



City of Joliet  
**2025 Water Main Improvements**  
**Pre-Bid Conference**

October 30, 2024

# Pre-Bid Conference Overview

## 2025 Program Overview

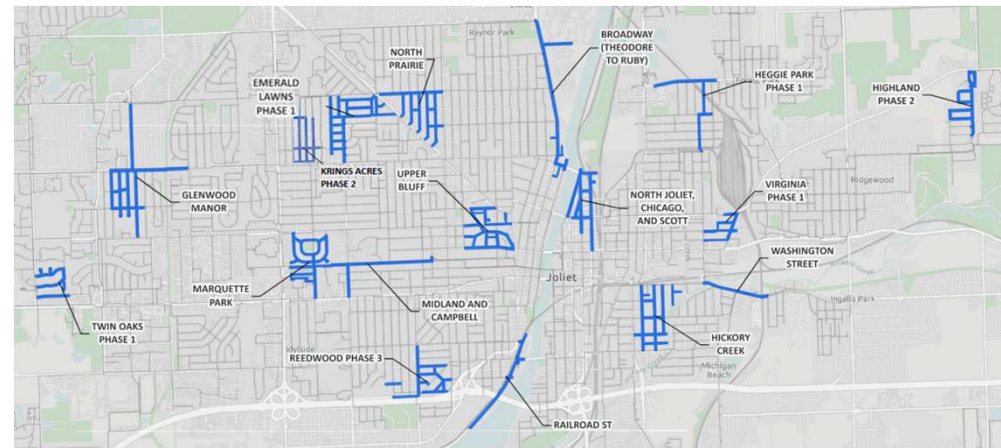
- Bid Groups
- Funding Programs

## Bidding and Contract Requirements

- Specifications and Measurement and Payment Review
- Key Contract Requirements

## Project Review

- Bid Schedules
- Project Details



29 Miles of Water Main

# 2025 Program Overview

## Bid Group 1

- Krings Acres Phase 2B
- Broadway (Theodore to Ruby)
- North Downtown
- Railroad Street

## Bid Group 2

- Emerald Lawns Phase 1
- Glenwood Manor
- Midland and Campbell
- Upper Bluff
- Virginia Phase 1

## Bid Group 3

- Hickory Creek West
- Highland Phase 2
- Marquette Park
- North Prairie
- Reedwood Phase 3
- Twin Oaks Phase 1

## Bid Group 4 (Early 2025)

- Heggie Park Phase 1
- Washington Street

## Funding Programs

- **IEPA State Revolving Fund**
  - 8 Projects
  - Water Main Improvements
  - Lead Service Line Replacement
- **WIFIA Federal Funding**
- **COJ Water & Sewer Funds**

# Bidding Requirements

## City of Joliet

- Prequalification (include with Bid or email to [lschuld@baxterwoodman.com](mailto:lschuld@baxterwoodman.com))
- City of Joliet Procurement Code
- Local Bidder Ordinance does not apply
- City's 10% minority participation
- City of Joliet Affidavits
- Download documents from City website and sign up for RSS feed
- Check City website for addenda

## Federal Funding Requirements

- Advertise for DBEs in daily regional paper
  - One advertisement is acceptable for multiple projects, must meet earliest date
- Provide list of all subcontractors
  - Can use DBE Form #4
- Davis-Bacon or Illinois Prevailing Wage Act, whichever is higher
- Use of American Iron and Steel
- Employment of Illinois Workers on Public Works Act may apply
- Illinois Works Jobs Program Act – Apprenticeship Initiative
- Project sign posted at job site

# Key Contract Requirements

## Specifications and Measure and Payment

- Bid Submittal Checklist for IEPA loan requirements
- Contractor badges required prior to entering homes
- Licensed plumber required for all water services
- Trench backfill tables in M&P
- RJT tables in Standard Details
- Pavement restoration thicknesses in General Notes
- Preconstruction video is incidental to the cost of water main

## Key Notes

- **Pipe material varies by project/location. Some locations require Ductile Iron Pipe, as noted**
- **Sanitary Lateral Secondary Locates**

# Key Contract Requirements

## Work Areas and Liquidated Damages

- Work in multiple Work Areas is allowed but will not extend any Work Area’s completion times
- Deviations to Work Areas must be submitted to the City at the Pre-Construction meeting for approval
- Contract time will commence upon any intrusive work to earth or pavement (sawcutting, milling, excavation, potholing, etc.)

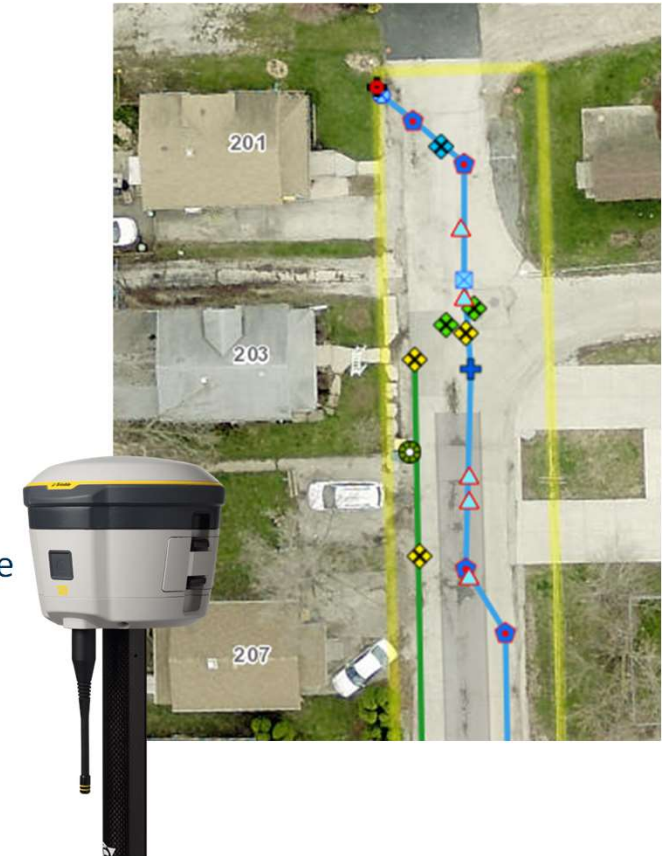
Description of Interim Milestone Liquidated Damages	Dollar Amount
Water Main and Water Service Completion of individual Work Area not completed within specified time	\$500/day
Pavement restoration of individual Work Area not completed within specified time	\$500/day
Unscheduled work occurring without required notice to residents as outlined in Section 33 11 43	\$500/property for each occurrence
Traffic Control Deficiency per MUTCD requirements as specified in 01 50 00	\$1,000/day



# Key Contract Requirements

## Digital Utility Data Collection Requirements

- Survey all exposed or installed water, sanitary, and storm utilities
- **Contractor to provide their own GPS unit or rent from supplier**
- Contractor must provide a smart phone or tablet with 5G connectivity
- City of Joliet will provide one ESRI license per project
- City staff will not provide technical support of the GPS units
- A 2-hour training session will be provided at the start of construction and support up to 4 hours per month
  - The cost for additional support is not included in this project. Contractors are recommended to establish a working relationship with a GPS support consultant to provide as-needed assistance



## Key Contract Requirements

### Road Closure Permit

- Required for road closures that last 20 minutes or more that do not have a detour in place
- **Liquidated damages of \$25,000 per day, per occurrence for unapproved closures**

### Traffic Control and Protection

















- Limited to 5% of sum of all other pay items
- Includes maintaining pedestrian access

### Testing Against Existing Valves

- Contractor can test against existing valves or against a cap; plans indicate locations where existing valves are new



# Key Contract Requirements

 <p><b>NOTICE OF START OF WATER MAIN REPLACEMENT WORK</b></p> <p>As part of the City's water main replacement program, the water main on your street is scheduled to be replaced. This construction is scheduled to start within 7 days.</p> <p>Please visit the City's website for project updates at <a href="http://www.Joliet.gov/ConstructionZone">www.Joliet.gov/ConstructionZone</a></p> <p>Garbage, yard waste, and recycling pickup will not be at 6 am on the scheduled replacement day. PLEASE PLACE YOUR GARBAGE, YARD WASTE, AND RECYCLING NEXT TO THE PAVEMENT BEFORE 6AM. Pick-up will resume at the normal time when the project has been completed.</p> <p>Smart Message Community Alerts Smart Messages provide residents with alerts from the City of Joliet. Information includes notices of water main breaks, water main work updates, and bus orders. Sign up at <a href="http://www.joliet.gov/smartmessage">www.joliet.gov/smartmessage</a></p> <p>City of Joliet Department of Public Utilities 815-724-4220</p> 	 <p><b>NOTICE OF TEMPORARY WATER OUTAGE</b></p> <p>As part of the City's water main replacement program, water to your property will be off for water main replacement work at the below date and times.</p> <p>Please visit the City's website for project updates at <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>City of Joliet Department of Public Utilities 815-724-4220</p> <p>Date: _____</p> <p>From: _____ AM / PM</p> <p>To: _____ AM / PM</p> 	 <p><b>NOTICE OF WATER SERVICE REPLACEMENT</b></p> <p>As part of the City's water main replacement program, water service to your property will be affected on the below date. The water outage will usually last less than one hour. You may experience air buildup within your water lines. It is recommended to run water for five minutes to remove any air buildup.</p> <p>Please visit the City's website for project updates at <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>City of Joliet Public Utilities Department 815-724-4220</p> <p>Date: _____</p> 	 <p><b>LANDSCAPE RESTORATION UPDATE</b></p> <p>The City's water main replacement work adjacent to your address has been completed. The landscape restoration work will usually be completed when the weather is conducive for grass to be planted.</p> <p>Please visit the City's website for project updates at <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>City of Joliet Public Utilities Department - 815-724-4220</p> <p>Landscape restoration work is scheduled to begin on</p> <p>Date: _____</p> 
 <p><b>AVISO DE INICIO DE TRABAJOS DE REEMPLAZO DE TUBERIA PRINCIPAL DE AGUA</b></p> <p>Como parte de la tubería principal de agua de la ciudad programa de reemplazo, el agua principal en su calle está programado para ser reemplazada. Esta construcción está prevista para comenzar dentro de 7 días.</p> <p>Visite el sitio web de la ciudad para actualizaciones del proyecto en <a href="http://www.Joliet.gov/ConstructionZone">www.Joliet.gov/ConstructionZone</a></p> <p>La recolección de la basura, los desechos de jardín y el reciclaje será a las 6 am. POR FAVOR DE DEJAR SU GARBAGE, LOS RESIDUOS DE JARDIN Y RECOLEJE EN EL LADO DE PAVIMENTO ANTES DE LAS 6 AM. La recolección se reanuda en el horario normal después que el proyecto está completo.</p> <p>Mensajes inteligentes a la comunidad Los mensajes inteligentes ofrecen a los residentes alertas de la Ciudad de Joliet. La información incluye avisos de tubería de suministro o cambios de hora de agua. Regístrese en <a href="http://www.joliet.gov/smartmessage">www.joliet.gov/smartmessage</a></p> <p>Departamento de Servicios Públicos de la Ciudad de Joliet 815-724-4220</p> 	 <p><b>AVISO DE CORTE TEMPORAL DE AGUA</b></p> <p>Como parte del programa de Reemplazo de la tubería principal de agua de la Ciudad, se cortará el suministro de agua a su propiedad debido al trabajo de reemplazo de la tubería principal. Vea el otro lado para la fecha y hora.</p> <p>Visite el sitio web de la ciudad para actualizaciones del proyecto en <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>Departamento de Servicios Públicos de la Ciudad de Joliet 815-724-4220</p> 	 <p><b>AVISO DE REEMPLAZO DE SERVICIO DE AGUA</b></p> <p>Como parte del programa de reemplazo de tuberías principales de agua de la Ciudad, el servicio de agua de su propiedad se verá afectado en la fecha y continuación. El corte de agua suele durar menos de una hora. Es posible que puede experimentar una acumulación de aire dentro de las líneas de agua. Se recomienda dejar correr el agua durante cinco minutos para eliminar cualquier acumulación de aire.</p> <p>Visite el sitio web de la ciudad para actualizaciones del proyecto en <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>Departamento de Servicios Públicos de la Ciudad de Joliet 815-724-4220</p> 	 <p><b>ACTUALIZACIÓN DE RESTAURACIÓN DEL PAISAJE</b></p> <p>Se ha completado el trabajo de reemplazo de la tubería principal de agua de la ciudad adyacente a su dirección. El trabajo de restauración del paisaje, se completará cuando el clima sea propicio para plantar césped.</p> <p>Visite el sitio web de la ciudad para actualizaciones del proyecto en <a href="http://Joliet.gov/Construction-Zone">Joliet.gov/Construction-Zone</a></p> <p>Departamento de Servicios Públicos de la Ciudad de Joliet 815-724-4220</p> <p>Vea la fecha si otro lado cuando el trabajo de restauración del paisaje está programado para comenzar.</p> 

## Resident Notifications

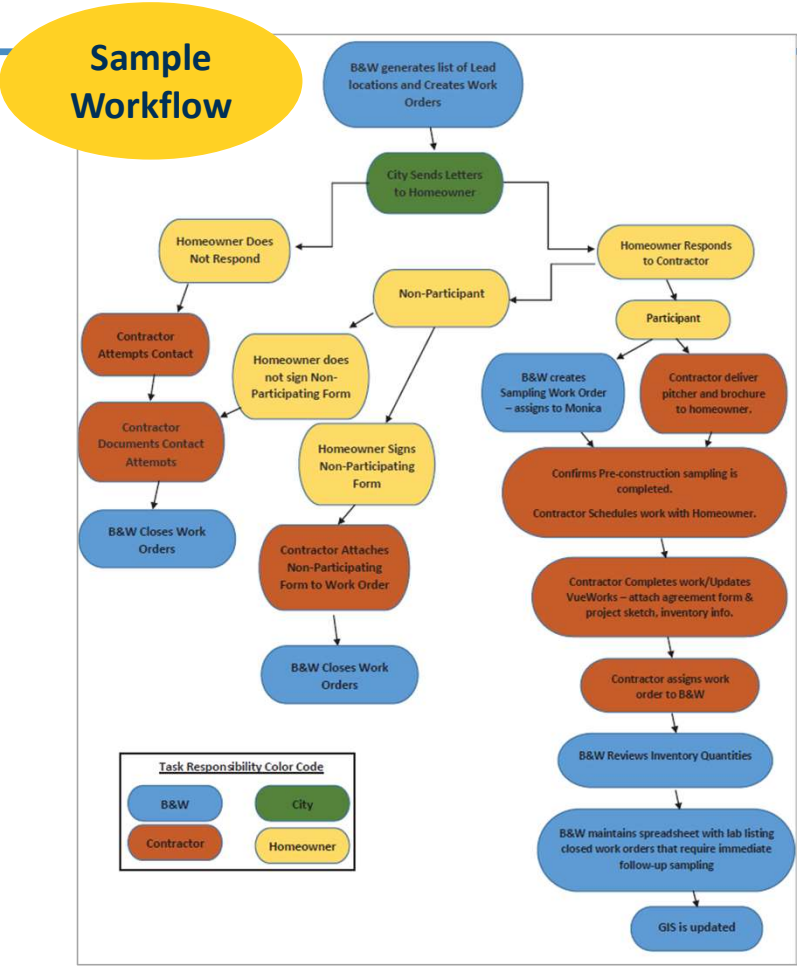
- Start of Water Main Work
- Temporary Water Outage
- Water Service Replacement
- Landscape Restoration

# Key Contract Requirements

## Lead Service Line Workflow

- Project Management Pay Item
  - Participant: 3 hours
  - Non-participant (known lead): 1 hour
- Sample Workflow and Forms in Project Manual
- Notification/Replacement Timeline
  - Comply with IEPA and IDPH Requirements
  - For Known/Suspected Lead:
    - City to notify of project minimum 45 days, additional attempts required if no response
    - Pre-construction sampling
    - Notify 14 days prior to LSL replacement
  - For Lead Discovered During Construction, notify City immediately

**Lead Services Expected in 13 Projects**

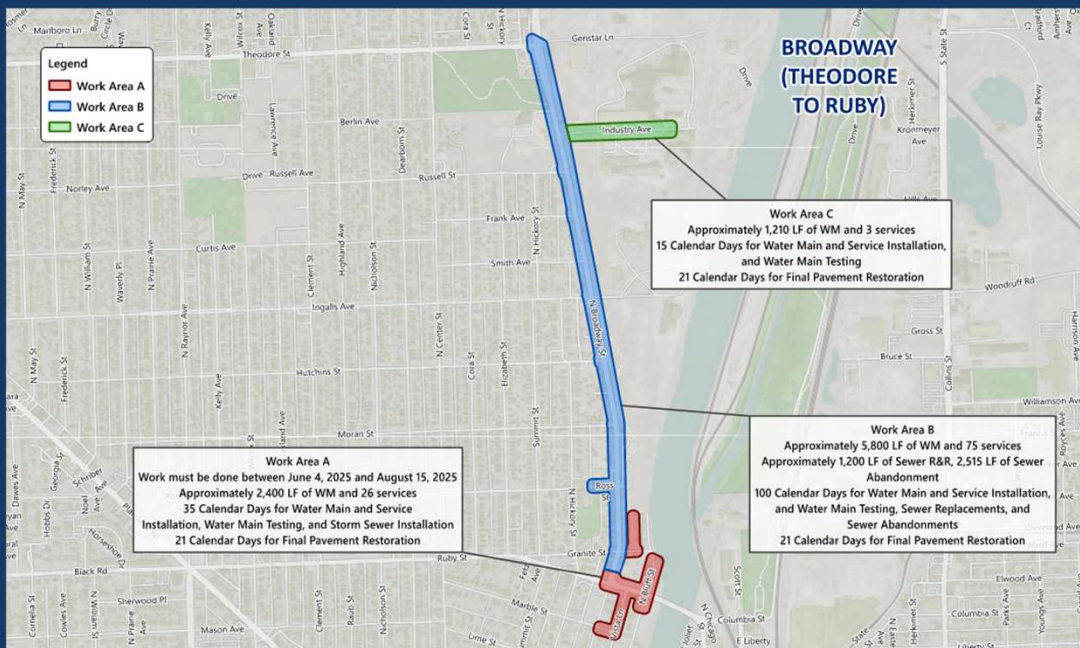


## Project Review – Bid Group 1

Project	Last Day for DBE Ads	Last Day for Questions	Bid Opening	
Broadway (Theodore to Ruby)	11/2/2024	11/11/2024	11/18/2024	10:00 AM
North Downtown	11/3/2024	11/11/2024	11/19/2024	10:00 AM
Railroad St	11/3/2024	11/11/2024	11/19/2024	2:00 PM
Krings Acres Phase 2B	11/4/2024	11/11/2024	11/20/2024	2:00 PM

# Project Review – Bid Group 1

## Broadway (Theodore to Ruby)



10,300 feet of 6" – 12" DI

Estimated Notice to Proceed: 4/1/25

Substantial Completion: 150 days

Final Completion: 180 days

Expected Lead Service Lines

Soil boring logs included in appendices.  
LPC 663 to be signed

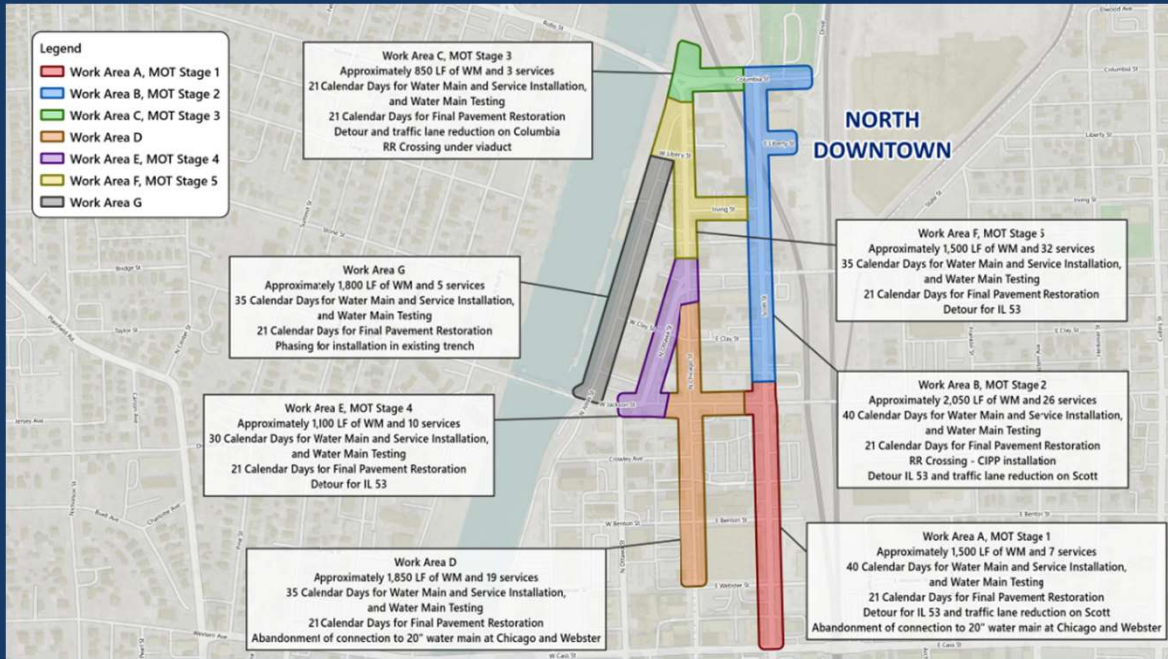
Work within IDOT ROW. Detour required; Bond amount: \$1M

Storm sewer extension and sanitary abandonment

Easement coordination with church

# Project Review – Bid Group 1

## North Downtown



10,600 feet of 6" – 12" DI  
 - Includes 320 feet of 10" CIPP

Estimated Notice to Proceed: 4/1/25

Substantial Completion: 210 days

Final Completion: 240 days

Expected Lead Service Lines

Soil boring logs included in appendices.  
 LPC 663 to be signed

Work within IDOT ROW. Detour  
 required; Bond amount: \$1M

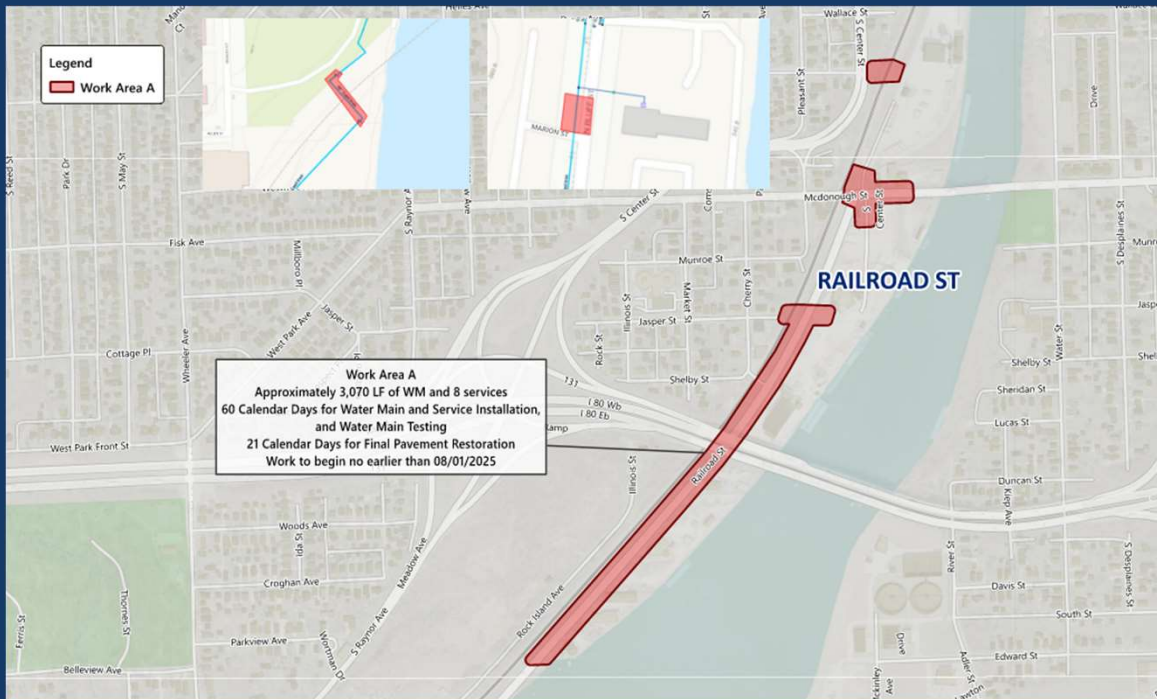
Two railroad viaduct crossings

Pedestrian MOT plan required



# Project Review – Bid Group 1

## Railroad Street



3,100 feet of 6” – 12” DI

Estimated Notice to Proceed: 8/1/25

Substantial Completion: 60 days

Final Completion: 90 days

Expected Lead Service Lines

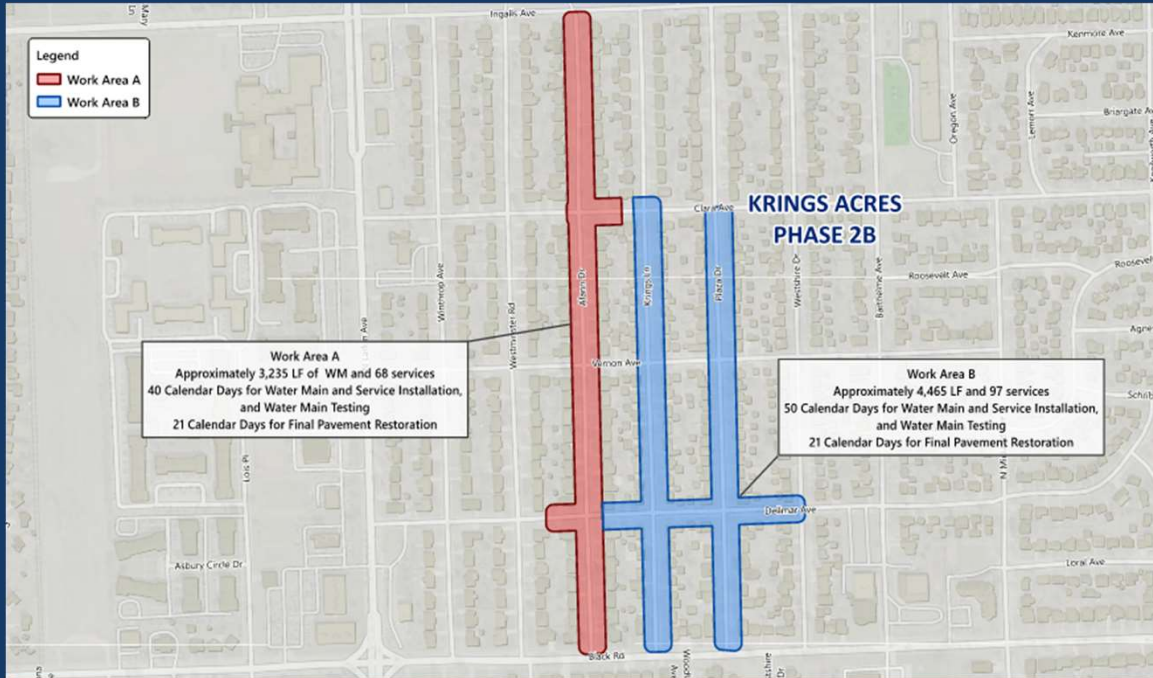
Soil boring logs included in appendices.  
LPC 663 to be signed

Work within IDOT ROW. Detour required; Bond amount: \$200,000

One railroad crossing; abandonment required at second crossing

# Project Review – Bid Group 1

## Krings Acres Phase 2B



7,700 feet of 8", DI or PVC

Estimated Notice to Proceed: 4/1/25

Substantial Completion: 90 days

Final Completion: 120 days

City will complete pH testing and sign LPC-662

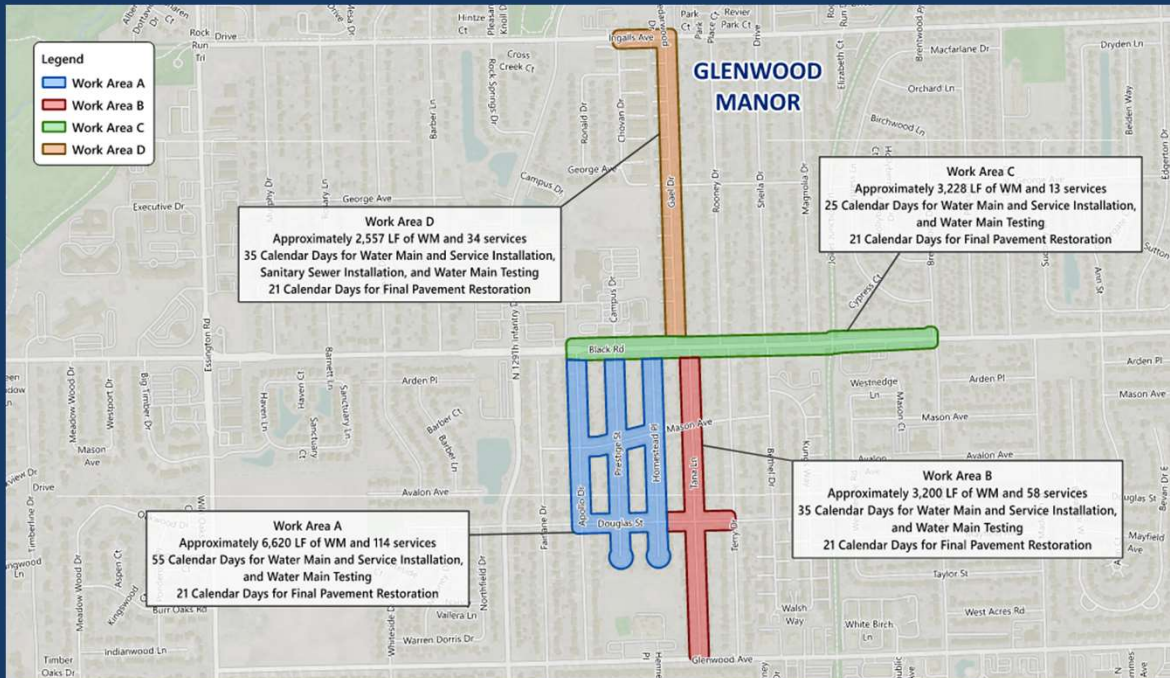
## Project Review – Bid Group 2

Project	Last Day for DBE Ads	Last Day for Questions	Bid Opening	
Glenwood Manor	11/17/2024	11/26/2024	12/3/2024	10:00 AM
Upper Bluff	11/17/2024	11/26/2024	12/3/2024	2:00 PM
Midland and Campbell	11/18/2024	11/26/2024	12/4/2024	10:00 AM
Emerald Lawns Phase 1	11/19/2024	11/26/2024	12/5/2024	10:00 AM
Virginia Phase 1	11/19/2024	11/26/2024	12/5/2024	2:00 PM



# Project Review – Bid Group 2

## Glenwood Manor



15,900 feet of 6" – 12", DI or PVC

Estimated Notice to Proceed: 3/15/25

Substantial Completion: 150 days

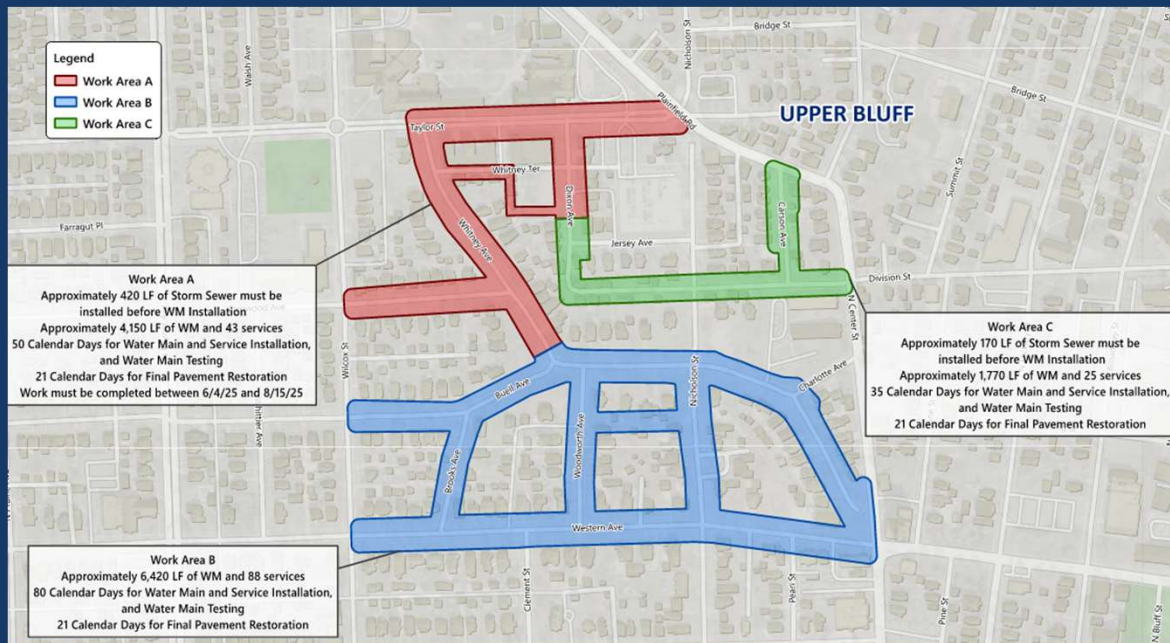
Final Completion: 180 days

Local detour required

City will complete pH testing and sign LPC-662

# Project Review – Bid Group 2

## Upper Bluff



12,300 feet of 6” – 12”, DI or PVC  
- Includes 1,000 feet of 8” via HDD

Estimated Notice to Proceed: 6/1/25

Substantial Completion: 180 days

Final Completion: 210 days

Expected Lead Service Lines

Soil boring logs included in appendices. LPC 663 to be signed

Work within IDOT ROW. No detour required; Bond amount not yet determined

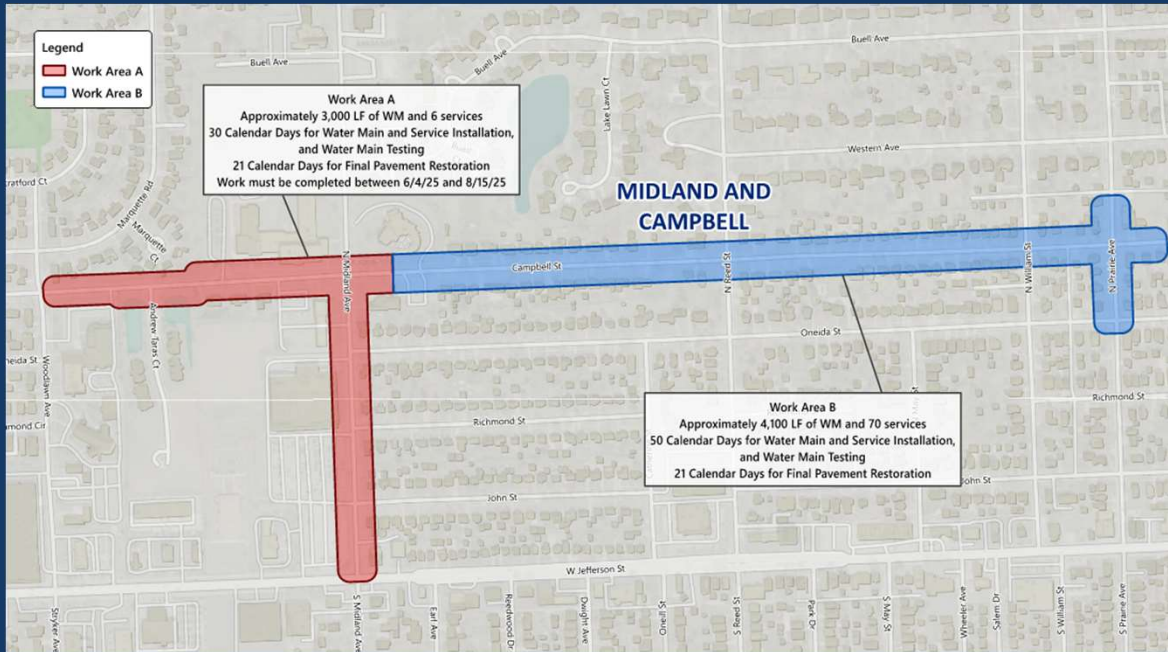
Coordinate sequencing with university

Storm sewer extension and tunnel abandonment

Rear yard service abandonments

# Project Review – Bid Group 2

## Midland and Campbell



6,700 feet of 8" – 16", DI or PVC

Estimated Notice to Proceed: 7/1/25

Substantial Completion: 90 days

Final Completion: 120 days

Expected Lead Service Lines

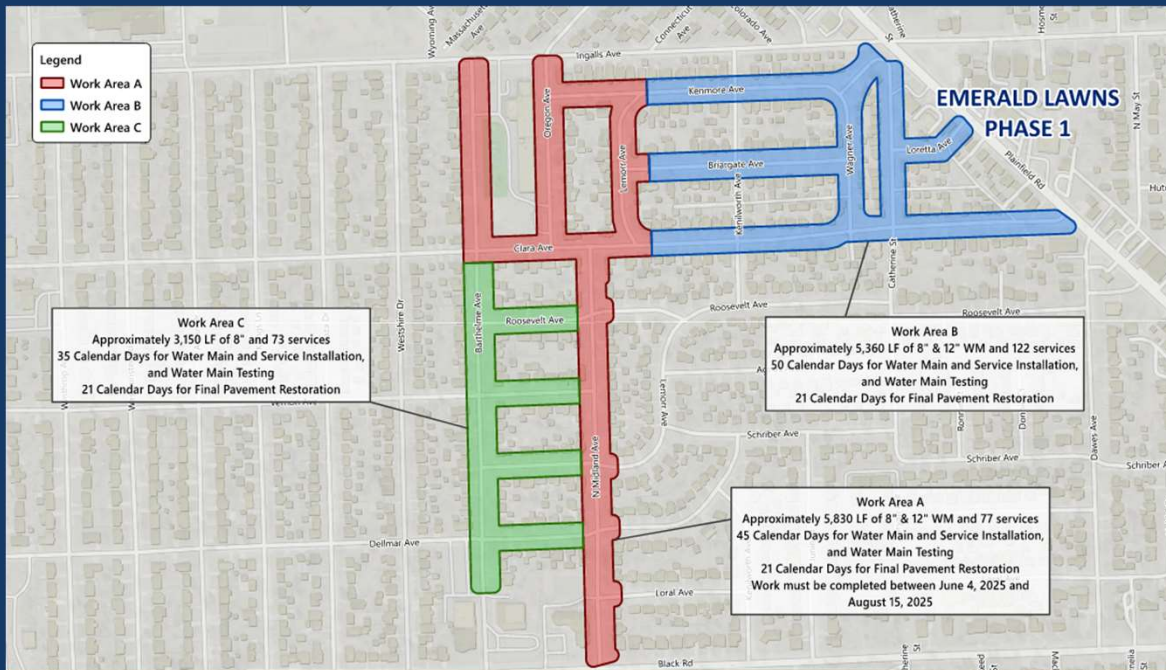
Coordinate connection near pump station with City operations staff

Coordinate sequencing with school



# Project Review – Bid Group 2

## Emerald Lawns Phase 1



15,100 feet of 6" – 12", DI or PVC

Estimated Notice to Proceed: 5/1/25

Substantial Completion: 150 days

Final Completion: 180 days

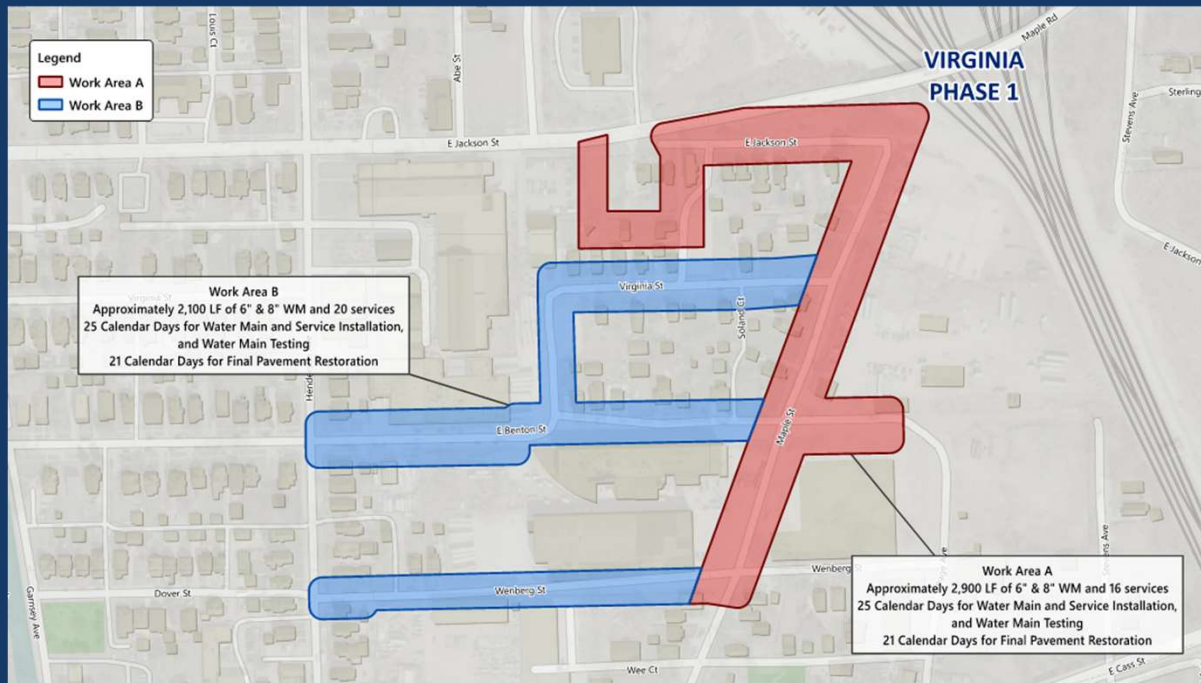
Expected Lead Service Lines

City will complete pH testing and sign LPC-662

Coordinate sequencing with school

# Project Review – Bid Group 2

## Virginia Phase 1



5,200 feet of 6" – 8", DI or PVC

Estimated Notice to Proceed: 3/15/25

Substantial Completion: 50 days

Final Completion: 80 days

Expected Lead Service Lines

Soil boring logs included in appendices.  
LPC 663 to be signed

Work within IDOT ROW. No detour required; Bond amount not yet determined

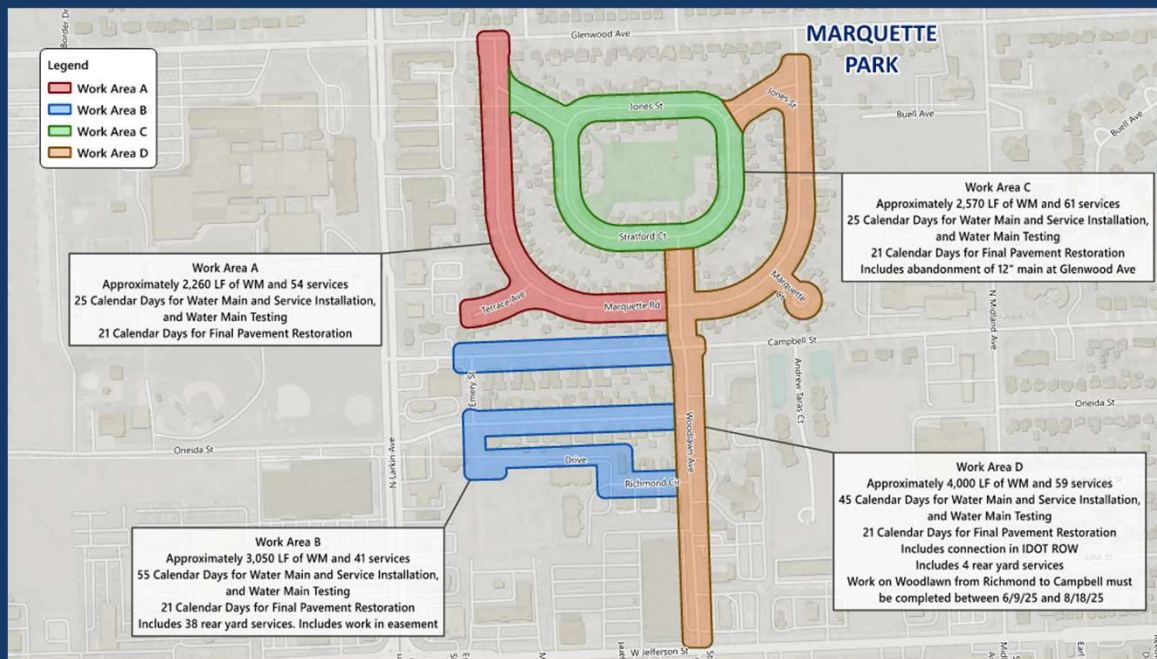
Work in easement for alleyway main

## Project Review – Bid Group 3

Project	Last Day for DBE Ads	Last Day for Questions	Bid Opening	
Marquette Park	11/23/2024	12/2/2024	12/9/2024	10:00AM
Hickory Creek West	11/23/2024	12/2/2024	12/9/2024	2:00PM
North Prairie	11/24/2024	12/2/2024	12/10/2024	10:00AM
Reedwood Phase 3	11/24/2024	12/2/2024	12/10/2024	2:00PM
Twin Oaks Phase 1	11/25/2024	12/2/2024	12/11/2024	10:00AM
Highland Phase 2	11/25/2024	12/2/2024	12/11/2024	2:00PM

# Project Review – Bid Group 3

## Marquette Park



11,100 feet of 6" – 16", DI or PVC

Estimated Notice to Proceed: 5/1/25

Substantial Completion: 150 days

Final Completion: 180 days

Expected Lead Service Lines

City will complete pH testing and sign LPC-662

Work within IDOT ROW. No detour required; Bond amount not yet determined

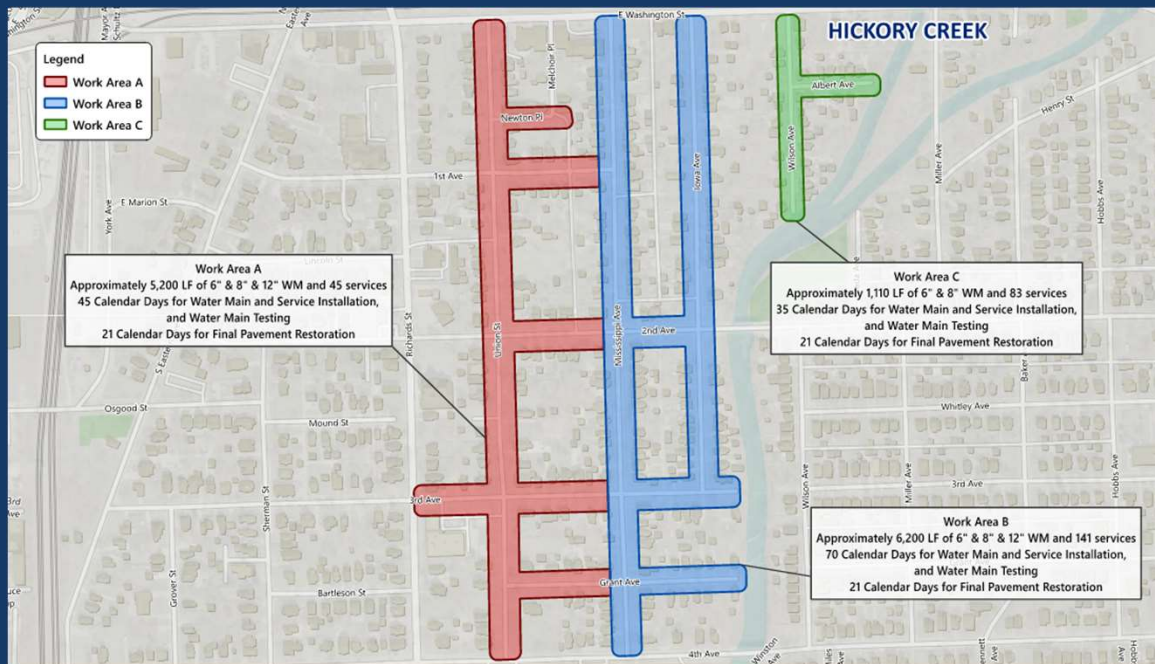
Rear yard service abandonments in easement

Coordinate sequencing with school



# Project Review – Bid Group 3

## Hickory Creek West



12,800 feet of 6" – 12", DI or PVC  
- Includes 800 feet of 8" via HDD

Estimated Notice to Proceed: 5/1/25

Substantial Completion: 150 days

Final Completion: 180 days

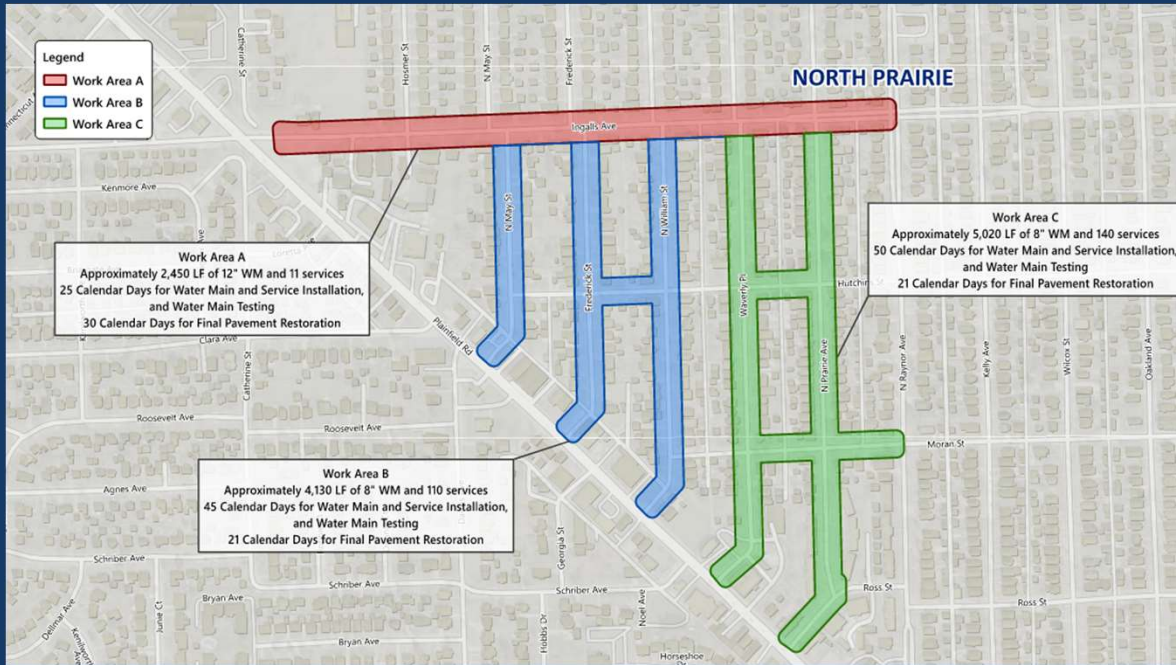
Expected Lead Service Lines

Soil boring logs included in appendices.  
LPC 663 to be signed



# Project Review – Bid Group 3

## North Prairie



12,000 feet of 6" – 12", DI or PVC

Estimated Notice to Proceed: 6/1/25

Substantial Completion: 120 days

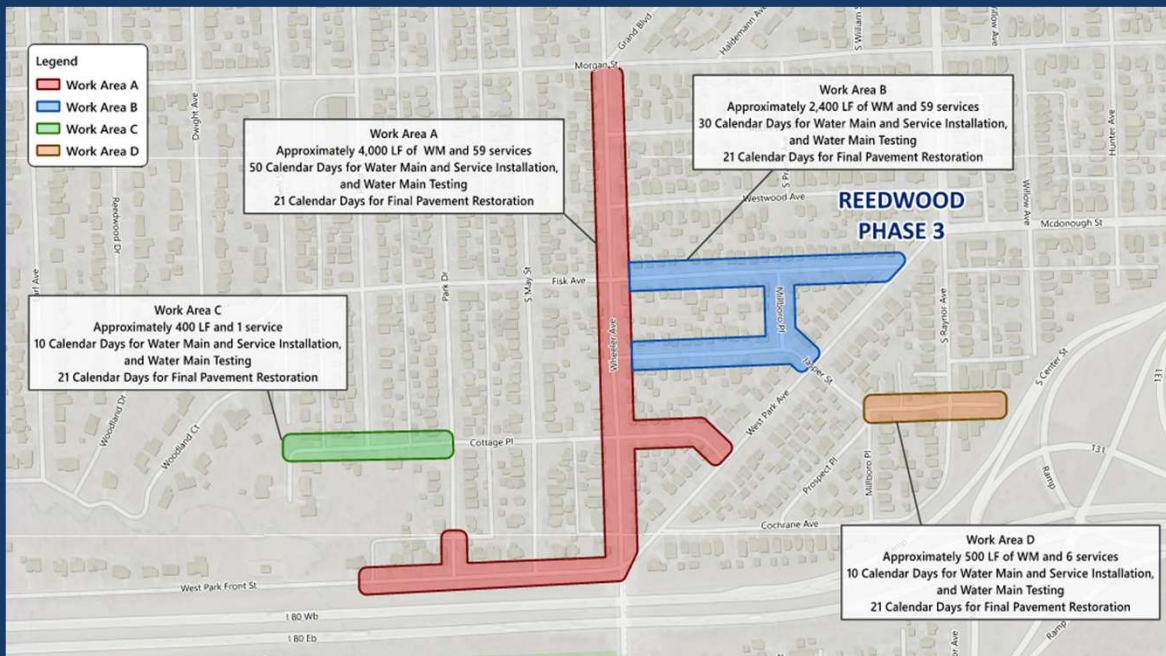
Final Completion: 150 days

Expected Lead Service Lines

City will complete pH testing and sign LPC-662

# Project Review – Bid Group 3

## Reedwood Phase 3



7,200 feet of 6” – 16”, DI or PVC

Estimated Notice to Proceed: 4/1/25

Substantial Completion: 120 days

Final Completion: 150 days

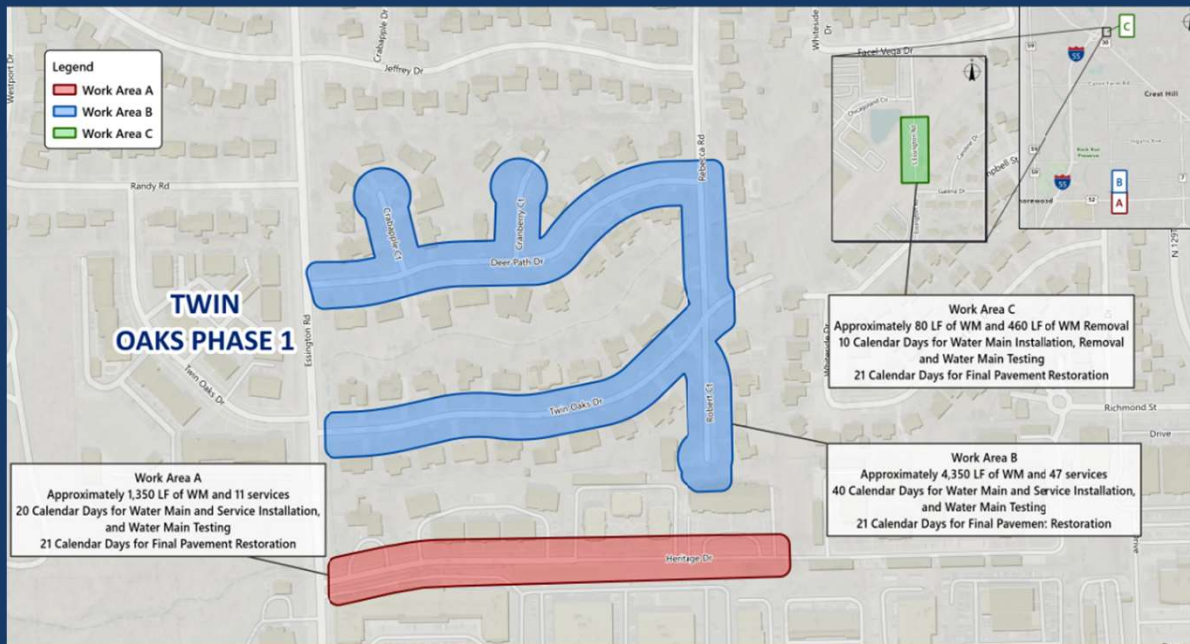
Expected Lead Service Lines

City will complete pH testing and sign LPC-662

Rear yard service abandonments

# Project Review – Bid Group 3

## Twin Oaks Phase 1



5,300 feet of 6" – 8", DI or PVC  
- Includes 200 feet of 8" HDPE via HDD

Estimated Notice to Proceed: 3/15/25

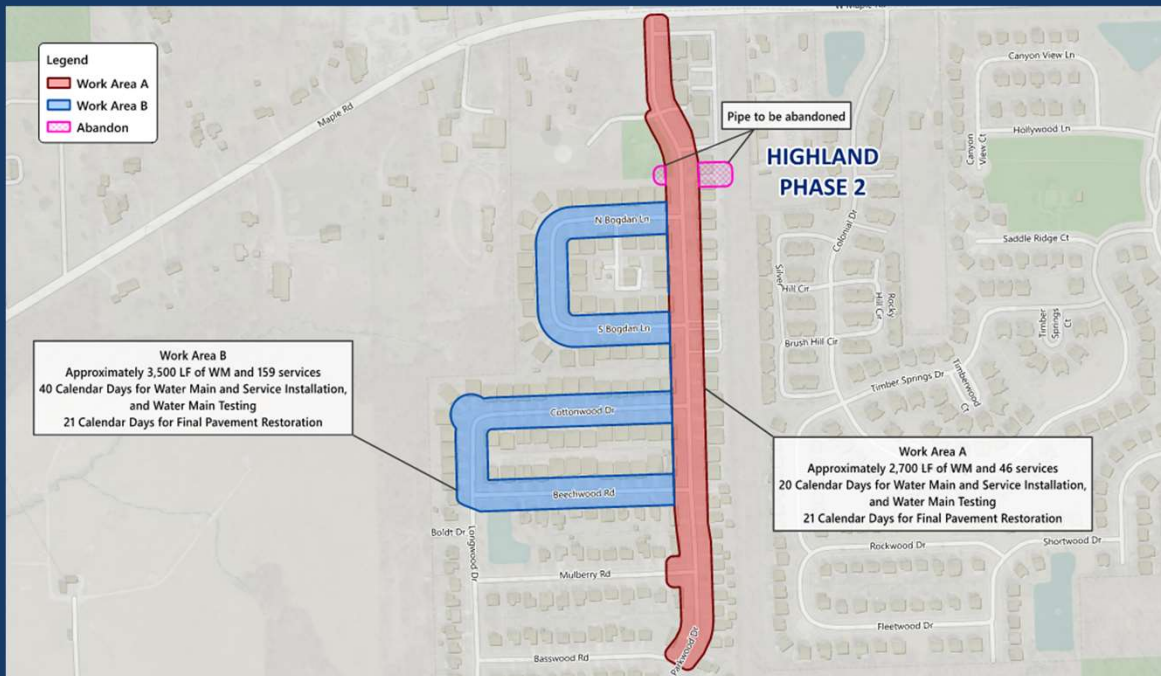
Substantial Completion: 70 days

Final Completion: 100 days

City will complete pH testing and sign LPC-662

# Project Review – Bid Group 3

## Highland Phase 2



6,400 feet of 8” – 12”, DI or PVC

Estimated Notice to Proceed: 7/1/25

Substantial Completion: 60 days

Final Completion: 90 days

City will complete pH testing and sign LPC-662

Work within IDOT ROW. No detour required; Bond amount not yet determined

Coordinate connection near elevated tank with City operations staff

# Bidding Requirements

## Important Dates

	Bid Group 1	Bid Group 2	Bid Group 3
Last Day for DBE Ads	November 2-4	November 17-19	November 23-25
Last Day for Questions	November 11	November 26	December 2
Bid Openings	November 18-20	December 3-5	December 9-11

**One advertisement is acceptable for multiple projects,  
must meet earliest date**



## Bid Group 4

### Heggie Park Phase 1

- Approximately 8,000 feet of 8" – 20"
- Complexities
  - Three railroad crossings
  - Coordinate connection at WTP with City operations staff
  - Local detours required

### Washington Street

- Approximately 3,800 feet of 8" – 20"
- Complexities
  - One railroad crossing
  - Coordinate connection near pump station with City operations staff
  - Local detour required

### Tentative Timeline

- **Advertise for Bids: Late January**
- **Bid Opening: Late February**
- **Award: Early March**
- **NTP: April**

## Q&A



**Please sign attendance  
sheet**

**Contact information in  
Advertisement for Bids and  
Bidder Instructions**