



# Main Street Renewal

## Construction Newsletter No. 13

November 6, 2015

### On-Going

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

- **Harvey Street to Lees Avenue:** Watermain installation, road work, electrical work and placement of pavers for sidewalk;
- **Lees Avenue to Springhurst Avenue:** Commissioning of the watermain, road work on the west side and placement of pavers for sidewalk on the east side; and,
- **Springhurst Avenue to Clegg Street:** Placement of concrete curbs and paving on the west side.



*Installation of electrical conduits  
under the Queensway Bridge*

### Upcoming

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

- **Harvey Street to Lees Avenue:** Placement of pavers for sidewalk on the west side and site clean-up;
- **Lees Avenue to Springhurst Avenue:** Removal of temporary water connections, placement of concrete curbs, paving of the west side and site clean-up; and,
- **Springhurst Avenue to Clegg Street:** Site clean-up.

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*New curb freshly constructed by the curb machine*



*New curbs in place on both sides of Main Street*

## Traffic

### Main Street – Hazel Street to Beckwith Road

On Sunday November 8<sup>th</sup>, the Royal Canadian Legion (Strathcona Branch 595) will be conducting a Remembrance Day parade on Main Street from Hazel Street to Beckwith Road. The parade will commence at 10:15 at Hazel Street. It will last approximately 15 minutes and will occupy the southbound lane from Hazel Street to Clegg Street. There will be police escort, ambulance, fire and a marching band. If you are able, take a moment on Sunday to watch the parade and honour our Veterans.

### Pretoria Bridge

The Pretoria Bridge **will be closed for regular maintenance work on Sunday, November 8<sup>th</sup> from 6:00 a.m. to 1:00 p.m.** This is an annual closure for joint winterizing – the installation of a rubber membrane to shield the bridge lift mechanisms from the salt, sand and other debris that comes with winter.

The bridge will be closed to all vehicle traffic. Cyclists and pedestrians can still use the bridge with only slight delays as work is completed on various sections.



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## Did you know?

If you live, work or shop in any of the structures along Main Street, you have probably felt the vibrations caused by the on-going construction. Vibration levels can be measured in terms of peak particle velocity (PPV), which is measured in mm/s. Generally, vibrations from construction equipment such as haul trucks, excavators or compactors do not exceed structural vibration limits. Over the years, several vibration monitoring programs were completed throughout the City of Ottawa, over various soil conditions and for various construction projects similar to the one on Main Street. The majority of vibration levels collected from construction projects are below 2 mm/sec. Since modern structures are designed to withstand up to 50 mm/sec and older construction buildings, such as masonry buildings, can withstand up to 17.5 mm/sec., the structures and buildings on Main Street should be safe from any vibration related damage. This may be hard to believe as humans can feel vibrations as low as 0.1 mm/sec!

There is unfortunately no way to replace a road or install new sewers, watermains and utility infrastructure without causing vibrations. The contractor is working - and will continue to work - as efficiently as possible in order to lessen the impact on those closest to the work being done. It is a big request to ask the community to bear with this, but we believe that the rebuilt street, new infrastructure, and rehabilitated bridge will offer the community a significantly improved environment.



*Vibrating roller compacting the road base*

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