

Adelaide Street North at CP Railway Grade Separation (“Adelaide Underpass”)





Adelaide Underpass

Project Limits:

- Adelaide St N from
McMahen St to Elias St
- Central Ave from
William St to Elizabeth St

Purpose

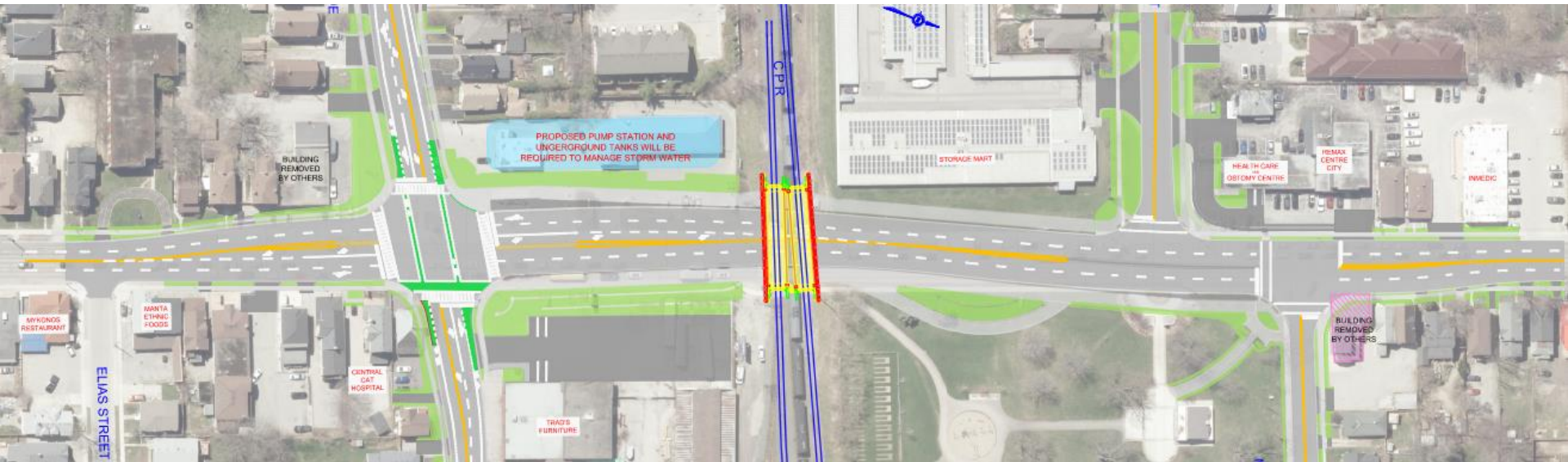
Purpose of this meeting:

- Provide an update on the detailed design
- Present the proposed design drawings (plan and cross-sections)
- Answer questions
- Explain the next steps in the detailed design process

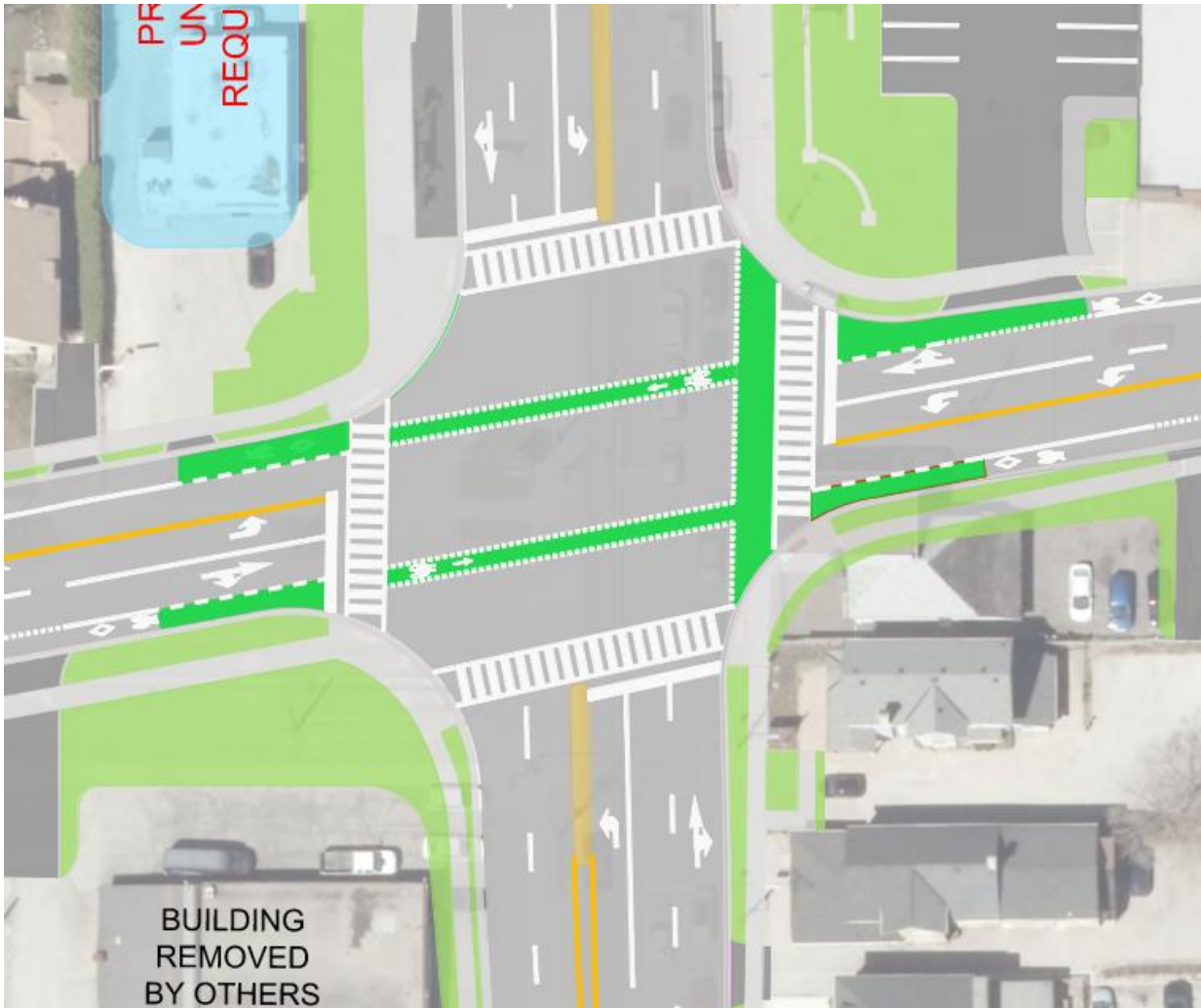
Proposed Design - Plan

- Adelaide St N at Central Ave – full signalized intersection; two through lanes in each direction with opposing left turn
- Central Ave – full signalized intersection; one through lane in each direction with opposing left turns and bike lanes
- Pall Mall St – stop controlled; right-in/ right-out controlled by a center median island
- McMahan St – stop controlled; full movement and Adelaide St N pedestrian crossing on the south side of McMahan St
- Elevated 4m wide multi-use path on both sides of the road

Proposed Design - Plan



Proposed Design - Plan



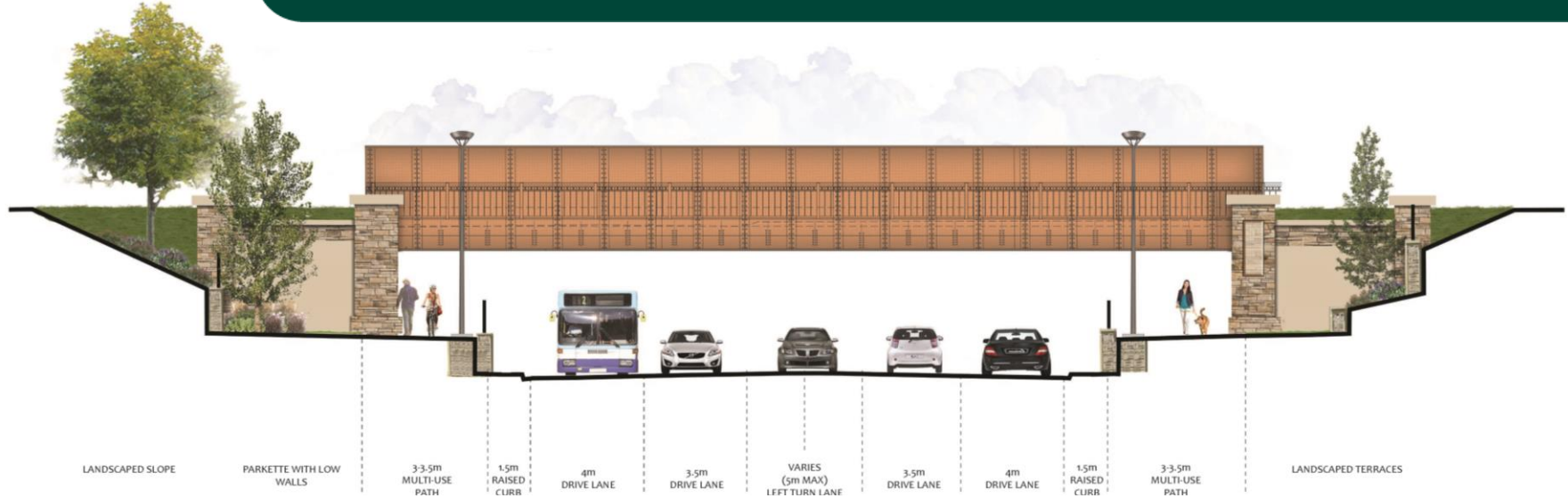
Proposed Design - Plan



Proposed Design - Plan

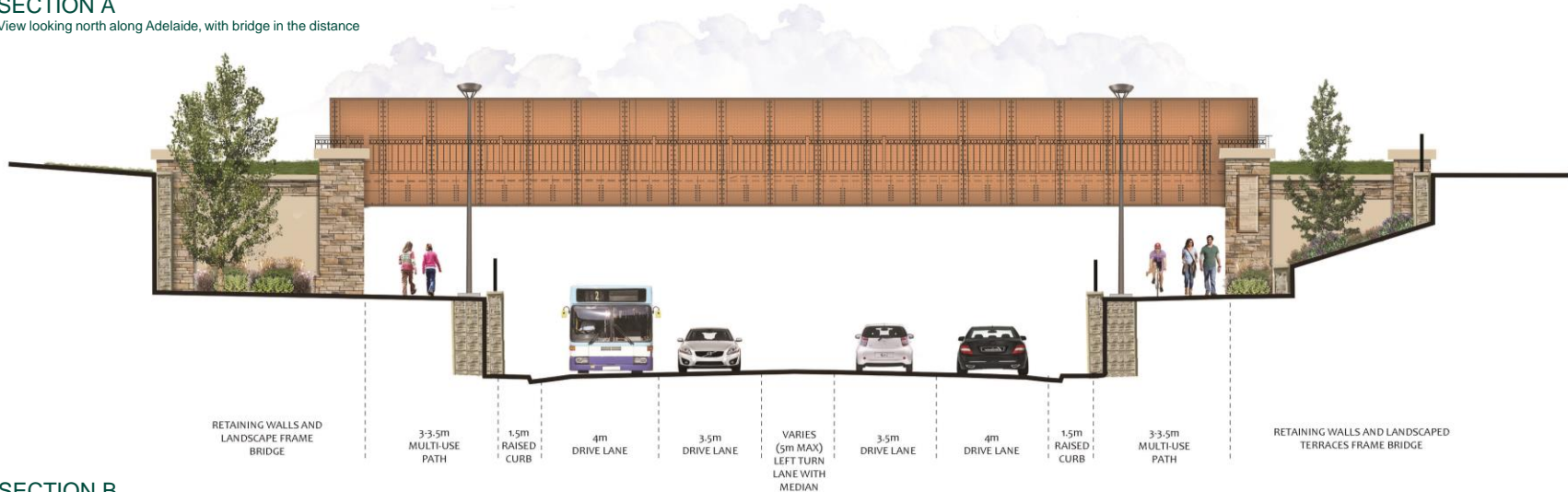


Proposed Design – Cross-sections



SECTION A

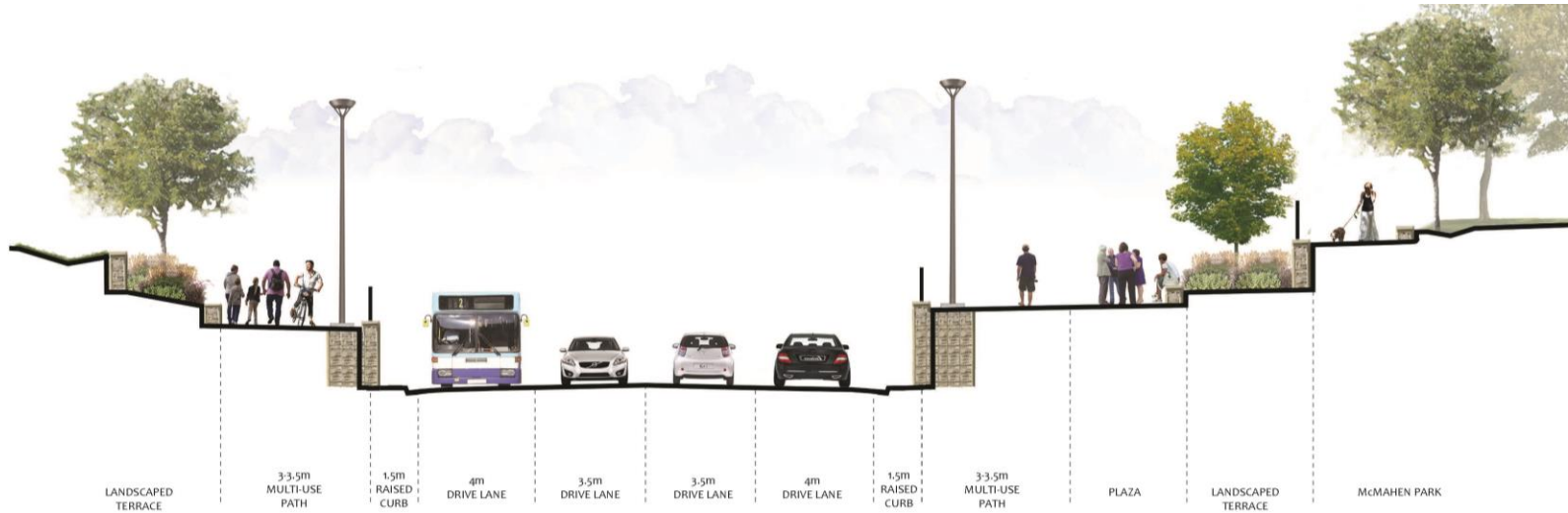
View looking north along Adelaide, with bridge in the distance



SECTION B

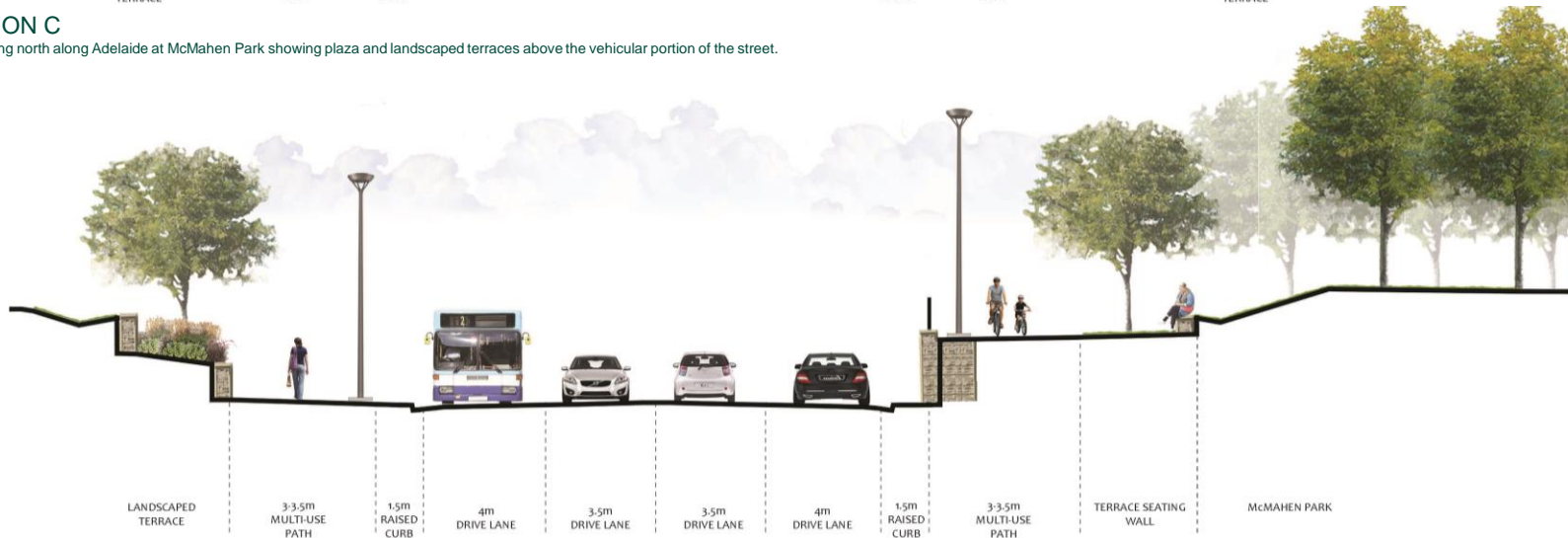
View looking north along Adelaide, showing relationship of bridge, abutment walls and sidewalks

Proposed Design – Cross-sections



SECTION C

View looking north along Adelaide at McMahon Park showing plaza and landscaped terraces above the vehicular portion of the street.



SECTION D

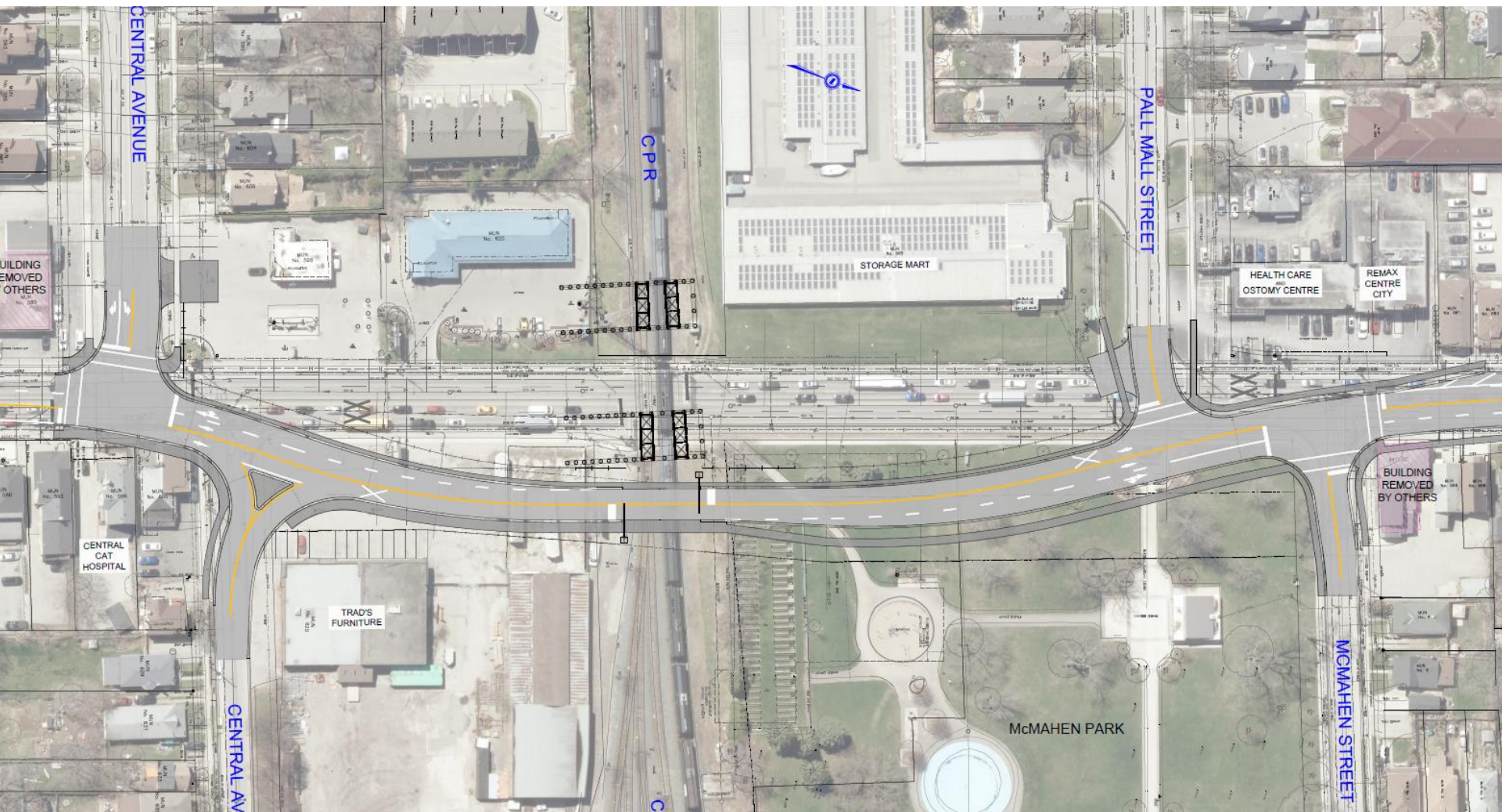
View looking north along Adelaide at McMahon Park showing relationship between elevated park and lowered vehicular portion of roadway



Proposed Design – Detour Road

- East of existing Adelaide Street North, through CP Rail property and McMahan Park
- Two lanes (one in each direction) at the rail crossing
- North of the rail crossing, 2 lanes northbound and 1 lane southbound
- South of the rail crossing, 2 lanes southbound and 1 lane northbound
- This was done so vehicles do not queue on to the rail crossing
- Sidewalk on the east side only

Proposed Design – Detour Road





Proposed Design – Rendering





Project Schedule/ Next Steps

- Spring 2021 – 90% design milestone
- Spring 2021 – Public Update Meeting 2
- Late Spring 2021 – Tender/Award
- Summer 2021 – Construction Start

Thank You!



Peter Kavcic, P.Eng.
Transportation Planning and Design
City of London
Tel: 519-661-2489 ext. 4581
Email: pkavcic@london.ca

Josh Ackworth, C.E.T.
Municipal Roads
WSP Canada Inc.
Tel: 289-835-2431
Email: josh.ackworth@wsp.com