



Western Road / Wharncliffe Road North Improvements

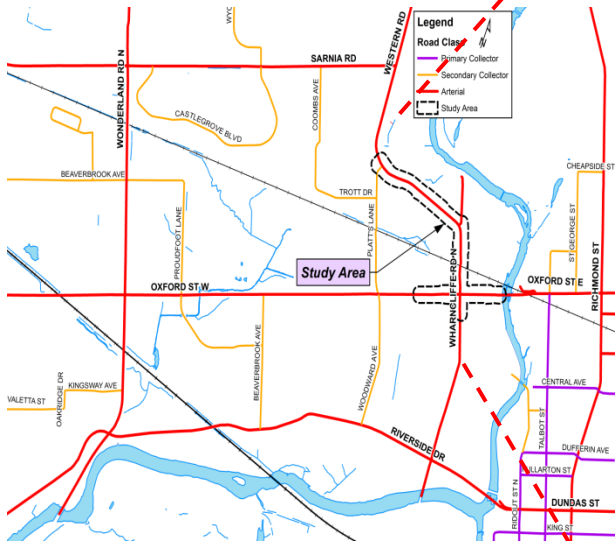
Environmental Assessment

October 6, 2015
Civic Works Committee

Transportation Planning & Design



Study Area





Study Context



A comprehensive and environmentally sound planning process





Consultation

- Public meetings
- Agency Consultation
 - Canadian Pacific Railway
 - London Transit Commission
 - London Hydro
 - London Advisory Committee on Heritage
 - Environmental and Ecological Planning
 - Transportation Advisory Committee
 - Cycling Advisory Committee
- First Nations
- Discussions with Property Owners and interested Londoners



Support for the Project.



A Multi-Modal Solution

Transportation Demand Management

- Transit Priority Measures
- Local transit improvements
- Cycling Facilities
- Pedestrian Improvements



Operational Improvements

- Intersection Improvements
- Signal and streetlighting upgrades
- Pedestrian Signal



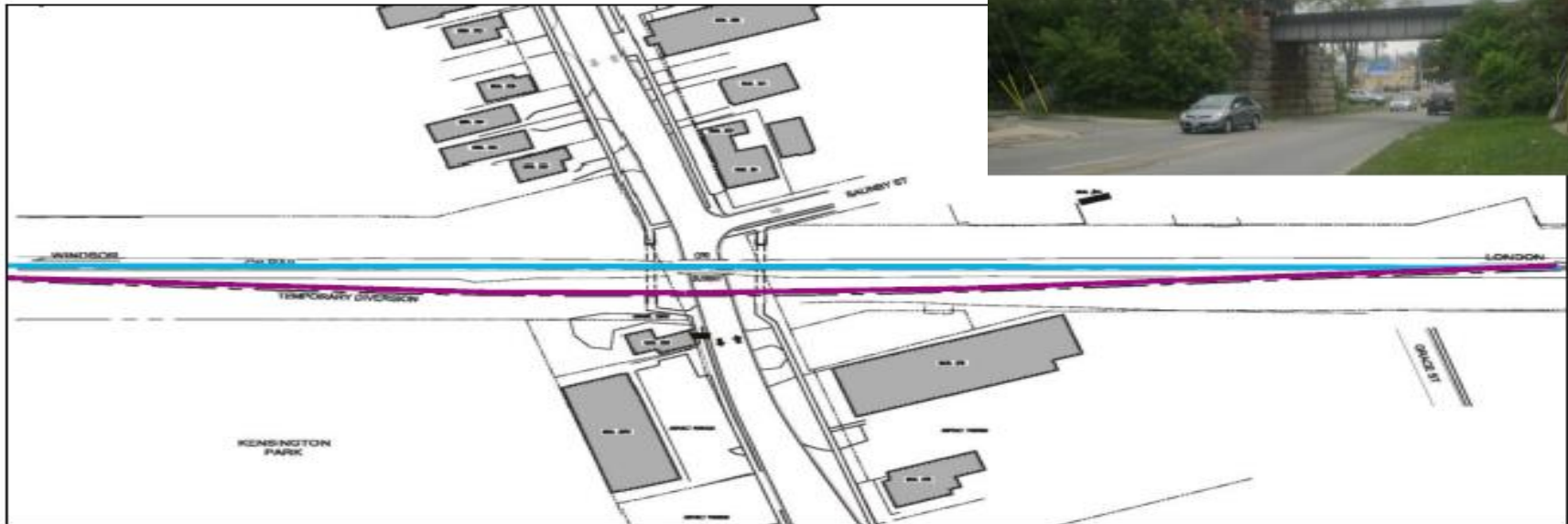
Road Widening

- Additional Capacity
- New Railway Grade Separation



Project Highlights: Grade Separation

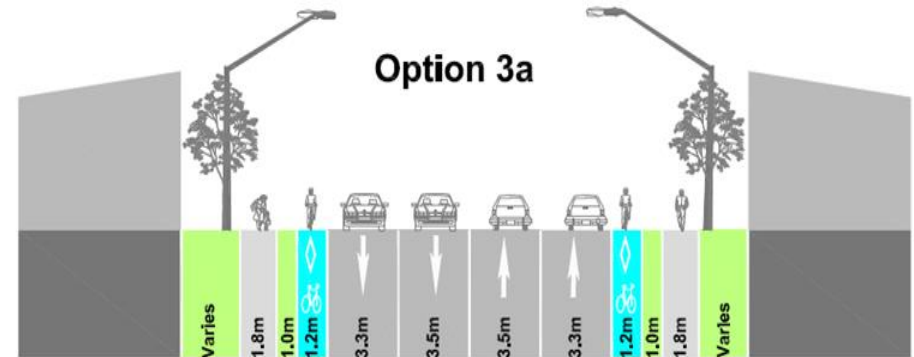
- A new rail bridge long enough to span:
 - Through lanes
 - Left-turn lane
 - Bicycle lanes
 - Sidewalks
- Elimination of sidewalk tunnels
- Temporary Rail Diversion
- Road Closures necessary





Project Highlights: Road Widening

- Very constrained corridor
- Bicycle lanes
- Wider sidewalks
- Properties impacts minimized
- Acquisitions of strip widenings required
- Relocation of Grosvenor Lodge gates



* plus turn lanes where needed



Project Highlights: Intersection Improvements

Oxford Street and Wharncliffe Road North Improvements:

- Recommended Shift Rapid Transit route
- Transit Priority
 - east and west right-turn / transit queue jump lanes
 - signal upgrades



Heritage listed residential houses at 78 to 88 Oxford Street West will require removal from the widened road right-of-way.



Implementation

Grade Separation and Road Widening

Year 1- CPR Diversion

Year 2- Road Widening and CPR Bridge

Year 3- Final restoration and rail diversion removal

Preliminary Cost Estimate: \$23.7 M

Commencement in mid-2017 dependent on property acquisition

Intersection Improvements

Coordinated with Rapid Transit

Preliminary Cost Estimate: \$4.4 M

