

August 9, 2019

Pipe Installation

As of August 8th, approximately 1,500 meters (m) of the total 3,600 m of water transmission main has been installed. The rate of pipe installation increased in mid-July when additional crews began installing pipe and pre-breaking rock.

Methodology & Sequencing

To efficiently install the water main, rock is broken ahead of the pipe installation crew. This allows the pipe crews to focus on installing pipe. In between rock breaking and pipe installation a temporary driving surface is restored. Depending on the time between rock removal and pipe installation, some areas will receive temporary asphalt.

Approximately one week after the pipe is installed, work to rebuild the road surface can begin.

Work Hours

For July and August, the hours of work are 9:00 AM - 9:00 PM and includes working through 4:00 PM - 6:00 PM. Lucasville Road is reduced to one lane. This was discussed with the Municipality in advance of tendering the work and allows the project to take advantage of lower summer traffic volumes.

Driveway Access

Notices will be delivered the day before excavation crosses a driveway and the excavation will be filled in as soon as possible.

Road Closures

When the new water main is connected to the existing water main, up to 3 road closures will be needed as the excavation will cross Lucasville Road. Local and emergency access will be maintained to each property, however, access will be from one end of Lucasville Road or the other. There will be no passage through the work site. Lucasville Road will be "Local Traffic Only" during these times. It is estimated the work will occur on weekends this fall. Specific notification will be delivered to all homes in advance of these closures. Some closures will coincide with a water service disruption for some residents. Specific notification will be distributed in advance.



Trenching machine cutting down through asphalt, rock, gravel and dirt to begin the excavation work for the new water transmission main.



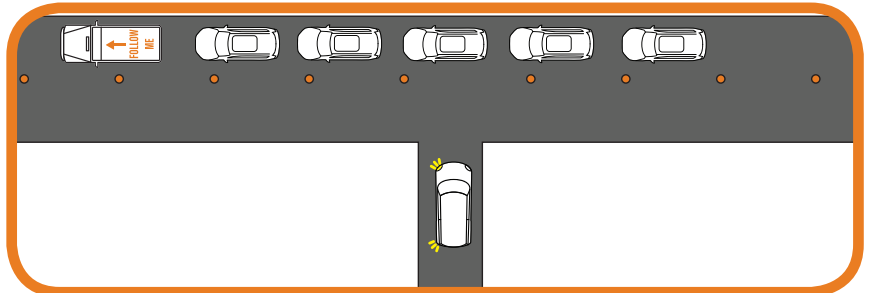
New section of water transmission main installed and partially backfilled, excavation continues to prepare for the installation of the next section.

Traffic Control

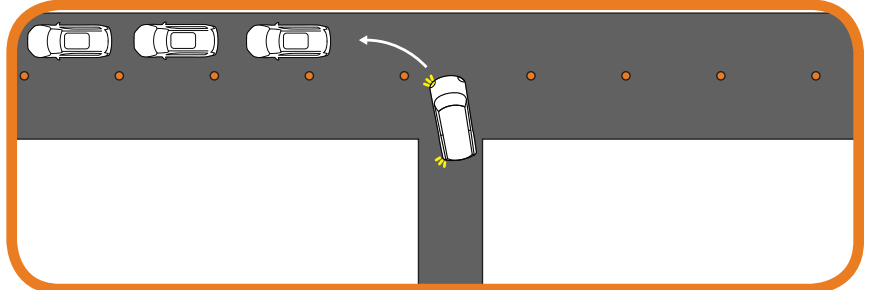
The majority of the future pipe installation will focus on the west (Timber Trails) side of Lucasville Road. All efforts are being made to keep the work areas as short as possible to reduce traffic wait times. On weekends between Friday evening and Monday morning the traffic control setup is monitored 24-hours a day.

How to Enter Traffic with the "Follow Me" Truck from a Driveway

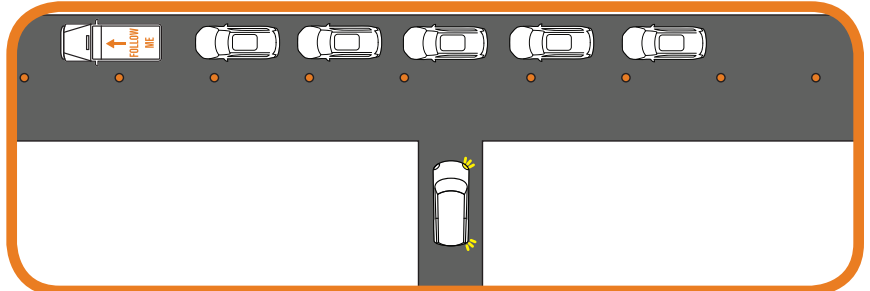
Wait to enter the line of traffic behind the "Follow Me" truck when it is travelling in the direction you wish to travel.



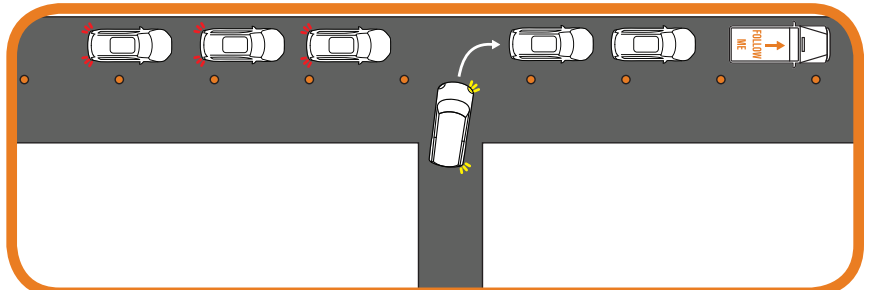
Enter at the end of the line of traffic or if another driver already in the line of traffic stops to let you pull out.



If the "Follow Me" truck is travelling in the opposite direction that you wish to go, wait until the "Follow Me" truck returns heading in the direction that you wish to travel in.



When the "Follow Me" truck returns heading in the direction that you wish to travel in, enter at the end of the line of traffic or if another driver already in the line of traffic stops to let you pull out.



In shorter traffic control setups without a "Follow Me" truck, wait until the line of traffic is heading in the direction you wish to travel, and then join the line as shown above.

Water Service

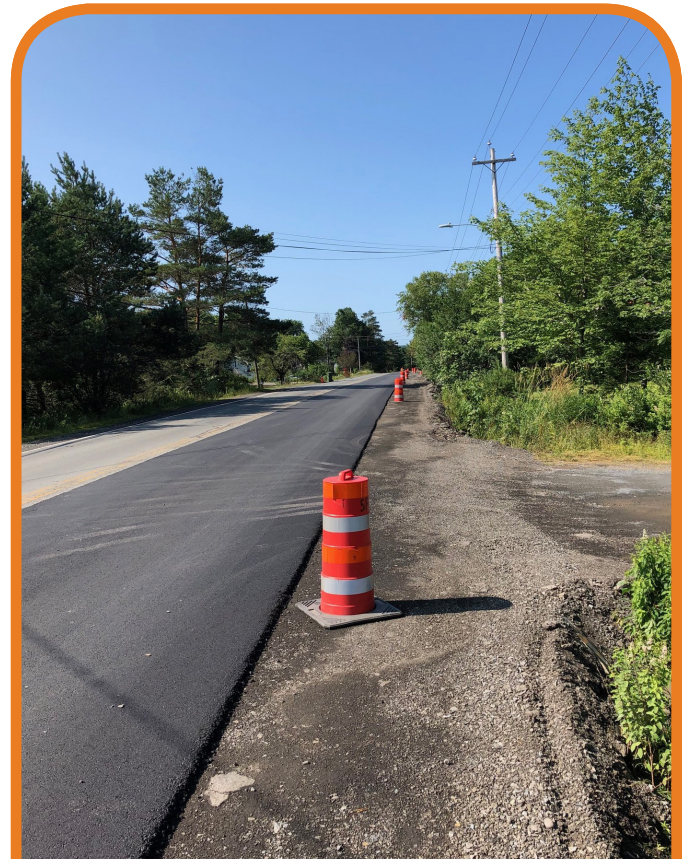
Halifax Water and its contractor, ARCP, have developed a plan to minimize temporary water service disruptions related to the new water main and existing services. Due to construction methods in 1996, some services on the west side of Lucasville Road (uneven civic numbers) will be temporarily turned off as a precautionary measure as ARCP installs the new watermain underneath. ARCP will notify all properties in advance of a planned service disruption.

Integration with other Municipal Projects

Halifax Water and HRM looked at integrating the municipality's Lucasville Greenway project into the water main work, but the Greenway project was not ready to proceed. However, the design of the water main took into account the future trail. Portions of the water main alignment were shifted closer to the centre line to reserve space for future storm pipes that may be needed when the trail is built. Between Atlantic Splash Adventure and Waterstone Road, HRM is cost sharing with Halifax Water to pave the full surface of the road.

Disturbed Areas During Construction

As ARCP continues to install the water main, there will be temporary conditions and reinstatement around their work area. Halifax Water has pre-construction photos and video of the project limits and will work to ensure disturbed areas are restored to pre-construction conditions or better upon completion. Final restoration cannot begin until the water main is installed. Some final reinstatement has started, but the majority will take place in September. If there are immediate concerns or access issues with the temporary conditions, please reach out to the project team.



Temporary asphalt installed over sections of newly installed water transmission main.

Project Contacts

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

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For Project Information & Updates, visit: halifaxwater.ca/lucasville-tm

**LUCASVILLE
TRANSMISSION
MAIN TWINNING
LUCASVILLE**

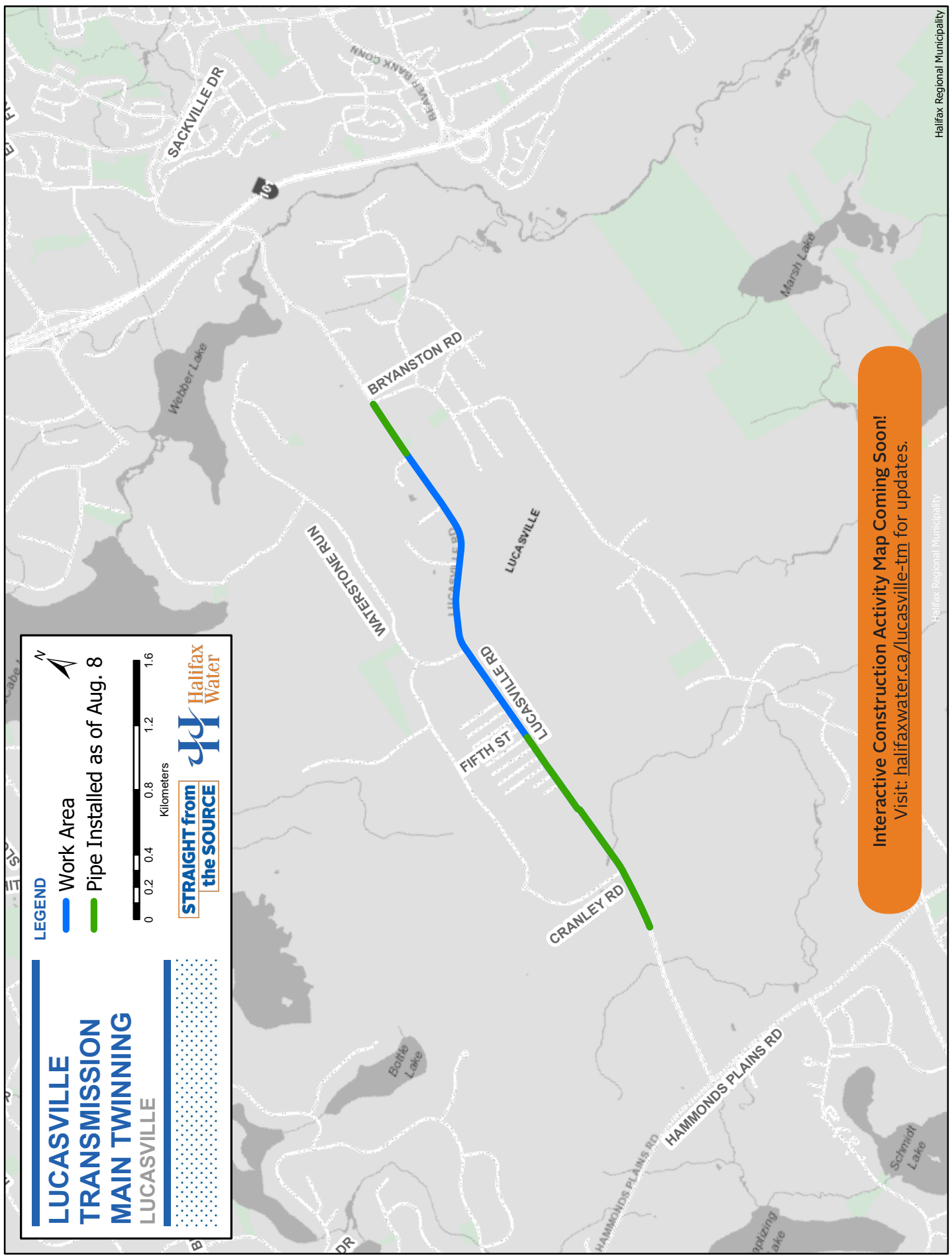
LEGEND

-  Work Area
-  Pipe Installed as of Aug. 8

0 0.2 0.4 0.8 1.2 1.6
Kilometers

**STRAIGHT from
the SOURCE**



Interactive Construction Activity Map Coming Soon!
Visit: halifaxwater.ca/lucasville-tm for updates.