



**LEAD FREE *is the* WAY TO BE!**

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*(Lead Service Line Replacement Project - Example Cover Letter and Application)*

City of Bootheville  
P.O. Box 137  
Bootheville, Minnesota xxxxx  
bootheville@gofast.net

February 6, 2024

Minnesota Department of Health  
DWRP Program  
P.O. Box 64975  
St. Paul, Minnesota 55164-0975

Dear Revolving Fund Coordinator,

Enclosed is the Bootheville proposal to place the lead service line replacement project on the fiscal year 2025 Drinking Water Revolving Fund Project Priority List.

Thank you for your consideration.

Sincerely,

Jean Boothe, Mayor

Enclosures

cc: Janet Meyers, Meyers Planning and Engineering

# Lead Service Line Replacement Application (Example Application-LSL Only)

## Project Priority List

### Project Owner

City of Bootheville

### Project Name

Lead Service Line Replacement

## Contacts

### City Representative

Jack Leech, City Administrator  
City of Bootheville  
P.O. Box 137  
Storm Prairie, MN xxxxx  
507-860-xxxx  
[bootheville@gofast.net](mailto:bootheville@gofast.net)

### Proposal Writer

Janet Meyers  
Meyers Planning & Engineering  
468 Geek Avenue  
Slide Rule, MN xxxxx  
320-439-xxxx  
[j.meyers@for.hire.org](mailto:j.meyers@for.hire.org)

## Community Statistics & Population

Bootheville is located in Buffalo County, Minnesota. Incorporated in 1869, the economy was based on agriculture and light industry. A recent distribution center has added 40 new full time jobs. The company is expecting to double the number of employees in the next five years.

Current Population: 1283  
Current Households: 513  
Projected 2030 Population: 1345  
2022 Median Household Income: \$38,472

## System description

### General

The public water system consists of two municipal wells, an iron & manganese filtration plant, one elevated storage tank, and a distribution system that serves all developed properties within the corporate city limits. The average water use in 2022 was 240,050 gpd, and the maximum water use was 552,114 gpd. Many of the water service lines in the older part of town are lead. All service connections are metered.

## Distribution

The community is served by cast and ductile iron watermain. Most lines are four, six, and eight inches in diameter. The cast iron lines are primarily in the Main Street area and were installed in the early 1930's. The ductile iron watermain, which was installed in the 1970's is located throughout the rest of town. As a result of the recently completed service line inventory, a total of 50 services were found that need to be replaced (lead and galvanized requiring replacement). The ownership of the service lines is split between the city and homeowner. The city owns from the main to the curb stop and the homeowner is responsible from the curb stop to the house.

## Need for Improvements

### Lead Service Lines

As mentioned above, the city completed its service line inventory and previously submitted the information to MDH. A total of 50 services were determined to need replacement. 35 of the services are lead service lines. 15 of the services are galvanized requiring replacement. The entire service line needs to be replaced for each service.

## Alternatives

The city would like to list the lead service line replacement project on the Project Priority List at this time.

### Lead Service Line Replacement

1. **Replace Lead Service Lines** – Fully replace the 50 service lines in the city. Estimated cost - \$625,000
2. **Continue City's Standard Practice** – Continue to optimize corrosion control treatment while encouraging residents to replace their portion of the lead service. The city will replace the city portion if the resident chooses to replace their portion of the service line.

## Prioritization Plan

This project will replace all lead service lines/galvanized requiring replacement in the city. The public health of our residents is a priority and all services need to be replaced as soon as possible. Contractor resources are available to complete all replacements in one construction season.

## Alternative Selected

The city has selected the option of replacing all required services at this time. This is scheduled for construction in 2025.

## Address List

The following service line addresses are proposed to be replaced during this project:

Addresses	
101 Rico Road	829 Tipper Trail
104 Rico Road	831 Tipper Trail
109 Rico Road	932 Lucy Lane
113 Rico Road	935 Lucy Lane
207 Willow Way	939 Lucy Lane
211 Willow Way	1001 Ricky Road
218 Willow Way	1008 Ricky Road
219 Willow Way	1012 Ricky Road
335 Sally Street	1119 Kona Street
367 Sally Street	1126 Kona Street
379 Sally Street	1134 Kona Street
385 Sally Street	1241 Dora Drive
418 Finn Way	1252 Dora Drive
420 Finn Way	1263 Dora Drive
438 Finn Way	1345 Northern Pike
558 Remi Road	1351 Northern Pike
562 Remi Road	1362 Northern Pike
581 Remi Road	1687 Walleye Way
619 Lupe Lane	1721 Walleye Way
662 Lupe Lane	1892 Walleye Way
669 Lupe Lane	194 Maple Street
745 Bella Boulevard	196 Maple Street
752 Bella Boulevard	203 Maple Street
758 Bella Boulevard	211 Maple Street
824 Tipper Trail	217 Maple Street

## Cost Summary

### Lead Service Line Replacement - \$625,000

Description	Cost
Replace 50 service lines @ \$10,000 each	\$500,000
Engineering & Admin (15%)	\$ 75,000
Contingency (10%)	\$ 50,000
Total	\$625,000

## Project Schedule

### **Lead Service Line Replacement**

Engineering Plans and Specifications: February 2025

Bid Project: April 2025

Award Contract: May 2025

Begin Construction: June 2025

Substantial Completion: August 2025

Final Completion: September 2025

## Water Supply Plan

A plan was submitted to the Minnesota Department of Natural Resources in January 2018. It was reviewed, revisions were made, and the plan was approved in August 2019.

## Miscellaneous

Maps of the project area is included. Properties with proposed service line replacement are noted on the map.

## Main Street Project Area

Pink represents properties for service line replacement.

