Welcome

Virtual Presentation

Reconstruction Project

Guelph Street (Lancaster Street West to St Vincent Street)

Englewood Place (Guelph Street to End)

November 12, 2020

Posted Online
Project Information

Reconstruction Project

Guelph Street (Lancaster Street West to St Vincent Street)
Englewood Place (Guelph Street to End)

Purpose of the Meeting: To present for public comment and input, the proposed reconstruction details.

Project Description: The existing storm and sanitary sewers, watermains, as well as service connections, curbs, sidewalk, and the road structure will be replaced.

Project Funding: This project is funded by the ratepayers of Kitchener.

Construction Schedule: Construction is anticipated to begin in early April/May 2021 with paving complete by November 2021.

Contractor: TBD

Project Management: City of Kitchener Development Services Department, Engineering Services Division.

Personnel to Contact: Should you have any questions or comments about this project and wish to speak with someone personally, you may call:
Diana Lupsa, P.Eng. 519-741-2200 ext.7815, Diana.Lupsa@kitchener.ca
Arend Lootsma, P.Eng., 519-585-2255, Arend.Lootsma@ibigroup.com
Project Highlights

Guelph Street (Lancaster Street West to St Vincent Street)

- Overview of work:
  - Complete Reconstruction of Guelph Street including new curbs, sidewalks, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer including infiltration of ground water.

- Proposed changes from existing roadway:
  - Reduction of street width from existing 8.7m to 7.0m to meet City of Kitchener Complete Streets guidelines. Parking to remain on west side of street and remain restricted on the east side of the street.
  - Addition of new Multi Use Trail (MUT) on east side of street from Lancaster Street West to trail within Lips Park.
  - Increase in sidewalk width from existing 1.5m to 1.8m to meet City of Kitchener Complete Streets guidelines.

The next two slides will illustrate the identified changes.
THE POSITION OF THE POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

THE CONTRACTOR SHALL CONFIRM THE POSITION AND EXACT LOCATION OF ALL SUCH UTILITIES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM MADE DURING THE COURSE OF THE CONTRACT WORK.

NOTES:
- SERVICE CONNECTIONS
  - ALL WATER SERVICE CONNECTIONS ARE 25mm∅ P.E. PIPE WITH SERVICE BOXES SET ON PROPERTY LINE, UNLESS OTHERWISE NOTED
  - STORM SERVICES ARE 150mm∅ PVC DR 28, AND CONNECTION TO EXISTING WILL BE AT PROPERTY LINE, UNLESS OTHERWISE DIRECTED.
  - SANITARY SERVICES ARE 100mm∅ OR 150mm∅ PVC DR 28, AND CONNECTION TO EXISTING WILL BE AT PROPERTY LINE, UNLESS OTHERWISE DIRECTED.
  - FOR PARALLEL INSTALLATION OF WATERMAIN AND A SANITARY/STORM SEWER (INCLUDING A CATCHBASIN LEAD), PROVIDE MINIMUM 2.5m CLEAR HORIZONTAL SEPARATION DISTANCE FROM PIPE EDGE TO PIPE EDGE. FOR CROSSING OF A WATERMAIN BELOW OR ABOVE A SANITARY/STORM SEWER (INCLUDING A CATCHBASIN LEAD) PROVIDE A 0.5m CLEAR VERTICAL SEPARATION DISTANCE BETWEEN CROWN WATERMAIN AND INVERT OF SEWER.

- OTHER UTILITIES
  - TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE RESPONSIBILITY OF CONTRACTOR.

- SERVICE CONNECTION INFORMATION MAY BE INCOMPLETE, OR ONLY GENERALLY ACCURATE. SOME SANITARY SERVICES MAY ALSO HAVE SEPARATE CELLAR DRAIN PIPES.

- PROPOSED SANITARY AND/OR WATER SERVICES TO BE TUNNELLED TO AVOID CONFLICTS WITH TREES, PLANTING BEDS, ETC.

- IDENTIFIES LOTS APPEARING TO HAVE MULTIPLE SANITARY SERVICES.

- boreholes
  - manholes, catchbasin manholes, catchbasins

  - grate elevations are the finished pavement elevation at the centre of the structure.
  - side inlet catchbasin grate elevation are the top of curb elevation.

  - manhole taper cones and frames shall be rotated to ensure the cover is not positioned in the wheel path.

- storm sewer pipe material
  - unless otherwise noted as per the DGSSMS C.3.1.7 THE CONTRACTOR MAY CHOOSE TO INSTALL EITHER PVC DR-35 (CSA B182.2) OR HDPE (CSA 182.8 - WATERTIGHT GASKETS) WITH INTEGRAL BELL AND PVC (CSA 182.2) FITTINGS, OR CONC.

  - REFER TO REPORT No: 160-P-0016322-0-15-114-GE-R-0001-00 AND 160-P-0016322-0-14-113-GE-R-0001-00 BY ENGLOBE DATED NOVEMBER 2018.

ENGLEWOOD PLACE:
- HL3 SURFACE ASPHALT-40mm
- HL4 BINDER ASPHALT-80mm
- GRANULAR "A" BASE-210mm
- GRANULAR "B" BASE-400mm

PROPERTY LINE
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PAVEMENT STRUCTURE

GUELPH STREET:
HL3 SURFACE ASPHALT-40mm
HL4 BINDER ASPHALT-80mm
GRANULAR "A" BASE-210mm
GRANULAR "B" BASE-450mm

ALL RESIDENTIAL DWY.'S PER COK 109. ALL SIDEWALK RAMPS PER COK 116, AND 117. SIDEWALK AT INDUSTRIAL, COMMERCIAL AND HIGH DENSITY RESIDENTIAL PROPERTIES TO BE A THICKNESS OF 200mm.

OTHER UTILITIES

TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE RESPONSIBILITY OF CONTRACTOR.

- PROPOSED SANITARY AND/OR WATER SERVICES TO BE TUNNELLED TO AVOID CONFLICTS WITH TREES, PLANTING BEDS, ETC.

- IDENTIFIES LOTS APPEARING TO HAVE MULTIPLE SANITARY SERVICES.

BOREHOLES

MANHOLES, CATCHBASIN MANHOLES, CATCHBASINS

FOR MANHOLES, CATCHBASIN MANHOLES, AND CATCHBASINS GRATE ELEVATIONS ARE THE FINISHED PAVEMENT ELEVATION AT THE CENTRE OF THE STRUCTURE.
SIDE INLET CATCHBASIN GRATE ELEVATION ARE THE TOP OF CURB ELEVATION.
MANHOLE TAPER CONES AND FRAMES SHALL BE ROTATED TO ENSURE THE COVER IS NOT POSITIONED IN THE WHEEL PATH.

STORM SEWER PIPE MATERIAL

UNLESS OTHERWISE NOTED AS PER THE DGSSMS C.3.1.7 THE CONTRACTOR MAY CHOOSE TO INSTALL EITHER PVC DR-35 (CSA B182.2) OR HDPE (CSA 182.8 - WATERTIGHT GASKETS) WITH INTEGRAL BELL AND PVC (CSA 182.2) FITTINGS, OR CONC.

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Project Highlights

Englewood Place (Guelph Street to End)

• Overview of work:
  • Complete Reconstruction of Englewood Place including new curbs, sidewalks, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer including infiltration of ground water.
  • The existing watermain that currently connects to Lancaster Street through an easement between 32 and 24 Englewood Place is also scheduled for replacement.

• Proposed changes from existing roadway:
  • Add new curb and gutter around entire street
  • Increase in sidewalk width from existing 1.5m to 1.8m to meet City of Kitchener Complete Streets guidelines.

The next slide will illustrate the identified changes on Englewood Place.

The slide after that indicates the watermain work out to Lancaster Street.

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