WELCOME

Virtual Presentation

Reconstruction Project:
Cambridge Avenue
(Bruce Street to Sherwood Avenue)

June 2021
Project Information

Reconstruction Project
Cambridge Avenue (Bruce Street to Sherwood Avenue)

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

Project Description:
New storm sewer (including low impact development, LID), sanitary sewer, watermain and associated services, curbs, sidewalks, and road structure will be replaced.

Project Funding:
This project is funded by the rate payers of the City of Kitchener.

Construction Schedule:
Construction is planned for April 2022.

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:
Shailesh Shah, P.Eng., 519-741-2200 ext.7144, Shailesh.Shah@kitchener.ca
Vince Pugliese, P.Eng., MBA, PMP, 519-743-6500 ext.1347, VPugliese@mte85.com
Welcome to this virtual Public Information Centre presentation, organized by the City of Kitchener, Development Services Department, Engineering Services Division. This project is being managed and coordinated by the City of Kitchener and funded through sewer and water reserves, and Will Not result in a direct cost to the homeowner.

The purpose of this presentation is as follows:

- To provide an opportunity for the public and property owners to review design details
- To present existing and proposed conditions drawings, and streetscape concepts within the project limits
- To provide a forum for comments by the public and property owners, which may be taken into account in the final design detailing for the project.

All members of the public and property owners are invited to:

- Review the online documentation
- Consult with the project team members
- Review the displays depicting the existing and proposed project details and discuss any design issues or impacts on your community and/or property
Project Highlights
Cambridge Avenue (Bruce Street to Sherwood Avenue)

Overview of Work:

- This project is a complete reconstruction of Cambridge Avenue including new curbs, sidewalks, asphalt roadway, sanitary sewer and services, watermain and services and storm sewer (including a new Low-Impact Development, LID)

Proposed Changes from Existing Roadway:

- Reduction of street width from existing 9.5m to 7.0m to adhere to the City of Kitchener Complete Streets Guidelines.
- Addition of Low-Impact Development (LID) Facility that follows the City of Kitchener
- Addition of traffic calming measures at Cambridge Avenue intersections with Heather Avenue and Krug Street

The following slides will illustrate the identified changes with the proposed layout of Cambridge Ave.
EXISTING CONDITIONS & REMOVALS - CAMBRIDGE AVE - FROM STA 0+000 TO 0+100

APPROVED BY:

CITY OF The Corporation Of The KITCHENER Development Services Engineering Division

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JXR/JXM

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NOTES:

CAMBRIDGE AVE.

OTHERWISE DIRECTED.

CONNECTION TO EXISTING WILL BE AT PROPERTY LINE, UNLESS
SANITARY SERVICES ARE 100mm Ø OR 150mm Ø PVC SDR 28, AND
SERVICE BOXES SET ON PROPERTY LINE, UNLESS OTHERWISE NOTED

ALL WATER SERVICE CONNECTIONS ARE 25mm Ø P.E. PIPE WITH
BOREHOLES

REFER TO GEOTECHNICAL INVESTIGATION REPORT BY ENGLOBE

HL4 BINDER ASPHALT-80mm

HL3 SURFACE ASPHALT-40mm

PAVEMENT STRUCTURE

GRANULAR "A" BASE-150mm

GRANULAR "B" BASE-600mm

OTHER UTILITIES

RESPONSIBILITY OF CONTRACTOR.

BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE
TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED
ALL DWY.'S PER KES M-64. ALL S/W RAMPS PER KES M-74.

160-P-0010371-4-15-114-GE-R-0001-00 DATED NOVEMBER 24, 2016.

Engineers,

 Scientists,

 Surveyors

TREE MANAGEMENT

KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)

FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF

MATCH LINE=STA.0+100

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BRUCE STREET

BRUCE STREET

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EXISTING CONDITIONS & REMOVALS - CAMBRIDGE AVE - FROM STA 0+100 TO 0+220

NOTES:

CAMBRIDGE AVE.

OTHERWISE DIRECTED.
SANITARY SERVICES ARE 100mm ∅ OR 150mm ∅ PVC SDR 28, AND SERVICE BOXES SET ON PROPERTY LINE, UNLESS OTHERWISE NOTED

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REFER TO GEOTECHNICAL INVESTIGATION REPORT BY ENGLOBE

HL4 BINDER ASPHALT-80mm
HL3 SURFACE ASPHALT-40mm
PAVEMENT STRUCTURE
GRANULAR "A" BASE-150mm
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TREE MANAGEMENT

KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)

FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF
EXISTING CONDITIONS & REMOVALS - CAMBRIDGE AVE - FROM STA 0+220 TO 0+340

NOTES:
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- ALL WATER SERVICE CONNECTIONS ARE 25mm ∅ P.E. PIPE WITH BOREHOLES
- REFER TO GEOTECHNICAL INVESTIGATION REPORT BY ENGLOBE
- HL4 BINDER ASPHALT-80mm
- HL3 SURFACE ASPHALT-40mm
- PAVEMENT STRUCTURE
  - GRANULAR "A" BASE-150mm
  - GRANULAR "B" BASE-600mm
- OTHER UTILITIES responsibility of contractor.
- BY KITCHENER-WILMOT HYDRO. ALL ASSOCIATED COSTS WILL BE THE
- TEMPORARY SUPPORT OF EXISTING UTILITY POLES MUST BE APPROVED
- ALL DWY.'S PER KES M-64. ALL S/W RAMPS PER KES M-74.

TREE MANAGEMENT
- KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)
- FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF
- MATCH LINE=STA.0+340

Engineers, Scientists, Surveyors
EXISTING CONDITIONS & REMOVALS - CAMBRIDGE AVE - FROM STA 0+340 TO 0+460

NOTES:

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- OTHER UTILITIES
  - RESPONSIBILITY OF CONTRACTOR.
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- TREE MANAGEMENT
  - KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)
  - FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF
- MATCH LINE=STA.0+460
- CAMBRIDGE AVENUE

HEATHER AVENUE

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737 HEATHER AVENUE
4 of 18
EXISTING CONDITIONS & REMOVALS - CAMBRIDGE AVE - FROM STA 0+460 TO 0+580

NOTES:

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- OTHERWISE DIRECTED.

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- HL4 BINDER ASPHALT-80mm
- HL3 SURFACE ASPHALT-40mm
- PAVEMENT STRUCTURE
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- OTHER UTILITIES
- RESPONSIBILITY OF CONTRACTOR.

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- TREE MANAGEMENT
- KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)

FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF

C A M B R I D G E  A V E N U E
EXISTING CONDITIONS & REMOVALS - HEATHER AVENUE & KRUG STREET

NOTES:

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TREE MANAGEMENT

KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)

FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF HEATHER AVENUE OF 15 CAMBRIDGE AVENUE
WARNING:树管理

注意：KITCHENER TREE MANAGEMENT PLANS (DWG No. TM-1 TO TM-5)

FOR TREE REMOVALS AND/OR PROPOSED PLANTINGS, SEE CITY OF

NOTE:
1) Maintain minimum 0.5m vertical clearance between all watermains and sewers. Where watermain is deflected, ensure 2.0m cover is achieved or watermain is insulated.
2) Maintain vertical clearance at all other crossings.
3) Existing and proposed watermain depths are approximate only. Notify Design Engineer of any discrepancies.
4) Contractor to verify all existing inverts prior to product ordering. Notify Design Engineer of any discrepancies.
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EXISTING CONDITIONS & REMOVALS - HEATHER AVENUE & KRUG STREET

APPROVED BY:

CITY OF KITCHENER
Development Services
Engineering Division

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construction
true
NORTH
NORTH

BENCHMARK SURVEY

DESIGNED BY:

JXR/JXM

SHEET No.

CONSULTANT DWG. No.

DRAWN BY:

SCALE:

DATE: 12.13.19

CHECKED BY:

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QUESTIONS?

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