

# BECKWITH STREET REVITALIZATION

## CONSTRUCTION PROGRESS UPDATE NO.21 – HERE COMES CONCRETE!

Work on Beckwith Street is progressing steadily.

The electrical contractor is continuing to install all of the conduits and pole foundations and are approximately 75% complete. To date they have installed nearly 700m of new PVC conduit underground, all connected in order to pull new wiring through.

The road grading crew continues to follow closely behind the electrical work and is reinstating the disturbed areas with the proper amount of new gravel materials. The majority of the new gravel for roads and sidewalks have been placed and total over 10,000 metric tonnes of material delivered to site!



## UP COMING

Concrete is coming to Beckwith Street! The concrete subcontractor is mobilizing to site and will start installing various concrete elements such as the universally accessible curbs, gutter curbs, and the new wider sidewalks.

In the next two weeks the following activities will be happening:

- Concrete curbs will be installed in the following locations:
  - East side (Main to Chambers)
  - West side (Russell to Main)
- Concrete sidewalks will commence on the east side from Main to Chambers
- Electrical work will be installed on the west side of Beckwith between Main and Chambers, and then will head back up the hill to Russell Street.
- Grading for sidewalks will be completed on the east side of Beckwith from Russell to William Street, and on the east side from Main to Chambers following the electrical work.



Grading for Concrete Curbs from Main to Chambers can be seen in this photo.

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## TRAFFIC & PEDESTRIAN CONTROL

On Monday August 10<sup>th</sup> Main Street West will be restricted to one lane, however the Contractor will have assistance from Smiths Falls Police to help direct traffic through.

Pedestrian movements will continue to change daily; however, it should be noted that the sidewalk corridor from Main Street to Chambers Street on the west side will be slightly restricted as electrical conduits are installed.

The Contractor will continue to monitor the granular roadway between Main and Chambers. Heavy rainfall in the previous week created a few recurring potholes which have since been repaired.

## DID YOU KNOW?

Whether your installing sewers 5 meters below ground or grading gravel for sidewalks, nearly all construction activities require proper survey and layout information in order to be properly installed to follow approved construction drawings.

In order to achieve this, all new infrastructure has a design grade or elevation provided on the drawings, as well as Northing and Easting information. These elevations use a standard metric baseline and are determined by their height above sea level. So, for example, on Beckwith Street the sidewalk in the photo below is to be installed at an elevation of 123.83 (meters above sea level).

To confirm the elevation of the material in the field a Contractor will typically use either a self-leveling laser (tripod shown in the photo below) accompanied with a receiver mounted on a measuring rod, or they will use expensive GPS equipment (seen standing against the building in the photo) which can detect your latitude, longitude, and elevation to within 1 centimeter in each direction!

