Dryden Boulevard Extension
Municipal Class Environmental Assessment

Welcome to Public Open House No.1

The major elements presented today are:

- Study Objective
- Study Area
- Municipal Class EA Process
- Transportation Needs Assessment
- Existing Transportation Conditions
- Future Transportation Conditions – Without Dryden Extension
- Future Transportation Conditions – With Dryden Extension
- Problem and Opportunity
- Next Steps
Study Objective:

The Town of Whitby is undertaking an Environmental Assessment (EA) to examine the need for an extension of Dryden Boulevard from Deverell Street to Thickson Road to accommodate the anticipated growth in the area.

The Study will:

- Identify problems and opportunities
- Identify alternative solutions and evaluate based on environmental impacts
- Select the preferred alternative solution

Figure 1 – Dryden Boulevard (looking east from its existing east end)

Figure 2 – Dryden Boulevard (looking west from Thickson Road)
Study Area:

The Study Area in this EA project extends from Anderson Street to Garrard Road, and from Taunton Road to Rossland Road.

Figure 3 – Study Area
Municipal Class EA Process

The Municipal Class EA is a planning and design process approved by the Ministry of the Environment and Climate Change (MOECC) to meet the requirements of the Ontario Environmental Assessment Act. This EA study follows the Municipal Class EA process for Schedule ‘B’ projects.

For this study, a higher level of consultation will be conducted which is sufficient to meet the more stringent consultation requirements for a Schedule ‘C’ Project.

Figure 4 – Municipal Class EA Process
The following studies will be completed as part of this EA project:

1. Transportation Needs Assessment
2. Noise Assessment
3. Archeological Assessment (Stage 1)
4. Archeological Assessment (Stage 2 if needed)
5. Natural Environment Assessment
6. Cultural and Heritage Assessment
7. Air Quality Assessment
8. Geotechnical Investigation
9. Conceptual Road Alignment Alternatives
10. Stormwater Management (SWM)

The result of all the above studies and assessments will be documented and included in the Project File Report (PFR). The PFR will be available for public review upon completion of the EA project.

Figure 5 – Studies included in this EA project
Transportation Needs Assessment
The Town’s Transportation Master Plan (TMP) has identified opportunities to create continuous east-west streets including the missing links along Dryden Boulevard between Anderson Street and Thickson Road.

A Transportation Needs Assessment was conducted to determine the existing and future transportation conditions with and without the addition of the Dryden Boulevard extension. The assessment examined a wider study area that includes Taunton Road and Rossland Road from Brock Street to Thornton Road.

Future transportation conditions must consider the need for future long-term network improvements, as per the Regional TMP for the study area, due to the increase in:

- Traffic
- Transit
- Active mode participation (cycling, walking, etc..)
- Population
- Employment Opportunities
- Future Developments
Existing Transportation Conditions

The Transportation Needs Assessment examined the existing transportation conditions within an area from Taunton Road to Rossland Road, and from Brock Street to Thornton Road.

Results

During afternoon rush hour, both Taunton Road and Rossland Road in the eastbound direction are currently approaching capacity.

- Eastbound Taunton Road at Thickson Road is at 88% Capacity
- Eastbound Rossland Road at Thickson Road is at 92% Capacity
Future Transportation Conditions – Without Dryden Boulevard Extension

The Transportation Needs Assessment examined the traffic impact in the eastbound direction on Taunton Road East and Rossland Road without the Dryden Boulevard extension in place during afternoon rush hour (peak hour) in the year 2041:

Results

Eastbound Taunton Road at Thickson Road will be at 98% Capacity
Eastbound Rossland Road at Thickson Road will be at 101% Capacity
Future Transportation Conditions – With Dryden Boulevard Extension

The Traffic study examined the traffic impacts in the eastbound direction on Taunton Road East and Rossland Road with the Dryden Boulevard extension in place during rush hour traffic (Peak Hour) in the year 2041:

<table>
<thead>
<tr>
<th>Traffic Volume vs Capacity</th>
<th>Direction of Travel</th>
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**Results**

Eastbound Taunton Road at Thickson Road will be at **85% Capacity**

Eastbound Dryden Boulevard at Thickson Road will be at **77% Capacity**

Eastbound Rossland Road at Thickson Road will be at **87% Capacity**
Problem and Opportunity

Dryden Road currently terminates just east of Deverell Street and at Thickson Road in Whitby. Based on the Transportation Needs Assessment, other east-west roads such as Taunton Road and Rossland Road will approach or exceed their capacity. Being one of the key collector streets in the area to support local mobility and access, the completion of this missing link along Dryden Boulevard will provide the following benefits:

- Mitigate capacity issues on adjacent eastbound and westbound roads
- Improve connectivity between adjacent neighbourhoods
- Support active transportation (i.e. bike lanes, multi-use paths, etc.)
- Reduce local trip lengths
- Provide a safe operating environment for pedestrians
- Improve transit ridership by connecting the neighborhood to transit services on Thickson Road
- Support future developments

Figure 9 - Bus stop along Thickson Road at Dryden Boulevard

Figure 10 – Existing sidewalk along Dryden Boulevard
Proposed Future Development

The proposed future development is bounded by Thickson Road to the east, Rossland Road to the south, existing residential to the west and north. The extension of Dryden Boulevard will be constructed through the development.

Figure 11 – Proposed Development Plan (Part) – Pending Council Final Approval
Next Steps

July 2017
- Receive feedback from Public Open House No. 1 by July 17, 2017

Fall 2017
- Review comments from Public Open House No. 1
- Identify alternative solutions
- Complete all studies for this EA project
- Evaluate alternative solutions
- Present findings at Public Open House No.2 (Fall 2017)

Late Fall 2017
- Complete Project File Report (PFR) and submit to review agencies

Winter 2017
- Issue Notice of Completion
- Post Project File Report for 30-day public review
Your feedback is very important to this study. Please let us know what you think.

You can also complete a Comment Sheet and put it in the comment box, or pass it to one of the following team members:

Horace Look, P.Eng.
Project Engineer
Engineering and Infrastructure Services Division
Town of Whitby Public Works
Tel: 905.430.4300, extension 2336
Email: lookh@whitby.ca

Dale Dionne, P.Eng., MBA, PMP
Project Director
The Municipal Infrastructure Group
Tel: 905.738.5700, extension 504
Email: ddionne@tmig.ca

Personal information in this project will be collected in accordance with the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act. With the exception of personal information, all comments will become part of the public record. Confidentiality of personal information is assured.

Thank you for attending this Public Open House.