Public Information Centre No. 1

WELCOME

County Road 48 Reconstruction
Ontario Street, Quebec Street, George Street & Mary Street,
Town of Havelock

Detailed Design Study

Date: October 26, 2017
Welcome to the first Public Information Centre (PIC) meeting.

Please record your attendance and obtain a comment sheet at the registration desk.

Please review the various display boards.

Should you have any questions regarding the presentation materials or any aspect of the study, please speak with the County, Township or Consultant study team members in attendance.

The purpose of this Public Meeting is to receive your input and feedback during the planning stage of this project.

A timeline for reconstruction and a budget for the work has not yet been established.

Please deposit completed comment sheets in the comment box or mail/email to the address at the bottom of the form on or before November 16, 2017.

There is an opportunity at any time during the Design study process for interested persons to provide written input.

Any comments received will be collected under the Environmental Assessment Act and, with the exception of personal information, will become part of the public record.
Introduction

The County of Peterborough and the Township of Havelock Belmont Methuen have initiated a Detailed Design Study to address road and municipal servicing infrastructure renewal requirements.

The purpose of this project is to address pavement and drainage deficiencies, including the following:

- Correct pavement distress, settlement and heaving;
- Extend the service life of the pavement structure;
- Improve pavement ride quality;
- Alleviate poor drainage and water ponding on the travel road surface;
- Upgrade the existing rural/semi-urban road cross section to current urban road cross section standards, including curb and gutter, subdrains and storm sewers;
- Improve the configuration and safety of the CR 48 (George St)/Mary Street intersection;
- Replace aging watermain and services to reduce maintenance needs and restore flows;
- Replace aging sanitary sewer and services to reduce maintenance needs and restore capacity;
- Extend and replace the existing concrete sidewalks to conform with current standards;
- Improve pedestrian and vehicular safety by improving sight lines and sight visibility at intersections; and
- Review of existing overhead utilities.
Project Limits

The planned improvements on County Road 48 extend from County Road 46 to Mary Street, a distance of approximately 1,700 metres. The affected streets include Ontario Street, Quebec Street, George Street and Mary Street in the Town of Havelock. Refer to the below study map.
County Road 48 Reconstruction

Existing Conditions

Detailed Design Study
County Road 48 Reconstruction

Existing Conditions

[Image of aerial views of County Road 48 with labels for George Street and Google Earth]
Existing Conditions
Supporting Background Data

- Topographical and Boundary Survey
- Subsurface Utility Survey
- CCTV Sanitary Sewer and Storm Sewer Inspection
- Geotechnical Investigation and Pavement Design Report
- Drainage and Hydrology Analysis
Road Design Options Considered

A. 2-Lane Urban Road with On-Street Parking on North Side
B. 2-Lane Urban Road with On-Street Parking on South Side
C. 2-Lane Urban Road with On-Street Parking on North and South Side

Sidewalk Design Options Considered

A. Replace Concrete Sidewalk on North Side
B. Replace Concrete Sidewalk on South Side
C. Replace Concrete Sidewalk on North and South Side

Municipal Servicing & Drainage Design Upgrades

- Replace Existing Watermain and Services (to the property line)
- Replace Existing Sanitary Sewer and Services (to the property line)
- Extend / Replace Existing Storm Sewer
Preliminary Recommended Design

Area 1 – Ontario Street from County Road 46 to Quebec Street

- 4.0 m Wide Travel Lanes
- 2.5 m Wide Parking Lane on North Side
- 1.8 m Wide Concrete Sidewalk on North Side
- 2.0 m Wide Asphalt Boulevard on South Side

Area 2 – Quebec Street from Ontario Street to George Street & George Street from Quebec Street to Victoria Street

- 3.0 m Wide Travel Lanes
- 2.5 m Wide Parking Lanes on Both Sides of the Road
- 1.5 m Wide Concrete Sidewalks on Both Sides of the Road
- Streetscape (Landscape) ‘Bump-Out’ Boulevard Treatment at Intersection Radii to Maintain Safe Sight Lines
- Streetscape Community Improvement Boulevard Treatments in Selected Boulevard Areas

Area 3 – George Street from Victoria Street to Mary Street

- 3.0 m Wide Travel Lanes
- 2.5 m Wide Parking Lanes on Both Sides of the Road Where Feasible
- 1.5 m Wide Concrete Sidewalks on Both Sides of the Road
- Streetscape (Landscape) ‘Bump-Out’ Boulevard Treatment at Intersection Radii to Maintain Safe Sight Lines
- Streetscape Improvements in Boulevard Area (Grass Treatment and/or Hatched Paint Markings) Where Constrained Due to Utilities and Services
Area 1 - Ontario Street Preliminary Recommended Design
Area 2 – Quebec Street & George Street Preliminary Recommended Design

North (Quebec St.)

North (George St.)
Area 2 Community Improvement Details - Examples

- Landscape ‘Bump-Outs’
- Interlocking Brick Boulevard Treatment
- Planter Boxes
- Tree Landscaping
County Road 48 Reconstruction

Area 3 – George Street (East) Preliminary Recommended Design

North

Landscape Treatment

Painted Treatment

Detailed Design Study
Typical Streetscape (Landscape) ‘Bump-Out’ Treatment at Intersections
Area 1 - Ontario Street Preliminary Concept Plan

Refer to Roll Plan
County Road 48 Reconstruction

Area 2 – Quebec Street & George Street Preliminary Concept Plan

Refer to Roll Plan

Detailed Design Study
Area 3 – George Street (East) Preliminary Concept Plan

Refer to Roll Plan
Mary Street Intersection Option 1

George St. E.

Prop P/L

Mary St.

Prop P/L

County Road 48 Reconstruction

Detailed Design Study
A ‘high level’ review of the existing storm sewer systems throughout the Town of Havelock is being carried out to identify potential deficiencies.

There are two (2) drainage outlets, both of which cross under Highway 7 (Ottawa Street) and the railway tracks; the west outlet discharges to a wetland south of the railway whereas the east outlet discharges to an open ditch adjacent to the Rotary Park pond.

The west outlet is a 600 mm diameter corrugated steel pipe. This pipe has shallow cover and is over 40 years old. As such, it is near the end of its functional service life. Rehabilitation or replacement of this pipe is being considered to mitigate a potential flood risk should the pipe collapse or fail.
County Road 48 Reconstruction

### Preliminary Recommended Concept

- Full road reconstruction to a 2-lane urban cross section, including curb and gutter, subdrains & new storm sewer
- Maintain parking on the north side of Ontario Street
- Maintain parking on the west & east side of Quebec Street
- Maintain parking on the north & south side of George Street from Quebec St to Victoria St
- Maintain and extend parking on the north & south side of George Street - Victoria St to Mary St where feasible
- Replace the concrete sidewalk on the north side of Ontario Street and maintain paved boulevard on the south side of the road to permit unobstructed access to the loading bays for the commercial businesses
- Replace the concrete sidewalk on the north and south side of George Street from Quebec St to east of William St
- Extend the concrete sidewalk on George St (both sides) from east of William St to Mary St
- Reconfigure the intersection of George Street and Mary Street to improve traffic operations and safety
- Prohibit parking at intersections to improve sight lines, sight visibility, turning movements, roadway operations and intersection safety
- Provide streetscape community improvements in selected locations within the George Street boulevard from Quebec St to Victoria St
- Replace existing watermain and sanitary sewers and services
**NEXT STEPS**

- Review and consider public comments
- Finalize Evaluation and Selection of the Preferred Design Cross Section
- Prepare Design Drawings
- Hold a second PIC in 2018 to present the preferred design and receive public input and comments
- Review and consider Public Comments
- Finalize the Design
- Prepare a Contract Tender

**Timing of construction has not been determined and will be subject to the availability of funding.**
YOUR COMMENTS ARE IMPORTANT TO US

Please Complete a Comment Sheet or Take One Home With You Before You Leave. Comment Sheets May be Placed in the Comment Box or Returned to the Study Team by Email or Mail to either:

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PIC display board information will be available on the County of Peterborough website (www.ptbocounty.ca) and the Township of Havelock-Belmont-Methuen website (www.hbmtwp.ca).

To maintain the project schedule, please provide your comments by November 16, 2017.