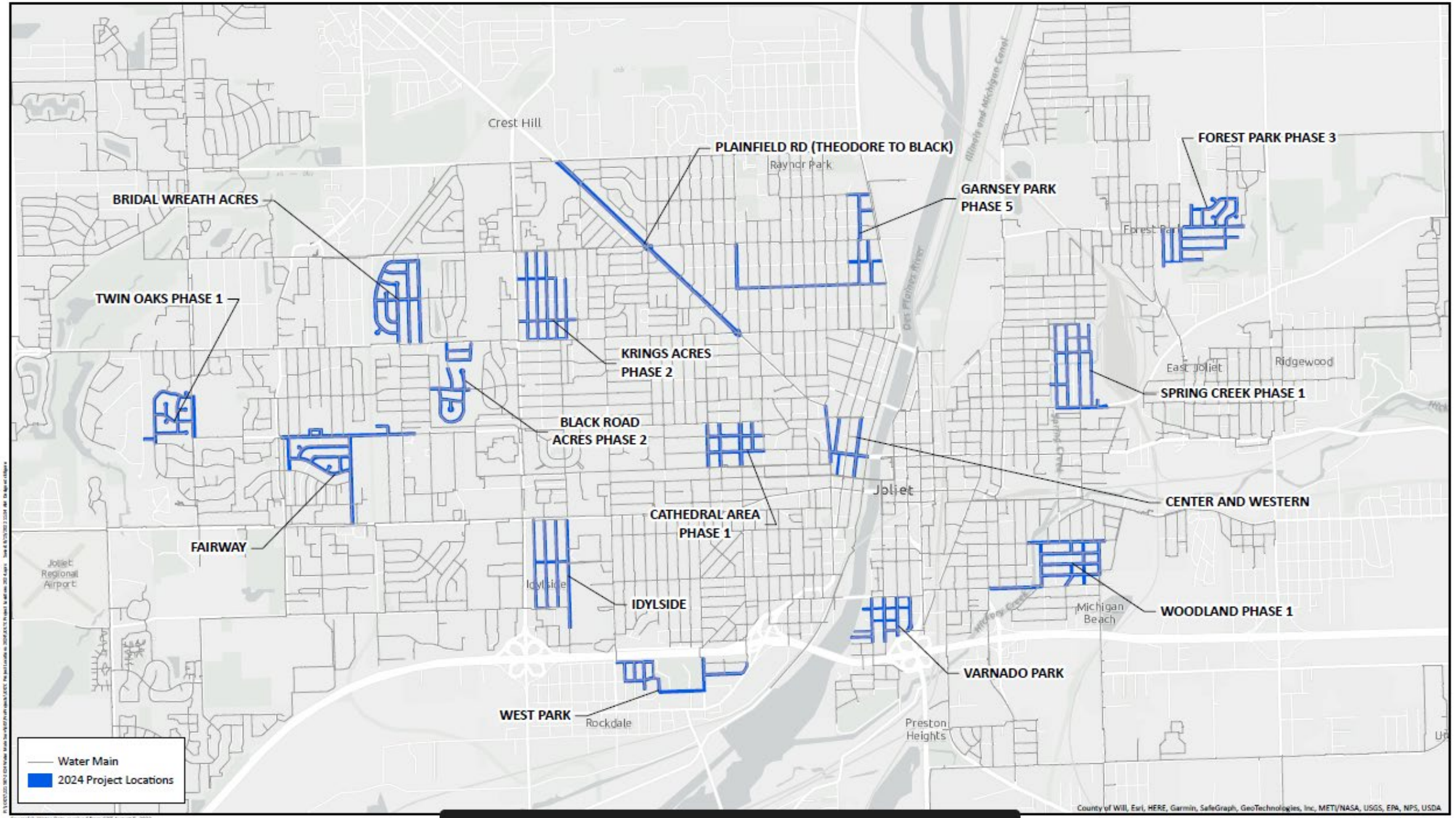
MATERIAL AVAILABILITY

- City issued our own Ductile Iron procurement contract for 2023
- Lead times have improved so the City is not issuing a new procurement contract for 2024
- City adopted PVC
- When to use DI and when to use lead



2024 WATER MAIN IMPROVEMENT AREAS

City of Joliet, Illinois



F.A.Q.s

- Questions?

