

# Wonderland Road South Improvements

## Environmental Assessment

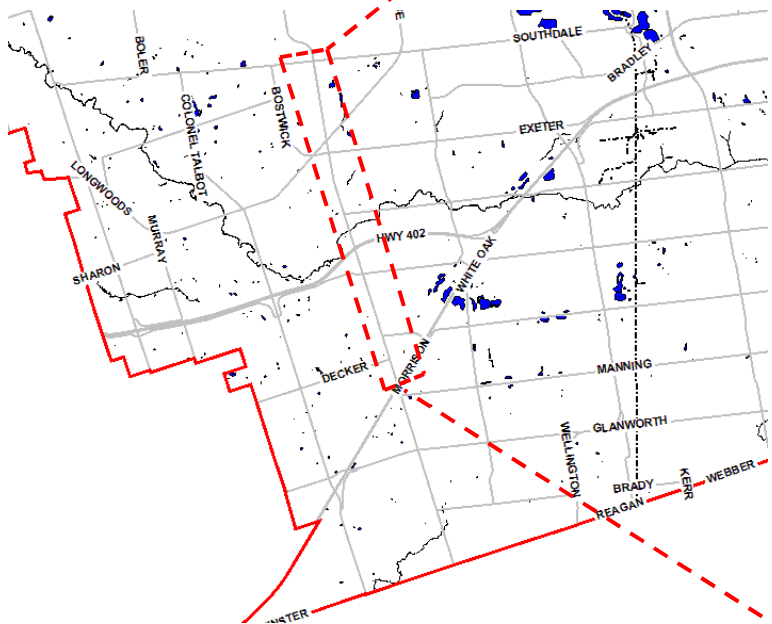
July 20, 2015

Civic Works Committee

Transportation Planning & Design



# Study Area



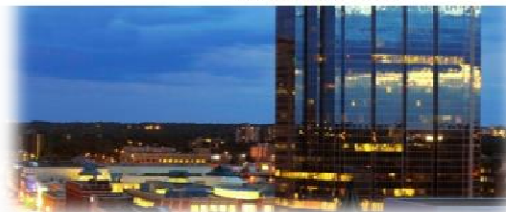




# “Building a Sustainable City”



- The Strategic Plan identifies the implementation and enhancement of convenient and connected mobility choices for cyclists, pedestrians, transit users and drivers.



- A phased series of transportation improvements based on the principles of:

- Smart Moves Transportation Master Plan
- Southwest Area Plan
- The London Plan
- London ON Bikes Cycling Master Plan





# Consultation



- Two public meetings
- Advisory Committees
  - Agricultural
  - Cycling
  - Environmental and Ecological Planning
  - Heritage
  - Transportation
- First Nations
- Discussions with Property Owners and interested Londoners

General Support for the Project. Comments were predominantly related to how best to implement the improvements.

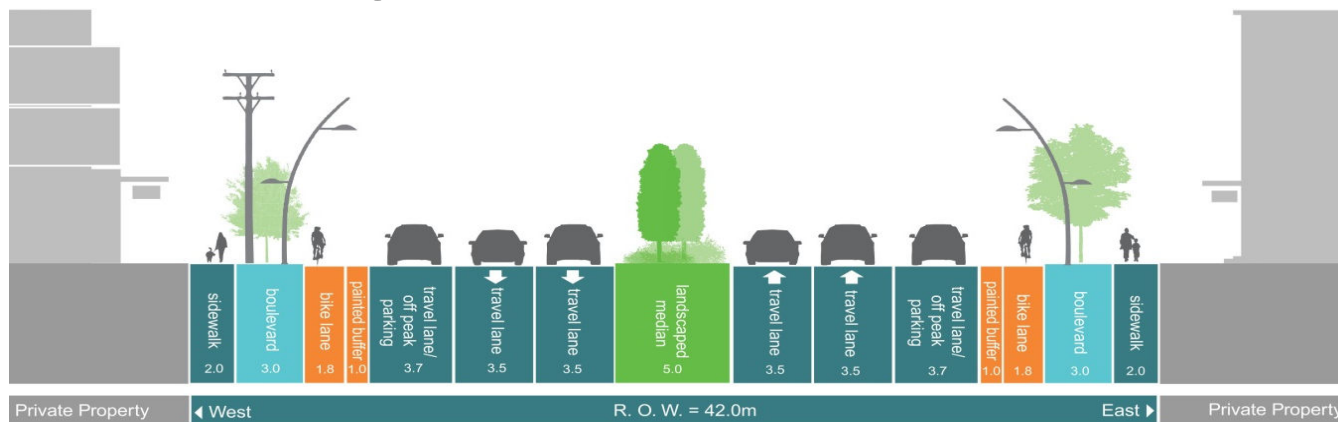


# Recommended Alternative

## Southdale Road – Hwy 402

Facilitate development in the Southwest Area Plan between Southdale Road and the Urban Growth Boundary

- Increased traffic capacity
- Urban Design Features considering SWAP
- Active Transportation – improved pedestrian and cycling facilities
- Transit support – long-term high-occupancy vehicle (HOV) / transit lane north of Hwy 402
- Access Management





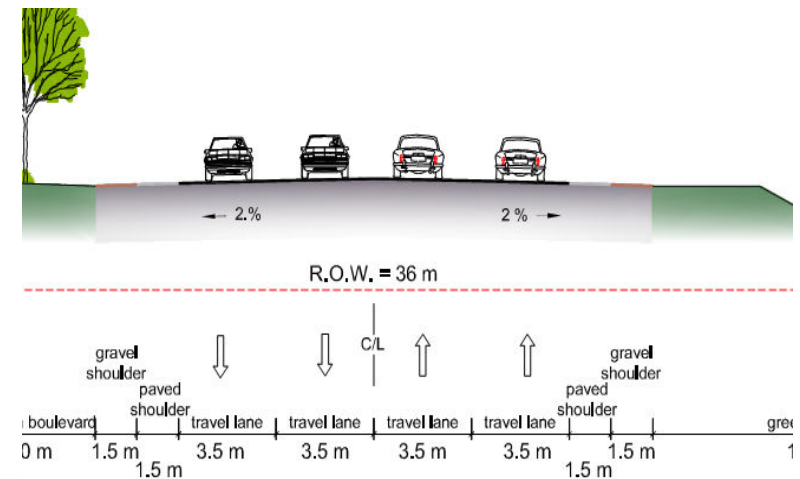
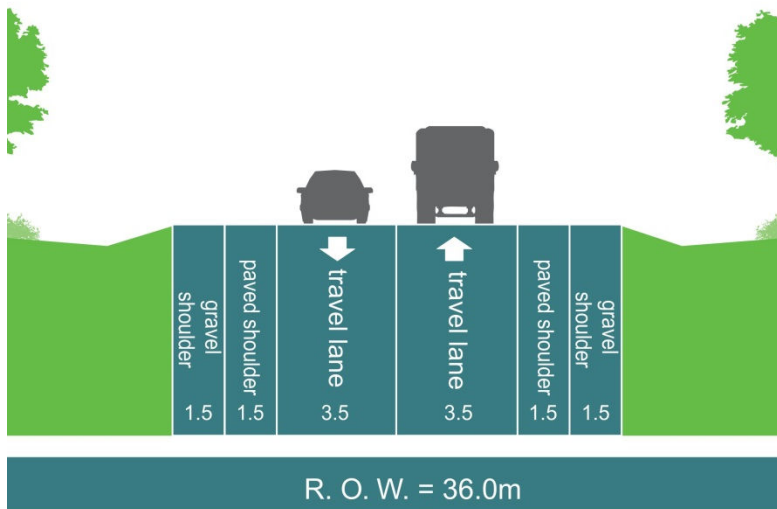


# Recommended Alternative

## Hwy 402 – Hwy 401

Improve mobility connection to the provincial highway system via the new Highway 401 Interchange

- Increased traffic capacity and operations
- Road improvements support trucks and agricultural equipment
- Partially Paved Shoulder supports cycling
- Municipal Drain and culvert modifications





# Implementation

Subject to ESR Approval, the suggested implementation is:

Phasing	Proposed Improvements	Schedule
Highway 402 to Highway 402	2-lane rural Improvements	2017
Exeter Road to Highway 402	2-lane to 4-lane including Highway 402 Interchange Twin Structure	2024
Highway 402 to Highway 401	2-lane to 4-lane Widening	2028
Southdale Road to Exeter Road	4-lane to 6-lane Widening	2033
Exeter Road to Dingman Drive	4-lane to 5/6-lane Widening	2033

- The first three phases are identified in the 2014 DC Background Study.
- Costs are generally consistent with the DC Background Study but phasing limits modified slightly.
- Total engineering and construction cost of all phased improvements is approximately \$50 M.