LEAD WATER SERVICE LINE PROGRAM

YEAR 3 IMPROVEMENTS 2024
PANELISTS

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City of Elgin

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City of Elgin

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City of Elgin

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Engineering Enterprises, Inc.
SCOPE OF WORK

- The City’s goal is to replace approximately 870 lead service lines in 2024.

- The project is funded by the City using Illinois Environmental Protection Agency (IEPA), American Rescue Plan Act (ARPA), or local funds. There is no cost to homeowner.

Average cost of full lead water service replacement = $13,000
WATER SERVICE SCOPE OF WORK

Full-service line replacement from water main to water meter

Avg Cost of Replacement = $13,000
PROJECT FUNDING

- The City is applying for $2M of IEPA Low Interest Loans for approximately 220 replacements.

- The City is also allocating approximately $3.3M of remaining ARPA funds and $9.2M of local funds for approximately 650 replacements.
TENTATIVE SCHEDULE

- Construction start – Spring 2024
- Completion Date – December 2024
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.
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
- Repair foundation or slab (structural)
- Reconnect existing electrical ground (if present).
- Add topsoil, seed, and blanket.
- Remove and reinstall fence panels (existing).
- Repair driveways and sidewalks related to project.

Homeowner
- Manage flooring, drywall, trim, paint, etc.
- Water seeded yard.
- Install and maintain 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 affected dwellings.
- Complete online at cityofelgin.org/tce.
- First-come, first-served = Free lead service line replacement. (Avg. cost = $13,000)

MOST IMPORTANT PART OF THE PROJECT AT THIS TIME.
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.
- If during construction, the service is discovered to be anything other than lead or galvanized, the service will not be replaced (even if a TCE is signed).
HOMEOWNER COORDINATION – WATER MAIN REPLACEMENT

- Some services are being replaced as part of a water main replacement project
- The public side of the service will be replaced. If the homeowner does not wish to have the private side replaced, they will need to sign a waiver.
POST CONSTRUCTION

- If the property owner believes or determines that any repairs to the water or sewer service are necessary as a result of the lead service line replacement, the owner shall notify the City prior to having any repairs done by a third party.
- The City will coordinate any necessary repairs.
- The City will coordinate post-replacement water quality testing starting in October 2024.
OWNERSHIP OF SERVICES

PRIVATE
Property Owner

PUBLIC
City

PROPERTY

INTERNAL PLUMBING
SHUT-OFF VALVE
WATER METER

SERVICE LINE
WATER MAIN

SIDEWALK
STREET

B-BOX
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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CONTACT INFORMATION

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ANSWERS TO FREQUENTLY ASKED QUESTIONS

- Is this mandatory?
  No.

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

- Will the 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, determine the best method of construction, and will communicate with the homeowner prior to construction.
QUESTION AND ANSWER SESSION
THANK YOU!