

Walkley Road Corridor

Transportation Update

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Agenda

1. Walkley Road corridor: overall plan for transportation improvements
2. Active Transportation Plan process
3. Walkley Road cycling project
4. Airport Parkway widening
5. O-Train station construction
6. O-Train bridge rehabilitation

1. Walkley Road Corridor: Overall Plan

Projects

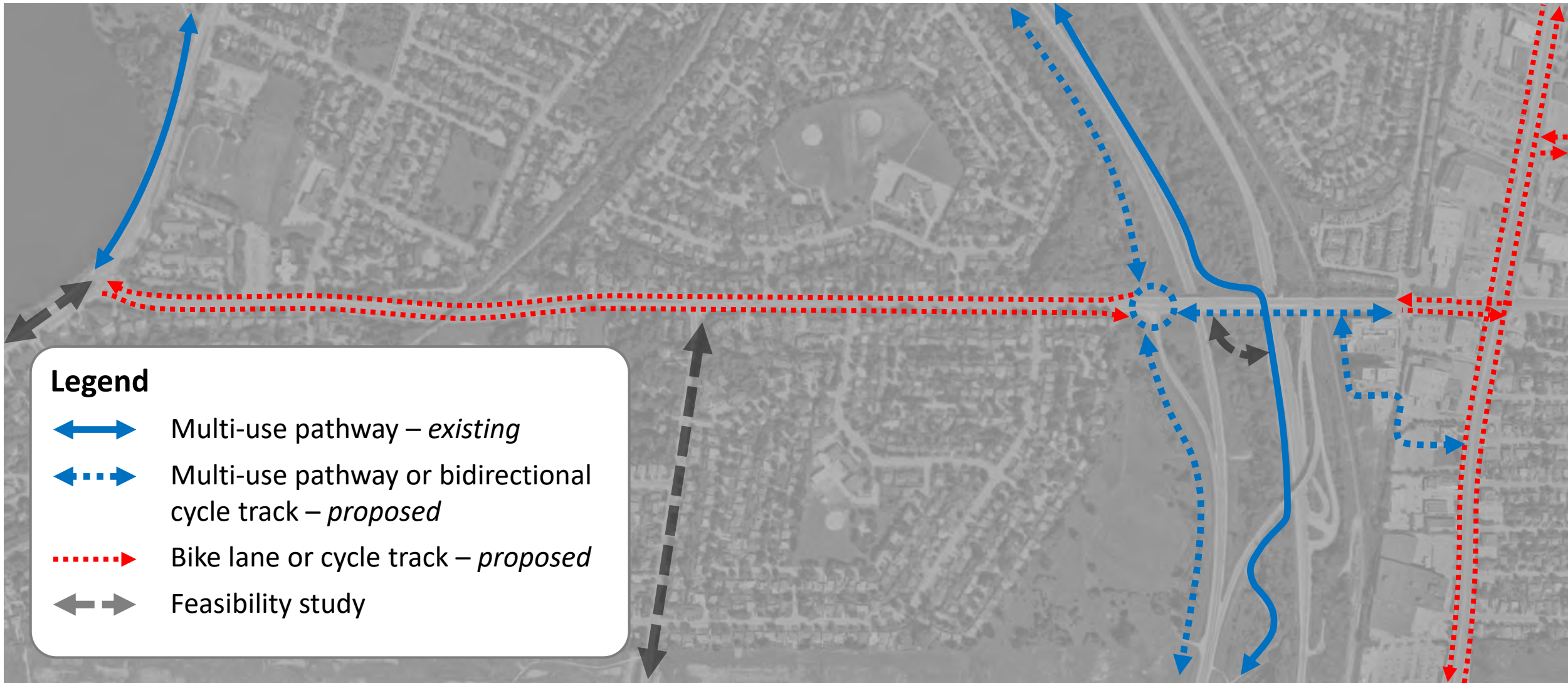


Note: Timelines are identified for project coordination and planning only. Timelines are approximate and subject to change.

Overall Plan: Notable Road Modifications



Overall Plan: Cycling Improvements



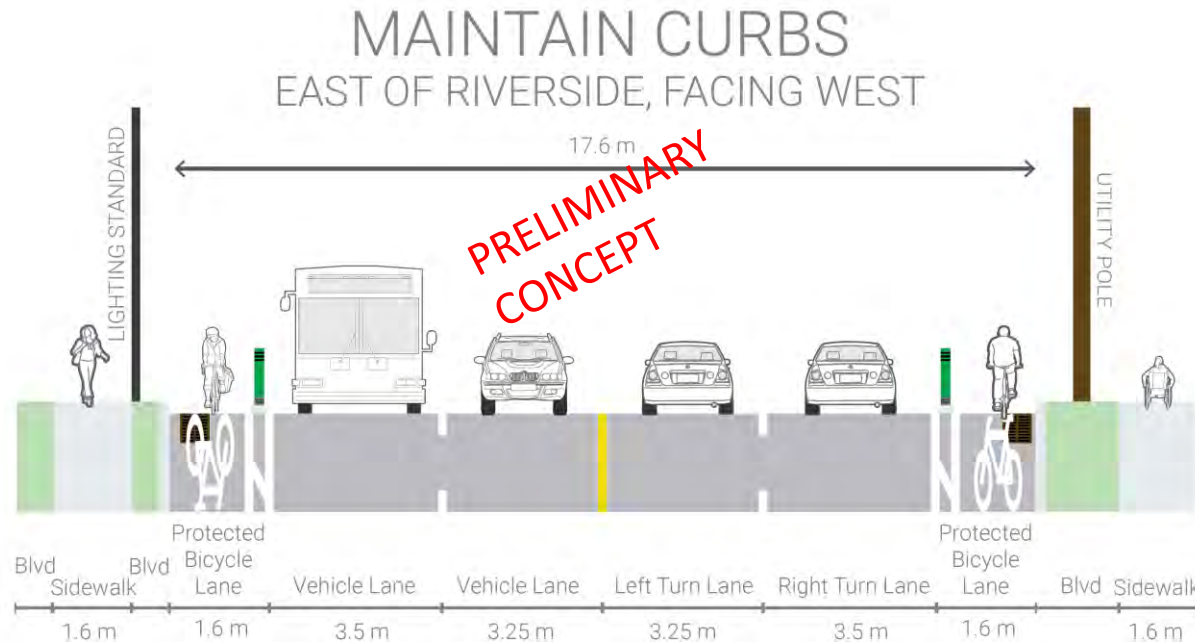
2. Active Transportation Plan Process

Active Transportation Plan Process

- 2013 Ottawa Cycling Plan: Walkley Road between Riverside Drive and Airport Parkway a phase 2 (2020-2025) project (P2-1A and P2-1B)
- New plan to include 8 years of cycling and pedestrian projects based on varied levels of funding
 - Walkley Road between Riverside Drive and Bank Street is proposed to be carried forward in new cycling project list
 - Other candidate cycling projects being considered including "feasibility studies" (no implementation funding)
 - Riverside Drive – Walkley Road to Hunt Club Road
 - McCarthy Road
 - Multi-use pathway link from Walkley Road to Sawmill Creek Pathway
- Project list **consultation** planned for **Fall 2021**

3. Walkley Road Cycling Project

Walkley Cycling Project East of Riverside Drive



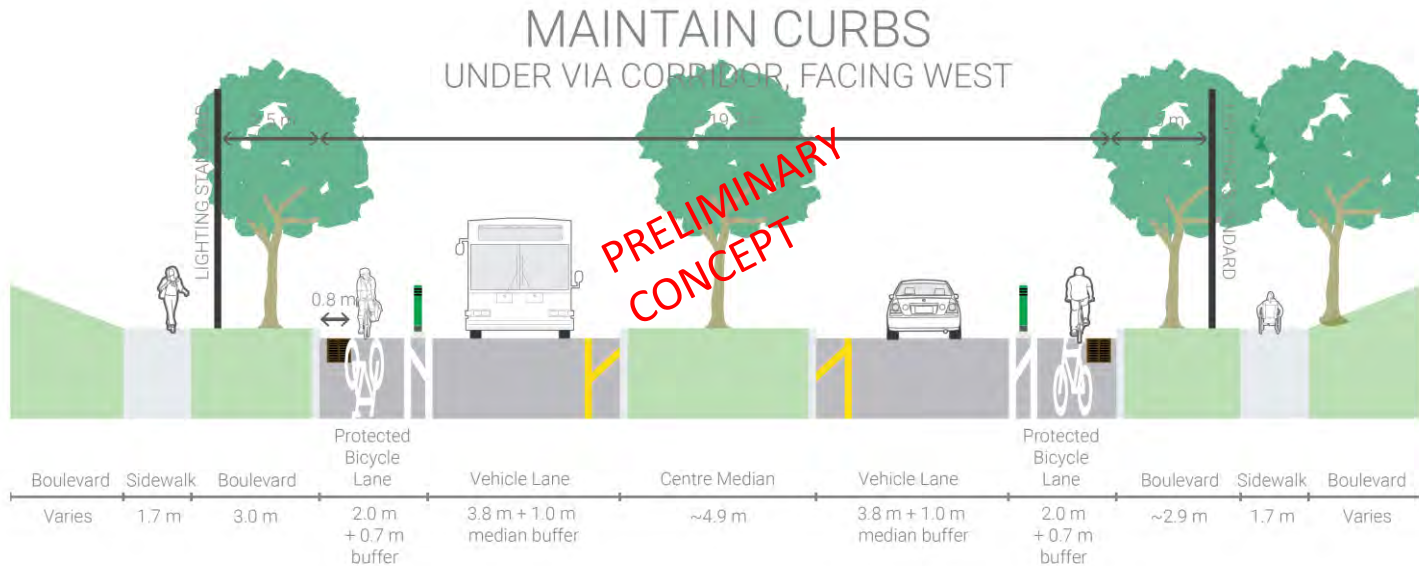
- 4 lanes maintained at Walkley/Riverside intersection
- On-road buffered bike lanes or cycle tracks at the Riverside intersection (TBD)
- Existing channels at Riverside Drive may be improved

Benefits:

- ✓ Improved comfort and safety for people on bikes
- ✓ Improved comfort for people walking
- ✓ Modified right-turn channel design will reduce turning vehicle speeds

Walkley Cycling Project

East of Riverside Drive to McCarthy Road



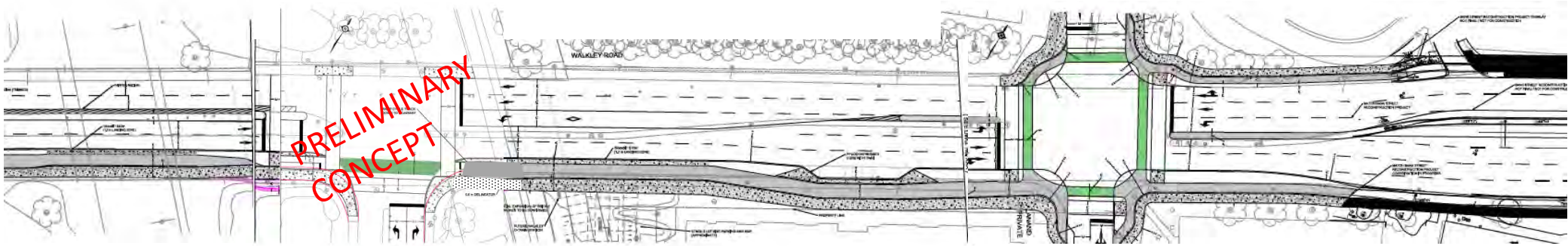
- Road diet to 2 lanes + left turn lanes
- Buffered bike lanes each side
- New pedestrian crossing (PXO) at Arnott Park pathway (75m east of VIA Rail corridor)

Benefits:

- ✓ Improved comfort and safety for people on bikes
- ✓ Improved comfort for people walking
- ✓ Maintains green boulevards
- ✓ Narrower road width may reduce vehicle speeds
- ✓ Concept consistent with approved design from McCarthy to Airport Parkway

Walkley Cycling Project

Airport Parkway to Bank Street



- Maintain existing vehicle lanes
- 2-way cycle track and sidewalk south side (Airport Parkway to Anand Private)
- 1-way cycle track and sidewalk each side to tie-into Bank (Anand Private to Bank Street)
- Protected intersection at Anand to facilitate bike transition to/from south side
- Pick up and drop off layby on the south side between LRT Station and Anand (permanent)

Walkley Cycling Project

Airport Parkway to Bank Street

- Feedback on preliminary concepts may be provided to Emmett.Proulx@ottawa.ca
- Public consultation planned, but no date identified

4. Airport Parkway Widening

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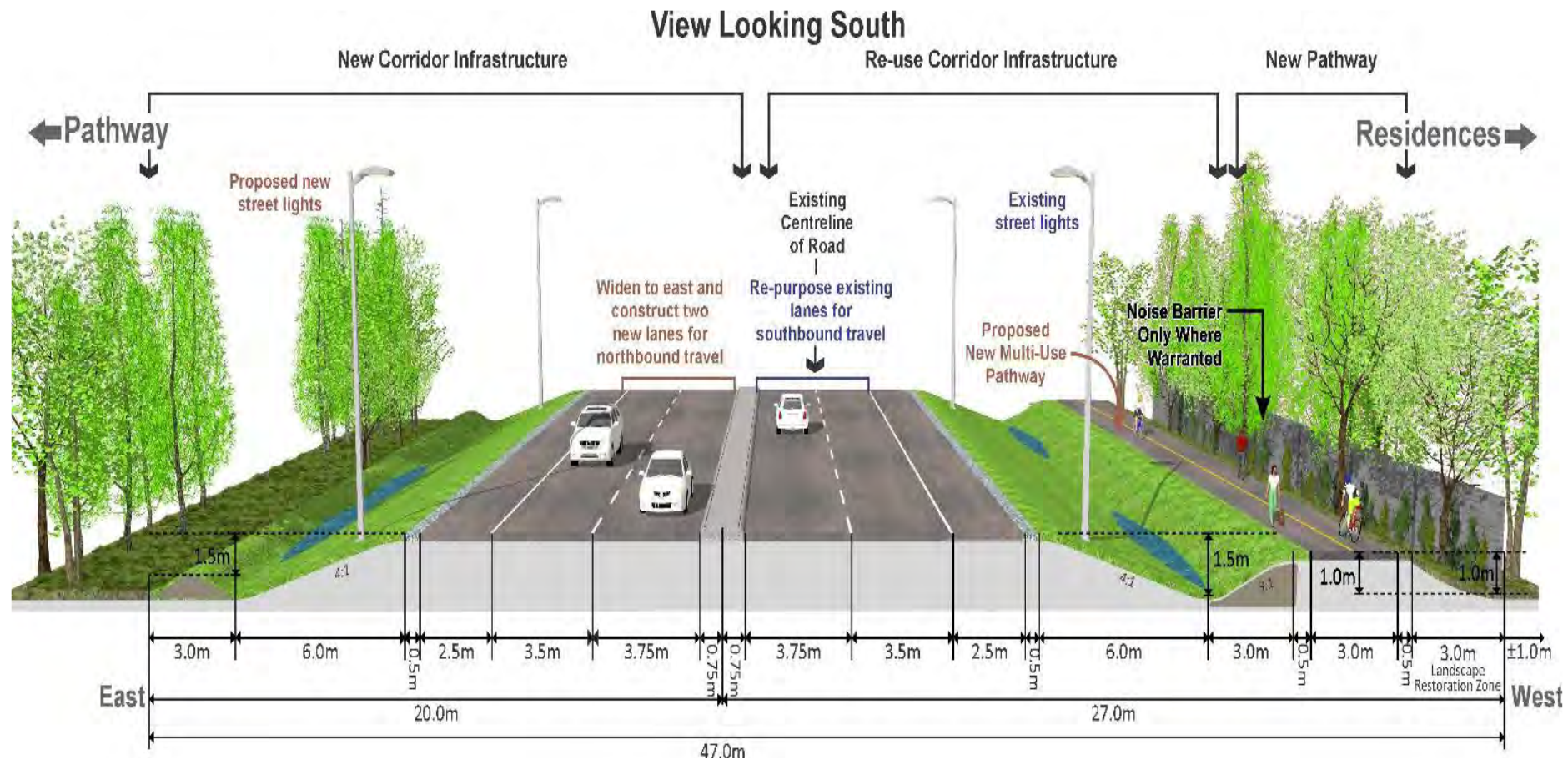
Senior Engineer, Infrastructure Services

Airport Parkway Widening Project

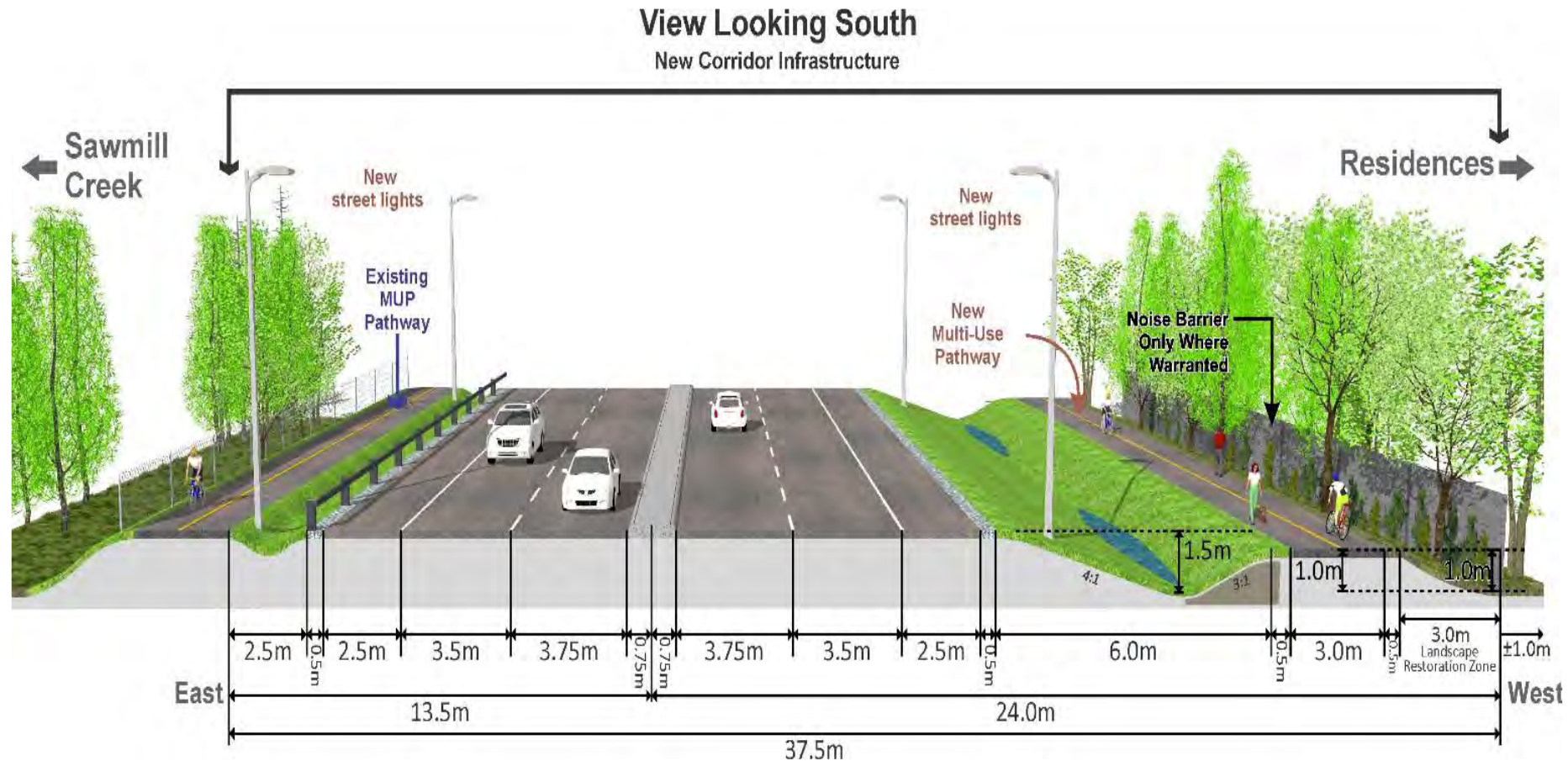
- The project is to widen the section of Airport Parkway from Brookfield Road to Hunt Club Road
- The project is expected to be completed by 2025 (design: 2022-2023, construction: 2024-2025)



Recommended Plan, Airport Parkway - Walkley Road to Hunt Club, Typical Cross-Section



Recommended Plan, Airport Parkway - Brookfield Road to Walkley Road, Typical Cross-Section

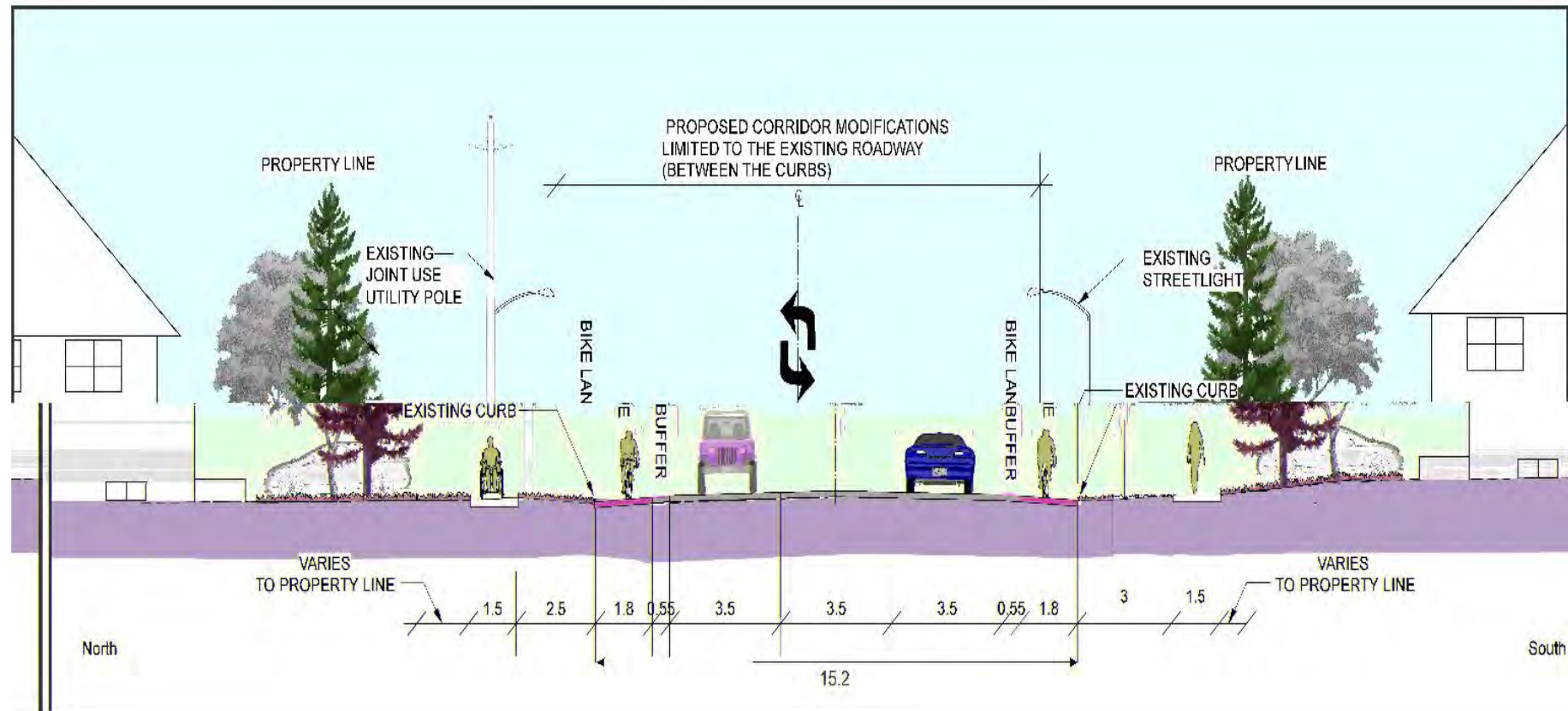


Recommended Plan, Walkley Road between Airport Parkway and McCarthy Road



- Road diet to 2 lanes + left turn lanes
- Buffered bike lanes each side
- Potential for a raised median at Thorndale or Southmore
- Councillor Brockington is leading a pilot project of this road diet (~Spring 2022) with 10 metrics to be surveyed and measured before and during the pilot.

Recommended Plan, Walkley Road between Airport Parkway and McCarthy Road, Typical Cross-Section



5. O-Train (Trillium Line) Station Construction

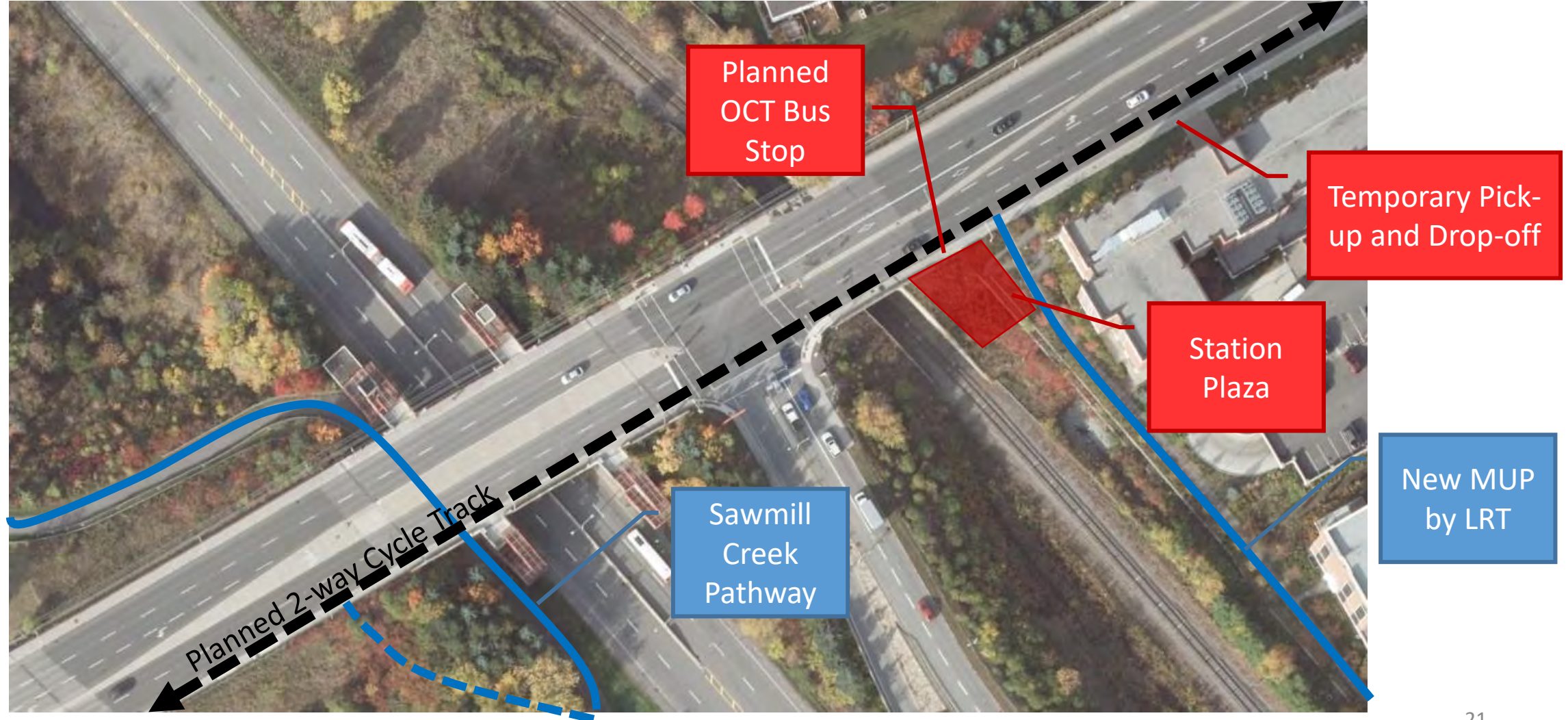
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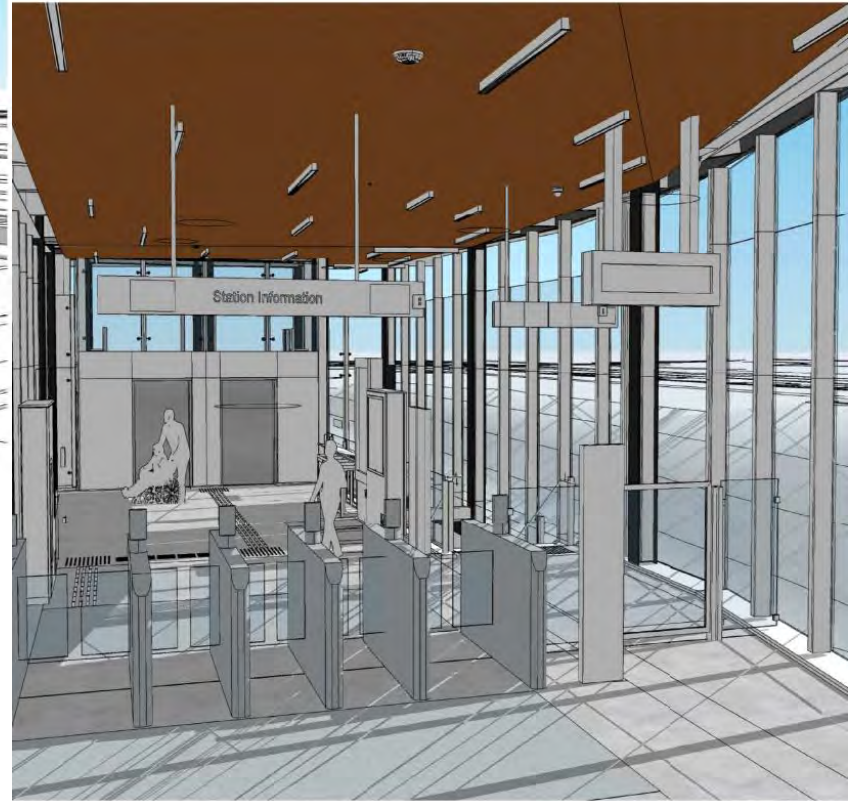
Program Manager, Civil & Alignment, Rail Construction Program



Walkley Road at the O-Train Station



Walkley O-Train Station



Walkley O-Train Station Construction



6. O-Train (Trillium Line) Bridge Rehabilitation

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Senior Engineer, Municipal Design & Construction



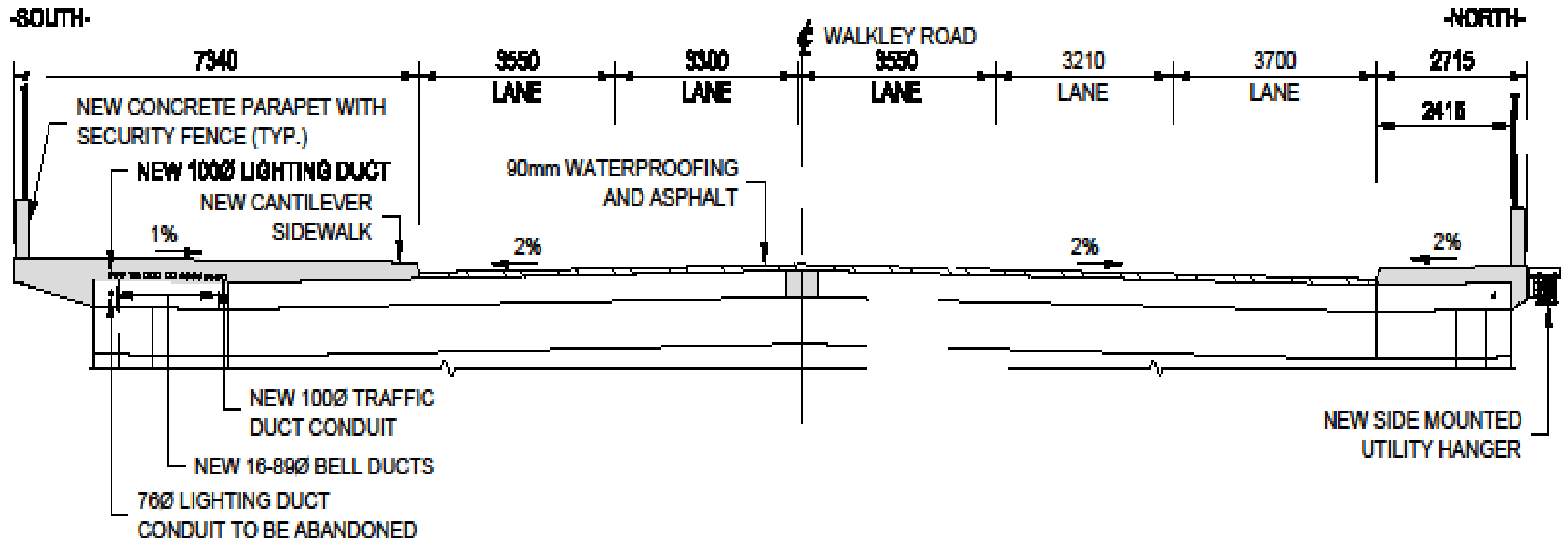
Walkley Road Overpass O-Train Bridge



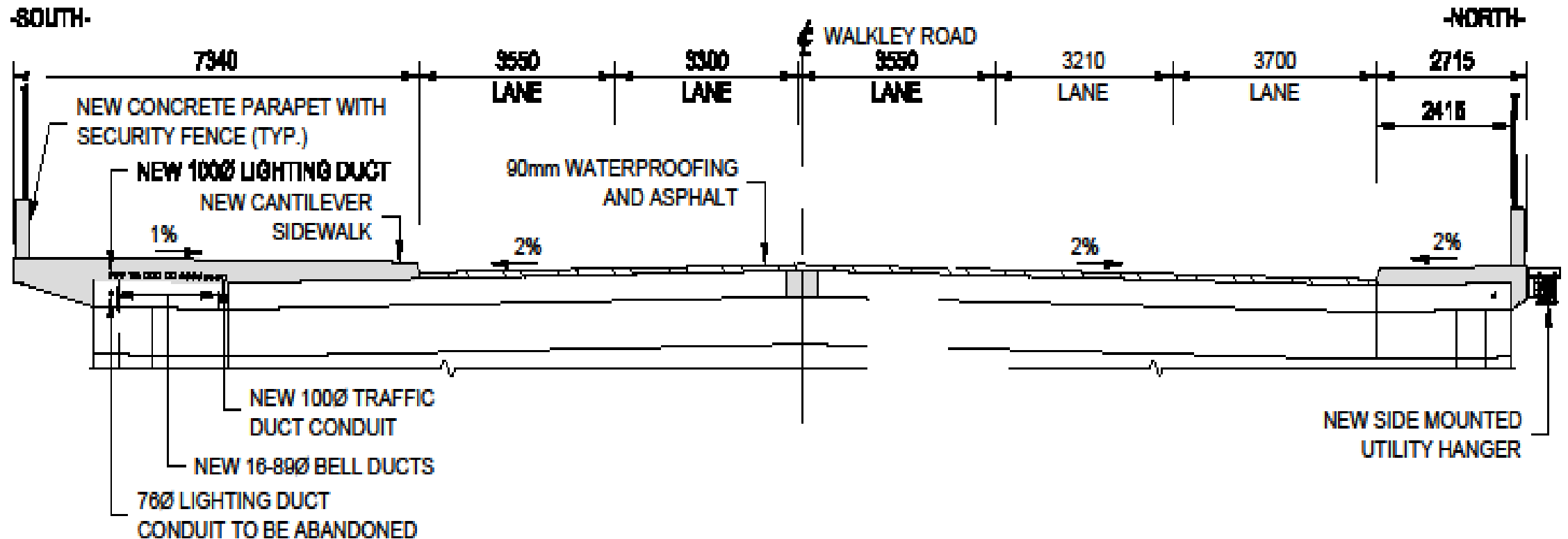
Project Overview

- Rehabilitation of Walkley Road O/P Bridge
- Widening of the bridge on South by 1.4m to accommodate a 7.0m wide (clear width) sidewalk to permit implementation of the roadway and sidewalk cross section proposed by Transportation Planning
- New Concrete deck overlay and waterproofing
- Asphalt Paving
- Temporary PPUDO (under design)

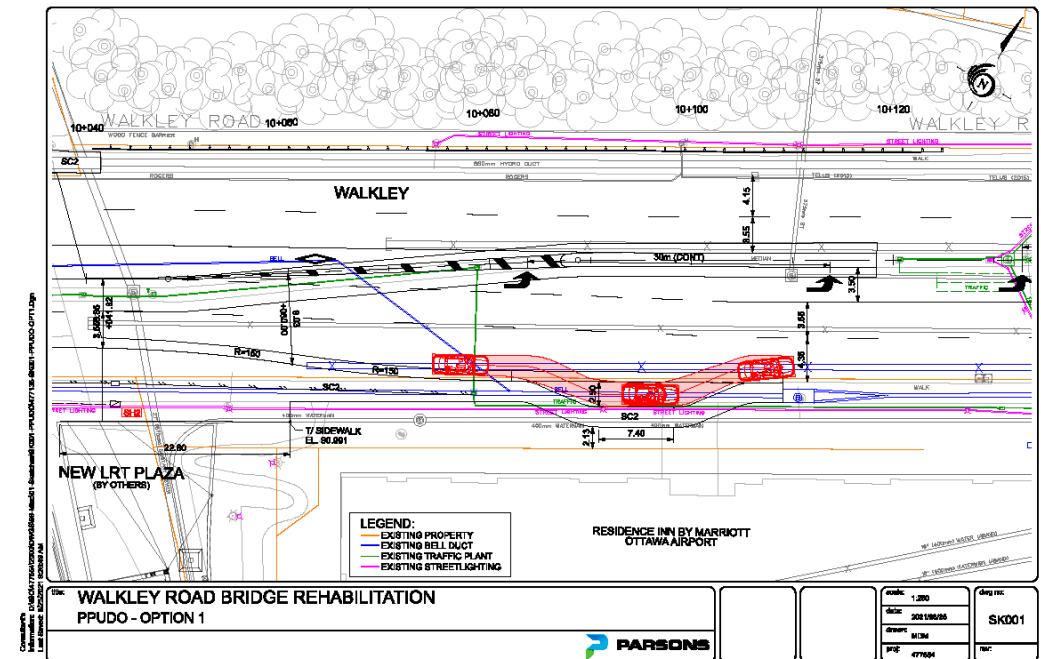
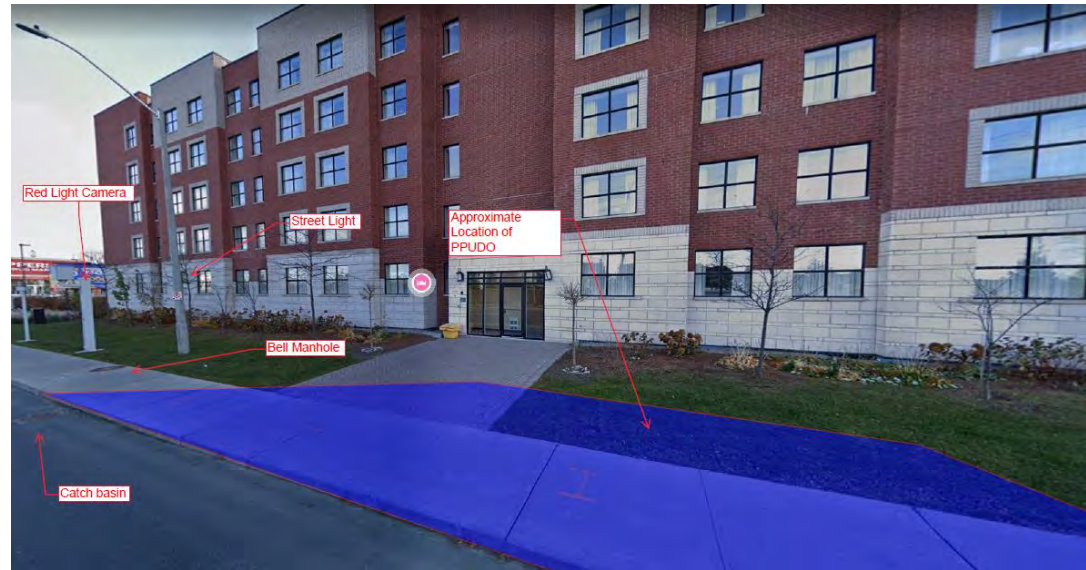
Final Cross-Section



Final Cross-Section



Temporary PPUDO Location (Under Design)



Timelines

- Construction-Ongoing (Stage 2)
- Stage 3 commencement-October 4th
- Construction Completion-January 15, 2022
- Final Completion (Asphalt Paving)- July 2022

Thank You