LEAD WATER SERVICE LINE PROGRAM – YEAR 2 IMPROVEMENTS (2023)
OVERVIEW

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- Scope of Work
- Project Locations
- Project Funding
- Tentative Schedule

- Methods of Construction
- Restoration Responsibilities
- Temporary Construction Easement Waiver
- Homeowner Coordination
- Ownership of the Water Service
- Q&A
PANELISTS

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City of Elgin

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City of Elgin

Timo Bello
City of Elgin

Kristen Meehan, PE
Engineering Enterprises, Inc.
The City’s goal is to replace approximately 850 lead service lines in 2023.

- Funded by the City using IEPA or American Rescue Plan Act (ARPA) funds; no cost to homeowner.

Average cost of full lead water service replacement = $13,000
- Full service line replacement from water main to water meter

Avg Cost of Replacement = $13,000
- Grove Ave. – Seneca to Slade
- Brook St. – Ann to Jefferson
- Douglas Ave. – Ann to Jefferson
- Spring St. – Ann to Jefferson
- Center St. – Ann to Jefferson
- Prospect Blvd. – Cherry to Jefferson
- St. John St. – Summit to Jefferson
- Mann Pl. – Plum to Jefferson
- Jefferson Ave. – Grove to Dundee
- Plum St. – Grove to Dundee
- Summit St. – Grove to Dundee
- Seneca St. – Grove to Prospect
- Cherry St. – Brook to Prospect
- Ann St. – Brook to Dundee
PROJECT LOCATIONS

- Jefferson Ave. – Dundee to Liberty
- Enterprise St. – Dundee to Liberty
- Summit St. – Dundee to Liberty
- Freemont St. – Gifford to Liberty
- Hickory Pl. – Gifford to Liberty
- Ann St. – Dundee to Liberty
- Franklin Blvd. – Dundee to Gifford
- Franklin Blvd. – Hill to Liberty
- Gifford St. – Franklin to Fremont
- Hill Ave. – Park to Jefferson
- Poplar Ct. – Fremont to Summit
- Porter St. – Hickory to Fremont
- Porter Ct. – Fremont to Summit
- Division St. – Geneva to Rugby
- Gifford St. – Chicago to North
- Walnut Ave. – Ely to State
- National St. – State to Hendee
- Griswold St. – Washburn to Walnut
- Ryerson Ave. – Oak to National
- Hendee St. – Oak to National
- Hendee St. – Riley to Harding
- 502-654 Wellington Ave.
- 272-265 Lessenden Pl.
PROJECT FUNDING

- The City is applying for $4M of IEPA Low Interest Loan with 100% Principal Forgiveness (project is contingent on loan approval) for approximately 300 replacements.

- The City is also allocating $7.1M of ARPA funds for approximately 550 replacements.
TENTATIVE SCHEDULE

▪ Construction Start – Spring 2023
▪ Completion Date – Nov. 2023
METHODS OF CONSTRUCTION

- Directional Drilling
- Lead Extraction
- Open Cut Trench

Method will be determined by the Contractor prior to construction
METHODS OF CONSTRUCTION

Directional Drilling

- Less disturbance
- Specialized work
- Space constraints for drill rig
- More dependent on soil conditions
- Allows for horizontal and vertical relocation of water service
- Weather dependent (cold temperatures)
METHODS OF CONSTRUCTION

Lead Extraction

• Less disturbance

• Service replaced in the exact same horizontal and vertical location as existing

• Not all services can be pulled
METHODS OF CONSTRUCTION

Open Cut Trench

• More disturbance outside of the home
• Less specialized work
• Allows for horizontal and vertical relocation of water service
METHODS OF CONSTRUCTION

- Install new service from main to meter
- Core a hole in wall or floor
- Connect to existing meter (new valves)
- Repair foundation or slab
- Loss of water < 1 day
RESTORATION RESPONSIBILITIES

City

▪ Foundation or Slab Repair (Structural)
▪ Reconnect existing electrical ground if present
▪ Topsoil, Seed, and Blanket (Private Property)
▪ Sod (ROW)
▪ Fence Panels Removed and Reinstalled (existing)
▪ Driveways and Sidewalks

Homeowner

▪ Flooring, drywall, trim, paint, etc.
▪ Water Seeded Yard
▪ Other Landscaping
▪ Reinstall Brick Pavers, Etc.
TEMPORARY CONSTRUCTION EASEMENT WAIVER

- Waiver allows contractor and City to perform work on private property
- Information on the waiver has been mailed to you
- Fill out on-line at Cityofelgin.org/tce
- First come first serve = Free lead service line replacement (Avg. Cost $13,000)
HOMEOWNER COORDINATION

- Homeowners are required to be home when service work is being performed
- Contractor is responsible for scheduling with the property owners
- Flushing guidelines and filters provided by the City
OWNERSHIP OF SERVICES

Public (City) vs. Public (Property Owner)

PRIVATE

PUBLIC

LSLR – YEAR 2 IMPROVEMENTS
STAY INFORMED

▪ Dial 3-1-1 (or 847-931-6001 if outside the City of Elgin)
▪ Email: elgin311@cityofelgin.org
▪ Website: cityofelgin.org/lead
▪ Inquiries in Spanish:
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COMMON QUESTIONS

- Is this mandatory?
  - No

- Will this increase my property taxes?
  - No, if anything it may add value to your property

- Will homeowner be committed to replacing if IEPA funding doesn’t come through?
  - No

- How will I know which method of construction will be used?
  - The contractor will assess each property and determine the best method of construction. The contractor will communicate with the homeowner prior to construction.
QUESTION & ANSWER SESSION
THANK YOU