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MEMO

To: Cycling Advisory Committee

From: Trevor Hitchon, CET

Technologist II

Transportation Planning & Design

c: Doug MacRae, Garfield Dales, Peter

Kavcic

Date: July 10, 2019

Re: Dundas Street Infrastructure Renewal

Project from Adelaide Street North to

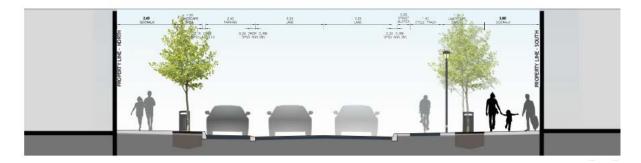
Ontario Street

The purpose of this memo is to provide a general overview of the proposed streetscape and cycle track design on Dundas Street, between Adelaide Street North and Ontario Street, with the first phase of construction planned for 2020.

This project is informed by the Council Approved East – West Bikeway Evaluation, which identified a single eastbound dedicated cycle lane on this section of Dundas Street.

Key design elements can be seen below:

Figure 1: Typical Section



- 1.50m wide raised cycle track, separated from vehicular traffic by a 0.25m wide curb and 0.60m wide buffer;
- Buffer increased at bus stops and loading zones to 0.75m;

 Further design investigations will decide whether or not the cycle track will be vertically separated from the sidewalk;

Figure 2: Dundas Street @ Elizabeth Street and Lyle Street



- Crossride through the intersection, aligned with offset cycle track at bus stop;
- Left turn queue box for cyclists turning on to Elizabeth Street;
- Narrow lane widths on Lyle Street which reduces cyclists and pedestrian crossing times;
- "No Rights On Red" scenario on Lyle Street

Figure 3: Dundas Street at Hewitt Street and English Street



- Crossride through the intersection;
- On-street bike lanes proposed on English Street through a separate infrastructure renewal program;

 In this concept, cyclists would turn left to English Street by dismounting and using the PXO. The location of the PXO is under review, and as such, the method for cyclists turning left;

Figure 4: Dundas Street at Ontario Street



- Typical raised cycle track separation transitions to on-street separated bike lane with barrier curbs and bollards installed (similar to Colborne Street);
- Left turn queue box on Ontario Street for turning left;
- Intersection to be redesigned in conjunction with future BRT projects.

A complete roll plan and other details will be shown to the Cycling Advisory Committee on July 17th, 2019 and are available online at http://www.london.ca/OldEastVillageIRP.

We appreciate any and all feedback related to this Memo and the roll plan that will be shown.