

Rapid Transit in London: Wellington Gateway – Phases 3 and 4

Design overview and public engagement opportunities
February 14 – 28, 2024



Land Acknowledgement

We acknowledge that we are gathered today on the traditional lands of the Anishinaabek (AUh-nish-in-ah-bek), Haudenosaunee (Ho-den-no-show-nee), Lūnaapéewak (Len-ah-pay-wuk) and Attawandaron (Add-a-won-da-run) peoples. We honour and respect the history, languages and culture of the diverse Indigenous people who call this territory home.

We acknowledge all the treaties that are specific to this area: the Two Row Wampum Belt Treaty of the Haudenosaunee Confederacy/Silver Covenant Chain; the Beaver Hunting Grounds of the Haudenosaunee NANFAN Treaty of 1701; the McKee Treaty of 1790, the London Township Treaty of 1796, the Huron Tract Treaty of 1827, with the Anishinaabeg, and the Dish with One Spoon Covenant Wampum of the Anishnaabek and Haudenosaunee.

The three Indigenous Nations that are neighbours to London are the Chippewas of the Thames First Nation; Oneida Nation of the Thames; and the Munsee-Delaware Nation who all continue to live as sovereign Nations with individual and unique languages, cultures, and customs.

Presenter



Ardian Spahiu
Acting, Division Manager
Major Projects
City of London



Rapid Transit in London



Rapid transit benefits



New transit-only lanes above ground to improve transit capacity and reliability



New street surfacing and streetscapes as well as other urban design improvements



Replacing aging infrastructure underground, to create improved transit capacity and reliability



Adding intelligent traffic signal systems for better traffic flow



Rapid Transit in London

1 The Downtown Loop (2021 – 2023)

2 East London Link (East Corridor) (2022 – 2026)

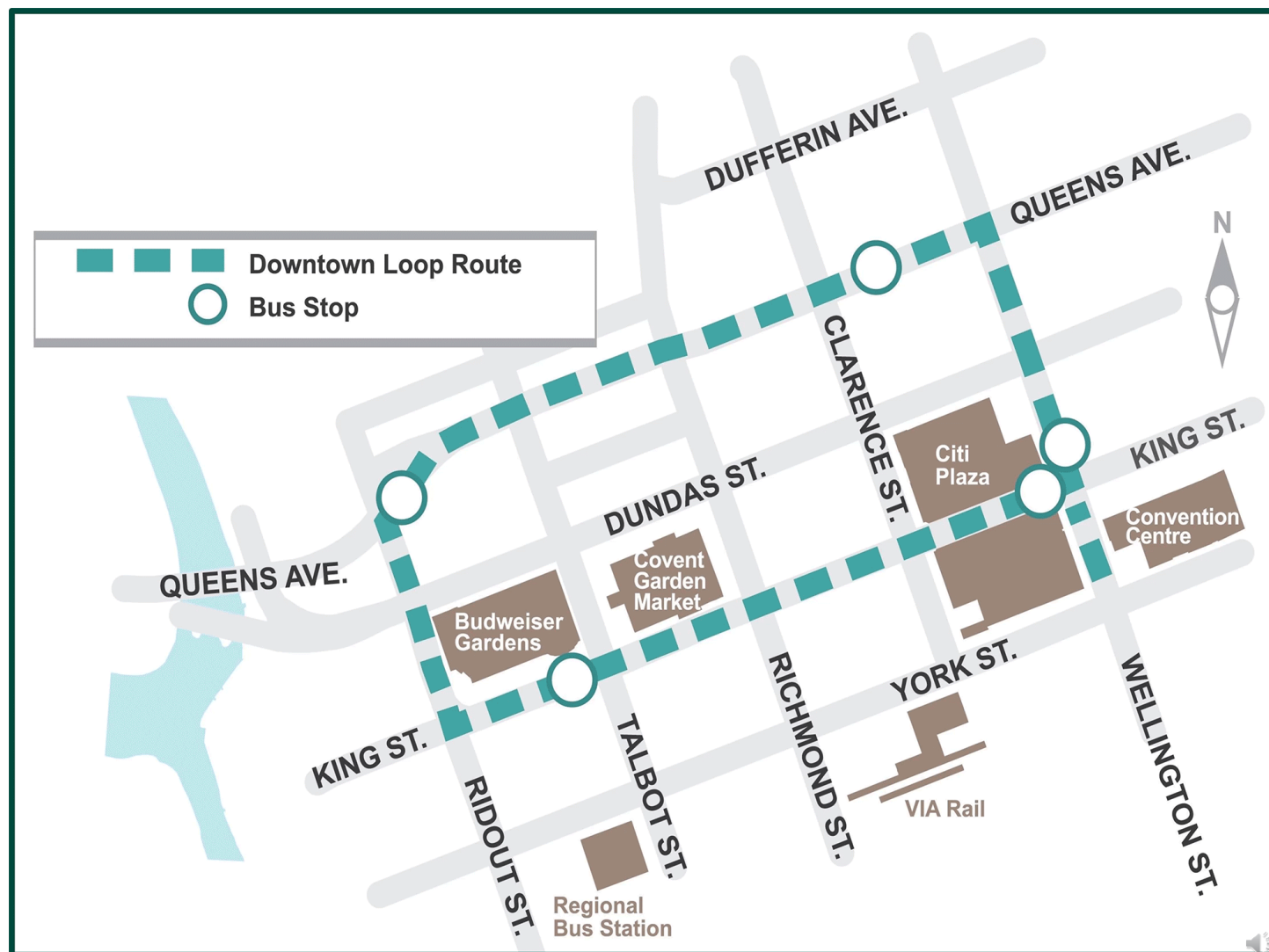
3 Wellington Gateway (2023 – 2027)

●●● Connecting our future

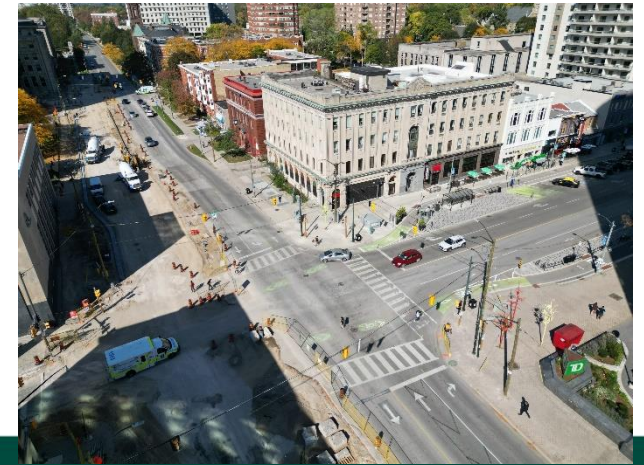


The Downtown Loop

The project is adding rapid transit elements and other transportation improvements to ease congestion and improve safety while repairing aging water infrastructure.



The Downtown Loop construction phasing



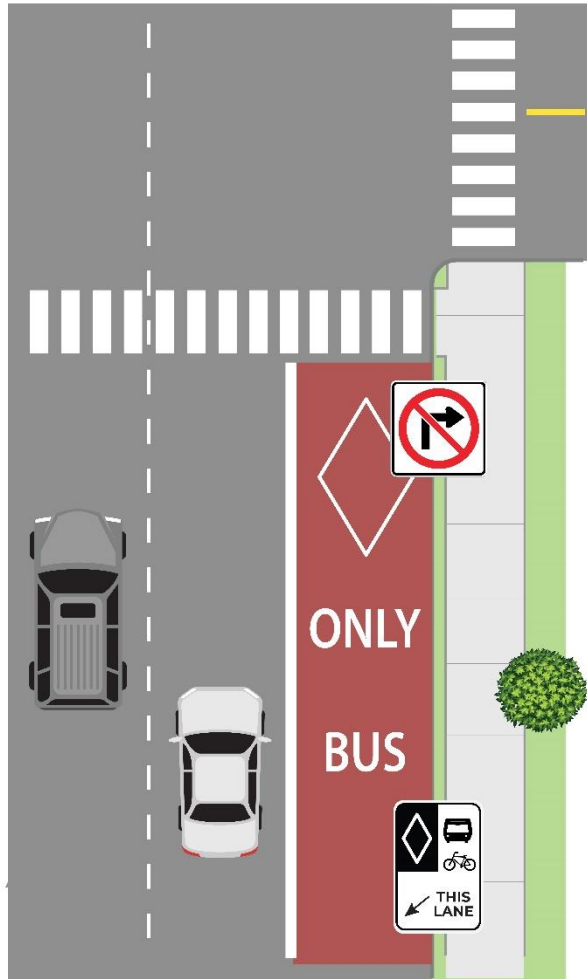
East London Link



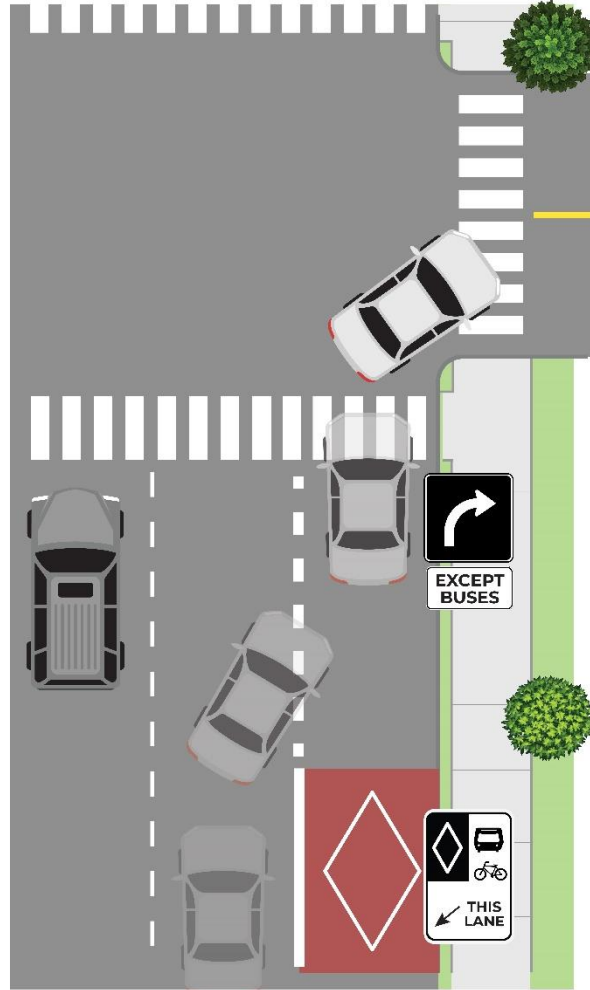
●●● Connecting our future



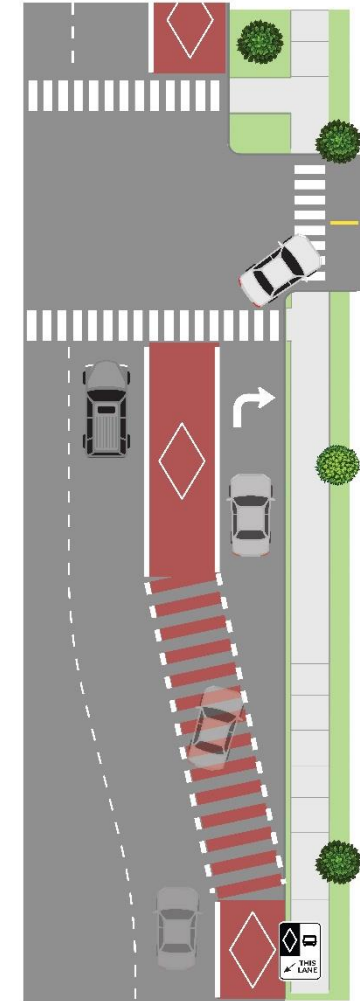
Bus lane pavement markings and signage



No right turns (solid white line)



Cars share a right turn lane with transit (entering at hatched line)



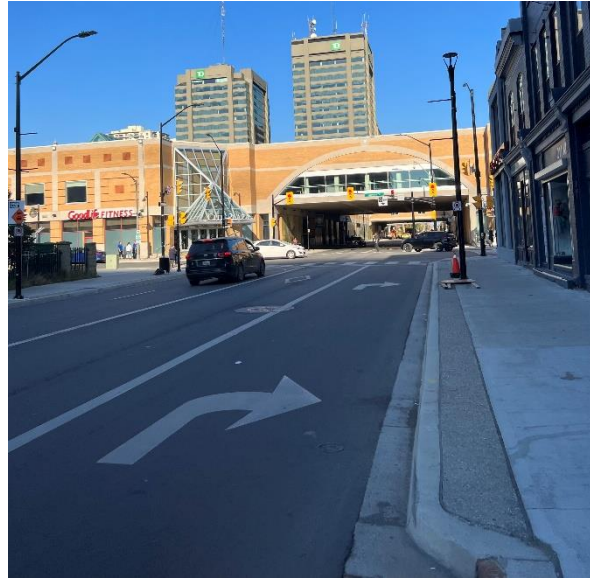
Cars cross the transit lane to get to their own right turn lane (entering at hatched line)



Making right turns with a curb bus lane



King Street & Talbot Street
No right turns permitted



King Street & Clarence Street
Shared right turn lane



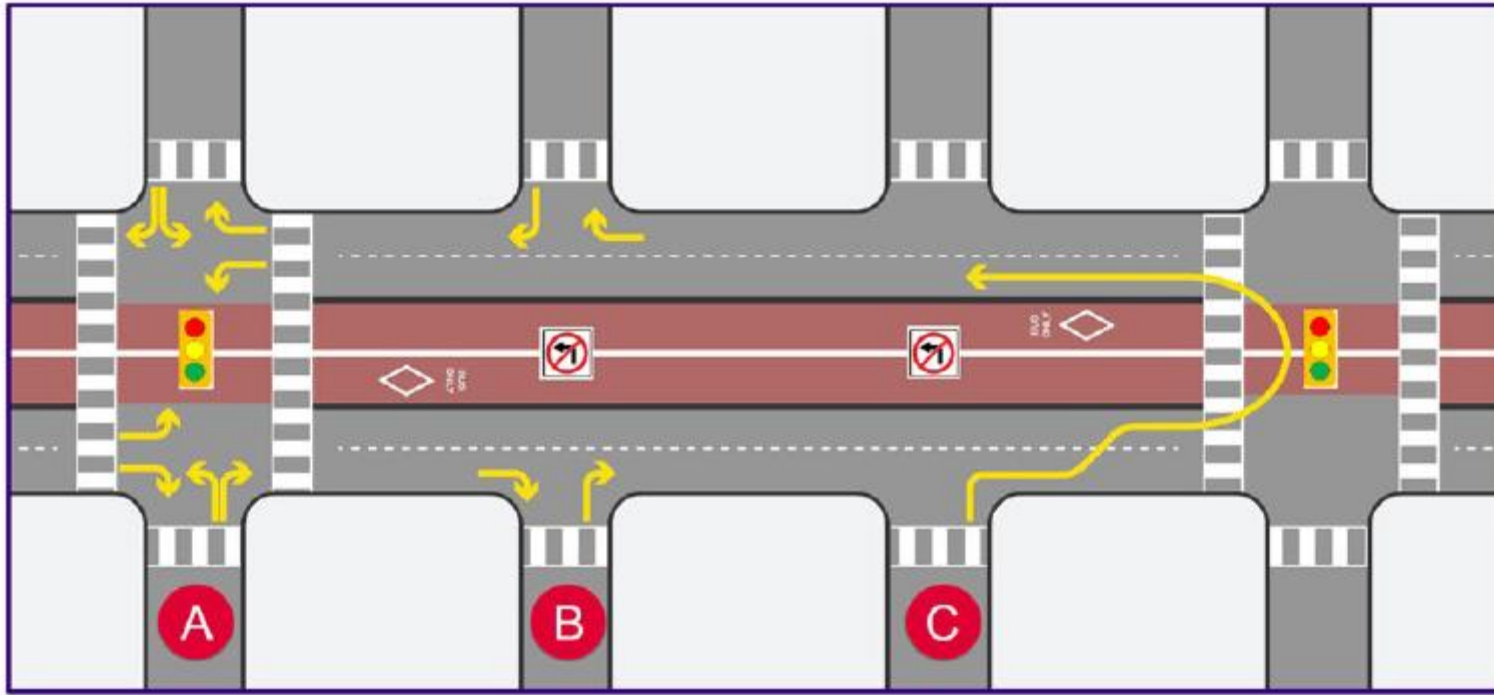
King Street & Maitland Street
Shared right turn lane



Centre-median

- Centre medians are a consistent design requirement along the rapid transit corridors, and they help ensure that drivers turn left at signalized intersections using dedicated left turn lanes. Medians are needed to maintain safe, frequent, reliable rapid transit operations. In the case of the Wellington Road corridor, the median also restricts mid-block left turns to ensure safety for all road users. With these changes, drivers are now able to make U-turns at dedicated left-turn lanes where there will be a protected left-turn/U-turn phase.
- This change may require local businesses to alter their delivery and/or access routes to and from Wellington Road.





Centre-median

Rapid transit corridors require a centre-median to:

- maintain safe, frequent, and reliable transit operations
- Keep general traffic flowing smoothly
- provide safe left turn and u-turn movements at signalized intersections

A

At signalized intersections, traffic will be able to cross the rapid transit lanes and make right or left turns.

B

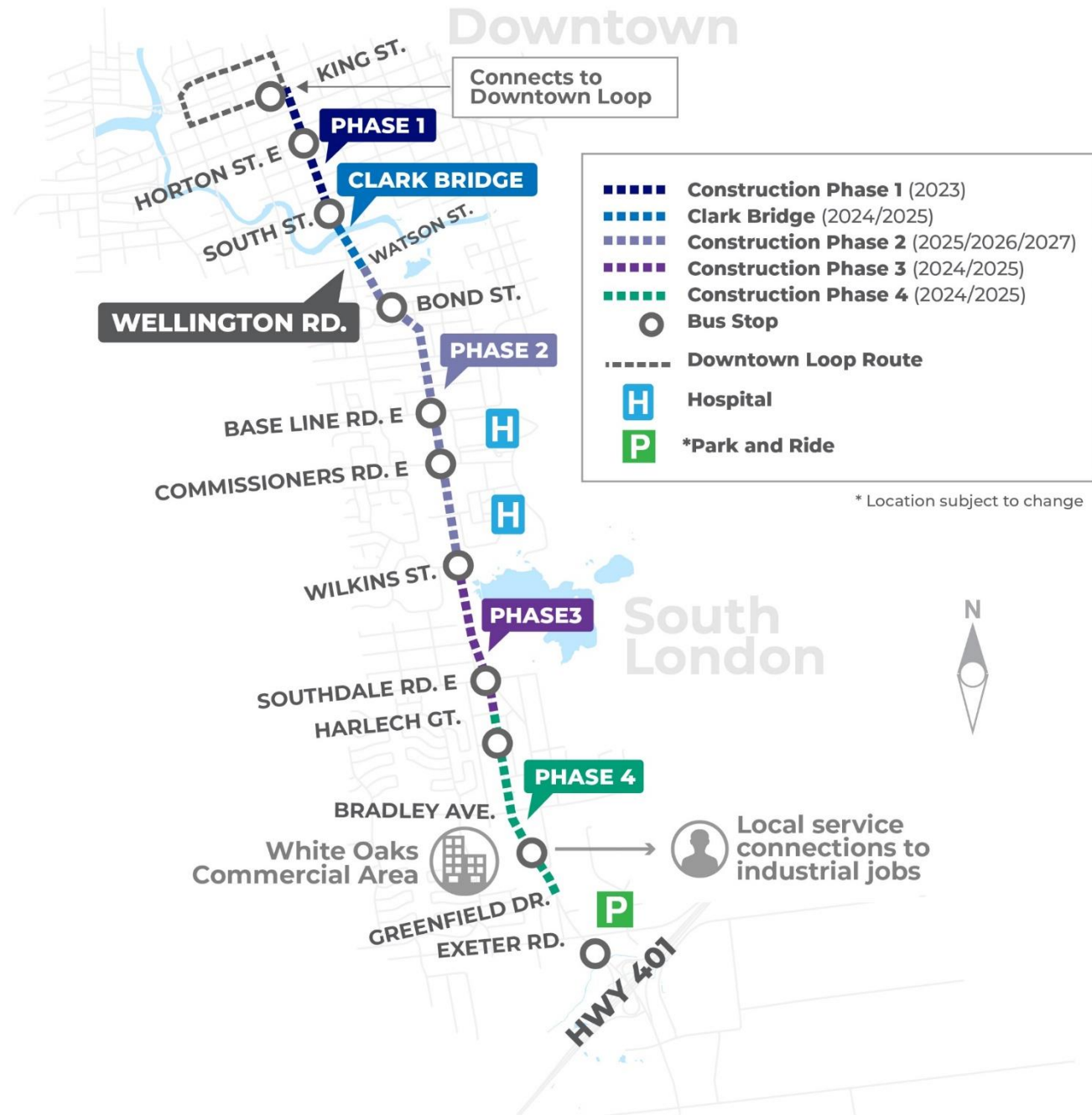
At unsignalized minor streets and driveways, traffic will only be able to make a right-turn in or out. Traffic will not be able to cross the rapid transit lanes.

C

Traffic that today turns left out of an unsignalized minor street or driveway will instead turn right and U-turn at the next signalized intersection. U-turns will use dedicated left-turn lanes and a protected signal.

Wellington Gateway

The project will revitalize approximately 6 km of key arterial road between Downtown and Highway 401.



Wellington Gateway Phase 1 construction

Phase 1 construction is underway on Wellington Street from York Street to north of the Thames River.



Design Overview – Wellington Gateway Phase 3

Presenter



Steve Brown
Project Manager
AGM Engineering

Wellington Gateway Phase 3

The project is aiming to widen Wellington Road to accommodate two traffic lanes, two new transit-only lanes, a sidewalk for pedestrians and a new multi-use path for cyclists and pedestrians. Landscaping beautification measures will also be added along the route.

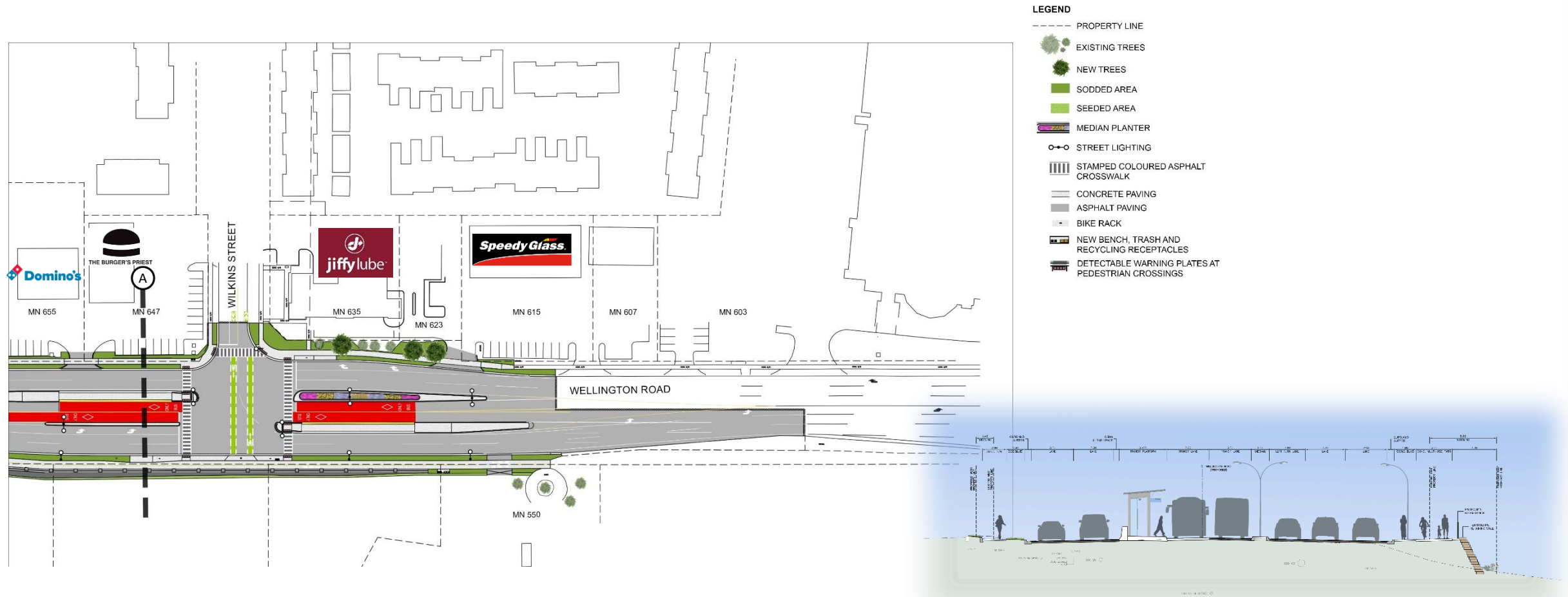


Wellington Road: Design Overview

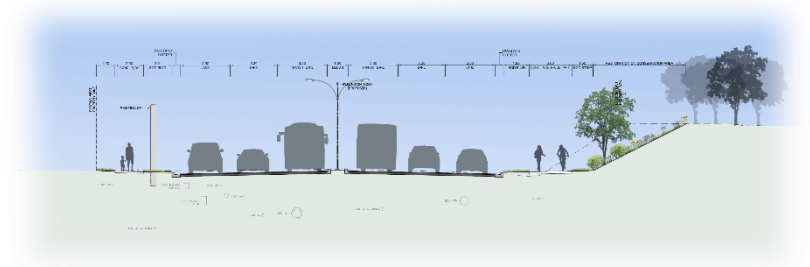
Wellington Road from Wilkins Street to Harlech Gate



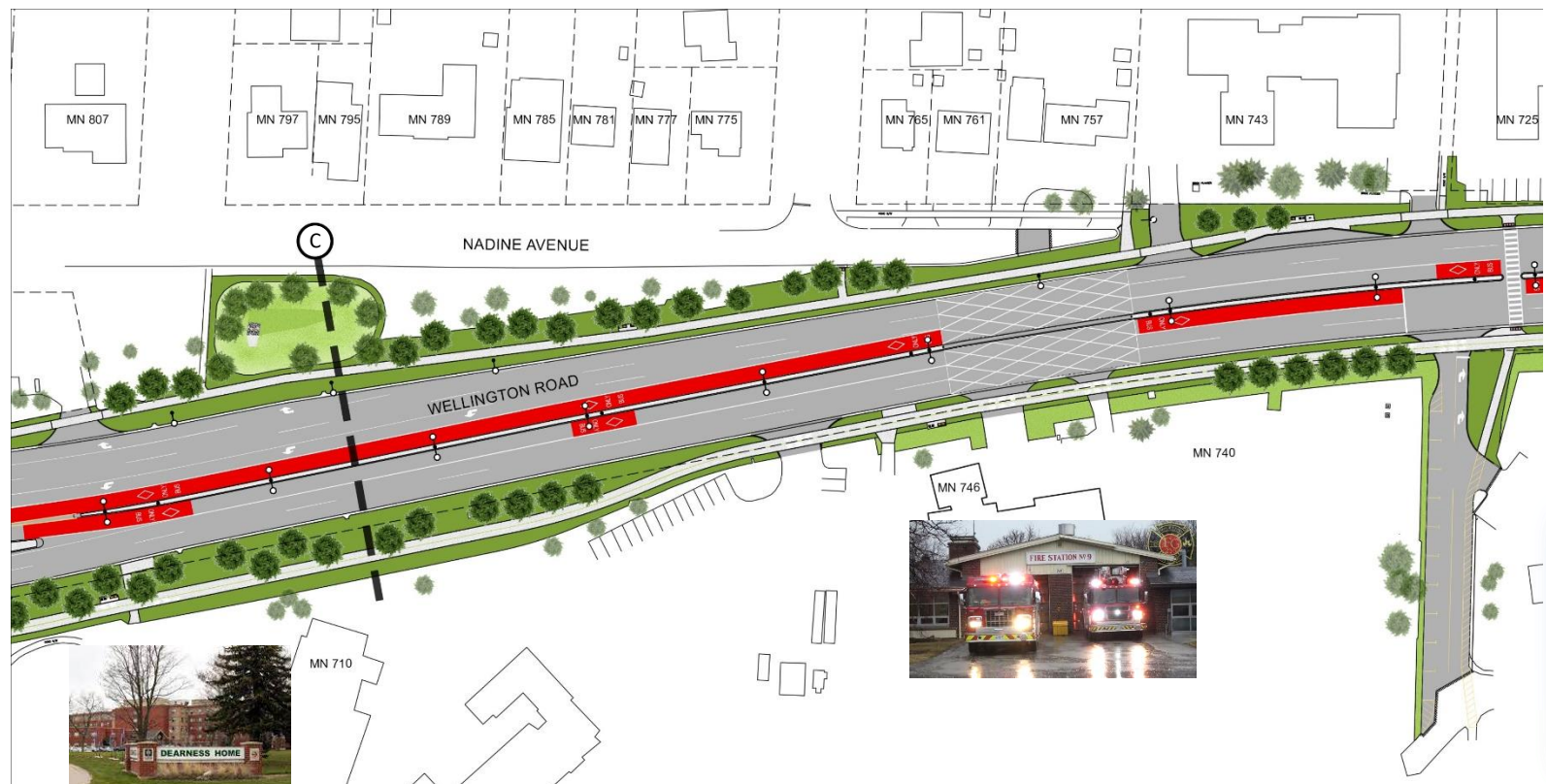
Wilkins Street



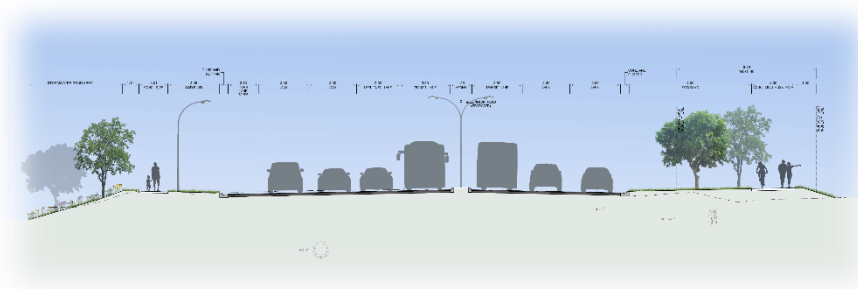
Mid-block overview from Wilkins Street



Mid-block overview from Wilkins Street



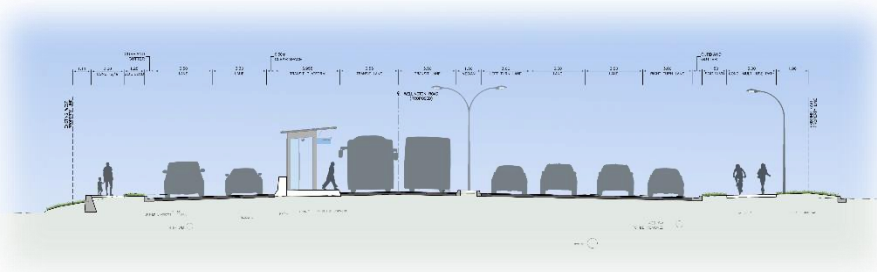
- LEGEND**
- PROPERTY LINE
 - EXISTING TREES
 - NEW TREES
 - SODDED AREA
 - SEEDED AREA
 - MEDIAN PLANTER
 - STREET LIGHTING
 - STAMPED COLOURED ASPHALT CROSSWALK
 - CONCRETE PAVING
 - ASPHALT PAVING
 - BIKE RACK
 - NEW BENCH, TRASH AND RECYCLING RECEPTACLES
 - DETECTABLE WARNING PLATES AT PEDESTRIAN CROSSINGS



Southdale Road intersection



- LEGEND
- PROPERTY LINE
 - EXISTING TREES
 - NEW TREES
 - SODDED AREA
 - SEEDDED AREA
 - MEDIAN PLANTER
 - STREET LIGHTING
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Design Overview – Wellington Gateway Phase 4

Presenter



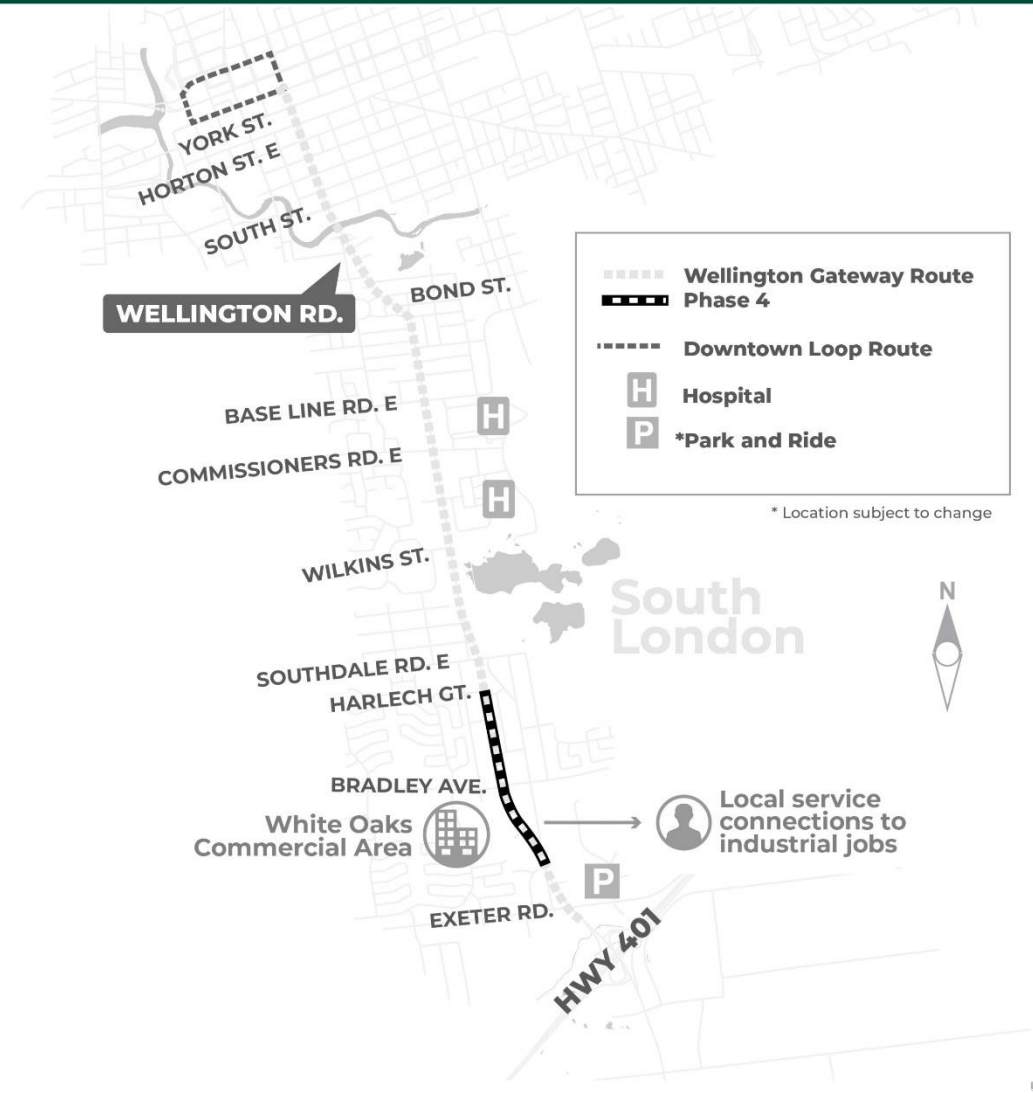
Zach Reinert-Shelley
Project Manager
AECOM

Conceptual rendering – Wellington Gateway Phase 4

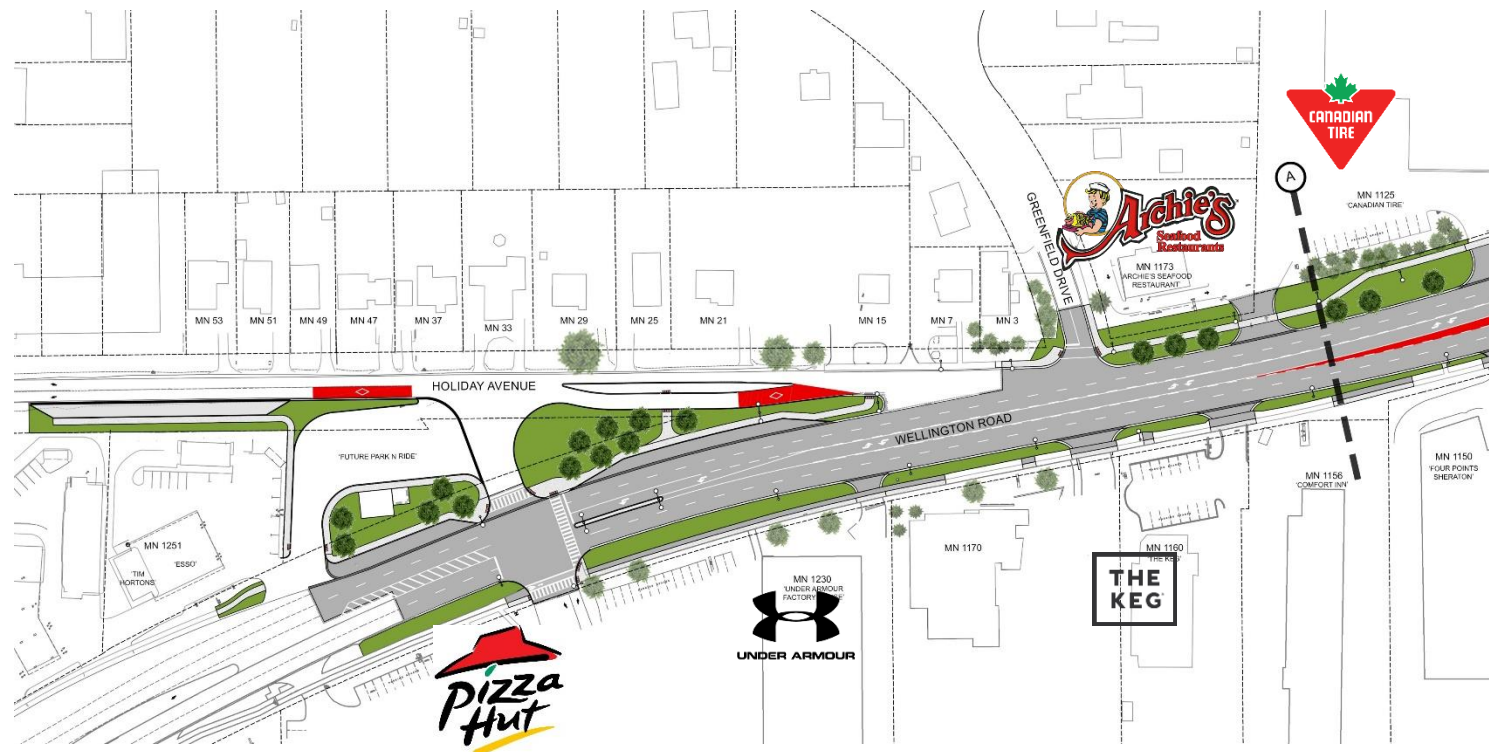


Wellington Gateway Phase 4

The project is aiming continue the two-way dedicated transit line from the Phase 3 section. Additional greenery will also be added along the route.

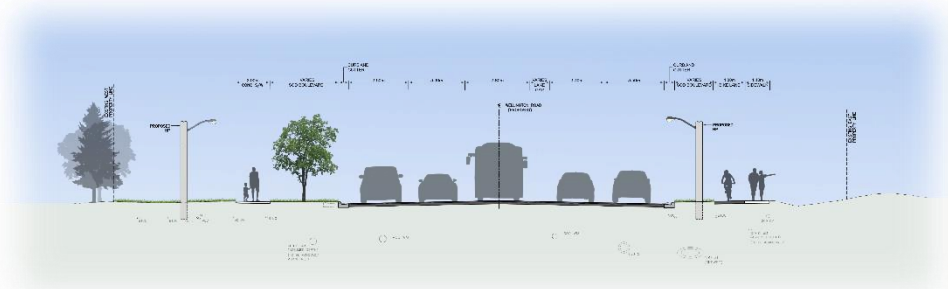


Holiday Avenue and Greenfield Drive

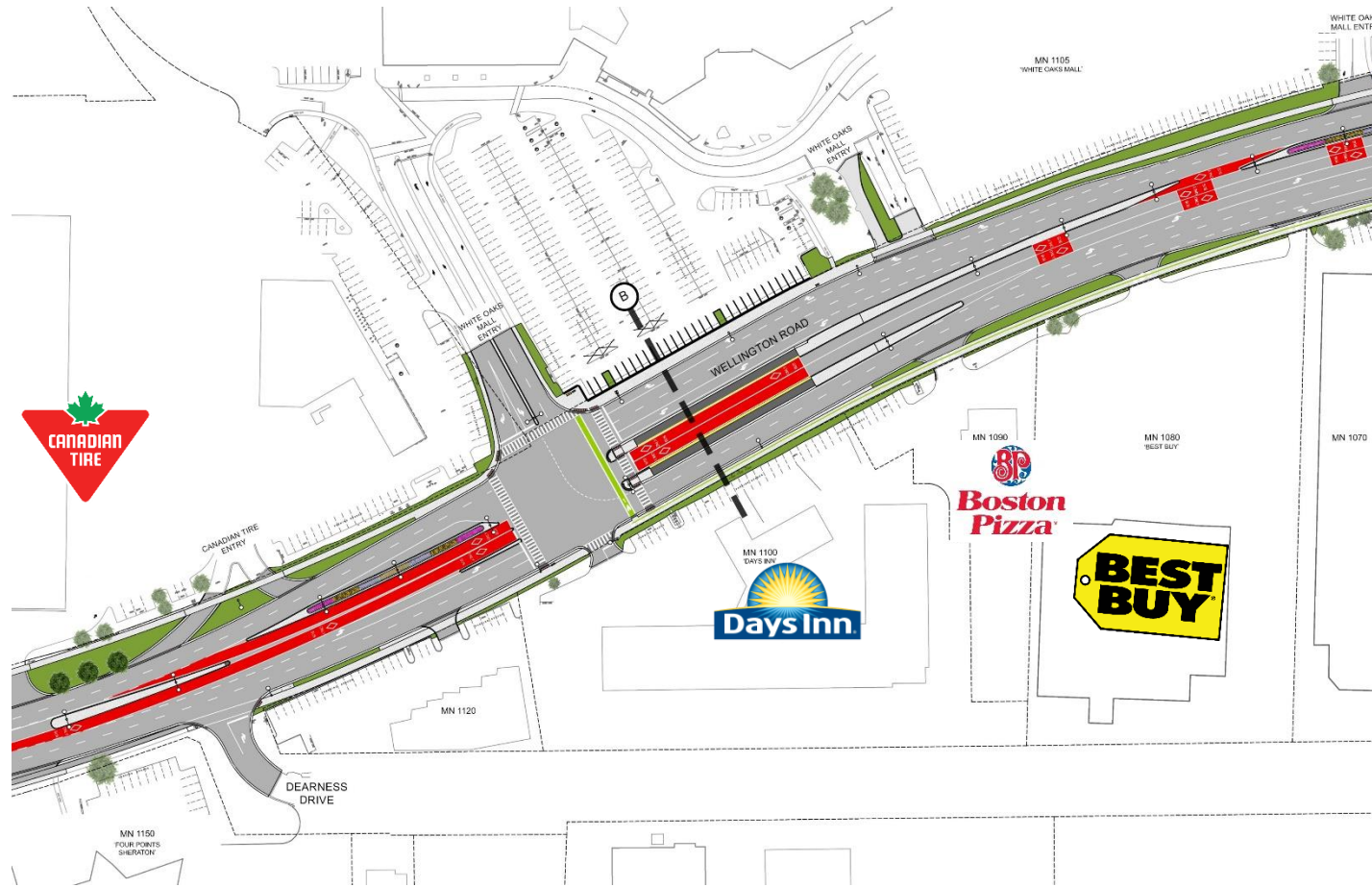


LEGEND

- PROPERTY LINE
- EXISTING TREES
- NEW TREES
- SODDED AREA
- SEEDED AREA
- ▬ MEDIAN PLANTER
- STREET LIGHTING
- ▬ STAMPED COLOURED ASPHALT CROSSWALK
- ▬ CONCRETE PAVING
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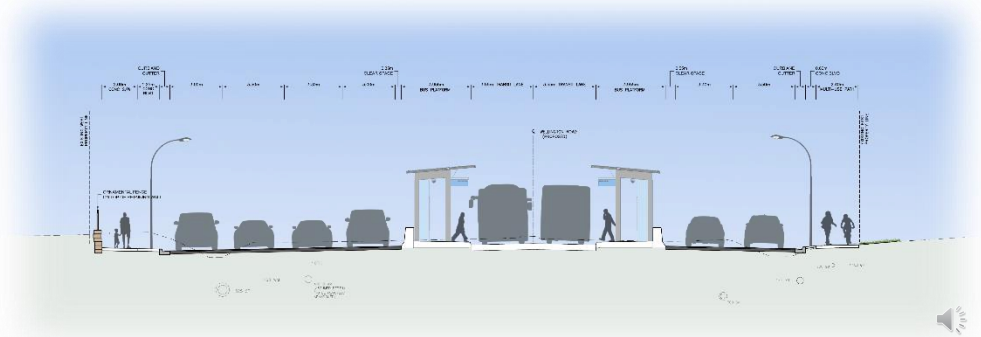


White Oaks Mall area

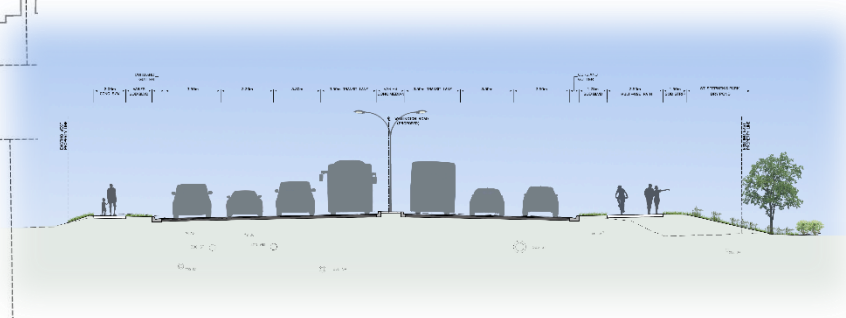
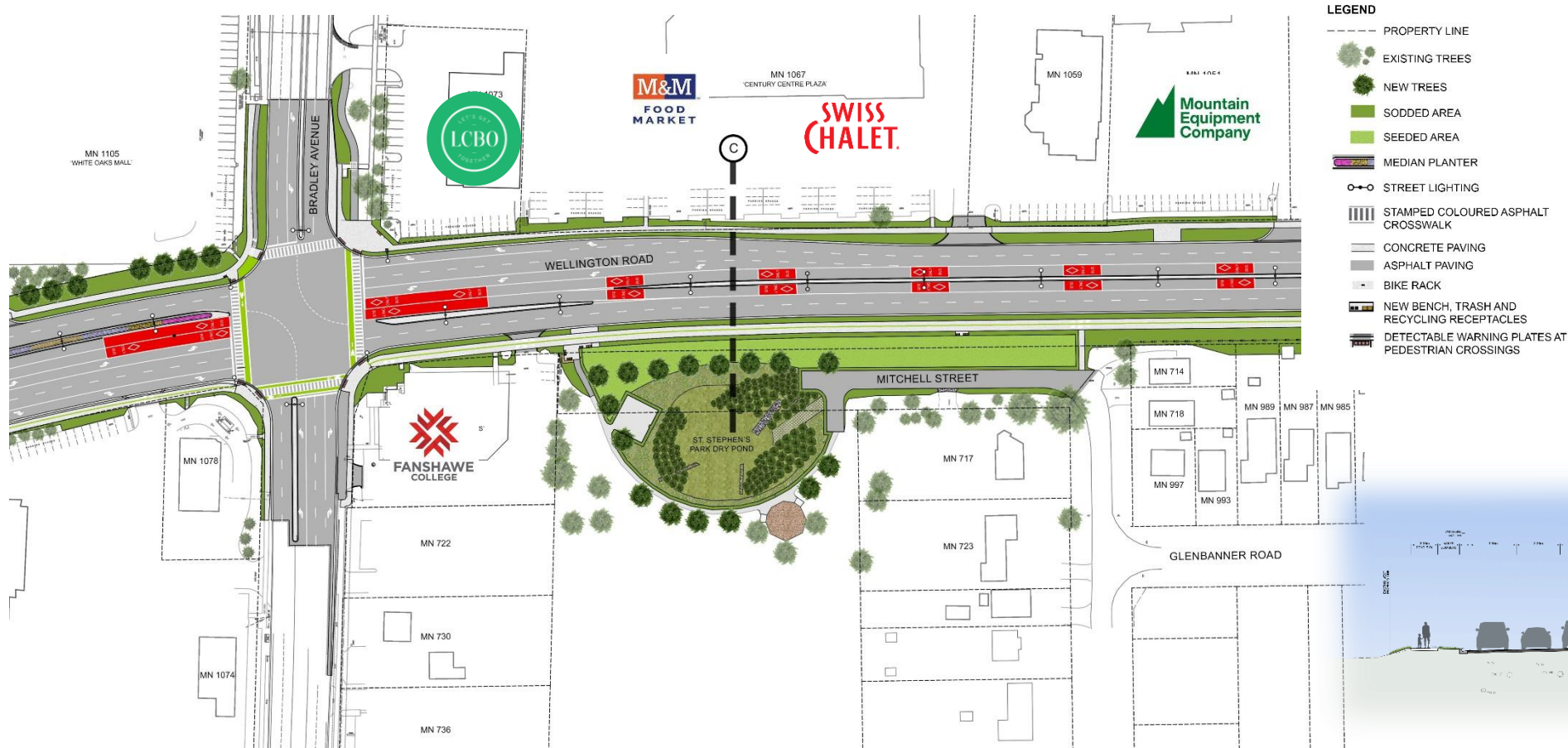


LEGEND

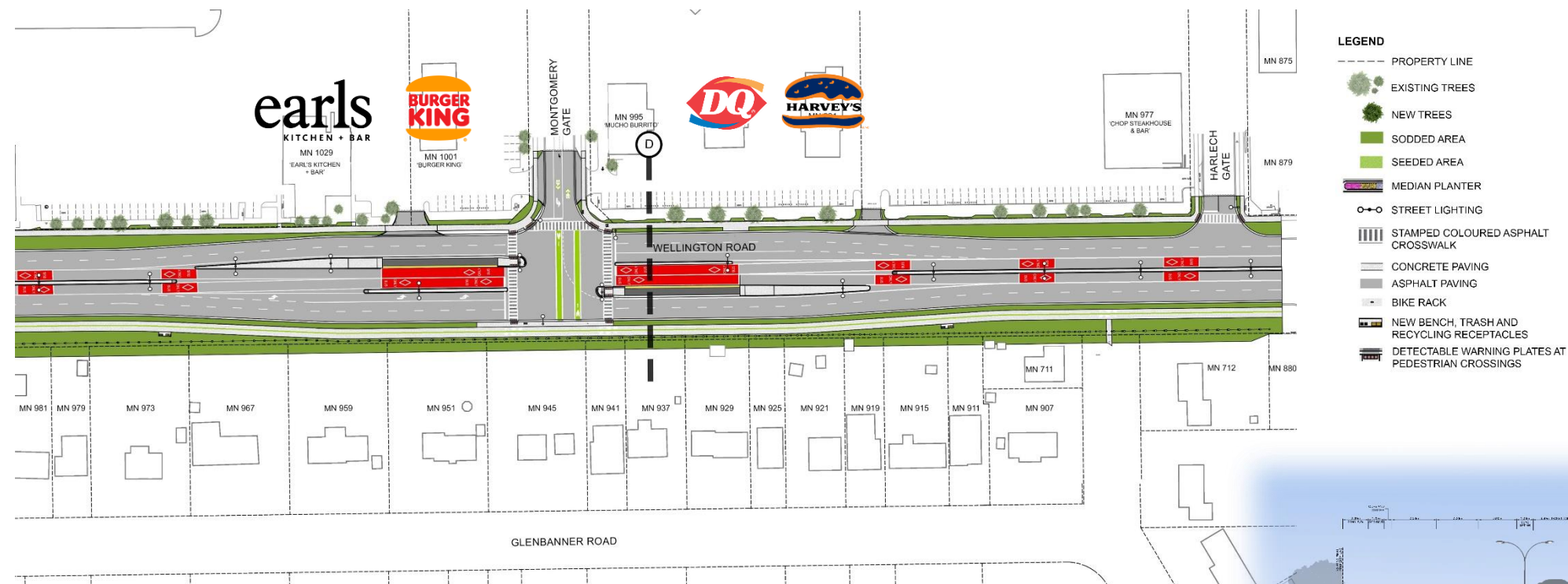
- PROPERTY LINE
- EXISTING TREES
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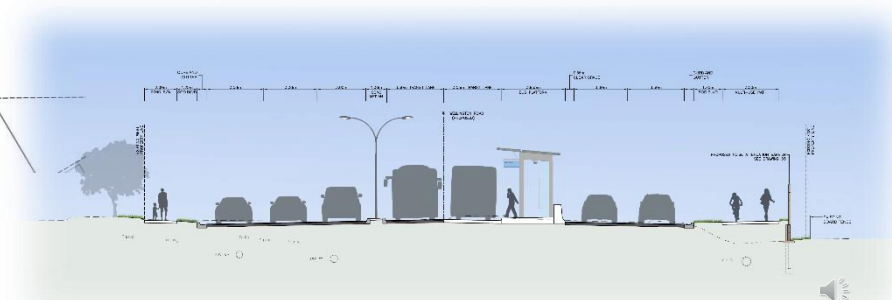
Bradley Avenue and St. Stephens Park



Montgomery Gate to Harlech Gate



- LEGEND**
- PROPERTY LINE
 - EXISTING TREES
 - NEW TREES
 - SODDED AREA
 - SEEDING AREA
 - MEDIAN PLANTER
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Anticipated traffic impacts

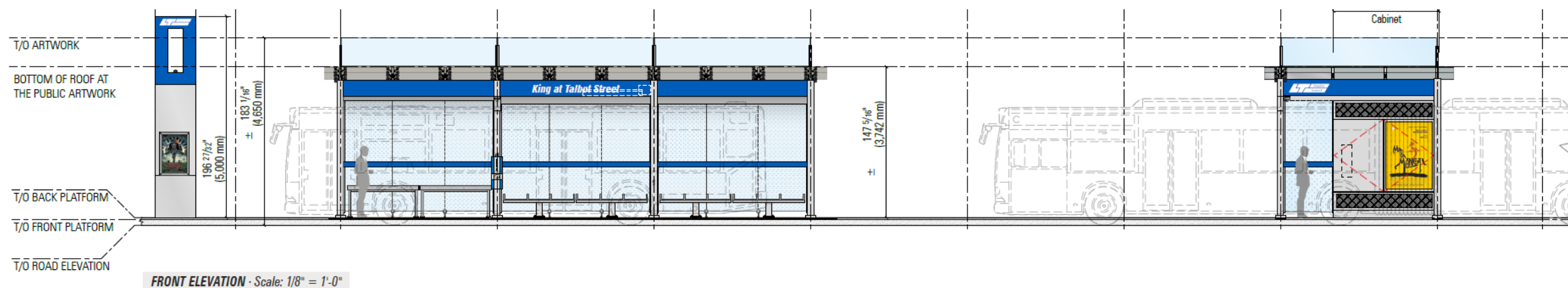
- It is anticipated that Wellington Road will remain open with reduced lanes (at least one way in each direction, including turn lanes where feasible) during construction.
- Access to businesses may be periodically restricted (i.e. right in-right out only) while the road widening and underground infrastructure construction takes place. Any direct impacts will be communicated in advance.
- Pedestrian and bike access will be maintained, including connections to adjacent pathways
 - Cyclists may be required to dismount and walk
 - Sidewalk access will be always maintained on at least one side of the road

Station and stop design



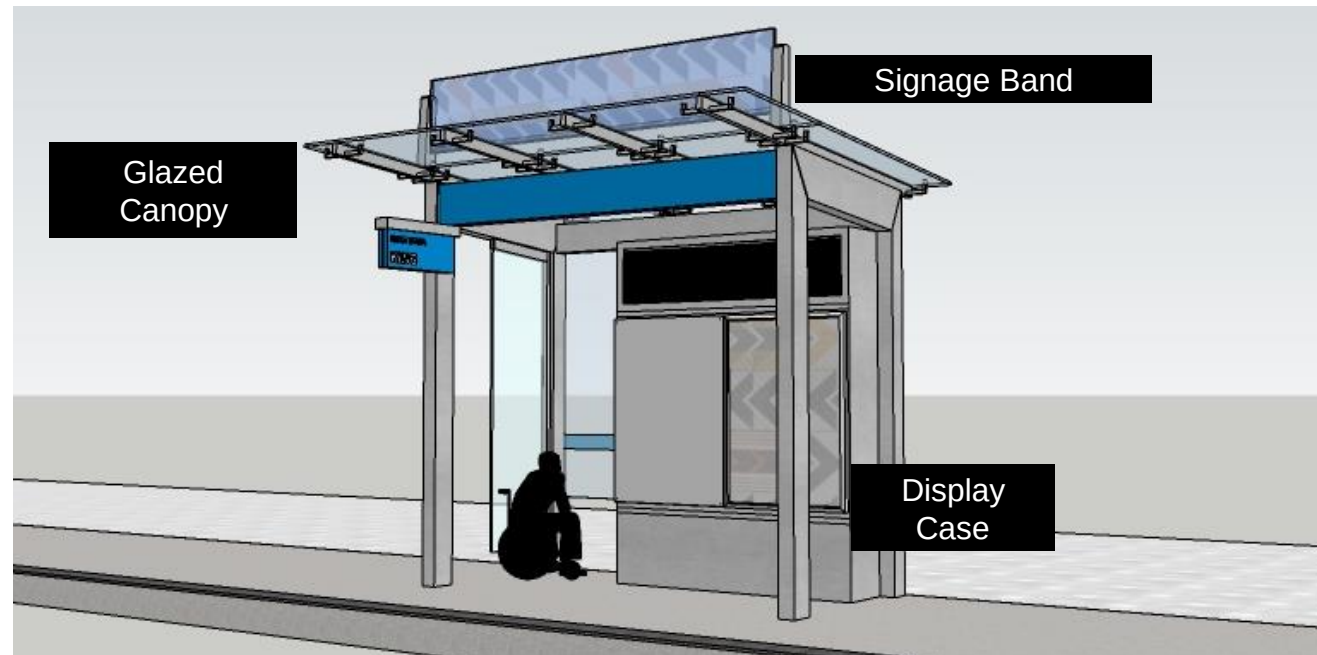
Station and stop designs

Conceptual designs only. Colours and final design will be determined later in the process.



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What to expect during construction and next steps



Planning for construction



Managing construction impacts

Building on similar construction projects, the City will continue to emphasize communication and coordination to minimize potential impacts to residents and businesses during construction.



Resources will be provided to businesses to help navigate construction



Wayfinding signs to help communicate construction plans, detours and timelines



Next steps

- Detailed design is being finalized over next couple months
- The projects will be tendered early in the spring
- Advance work is planned for summer 2024, including tree removals, utility relocation, installation of temporary traffic signals
 - A notice will be sent to residents, businesses and property owners ahead of this work
- Construction is anticipated to begin in summer 2024 and continue through 2025



How to stay informed



Stay connected

- Sign up for **email notifications** at:
getinvolved.london.ca/wellingtongateway
- **Contact the project team:**
 - wellingtongateway@london.ca
 - 519-930-3518
- **Follow** the City of London on social media



Thank you

