Western Design Competition: York Street Sewer Separation

Project Description:

York Street, between the Thames River and Colborne Street, currently has combined sewers which are over 100 years old. These combined sewers need to be replaced with new separated storm and sanitary sewers to reduce potential sewer overflows and basement flooding. The York Street underground corridor, however, is also very congested with old watermain and many other utilities including London Hydro, Bell, Rogers, and others which makes it challenging to find space to replace one combined pipe with two new separated pipes.

York Street, through the downtown core, also has multiple surface destination locations, such as Via Rail station, and Greyhound bus station.

The objective of this project will be to assess the underground infrastructure of York Street and identify suitable running alignments for new sewers and watermain. Some drainage area analysis can also be undertaken to identify suitable pipe sizes. On the surface, York Street surface/landscape improvements could also be identified to beautify and renew York Street, both above and below the ground!