

LEAD SERVICE LINE REPLACEMENT

Note: LSL = lead service line, LSLR = lead service line replacement

TO REPLACE A LSL CALL A LICENSED PLUMBER

If you discover that you have a LSL and would like to replace it, first notify the City of East Moline Maintenance Services department at 309-752-1573. There are actions the City must take when LSLs are replaced. You may then call a licensed plumber. To find out if the plumber you have selected is licensed, call the City of East Moline Inspections department at 309-752-1512.

COST & PAYING FOR LSLR



The cost of LSLR varies and is based on factors such as type of material, length, depth and diameter of service line, soil characteristics, obstacles to replacement, etc. Per City Ordinance, service lines are wholly owned by the home or building owner. Therefore, the home or building owner is responsible for paying for the LSLR. The City is exploring grant opportunities that may assist homeowners and will update this section if and when more information becomes available.

WHAT TO EXPECT DURING LSLR

There are a few ways LSLs can be replaced, some are more invasive than others. You can expect heavy machinery to be used, holes to be dug in your yard and/or boulevard, and your water to be off until the replacement is complete. The technique used for LSLR will affect the time your water is off, speed of replacement, disruption to traffic and environmental nuisance.



LEAD SERVICE LINE REPLACEMENT

METHODS FOR REPLACING LSLs

OPEN TRENCH

Requires digging a trench to break the surface materials and soil along the entire length of the pipe.

- type of material, soil affect plausibility and pricing
- pipe condition does not matter
- high customer impact such as traffic and noise
- reliable, but slow and costly



EXISTING ROUTE



Using machines and access pits, the old lead pipe is replaced while simultaneously placing a new pipe.

- soil type may prevent using this method
- pipe condition does matter
- moderate customer impacts
- less disruptive and more common, but more risky

NEW ROUTE

Old lead pipe is left in the ground and new lead pipe is installed along a new route using a trenchless method.

- soil type & utilities may prevent using this method
- pipe condition does not matter
- moderate customer impacts
- less disruptive, but less commonly used



LEAD SERVICE LINE REPLACEMENT

AFTER YOUR LSL IS REPLACED

FLUSH HOUSEHOLD PLUMBING

Remove aerators from all sink faucets, laundry tubs, utility sinks, etc.

Turn on all faucets, beginning with the lowest level of your house, and run the COLD water for at least 30 minutes prior to using the water for drinking or cooking. After 30 minutes, turn faucets off in reverse order, starting with the highest level of your house. Repeat this flushing every two weeks for 3 months after your lead service line is replaced.

Clean aerators before placing them back on faucets by soaking them in vinegar for 5 minutes, or if they are too worn, replace them with new ones.

For 30 days following LSLR, if water has not been used for at least 6 hours, flush the COLD water faucets for 3-5 minutes.



HAVE YOUR WATER TESTED

Approximately three to six months after your LSL is replaced, your water must be tested for lead. This may vary according to current law. The City of East Moline Water Filtration Plant will work with you to complete testing.

USE A WATER FILTER

A water filter specifically certified to remove lead should be used for at least six months after LSLR.

Filters should be National Sanitation Foundation (NSF) Standard 53 certified.

A list of NSF 53 certified filters can be found at the NSF website: www.nsf.org.

If the City replaced your LSL, the City will provide you with a water filter certified to remove lead.

