



Dunbrack Street Water Transmission Main Rehabilitation Project Newsletter

Issue 2

September 2010

Overview

Since June, Dexter Construction Ltd has been working on a major project to slipline a new 1067mm diameter steel transmission main inside of the 1970s vintage transmission main along Kearney Lake Road and Dunbrack Street.

Currently, the new steel pipe has been installed from the Kearney Lake Road and Dunbrack Street intersection southerly to the end of the project between Ross Street and Farnham Gate. The traffic diversions that had been in place on Dunbrack Street from Farnham Gate to the Dunbrack Street / Kearney Lake Road intersection have been restored to normal conditions.

The work is continuing along Kearney Lake Road from the Kearney Lake Road and Dunbrack Street intersection to the Highway 102 ramps. Dexter Construction Ltd will be excavating pits and pushing the sliplining pipe in this area for the next two months.

There is an existing local distribution main in close proximity to the transmission main along the Kearney Lake Road. In order to provide a safe working environment to all workers during the sliplining work, this distribution line has been temporarily shut down. A temporary water system has been installed within parts of the work zone along the Kearney Lake Road to provide potable water to Halifax Water customers. Several hydrant to hydrant jumpers have been placed throughout the community to allow for sufficient water supply for daily consumption. Homes along Kearney Lake Road have their water supplied through an above-ground temporary water system, some of which have been installed in backyards.

Halifax Water and Dexter Construction are committed to completing the work as quickly and safely as possible. The work is complicated and challenging. We appreciate your patience during construction and regret any inconveniences. If you have any questions or require additional information, please feel free to contact us (see contact information).

Sliplining Technology- If you pass by the construction site on a regular basis you can observe the process. Preparation crews are excavating the pits and preparing the pits for the sliplining machine. You will see the steel pipe being inserted is temporarily stored onsite along the boulevard awaiting installation by the sliplining crew. The sliplining machine (a customized hydraulics-based pushing sled) is then installed in the excavated pit. Once the pipe has been inserted and pushed through to the adjacent pit, separate crews follow up and carry out the concrete and street reinstatement work.

The sliplining project and the unique technology involved was recently featured on the Global TV Evening News show and mentioned on the CBC Supper Hour news.

Work Schedule- Currently the new pipe has been installed from the Kearney Lake Road and Dunbrack Street intersection southerly to between Ross Street and Farnham Gate Road.

Sliplining will be carried out along Kearney Lake Road from the Kearney Lake Road intersection to the Highway 102 interchange. This work will continue until October when commissioning of the pipe will take place. Please be advised that a previous excavation between Ross Street and Farnham Gate Road will require re-excavation for the commissioning process which will result in traffic diversions.

What to Expect- Dust, noise and heavy equipment are common elements of construction, however we are committed to providing a work site that is safe and orderly. The sliplining methodology will help reduce the overall impact on the street within the construction zone. Temporary disruptions to services will occur but we will work with adjacent property owners to minimize inconvenience.

Vehicular Traffic- The existing transmission main is located within the outbound lanes of Dunbrack Street and Kearney Lake Road. Two-way traffic will be maintained throughout the course of construction. However, traffic will be restricted to a single lane of traffic in each direction. Outbound traffic will be diverted to the shared inbound lane on Dunbrack Street and Kearney Lake Rd.

With school now back, motorists are asked to use extreme caution in the work zone, and are reminded that speed fines double in work zones.



Dunbrack St. Transmission Main Rehabilitation Project Newsletter

Issue 2

September 2010

Pedestrian access- Sidewalks will generally be maintained during construction and appropriate signage erected to direct people in the correct direction. Traffic control personnel will be on hand to help with directing the public around construction where designated cross walks cannot be maintained.

With school now back, motorists, students and pedestrians are asked to use extra caution in and around the work zone. Motorists are reminded that speed fines double in work zones.

Signalized Intersections- Will is maintained throughout the construction. However, where this is not possible, temporary signals will be erected at those signalized intersections that are impacted by construction.

When conditions require, traffic control personnel will be on site to co-ordinate traffic flow from side streets and business entrances.

Driveway Access- Excavations for the launch and retrieval pits are situated at the bend locations of the existing pipe. Several of the required pits are located in intersections or close to driveway entrances. Although access may be impeded on occasion, most driveways will be accessible through construction zone

Special Needs- Individuals with special needs who may be uniquely impacted by this project should contact Dexter Construction's Project Manager (see contact information section) as soon as possible to make them aware of your situation. We will work with you in an attempt to minimize your inconvenience as much as possible.

Work Hours- Working hours are generally Monday to Friday 7:00am to 6:00pm. It should be anticipated that the contractor may choose to work longer hours and weekends depending upon scheduling requirements

Water Interruptions- As previously mentioned, during the course of the project, you may experience temporary water service disruptions. Any disruption will be communicated to the public through a separate notice which will indicate the length of the disruption, and any required precautions to take. Water may be discoloured by the process of shutting down water mains, by the re-routing of water to maintain service, or by sediment. If this occurs, run cold water only until it appears clear.

Project Updates

Future issues of the project newsletter will be sent out on a regular basis for the duration of the project.

Contact Information

If you have any questions or would like to discuss this further, please feel free to contact one of the persons listed below.



Tom Gorman
Senior Project Manager
Phone: 490-4176
Email: tomg@halifaxwater.ca



Steve Hogan
Project Manager
Cell: (902) 240-1289
Email: shogan@dexter.ca

After Hours/Weekend Contact:
Steve Hogan
Cell: (902) 240-1289