



# CITY OF EAST GRAND RAPIDS

750 LAKESIDE DRIVE SE-EAST GRAND RAPIDS, MICHIGAN 49506

## NOTICE

January 20, 2020

### **RE: Sanitary Sewer Lining (Cured-In-Place Pipe)**

Dear East Grand Rapids Resident:

The City will be installing a new pipe liner in the sanitary main on a section of your street known as cured-in-place-pipe. The project will take place during the month of February 2020. Before the pipe lining commences a door hanger will be placed on your front door by the contractor. The door hanger will note specific dates and times that water should not be used.

**What is cured-in-place pipe?** It is a trenchless pipe rehabilitation method where a fiberglass or polyester fiber cloth is placed and pulled down the existing sewer main. Once the fiberglass or polyester cloth is in place, a resin is applied to the cloth. A special balloon is then filled with water and then inserted into the fiberglass or polyester cloth material. It is inflated to create and harden the new pipe within the existing pipe. Once the new pipe has cured, a piece of equipment with a cutter is inserted into the sewer main to cut openings where sewer laterals exist to re-establish the connection of the property owners sewer lateral to the City sewer main. Please note illustrations of this product and method on the back of this notice.

**Why is the City lining this section of sewer main?** The City evaluates sanitary and storm sewer pipe and checks for general pipe condition to look for cracking and/or other deficiencies. Sewers constructed before the mid 1970's were constructed mostly of clay tile. When cracks form in clay tile or other similar pipe materials, they allow ground water into the sanitary sewer (also known as infiltration and inflow). Cracks also allow tree roots into the sanitary sewer which increases the need for maintenance. By lining the sanitary sewer the City will be extending the life of the sanitary sewer main for 50-60 years while also eliminating tree root and ground water infiltration into the sanitary sewer system. This process also eliminates the need for other infrastructure to be disturbed, such as the road/curb/sidewalk, which saves overall cost, time and construction impact in the area.

**What is the duration of the project?** Once the project begins, it will be completed by the end of each day, typically within 8-24 hours. Start and completion times will be noted on the door hangers provided by the contractor.

**Is there anything I need to do before or during this process?** Because your sewer lateral will be out of service for 8-24 hours while the new pipe liner is being established, homeowners should not use water that discharges into the sanitary sewer during the pipe lining process because it can back up into homes. If a home is connected to the sanitary sewer system with footing drains or sumps pumps they need to be disconnected before the project commences and directed to the nearest storm sewer catch basin (footing drain and sump pump connections are not legal connections to the sanitary sewer system). If absolutely needed, minimal use of restrooms and sinks is ok, provided that it is understood that the storage capacity that each home has is the volume of the sewer lateral to the main that is being lined. When the contractor has completed installing the liner and restored (cut open) the opening of the lateral to the main, normal service will resume. Activities that use large amounts of water, such as running a dishwasher, washing machine, etc. must not take place at any time during the process.

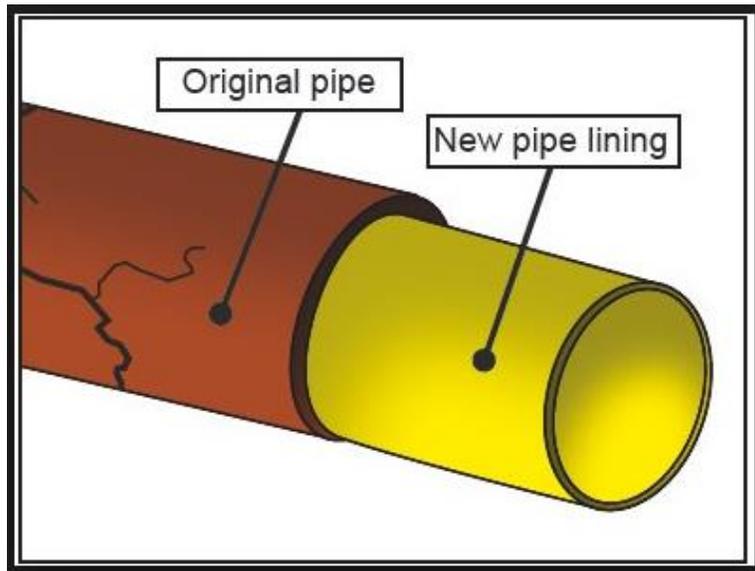
**Who is the contractor?** Corby Energy Services, INC, from Belleville, MI. They may be contacted at 734-547-9237.

**Who can I contact with questions?** A contact number will be provided for Corby Energy Services for on-site staff on the door hanger placed at your home. City of East Grand Rapids Department of Public Works may also be contacted at 940-4817.

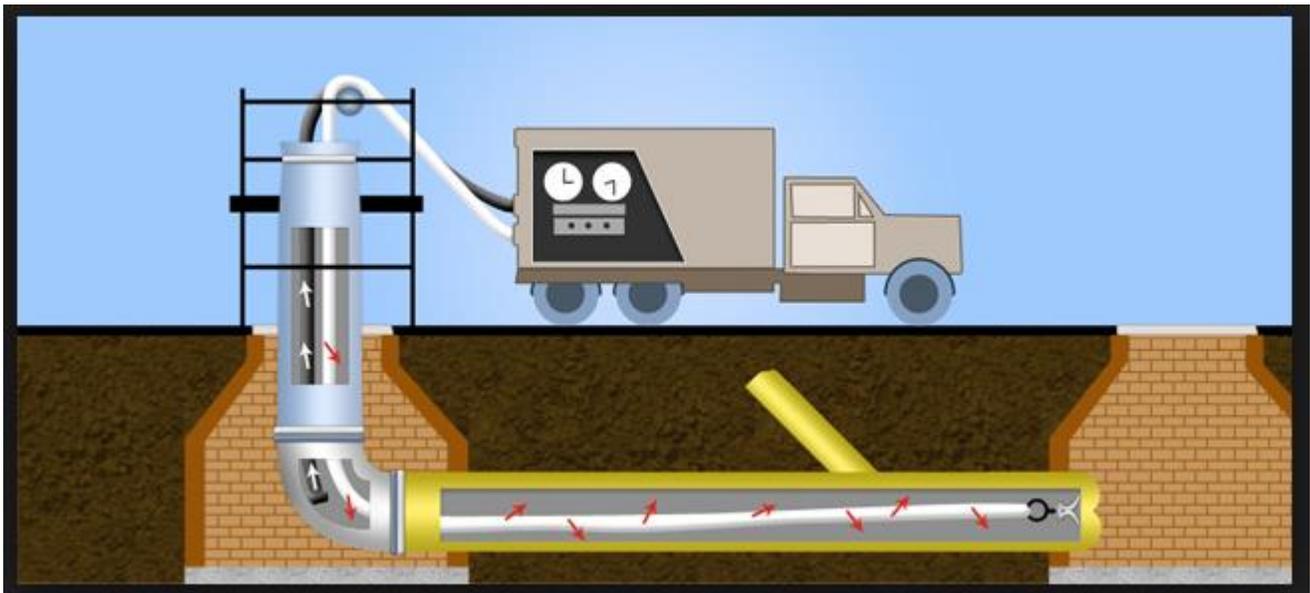
**Where can I find additional information?** The City provides information and frequent project updates via the City website. To check in on project information and updates go to [www.eastgr.org](http://www.eastgr.org) and select the construction updates tab under quick links on the left side of the home page.

Thank You,

East Grand Rapids Department of Public Works



Sewer Pipe Lining (Cured-In-Place-Pipe)



Sewer Pipe Lining (Cured-In-Place-Pipe) Installation