

University Ave Dundas St West to College St (West Side)

Proposed Cycle Track Upgrades and
Safety Improvements

May 2022

Background

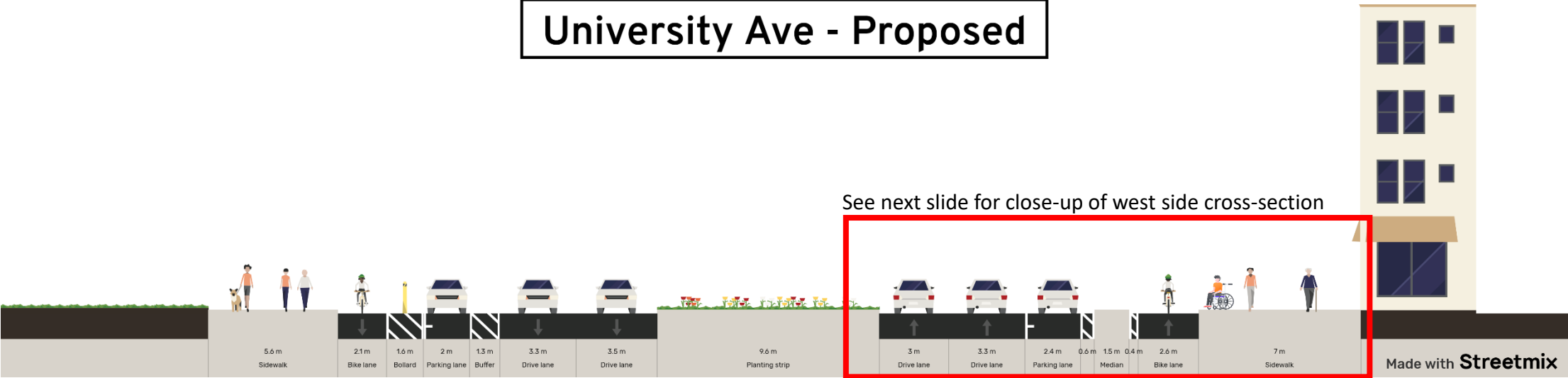
- Capital project in 2023 on west side of University Ave from Dundas St West to College St
 - Watermain replacement
 - Road resurfacing
 - Cycle track upgrades
 - Geometric safety improvements
- Cycle track and safety improvements
 - Widened cycle track
 - Improved separation for cycle track – raised concrete medians (with gaps for accessible travel between parking/pick-up/drop-off and sidewalk; and for drainage)
 - Replacing hatched areas with raised concrete islands, where possible
 - Curb radii reduction, where possible
 - Extension of median bullnoses at Gerrard St West and Elm St
 - Dropped curbs in sidewalk to facilitate barrier-free access between parking lane/pick-up/drop-off and sidewalk

Existing and Proposed Cross-sections

University Ave - Existing

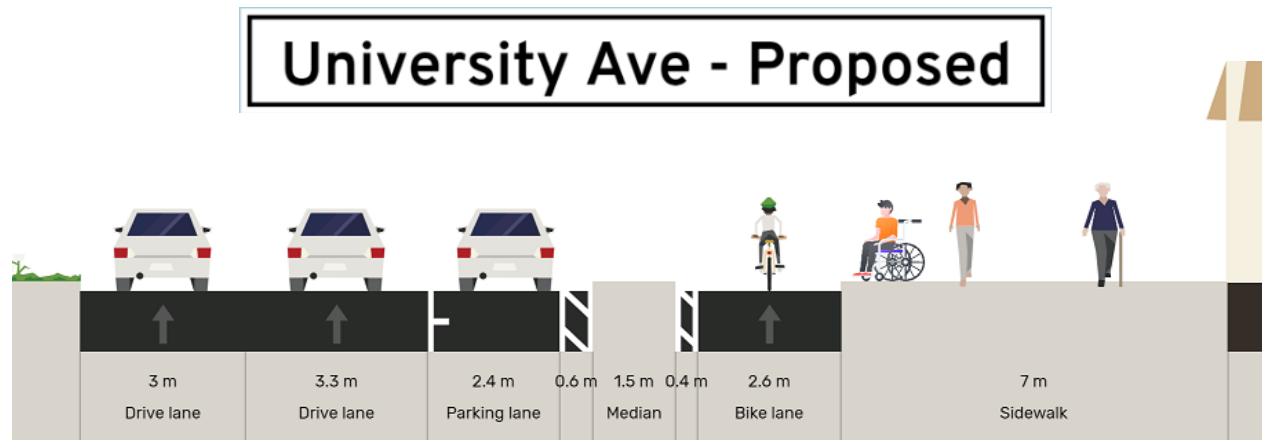
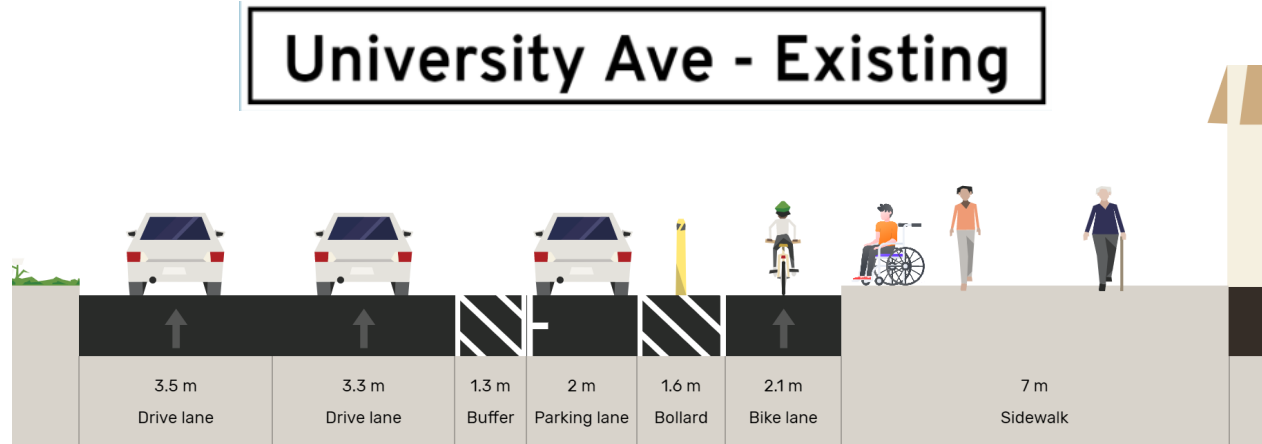


University Ave - Proposed



University Ave, north of Gerrard St West – looking south

Existing and Proposed Cross-sections West Side



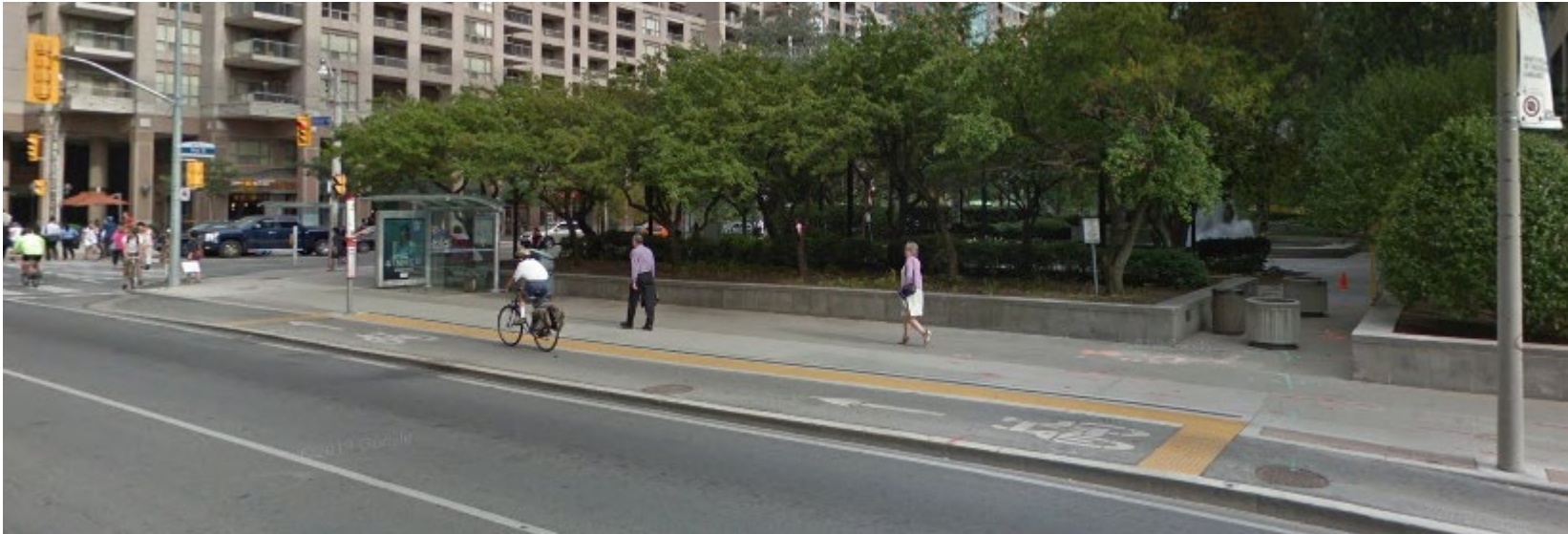
Note: the curb to curb width will not change from existing and remains at +/- 13.8 m

University Ave, north of Gerrard St West – looking south

EXAMPLES OF PROPOSED ELEMENTS FOR UNIVERSITY AVE

Raised transit platforms

- Transit platforms are at sidewalk level
- Accommodate accessible boarding/alighting for transit users
- Avoid buses having to encroach into the cycling facility (as with curbside stops)



Transit platform at south side of Wellesley St, west of Bay St, Toronto

Dropped curbs in sidewalk

- Provide pedestrians with accessible transitions between roadway and sidewalk levels
- Proposed at parking and pick-up/drop-off locations along University Ave



Dropped curb for St. Andrew's Church and office, east side of Simcoe St, south of King St West, Toronto

Concrete medians

- Installed in buffer zone adjacent to cycle track for improved separation
- Along University Ave, gaps will be provided for accessible passage between parking and pick-up/drop-off locations and sidewalk



Concrete median adjacent to cycle track on east side of River St, south of Cornwall St, Toronto



Concrete median adjacent to bi-directional cycle track; Rio Grande Street, Austin
(www.austintexas.gov/page/protected-bike-lanes)

Concrete islands

- Generally bookend parking and pick-up/drop-off locations
- Replace existing hatched areas on University Ave, where possible
- Improve delineation and separation between cycle track, parking and pick-up/drop-off areas, and travel lanes
- Include plantings where possible (maintenance will require closing adjacent traffic lane, to be done during overnight hours, approx. once a month during growing season)



Concrete island on south side of East 1st Ave, east of Quebec St, Vancouver



Concrete island on south side of Gerrard St East, west of George St, Toronto