Welcome

Virtual Presentation

Reconstruction Project

Stewart Street (Park Street to End)
Joseph Street (Victoria Street to End)

November 2021

Posted Online
Project Information

Reconstruction Project

Stewart Street (Park Street to End) and Joseph Street (Victoria 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 May 2022 with paving complete by September 2022.

Contractor: TBD

Project Management: City of Kitchener Infrastructure 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

Stewart Street (Park Street to End)

- Overview of work:
  - Complete Reconstruction of Stewart Street including new curbs, sidewalks, multi-use trail, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer.

- Proposed changes from existing roadway:
  - Reduction of street width from existing 8.3m to 6.0m to meet City of Kitchener Complete Streets guidelines. Parking on one side of the street.
  - 1.5m curbside sidewalk with a 0.3m stamped concrete buffer between sidewalk and back of curb to meet City of Kitchener Complete Streets guidelines.
  - Addition of a 3.0m multi-use trail on the south side of the street to connect to the completed trail through Cherry Park and provide connection for the planned trail to King Street Transit Hub.

- The next two slides will illustrate the identified changes with proposed layout overlaid on top of the existing aerial image.
PARK STREET

325
326
327
328
329
330
331
332
333
334

MATCHLINE = STA. 0+140

PARK STREET

STEWART STREET

H1:250  V1:50

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.

PAVEMENT STRUCTURE

HL3 SURFACE ASPHALT-40mm
HL4 BINDER ASPHALT-80mm
GRANULAR "A" BASE-150mm
GRANULAR "B" BASE-400mm

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.

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.

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.
PROPOSED WORKS
FROM STA. 0+140 TO STA. 0+230
STEWART STREET

H1:250  V1:50

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MATCHLINE = STA. 0+140
Project Highlights

Joseph Street (Victoria Street to End)

• Overview of work:
  • Complete Reconstruction of Joseph Street including new curbs, sidewalks, multi-use trail, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer.

• Proposed changes from existing roadway:
  • Reduction of street width from existing 8.5m to 6.5m to meet City of Kitchener Complete Streets guidelines.
  • Extension of the 1.5m wide sidewalk along the west side of Joseph Street for the entire length of the street.
  • Addition of a 3.0m multi-use trail on the east side of the street to link to new bike lanes south of Victoria Street and proposed trail to King Street Transit Hub at the north end of Joseph Street.

The next two slides will illustrate the identified changes with proposed layout overlaid on top of the existing aerial image.
PROPOSED WORKS
FROM STA. 0+020 TO STA. 0+160
JOSEPH STREET

H1:250  V1:50
NORTH

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OTHER UTILITIES

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STORM SEWER PIPE MATERIAL

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PROPOSED WORKS FROM STA. 0+160 TO STA. 0+320

JOSEPH STREET

VICTORIA STREET SOUTH

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The multi-use trails on Stewart Street and Joseph Street will complete the trail network connecting to the Future ROW Transit Hub on King Street and the Downtown Cycling Network.
Questions?

Personnel to contact should you have any questions or comments about this project and wish to speak with someone personally, you may call:

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