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