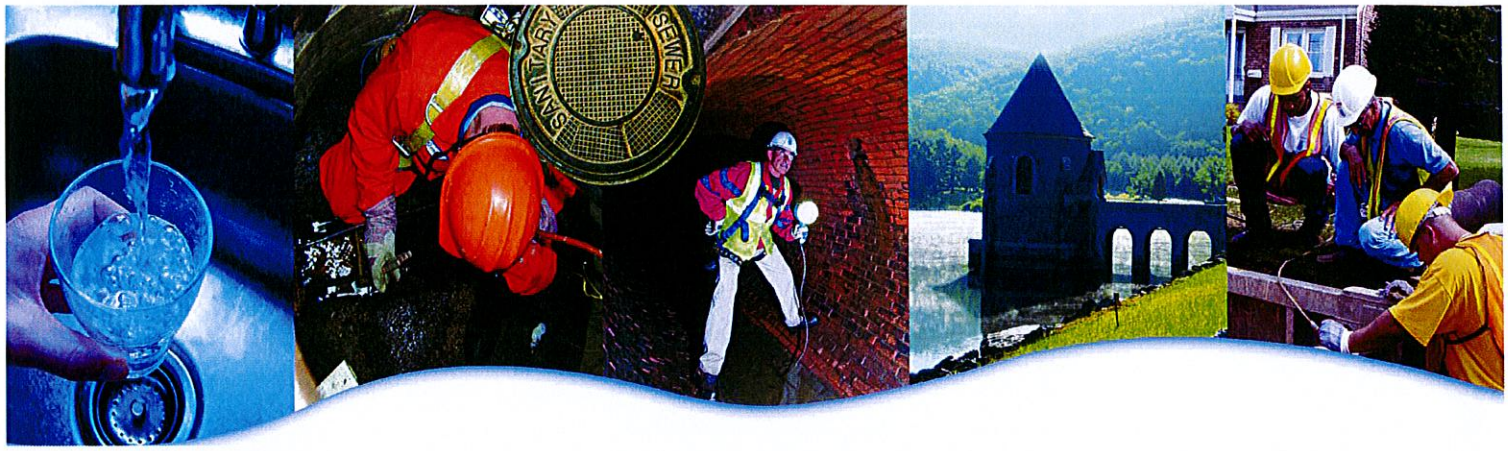


CONSTRUCTION NOTICE

Newington Area – N-05

Starting in early to mid-June*, the Metropolitan District (MDC) and their contractor, Insituform Technologies Inc. (ITI), with their sub-contractor, National Water Main Cleaning Company (NWMCC), will begin working in your neighborhood to make improvements to your sanitary sewer. The work includes repairing sewer pipes using a Cured-In-Place Pipe (CIPP) or "No-Dig" method and repairing and replacing sewer manhole frames and covers. Pre-construction video documentation will be taken of the streets and work areas prior to the contractor mobilizing to the site. Enclosed are FAQs sheets to provide you with additional information on the methods of repair and a map of the general work areas.

Work Hours will be from 7:30AM until 5:00PM

You will receive further notifications as the work progresses including updates on traffic impacts associated with the work.

In the event of inclement weather, work times and schedules are subject to change.

If you have questions or concerns during normal business hours

(7:30AM to 5:00PM Mon-Fri), please contact:

***Chris Coyle, CDM Smith Field Engineer at (860) 416-2629* or**

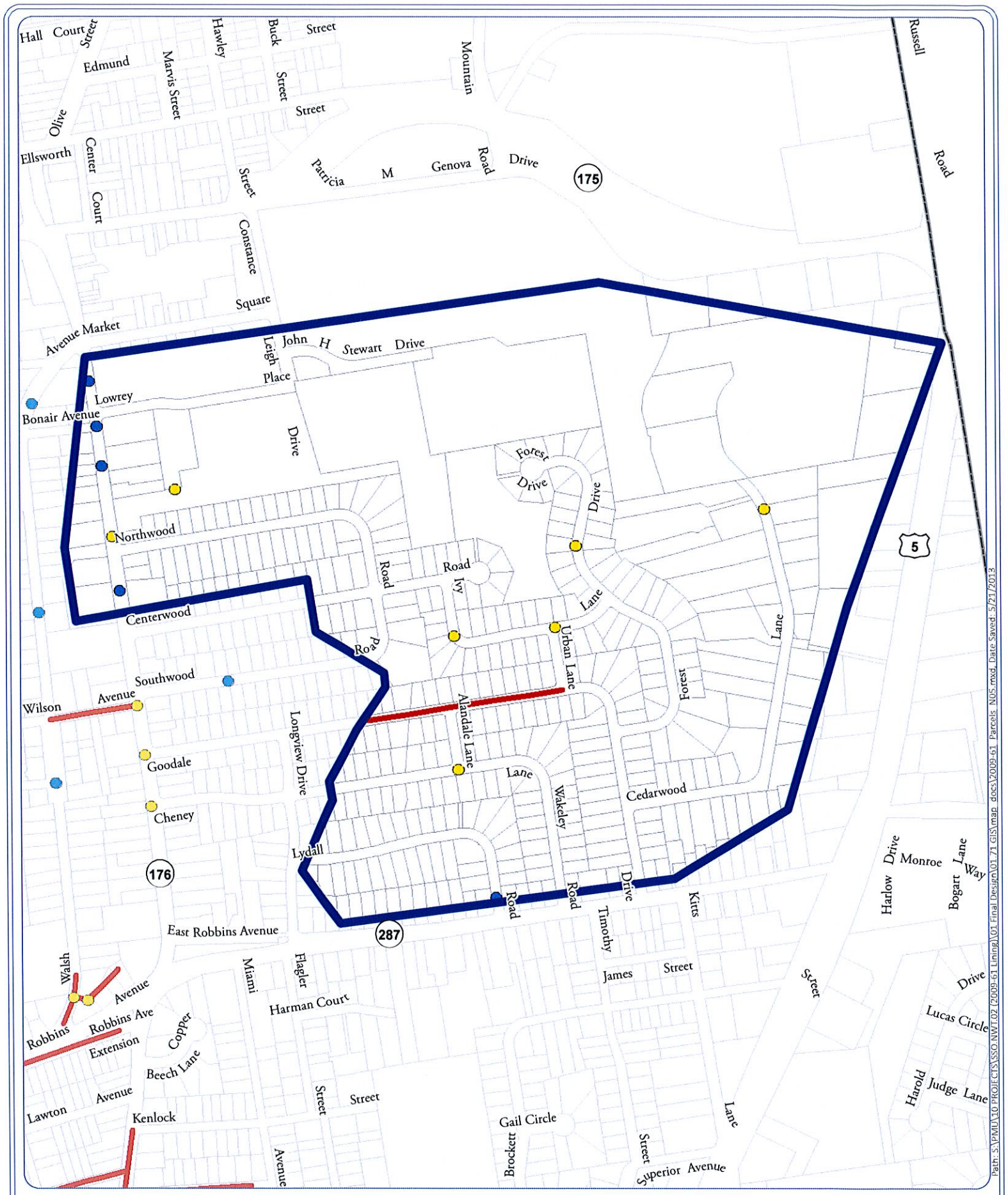
After hours, please contact the MDC's *Command Center at (860) 278-7850 ext 3600*

For more information, please visit our website at www.themdc.com

SSO Newington 2009-61 Subarea N-05 05-23-13 mjr

MDC is a non-profit municipal corporation supplying water and sewer services to its eight member towns: Bloomfield, East Hartford, Hartford, Newington, Rocky Hill, West Hartford, Wethersfield, Windsor, and portions of other towns in the region.

MDC



N-5 Notification Parcels

Subsystem Rehab Work

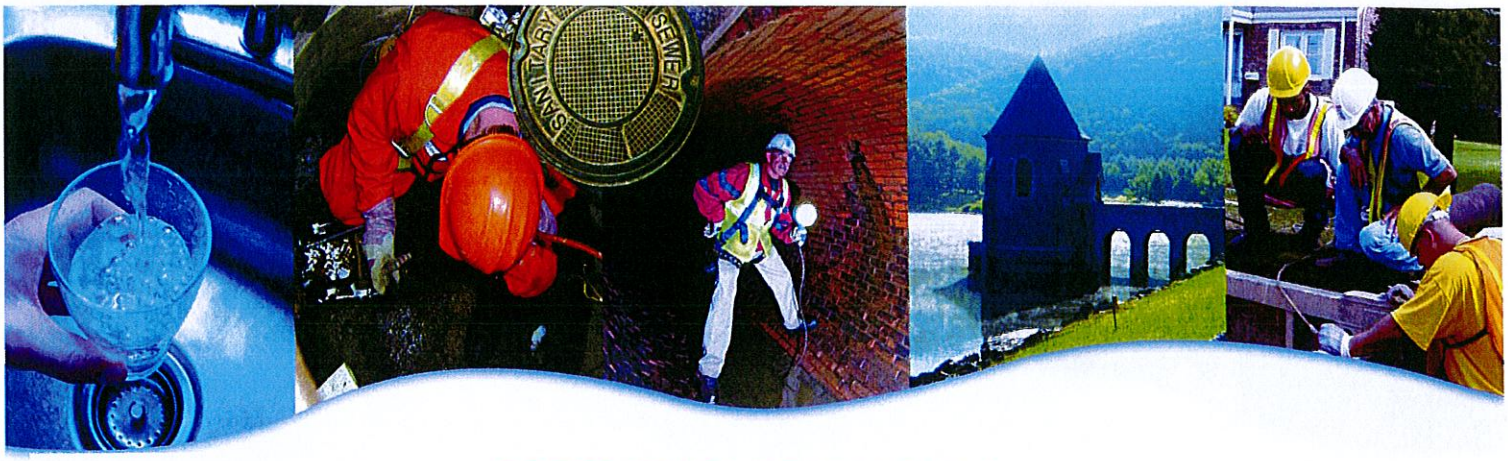
- N-5
- Line Manhole
- Replace Frame and Cover
- Pipes to be Lined

N W E S

400 Feet

MDC Clean Water Project *the choice is clear.*

Map Produced by MDC GIS Services



CONSTRUCTION NOTICE

Sanitary Sewer Cleaning & Lining Frequently Asked Questions

Q. Why is this work happening in my neighborhood?

A. As part of the MDC's Clean Water Project, MDC is lining sewers to reduce the amount of groundwater entering the pipe. To complete this work, the sewer pipes first need to be cleaned with high pressure water. Then, approximately a month later, the sewer pipe will be lined with a Cured-In-Place Pipe (CIPP).

Q. How is the pipe lining installed?

A. The pipe lining process is a three step process:

1. Cleaning and Inspection: Prior to lining the existing sewer, it is cleaned using high pressure water hoses and video cameras to inspect the cleaning and record the condition of the sewer pipe.
2. Pipe Lining: The process starts with placing a flexible liner into the existing sewer. Steam or heated water is forced into the liner, pushing the liner tightly against the existing sewer walls. The heat causes the liner material to cure creating a new pipe within the existing sewer that is free of cracks and holes. During the installation, sewer flows are re-routed using pumps and hoses, to ensure sanitary service to customers.
3. Reinstating Laterals: Once the liner has been cured, the existing lateral pipes serving each home need to be cut open. This process is completed using a remote operated cutter and video camera.

Q. Who will be performing this work?

A. The District has contracted with Insituform Technologies Inc. (ITI) Company and their sub-contractor, National Water Main Cleaning Company (NWMCC) to do this work. The cleaning process will be completed by National Water Main Cleaning Company.

Q. What are the hours of construction?

A. Typically, construction will occur from 7:30 a.m. until 5 p.m., Monday through Friday, which means access within the roadway may be obstructed during that time. In rare instances, where a particular task is begun and must be completed before the construction site can be abandoned for the day, work may extend beyond 5 p.m. The District's Inspector or Outreach Staff will notify you if it is necessary to work late.

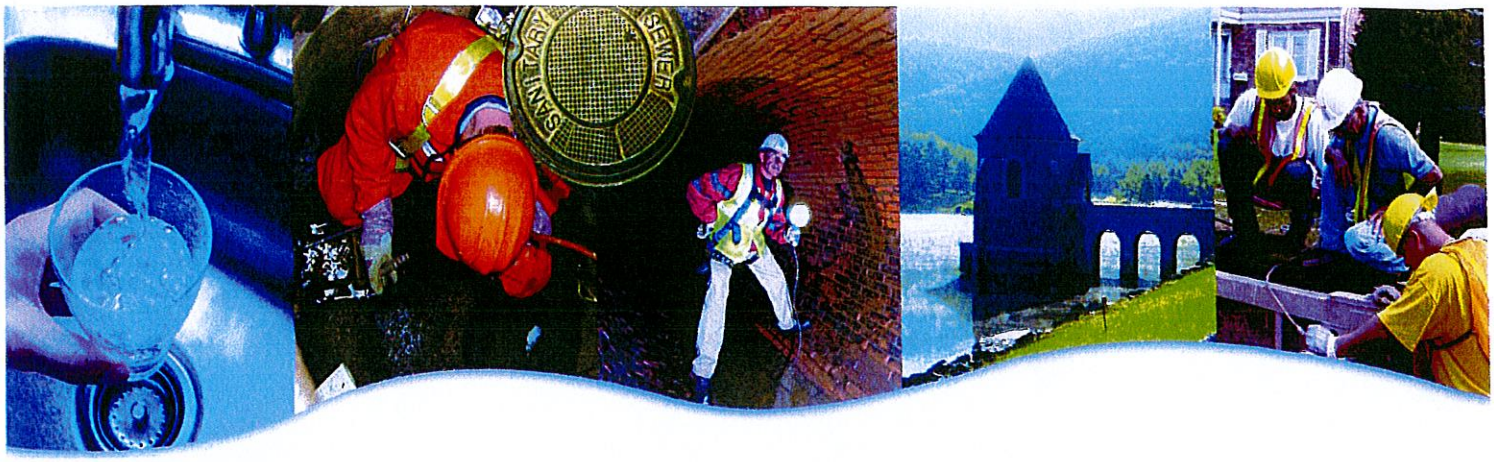
Q. How will I be notified that the work is going on near my property?

A. All affected properties will be notified via flyer 24-72 hours in advance of the initial inspection/cleaning work, and then again at intervals of 1 week and 24 hours prior to the lining work. A final notice will also be distributed within 24 hours of completion to let you know that the work is complete.

Q. What are the benefits of CIPP?

A. The benefits are:

- CIPP allows for pipes to be rehabilitated in place of traditional replacement that requires excavation and disturbs the surrounding neighborhoods and businesses.
- CIPP is less expensive than replacing the pipe and completed in a fraction of the time than traditional pipe replacement construction.
- CIPP allows for an increased sewer flow capacity and has a 50-year design life.



CONSTRUCTION NOTICE

Sanitary Sewer Cleaning & Lining Frequently Asked Questions

Q. How long will the installation take?
A. The pipe lining process typically takes less than one day to complete.

Q. Can I use my water and flush my toilets during this process?
A. Water usage should be limited during both the cleaning and lining process. During this process, flyers will be distributed to let you know these restrictions, and when to expect them.

Q. Will I notice a smell or odor during construction?
A. You may notice a minor odor in the areas where the CIPP installation is being completed. This odor is caused from the curing process during lining, and is not harmful to inhale. To help reduce smells inside your property, it is recommended that you fill the trap on all drains (floor, sink, etc.) with water to reduce the likelihood of odors in your property. In the unlikely event that you experience this problem, please open windows until the odor disappears.

Q. Are there any precautions I should take during this work?
A. During the cleaning process it is recommended that all toilet seats be kept down, in the event that pressure builds up and causes a spray during the cleaning process. During the lining process, it is recommended you fill the trap on all drains (floor, sink, etc.) with water to reduce the likelihood of odors.

Q. How will this impact traffic?
A. During both phases of the work, you may experience minor traffic disruptions, but full road closures and detours are not anticipated.

Q. What if I have special needs or further concerns?
A. If you have any additional questions, there will be inspectors in the field at the installation locations, or you may call the District's Command Center at (860) 278-7850 extension 3600.

For more information please visit our website

www.themdc.com

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MDC