



Main Street Renewal

Construction Newsletter No. 19

April 15, 2016

On-Going

Here's a block-by-block breakdown of the work currently underway:

- **Hawthorne Avenue and Main Street Intersection:** Watermain installation;
- **Hawthorne Avenue to Lees Avenue:** Relocation of telecommunication cables;
- **Lees Avenue to Hazel Street:** Gas main installation and relocation of telecommunication cables;
- **Hazel Street to Clegg Street:** Removal of temporary sidewalk and Silva Cells installation;
- **Riverdale Avenue to the Rideau River:** Removal of asphalt and concrete road base, sanitary sewer installation and preparatory work for the up-coming watermain replacement.



Removal of temporary sidewalk on the west side of Main Street.

Upcoming

Here are key **new** upcoming construction activities planned for the next two weeks:

- **Harvey Street to Hawthorne Avenue:** Electrical, concrete curb and road work;
- **Lees Avenue to Hazel Street:** Removal of temporary sidewalk and Silva Cells installation;
- **Hazel Street to Clegg Street:** Grading of granular base for cycle track and sidewalk;
- **Brantwood Place Gates:** Removal of stone facing; and,
- **Clegg Street to and including Rideau River Drive:** Installation of temporary water services.



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Traffic

Main Street

The northbound lane from Riverdale Avenue to Clegg Street will be closed from May 2nd to November 2016.

Colonel By Drive / Pretoria Bridge

The Alive to Strive Race will take place on Sunday April 24th. For this event, **Colonel By Drive will be closed to traffic from Hog's Back Road to Clegg Street from 8:30 a.m. to 1:30 p.m.**

The CN Cycle for CHEO event will take place on Sunday May 1st. For this event, **Colonel By Drive will be closed to traffic from Hog's Back Road to Rideau Street from 6 a.m. to 1:00 p.m.**

The Pretoria Lift Bridge will be undergoing maintenance work on May 1st. In order to complete the work, the **Pretoria Lift Bridge will be closed to traffic on May 1st from 6 a.m. to 2 p.m.** The bridge will remain open to cyclists and pedestrians.

The Heroes are Human Capital-to-Capital Ride will take place on Saturday May 7th. For this event, there will be a **possible rolling closure of the Pretoria Lift Bridge and Colonel By Drive (Hawthorne Road to Rideau Street) from 8 a.m. to 9 a.m.**

The Sporting Life 10K Run for CHEO event will take place on Sunday May 8th. For this event, **Colonel By Drive will be closed to traffic from Hog's Back Road to Clegg Street from 5 a.m. to noon.**



Potholes repair on Main Street south of Riverdale Avenue.

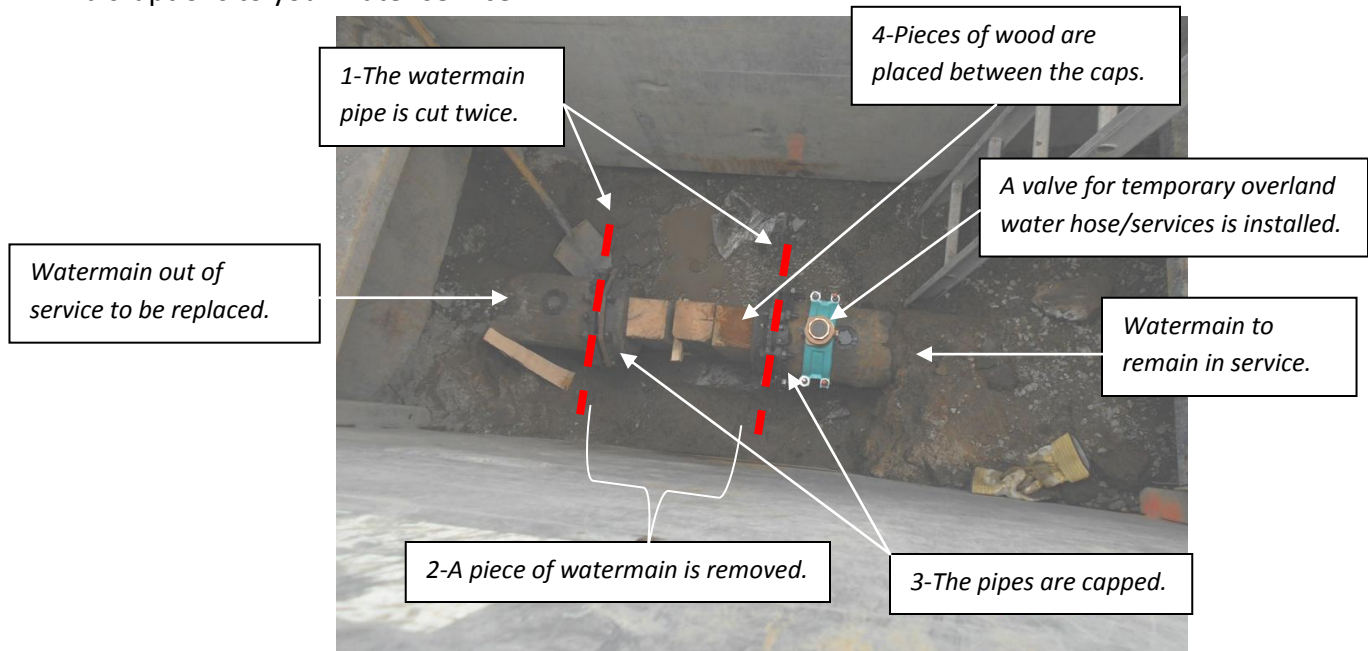


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Did you know?

There are many steps required to replace a watermain while maintaining potable water service to all users. The first step is to install temporary overland water services to avoid major disruptions. The next step is to isolate the watermain section to be replaced from the rest of the system. Watermains are typically inter-connected at street intersections. To isolate the section to be replaced, the watermain needs to be cut at each intersection. This is called a *cut-and-cap*.

To do a *cut-and-cap*, the watermain is shut down, the pipe is cut twice, a small section is removed and, the two ends of the pipe are capped. Pieces of wood are added between the two caps to help keep the caps secure after the main is pressurized again. A valve is installed on the pressurized side of the capping to supply the overland hoses with water. This *cut and cap* is done at each intersection until the section of watermain to be replaced is isolated from the rest of the network. That explains why you will see the construction crew excavate a hole at each intersection and water service being interrupted for approximately 4 hours per street. While these excavations may appear random, they are part of a comprehensive plan to minimize disruptions to your water service.



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