



Lead Service Line Replacement

Private Side Lead Service Line Replacement Strategies

Erin Duffy, Deputy Public Works Director

Presentation Overview

- Review of Material Service Line Inventory
 - Approximately 8,343 private side service lines will require replacement
- Review of Draft Lead Service Line Replacement Plan
 - Financial Burden of Lead Service Line Replacement
 - Timeline for Lead Service Line Replacement
- Private Side Lead Service Line Replacement Strategies
 - Principal Forgiveness under the Public Water Supply Loan Program
 - Private Side Lead Service Line Replacement Outreach Program
 - Community Development Block Grant
 - Low Interest Loan Program
- Next Steps
 - Explore grant funding opportunities and IEPA financing options with the assistance of the IEPA Financial Assistance Section
 - Quantify impacts to the water & sewer fund for private side lead service line replacement cost share opportunities for low income property owners

Material Service Line Inventory

Full Lead Service Line Replacement= 4,250

Private Side Replacement ONLY= 4,093

Public Side Replacement ONLY= 558

TOTAL= 8,901 (end of 2024)

Two-point Verification under LCRI= 2,845

Draft Lead Service Line Replacement Plan

Financial Burden

Neither the LSLRNA nor the LCRI require the Community Water System to pay for lead service line replacement.

- The total cost of both private and public side lead service line replacement is between \$107.3M and \$135M.
- The total cost of ONLY public side lead service line replacement is between \$26.9M and \$41.8M.
 - Public side replacements are densely located, requiring water main replacement and roadway reconstruction. The total cost for water main replacement, roadway reconstruction, and public side lead service line replacement is approximately \$318.5M.

Draft Lead Service Line Replacement Plan

Timeline

- LSLRNA allowed for 26 total years
 - Includes two eligible extensions
- LCRI allows for 17.9 years
 - Includes the eligible deferred timeline
- Current timeline is approximately 50 years
 - Requires no additional funding but is NOT compliant with either LSLRNA or LCRI

Draft Lead Service Line Replacement Plan

Subsidizing Private Side Lead Service Line Replacement

- Minimum Compliance Model
 - Village meets the federally mandated replacement schedule but does not assume full financial responsibility for the private side unless qualifies for PWSLP principal forgiveness
 - Lead Service Line Replacement Pilot Program (RES 26-202)
- Income-based Hybrid Model
 - Village provides full assistance for low-income qualified households that most likely qualify for PWSLP principal forgiveness and provide capped cost sharing for other properties
- Cost Share Model
 - Village caps the private-side resident contribution and allows repayment through water bill (Skokie-style model)
 - Village caps the private and public side contributions and requires the resident to fund the remainder (River Forest-style model)
- Full Village-funded Model
 - Village funds the public and private-side replacement costs through IEPA loans, grants, and water/sewer revenues

Private Side Lead Service Line Replacement Strategies

Village staff are currently exploring the following strategies for 2027:

- **Public Water Supply Loan Program**
 - Strategically identify smaller project areas within census tracts that qualify for principal forgiveness for lead service line replacement.
- **Private Side Lead Service Line Replacement Outreach**
 - With the assistance of a consultant, conduct outreach of properties that only need to replace the private side of the lead service line.
 - Create a larger project group to incentivize better project pricing on behalf of property owners.
- **Community Development Block Grant**
 - Allocate an predetermined amount to lead service line replacement and cap assistance at \$5,000 per qualifying household.
- **Low Interest Loan Program**
 - Continue implementation of the pilot program for residents impacted by the annual Water and Sewer Improvement Projects.

Next Steps

- Public Water Supply Loan Program pre-application and application process in 2027 for 2028 funding.
- Post RFP for Private Side Lead Service Line Replacement Outreach in 2027.
- Continue to identify qualifying homeowners for LSLR utilizing available CDBG funds.
- Identify and explore additional cost share opportunities for property owners that fall between 80 and 120 percent AMI.

Additional Resources

[Lead Service Line Replacement and Notification Act](#)

[Lead and Copper Rule Improvements](#)

[Public Water Supply Loan Program](#)

[Skokie Lead Service Line Replacement Plan](#)

[River Forest Lead Service Line Replacement Plan](#)

QUESTIONS?