Lead Service Line Replacement Program

June 20, 2022
Purpose
Illinois Passes Landmark Legislation to Replace Lead Pipes

June 01, 2021 | Jeremy Orr
• Illinois Lead Service Line Replacement & Notification Act—Effective 1/1/2022

• Major Elements
  • Mandatory LSLR
  • Must develop Inventory
  • Must develop Replacement Plan
Regulatory

- **Waukegan Data**

- Assume the City has 8,000 LSLs
- Mandatory replacement rate is 400/year for 20 years
- $4 Million per Year in 2022 dollars

<table>
<thead>
<tr>
<th>No. of LSLs</th>
<th>Annual Rate</th>
<th>Max Duration (yrs)</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,200 or less</td>
<td>7%</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>1,200-5,000</td>
<td>6%</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>5,000-10,000</td>
<td>5%</td>
<td>20</td>
<td>$80,000,000</td>
</tr>
<tr>
<td>10,000 +</td>
<td>3%</td>
<td>34</td>
<td></td>
</tr>
</tbody>
</table>
How to Determine Where You Have Lead Lines

Staff Interviews
How to Determine Where You Have Lead Lines

Meter Photos

Meter
Timestamp: 10/1/2015 1:34:00 PM

Meter
Timestamp: 7/19/2016 1:34:00 PM
How to Determine Where You Have Lead Lines

Experience
Funding

• **American Rescue Plan Act (ARPA- COVID Relief Funding)** - Partial funding for Year 1.

• **Bipartisan Infrastructure Law**
  - **IEPA State Revolving Fund**
  - $50M of forgiveness per year for 2023-2027.
  - Terms TBA June 2023.
  - Currently $4M/Year/Community
  - Full Funding for Years 2 through 6.
## Funding

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Items</th>
<th>Unit</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FULL LEAD WATER SERVICE REPLACEMENT</td>
<td>EACH</td>
<td>400</td>
<td>$7,500.00</td>
<td>$3,000,000.00</td>
</tr>
<tr>
<td>2</td>
<td>PARTIAL LEAD WATER SERVICE REPLACEMENT</td>
<td>EACH</td>
<td>45</td>
<td>$5,500.00</td>
<td>$247,500.00</td>
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<tr>
<td>3</td>
<td>EXPLORATORY EXCAVATION</td>
<td>EACH</td>
<td>65</td>
<td>$500.00</td>
<td>$32,500.00</td>
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<tr>
<td>4</td>
<td>INLET FILTERS</td>
<td>EACH</td>
<td>10</td>
<td>$250.00</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>5</td>
<td>NON-SPECIAL WASTE DISPOSAL</td>
<td>CUYD</td>
<td>45</td>
<td>$78.00</td>
<td>$3,510.00</td>
</tr>
<tr>
<td>6</td>
<td>SANITARY SEWER SERVICE ADJUSTMENT</td>
<td>EACH</td>
<td>10</td>
<td>$1,500.00</td>
<td>$15,000.00</td>
</tr>
</tbody>
</table>

Subtotal: $3,301,010.00
Subtotal Rounded-Up: $3,310,000.00
Contingency (10%): $331,000.00
Design Engineering: $127,000.00
Construction Engineering: $225,000.00

Total Cost: $3,993,000.00
Project Area - Year 1

East Bonnie Brook Ln - Needs Sidewalk (Laurel to Dead End)
Project Area - Year 1

- Berwick Blvd (Ridgeland to Grand)
- N Elmwood (Hyde Park to Grand Ave)
- Hyde Park Ave - Needs Sidewalk (Lewis to Dead End)
- Cornelius Ave (Buttrick to Dead End)
- Hamilton Court (Buttrick to Dead End)
Project Area - Year 1

- Yeoman Street - Needs Sidewalk (Hyde Park to Grand Ave) Including Lydia St
- North Ave (Glen Flora to Julian)
- Franklin St (Jackson to North Ave)
Project Area - Year 1

Glen Flora (McAree to Lewis)

Ash Street (Grand Ave to Ridgeland Ave)

N. Sheridan Rd (Greenwood to Glen Flora)
Project Area - Years 2-6
South Half
How to Determine Where You Have Lead Lines

Survey

Dear Resident of Waukegan,

The Village of Waukegan has been assigned funding from the Federal and State governments to replace the lead water pipes in town. Lead pipes are potentially dangerous to your health. Please help the Village to remove all of these pipes by filling out the survey that can be accessed below. You have a better chance of getting your lead pipe replaced quickly if you fill out the survey.

You can access the survey by opening the camera function on your phone and pointing the phone at the image below, then tapping the internet address that comes up with your finger on the phone screen.
Resident Interaction

Notifications
Resident Interaction

Agreements

PROPERTY
(765 ILCS 77/1) Residential Real Property Disclosure Act.

By checking this box, I am requesting a standard one-inch (1") diameter water service line to be installed as part of the Lead Service Line Replacement Program. I understand that the water service will be installed at the cost of the Village as part of the Lead Service Line Replacement Program.

By checking this box, I am requesting an up-sized, one and one-half inch (1 1/2") diameter water service line. This sized service line is for a future addition to my property. I understand that this request is optional, and at some point in the future, the Village may choose to offer this service line to you. The cost of this service line will be paid for by the customer. Payment for the up-sized water service shall be made prior to the work being performed. The cost will be the difference between the bid price for a one-inch (1") diameter water service line and a one and one-half inch (1 1/2") diameter water service line.

I fully understand what is being offered by the Village of Nicasia in its participation in the service line replacement and transfer opt out NICT program. I agree that I will not participate in this program.

I understand if the United States Environmental Protection Agency (EPA), Illinois Environmental Protection Agency or the Village mandates the service line be removed and replaced, that as per this ordinance, the property owner may be responsible for replacing the service line at the Customer's own costs. I also understand that the Illinois Residential Real Property Disclosure Act requires disclosure of lead services at the time of a home sale.

By:

VCulmer

Date:

03/06/2021

Phone Number:

757-320-1970

Signature:

Volodymyr Mykhaylov

Date:

03/06/2021

Village of Nicasia - Village Hall (630-773-2450)

STAFF:

BY:

Phone Number:

Date:

[Image: Hand holding keys]
Schedule Year 1

Survey Send Out: Late June 2022
Survey Return: Mid July 2022
Informational Notice to Residents in Area: Late July 2022
Advertise and Bid: Mid August 2022
Open Bids: Early September 2022
Construction Starts: Early October 2022
Construction Complete: June 2023
Schedule Year 2-6

Submit Project Plan: June 2022
Survey Send Out: October 2022
Survey Return: November 2022
Complete Design/Loan App: February 2023
Project Plan Approval: March 2023
Funding Designation: June 2023
Advertise and Bid: July 2023
Open Bids: August 2023
Construction Starts: December 2023
Construction Complete: September 2024
Questions?