



CITY OF EAST GRAND RAPIDS

750 LAKESIDE DRIVE SE-EAST GRAND RAPIDS, MICHIGAN 49506

IMPORTANT NOTICE-PLEASE REVIEW AND SAVE

August 5, 2019

Dear East Grand Rapids Resident/Property Owner:

The City of East Grand Rapids Department of Public Works has started water utility valve replacement and access pit excavations for several cured-in-place-pipe (CIPP) structural water main rehabilitation project areas scheduled for late summer/fall. You are receiving this notice because your property will be impacted or is near the project areas.

Project areas:

- Beechwood Drive from 2746 Beechwood to Lake Drive (669 feet of 6-inch cast iron in 1926).
- Oakwood Drive from Conlon Avenue to Lake Drive (1,498 feet of 6-inch cast iron installed in 1926).
- Elmwood Drive from Conlon Avenue to Lake Drive (1,617 feet of 6-inch cast iron installed in 1926).
- Boston Street from Conlon Avenue to Lake Grove Avenue (816 feet of 6-inch cast iron installed in 1929).
- Eastlawn Road from Hall Street to Anderson Drive (409 feet of 6-inch cast iron installed in 1929).

CIPP is a trenchless process to rehabilitate water mains. This process is less invasive and less disruptive than open cut utility replacement. Before the existing water main is removed from service, a temporary above ground water service system is put into place. Once the temporary system is in place and has passed required testing, the contractor will contact residents to remove water meters from homes before connecting to this system. The existing water main is then taken out of service. Access pits, which EGR DPW crews will have pre-excavated, are used to access segments of the water main. At these sites the contractor cleans the water main with a metal chain reamer and inspects the pipe with closed-circuit television to map water service locations. After this is completed, plugs are inserted at water service locations by specialized robotic equipment. Then the new liner is inserted, epoxy resin is injected and hot water is circulated to cure the new liner into the new structural pipe within the old (host) pipe. When this is completed, hydrostatic pressure testing is conducted, water services are reinstated, and the new pipe is disinfected, flushed and tested. Water services are then brought back into service, water the contractor contacts residents to reinstall water meters and the temporary system is removed. Restorations are then completed in the project areas. Water service lines that the City owns (between the main and the stop box/shut off in the public right-of-way) that need replacement will take place this summer, fall and into the winter.

For more technical information or FAQ's with respect to the water main CIPP product/process, please visit the following link provided below:

<http://www.aqua-pipe.com/frequently-asked-questions.html>

General Project Information:

- The overall project will commence in August and be completed by the end of October or early November. Individual CIPP project areas will take 2-3 weeks to complete (when the lining contractor starts their process).
- Construction may take place between the hours of 7:00 AM and 9:00 PM Monday through Saturday per City Ordinance, although it is anticipated most work will be completed between 7:00am and 5:00 PM each day, Monday-Friday (unless an emergency arises).
- Construction progress may be impacted by weather, availability of materials, scheduling conflicts and/or unforeseen emergencies. Patience and understanding is appreciated.
- Water service to adjacent properties will be temporarily interrupted during this project. The contractor or the City will place door hangers and/or knock on doors in advance of any anticipated disruptions to communicate with residents.
- If water service line replacement or repair work is necessary, the City/contractor will communicate with residents/property owners on an individual basis.
- Temporary above ground water service will be put in place in advance of the CIPP work. This will ensure water is available during the project with limited disruption to residents.
- Existing on-street parking may be limited depending on the locations of the access pits or equipment. Temporary "no parking" signs will be placed in advance of any parking restrictions and locations.
- Streets will be open to local traffic in each project area. Traffic control devices/signs will be utilized to keep workers safe and also provide for safe vehicular traffic in the project areas. Traffic may be interrupted for brief periods of time, so patience and understanding is appreciated.

- Any right-of-way restorations in the impacted project areas will be completed at the end of the project by the contractor or the City. The project limits have been video recorded in advance of the project to document existing property conditions.
- Because the project areas are open to local traffic, City yard waste service, private refuse/recycling, mail or other services should not be impacted outside of an unforeseen emergency or brief period of time.
- The City requests that residents identify irrigation system sprinkler heads that may be located in the City right-of-way with “labeled” stakes or flags in advance of the project if miss dig utility flags appear in the right-of-way in front of your property (this will indicate an excavation access pit excavation site). This will help eliminate damage to any systems.
- **Streets impacted by water main CIPP rehabilitation project work this summer/fall will be mill/overlay street projects next spring. The City will provide notices to residents and update information for spring street projects in the future.**

The City appreciates patience and understanding as important infrastructure is replaced and rehabilitated that will serve the community for the long term future. If you would like to sign up for project updates or other information, please go to www.eastgr.org and select the “notify me” tab and select topics of interest. Updates will be shared via social media and e-newsletters. A construction update page is also available via the City website homepage via a quick links tab on the left side of the page. The direct link where regular updates are posted is: <https://www.eastgr.org/457/Street-Sidewalk-Construction>

Questions may be directed to the City by calling the Department of Public Works at 616-940-4817.

Respectfully,
East Grand Rapids Department of Public Works

Below is a map of the water main CIPP project locations for 2019:

