



PUBLIC TRANSIT INFRASTRUCTURE STREAM - TRANSPORTATION PROJECTS

Strategic Priorities and Policy Committee - Public Participation Meeting
March 20, 2019

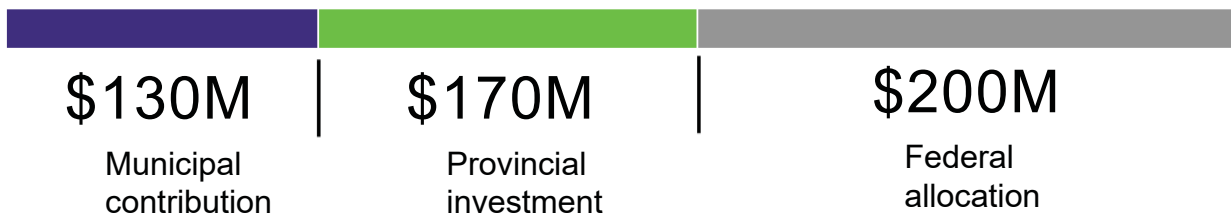


Council Resolution – February 13, 2019

- Staff ASSEMBLE a list of transportation projects that are both likely to be eligible for PTIS funding and able to be delivered within the PTIS funding window ending in March of 2028;
- the list BE CONSIDERED at a special meeting of Strategic Priorities and Policy Committee, including a Public Participation Meeting, to be held off site on Wednesday March 20, 2019 at 3:00 PM;



The Funding Opportunity

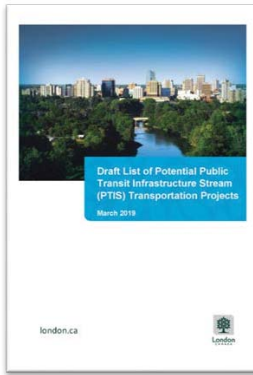


Eligibility Criteria

- ✓ Improved capacity of public transit infrastructure
- ✓ Improved quality and/or safety of transit systems
- ✓ Improved access to a public transit system



List of Potential Public Transit Infrastructure Stream Transportation Projects



Adelaide Street Underpass Active Transportation Connections

Estimated Cost: \$18.9 million
Projected Timeline: 2021 – 2022

Project Description:
This project would implement 1.2 km of new facilities for cyclists and pedestrians on Adelaide Street and Central Avenue. Multi-use paths on both sides of Adelaide Street at the Canadian Pacific Rail (CPR) underpass and cycling lane connections on Central Avenue would give pedestrians and cyclists opportunities to connect to transit along this corridor.

Work Required to Complete this Project

- Purchase the property required for the project
- Construct active transportation connections, including wide, multi-use paths on both sides of the roadway in conjunction with a larger new railway underpass project designed to improve route reliability, efficiency and safety for everyone crossing the railway

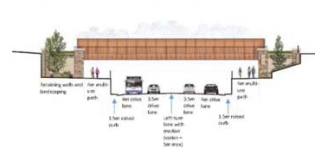
Additional Considerations:

- The Environmental Assessment for this project is complete and the detailed design phase and property acquisition for the project is currently underway, with construction planned to take place in 2021/2022.
- The identified project cost reflects only the active transportation component of the larger project cost and equates to approximately 1/3 of the total.

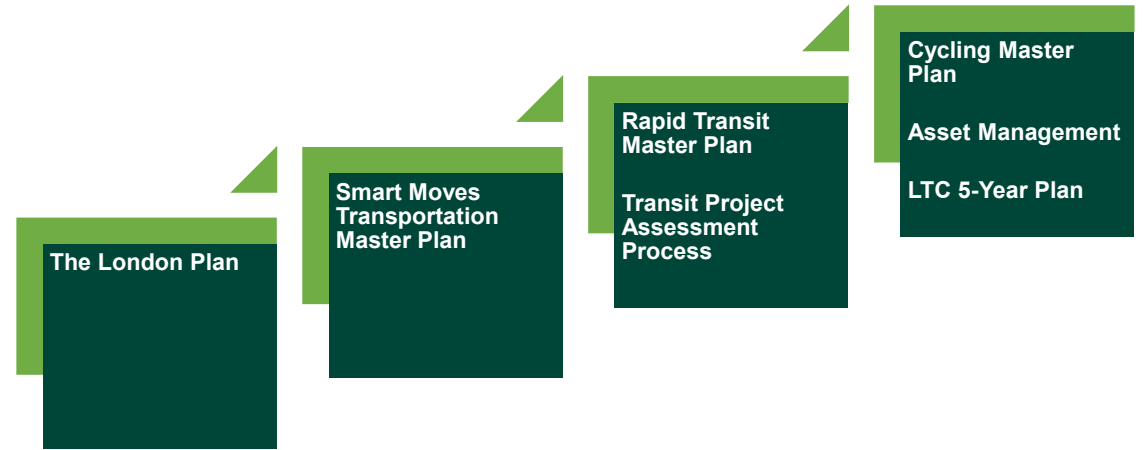
Funding Eligibility Criteria:

- ✓ Improved transit safety and quality
- ✓ Improved transit access

Cross-section view of the underpass, looking north, which features multi-use paths on both sides to connect cyclists and pedestrians to transit.



The Context



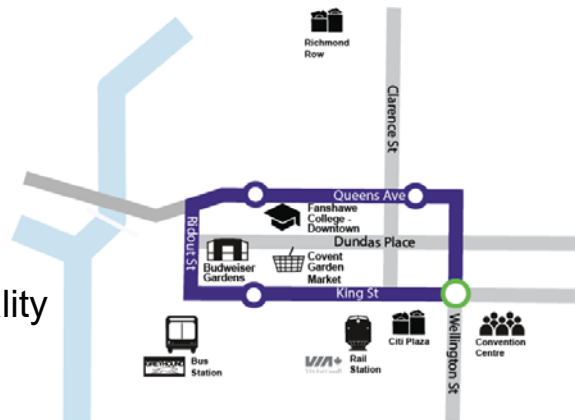
Downtown Loop

Estimated Cost: \$28.5 million

Projected Timeline: 2021 – 2023

Funding Eligibility Criteria:

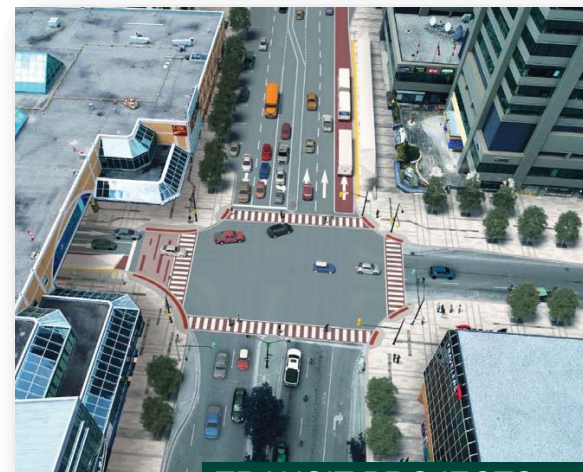
- ✓ Improved transit capacity
- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT PROJECTS



Downtown Loop



TRANSIT PROJECTS



Wellington Road Gateway

Estimated Cost: \$131.8 million

Projected Timeline: 2023 – 2026

Funding Eligibility Criteria:

- ✓ Improved transit capacity
- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT PROJECTS



Wellington Road Gateway



TRANSIT PROJECTS



Wellington Road Gateway



TRANSIT PROJECTS



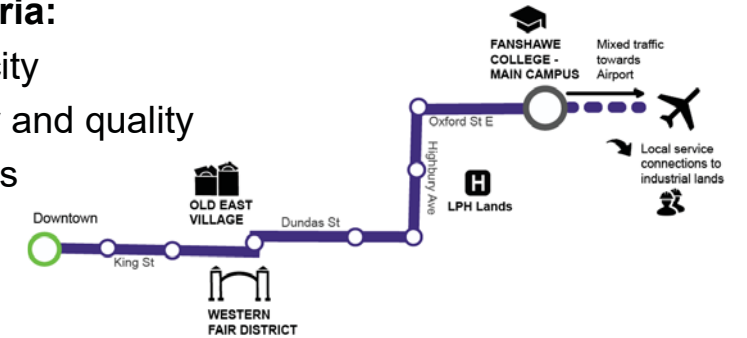
East London Link

Estimated Cost: \$120.2 million

Projected Timeline: 2022 – 2024

Funding Eligibility Criteria:

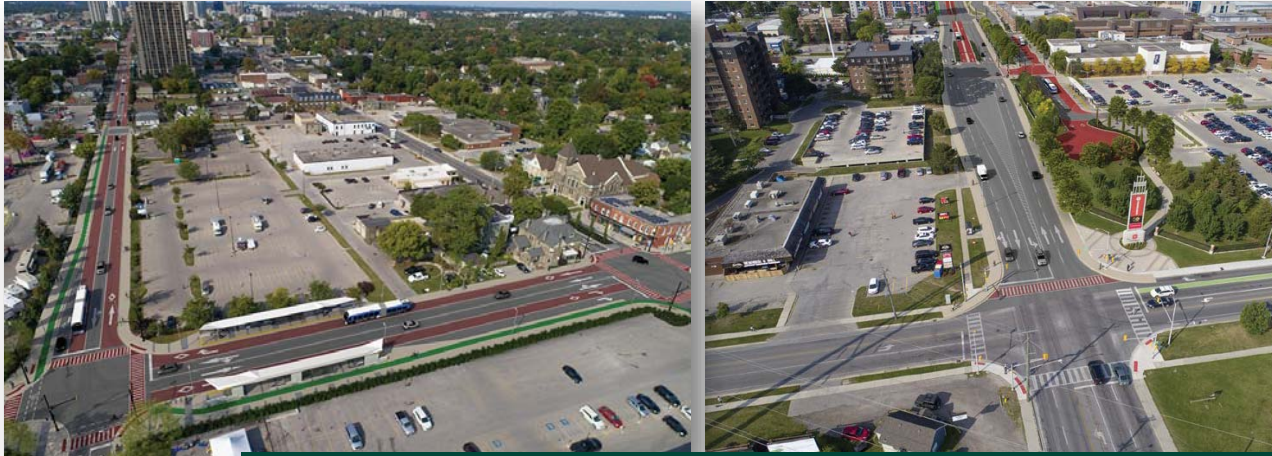
- ✓ Improved transit capacity
- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT PROJECTS



East London Link



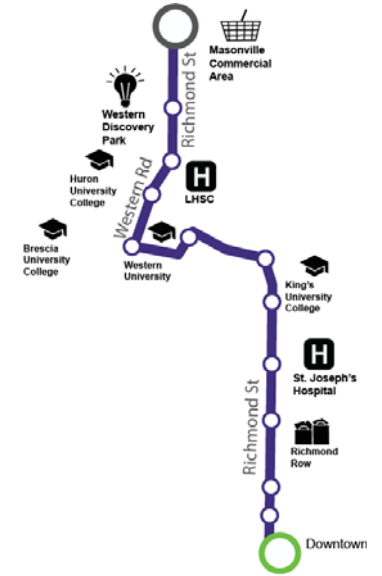
TRANSIT PROJECTS



North Connection

Estimated Cost: \$147.3 million
Projected Timeline: 2024 – 2027
Funding Eligibility Criteria:

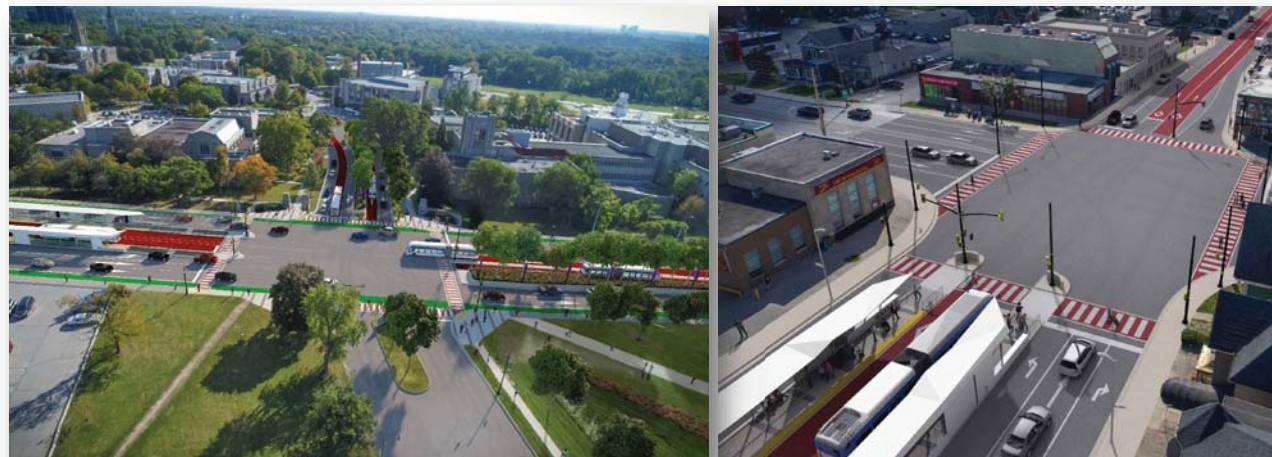
- ✓ Improved transit capacity
- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT PROJECTS



North Connection



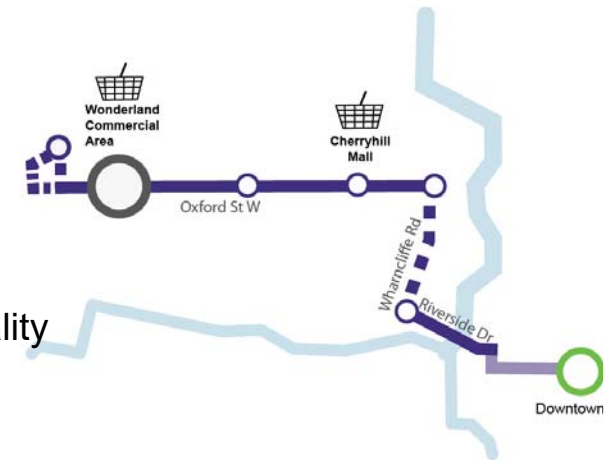
TRANSIT PROJECTS



West Connection

Estimated Cost: \$72.2 million
Projected Timeline: 2025 – 2028
Funding Eligibility Criteria:

- ✓ Improved transit capacity
- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT PROJECTS



West Connection



TRANSIT PROJECTS



Intelligent Traffic Signals

- Estimated Cost:** \$28.0 million
- Projected Timeline:** 2020 – 2028
- Funding Eligibility Criteria:**
 - ✓ Improved transit capacity
 - ✓ Improved safety and quality



Project cost includes \$15.0 million overlap with rapid transit projects.

TRANSIT PROJECTS



Expansion Buses

- Estimated Cost:** \$25.2 million
- Projected Timeline:** 2020 – 2028
- Funding Eligibility Criteria:**
 - ✓ Improved transit capacity
 - ✓ Improved transit access



TRANSIT PROJECTS



On Board Information Screens

- Estimated Cost:** \$5.0 million
- Projected Timeline:** 2020 – 2023
- Funding Eligibility Criteria:**
 - ✓ Improved transit safety and quality



TRANSIT PROJECTS



Bus Stop Amenities

- Estimated Cost:** \$1.1 million
- Projected Timeline:** 2020 – 2023
- Funding Eligibility Criteria:**
 - ✓ Improved transit safety and quality
 - ✓ Improved transit access



TRANSIT PROJECTS



Pedestrian Connectivity Improvements

- Estimated Cost:** \$21.8 million
- Projected Timeline:** 2019 – 2027
- Funding Eligibility Criteria:**
 - ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



New Sidewalks

- Estimated Cost:** \$11.1 million
- Projected Timeline:** 2020 – 2028
- Funding Eligibility Criteria:**
 - ✓ Improved transit access

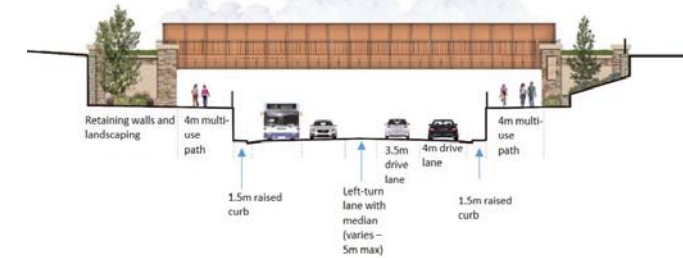


TRANSIT SUPPORTIVE PROJECTS



Adelaide Street Underpass – Active Connections

- Estimated Cost:** \$18.9 million
- Projected Timeline:** 2021 – 2022
- Funding Eligibility Criteria:**
 - ✓ Improved transit safety and quality
 - ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Active Transportation – Transit Route Bridges

Estimated Cost: \$31.4 million
Projected Timeline: 2020 – 2028
Funding Eligibility Criteria:
 ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Dundas Place Thames Valley Parkway – Active Transportation Connections

Estimated Cost: \$4.0 million
Projected Timeline: 2021 – 2022
Funding Eligibility Criteria:
 ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Dundas Street Old East Village – Streetscape Improvements

Estimated Cost: \$8.2 million
Projected Timeline: 2020 – 2022
Funding Eligibility Criteria:
 ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Oxford / Wharncliffe Intersection Improvements

Estimated Cost: \$17.8 million
Projected Timeline: 2025 – 2027
Funding Eligibility Criteria:
 ✓ Improved transit capacity
 ✓ Improved transit safety and quality



TRANSIT SUPPORTIVE PROJECTS



Cycling Routes to Downtown Transit

Estimated Cost: \$7.7 million

Projected Timeline: 2020 – 2028

Funding Eligibility Criteria:

- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Cycling Route Connections

Estimated Cost: \$38.7 million

Projected Timeline: 2020 – 2028

Funding Eligibility Criteria:

- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



Enhanced Bike Parking

Estimated Cost: \$4.0 million

Projected Timeline: 2020 – 2028

Funding Eligibility Criteria:

- ✓ Improved transit safety and quality
- ✓ Improved transit access



TRANSIT SUPPORTIVE PROJECTS



PUBLIC TRANSIT INFRASTRUCTURE STREAM - TRANSPORTATION PROJECTS

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March 20, 2019



Transportation Project List

Transit Projects:

- Downtown Loop
- Wellington Road Gateway
- East London Link
- North Connection
- West Connection
- Intelligent Traffic Signals (TIMMS)
- Expansion buses
- On-board Information Screens
- Bus Stop Amenities

Transit Supportive Projects:

- Pedestrian Street Connectivity Improvements to the Transit Network
- New Sidewalks
- Adelaide Street Underpass Active Transportation Connections
- Active Transportation Improvements across Transit Route Bridges
- Dundas Place Thames Valley Parkway Active Transportation Connection
- Dundas Street Old East Village Streetscape Improvements
- Oxford Street / Wharnccliffe Road Intersection Improvements
- Cycling Routes Connecting to Downtown Transit
- Enhanced Bike Parking