



Scarlett Road Bridge Project

AGENDA

- Project History
- Existing Conditions
- Proposed Improvements
- Project Updates
- Challenges & Complexity
- Planned Cycling Infrastructure

PROJECT HISTORY

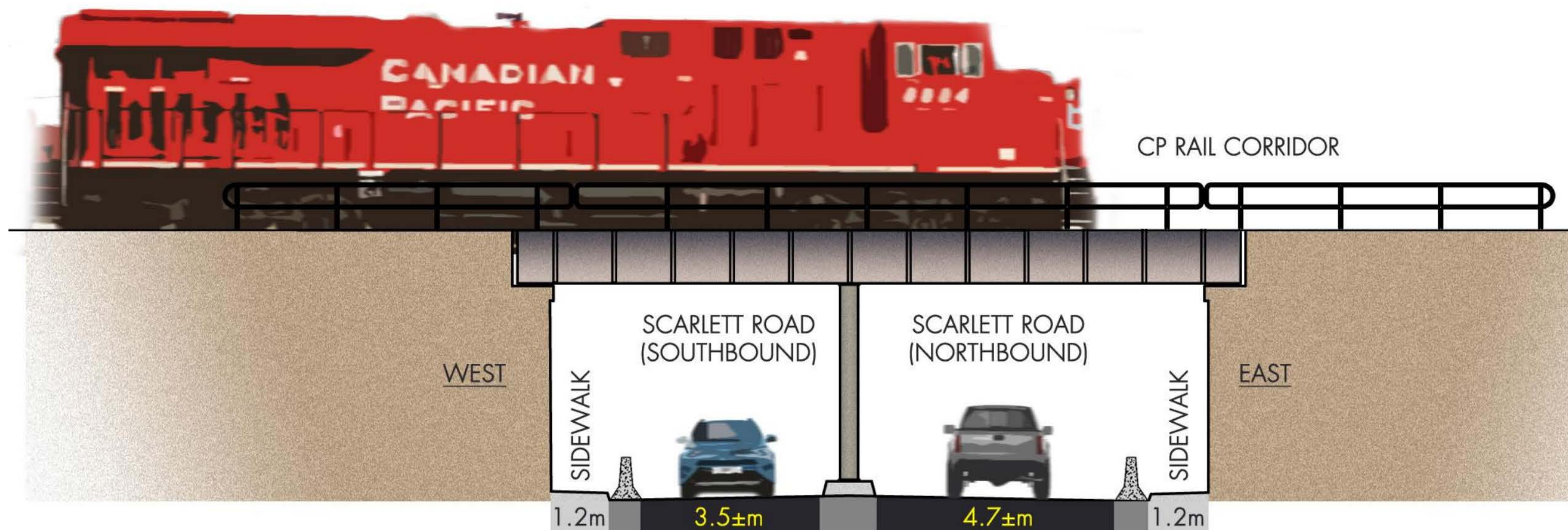


- 2008 EA completed to address safety and operational issues with the Scarlett Rd underpass.
- Recommendations included:
 - Replacement of the Scarlett Road / CPR bridge
 - Four lane cross section with widened sidewalks and protection for future cycling infrastructure
 - Inclusion of Dundas Street W / Gooch Avenue unsignalized intersection with the Dundas Street W / Scarlett Road intersection
- Pre-Design Report completed in September 2017 to better assess constructability, costs and property impacts.

SCARLETT ROAD BRIDGE

Existing Conditions Summary:

- Constructed in 1912
- Existing bridge carries 4 active rail tracks
- Substandard Clearance
- Substandard pedestrian conditions
- No Cycling Infrastructure



EXISTING ROAD CONFIGURATION



- Scarlett Road is reduced from two lanes each direction to a single lane at the bridge
- Currently there is no way to turn left going southbound on Scarlett Road to Dundas Street (eastbound)
- Channelized right turns
- Sightline constraints under the bridge affecting vehicles, pedestrians and cyclists
- Bus shelter isolated on a pedestrian island
- Unprotected bridge piers

EXISTING PUBLIC REALM

Pedestrian Conditions

- Narrow sidewalks through the underpass
- Two channelized turns at Dundas and Scarlett Road
- Missing sidewalks
 - South side of St. Clair Avenue W
 - North side of Dundas Street W

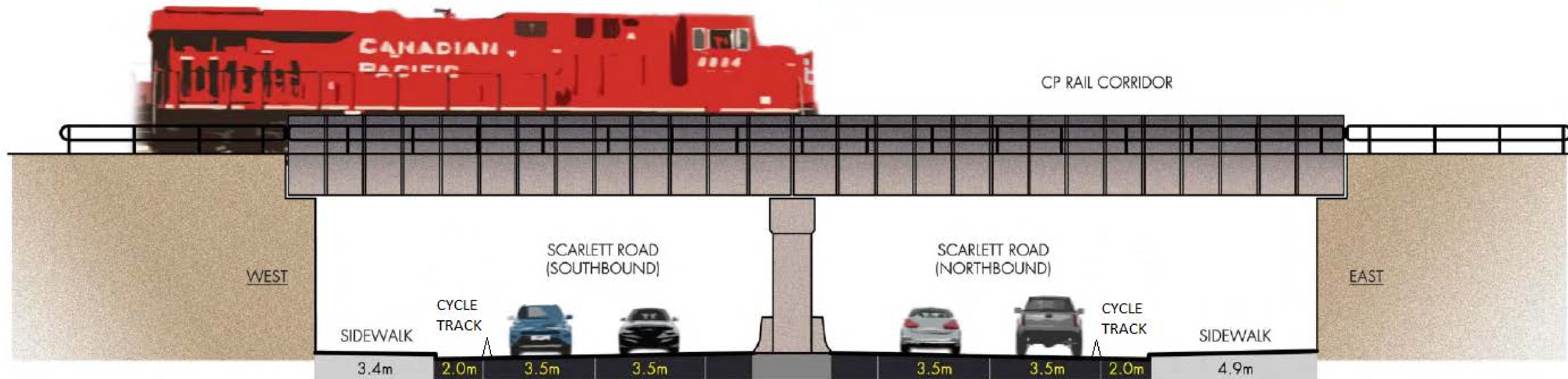
Cycling Infrastructure

- No cycling infrastructure



BRIDGE IMPROVEMENTS

Space for added rail track for Metrolinx expansion



SCARLETT ROAD BRIDGE



- The first Public Consultation event was held on November 28, 2017 at the Lambton Park Community School
- The project was presented to residents and input on the proposed design was received
- The feedback included requests to:
 - enhance the safety of both cyclists and pedestrians
 - include dedicated cycling infrastructure
 - address speeding on Scarlett Road
 - address traffic infiltration into Warren Park community
 - improve accessibility to/from 3725-3735 Dundas Street W

ONGOING DESIGN UPDATES



- Redesign of the Scarlett/Dundas/St. Clair intersection to improve pedestrian safety
- Include dedicated cycling infrastructure on Scarlett Road
- Coordinate with the proposed extension of cycling facilities on Scarlett Road north of Bernice Crescent
- Assess the feasibility of a north side separated cycling facility on Dundas Street W
- Review opportunities for new signalized crossings on Scarlett Road north of St. Clair Avenue W

OTHER CHALLENGES CONTRIBUTING TO COMPLEXITY



Other challenges that are adding to the complexity of the project include:

- ensuring resiliency in the stormwater management system to address climate change
- identifying opportunities to minimize impacts of the bridge project to private property
- negotiation of a construction agreement with CP Rail
- ongoing discussions with CP Rail about a planned fifth track and the relocation of the rail signal bridge

Aerial view

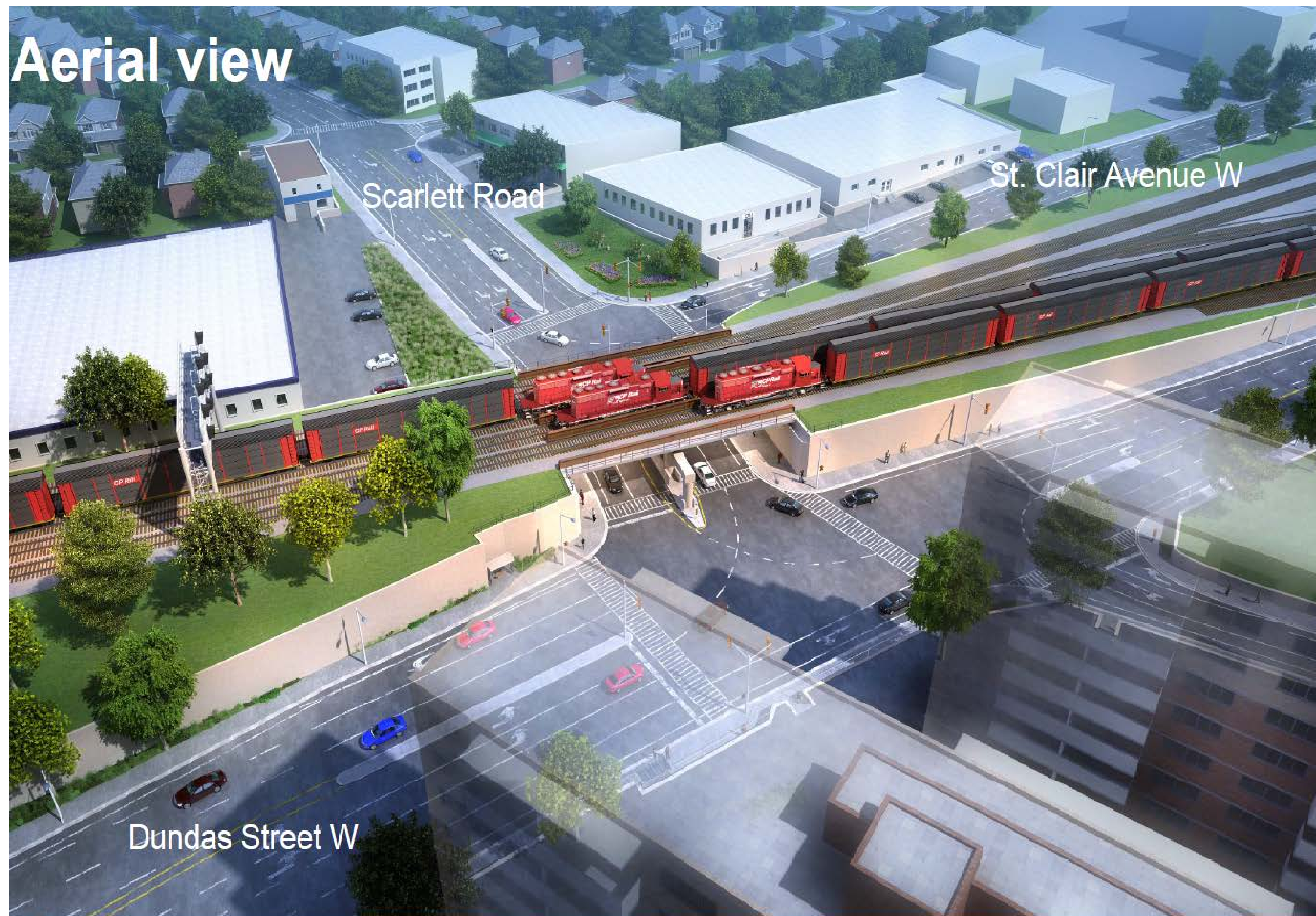


Scarlett Road

St. Clair Avenue W

Dundas Street W

NEXT STEPS



- Confirm feasibility of multi-use trail on north side of Dundas Street W
- Work towards the completion of detailed engineering design
- Enter into a Construction Agreement with CPR
- Coordinate relocation of CPR Traffic Control Bridge
- Additional public meeting to report back on schedule, construction staging and traffic management
- Complete property impact mitigation work
- Commence utility relocations
- Construction