103A Avenue and 99 Street Streetscape **Design Booklet**

January 2024

Planning and design continues to revitalize 103A Avenue between 101 Street and 97 Street, and 99 Street between 102A Avenue and 103A Avenue!

The ongoing transformation of downtown through the 103A Avenue and 99 Street Streetscape project intends to create more green and walkable streets that are attractive, safe, connected, and pleasant for pedestrians and cyclists while considering the needs of the area's unique blend of users.

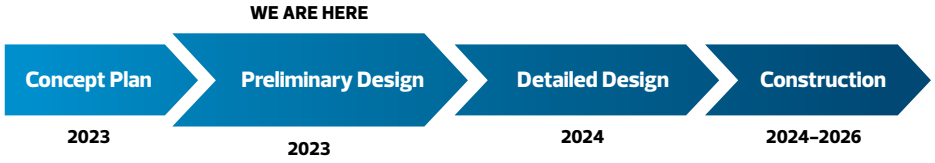
The project will increase downtown vibrancy, enhance safety, add landscaping, improve accessibility and improve the experience for active transportation users.

This project will:

- Construct wider sidewalks
- Construct permanent raised bike lanes on 99 Street
- Add a shared pathway on 103A Avenue
- Add trees and green spaces, where possible
- Add new street furniture and lighting

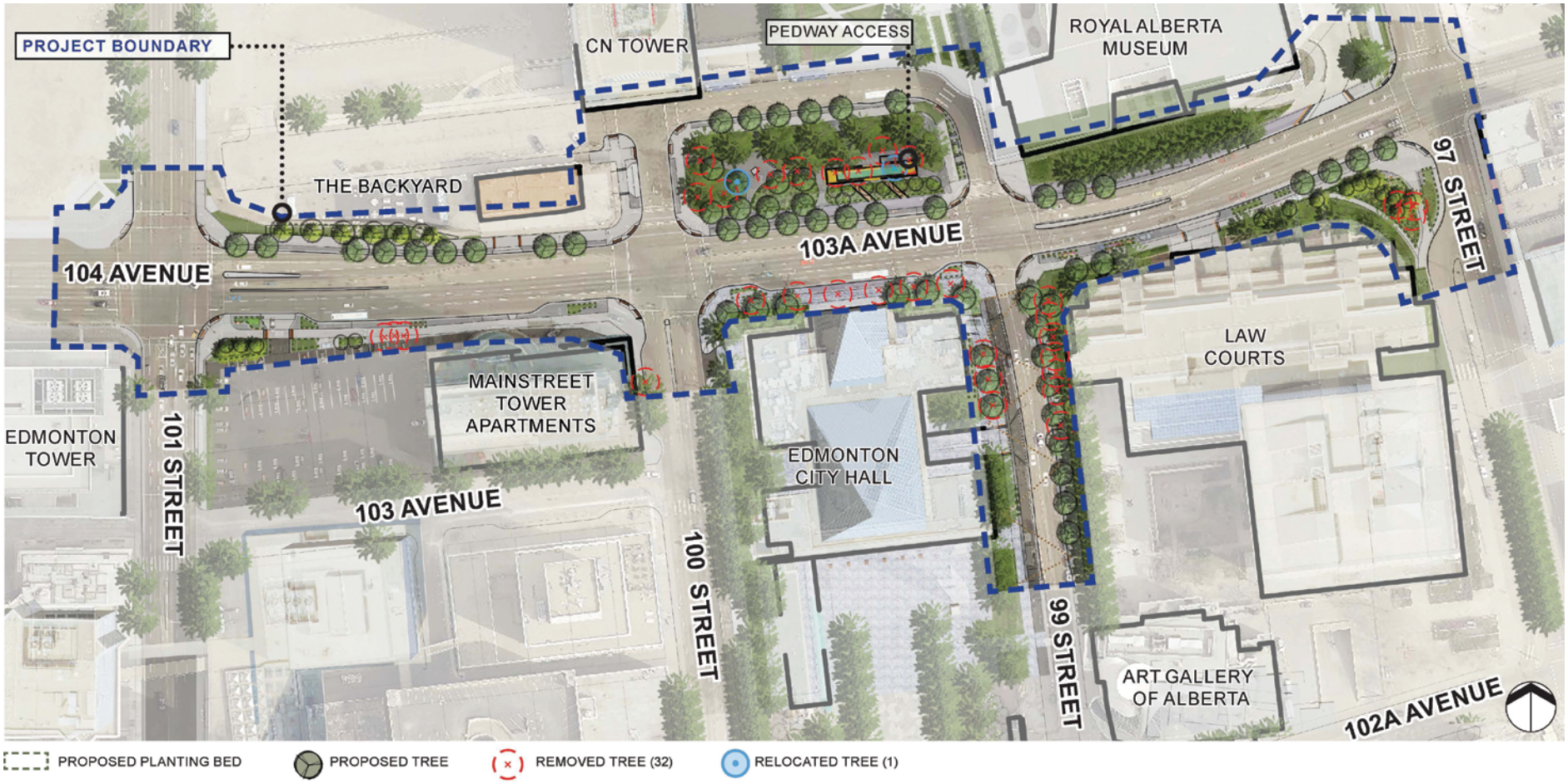
Street level access for a new **pedway** under 99 Street will be included in the green space north of 103A Avenue between the CN Tower and the Royal Alberta Museum. This pedway adds an essential link to the City's downtown underground pedway system from Churchill Capital Line LRT Station to the future Station Lands development.

The following pages show the updated plans for this project. Construction is scheduled to begin in 2024 and be complete in 2026.



The design considers and creates consistency with the streetscape design for **99 Street south of 102 Avenue**.

Preliminary Design: 99 Street between 102A Avenue and 103A Avenue, and 103A Avenue between 101 Street and 97 Street



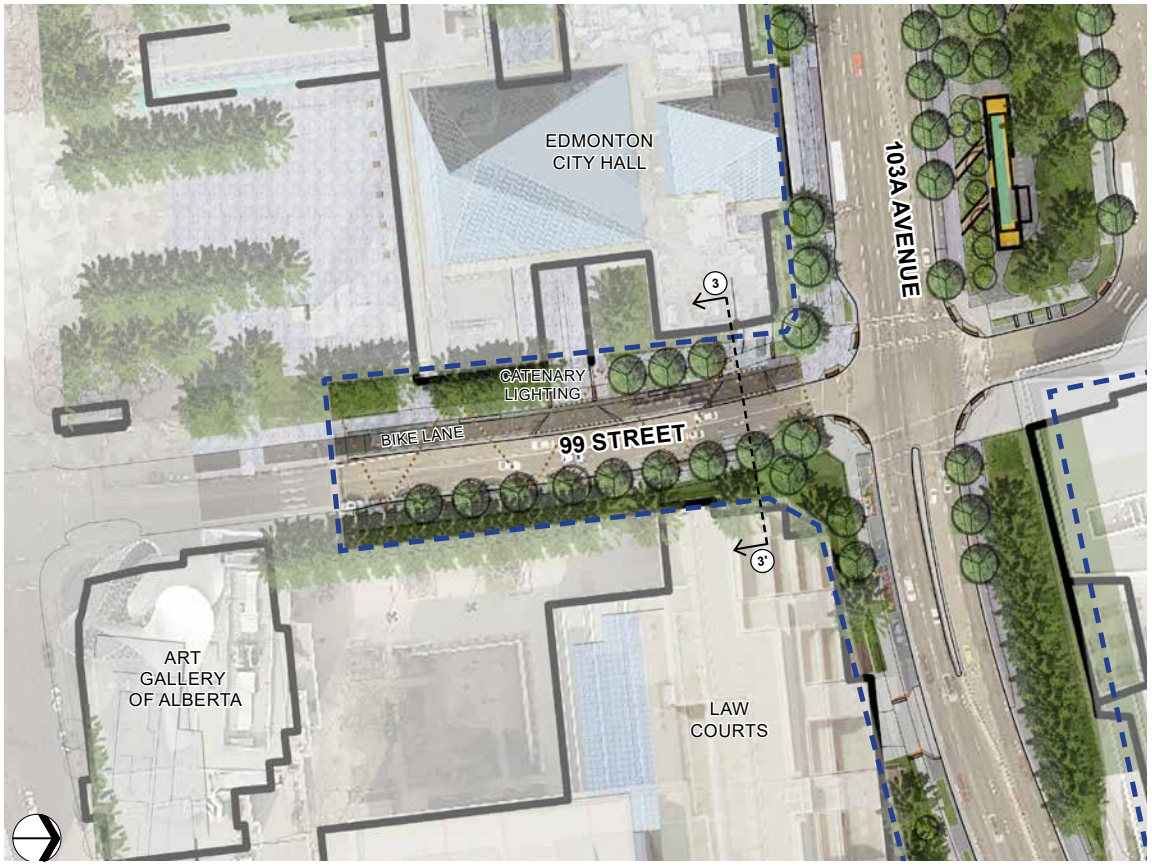
Preliminary Design: 99 Street between 102A Avenue and 103A Avenue

The preliminary design includes:

- One northbound and one southbound vehicle travel lane
- Removal of northbound left and right turn lanes at 103A Avenue, narrowing the roadway. Left and right turns permitted from the through lane
- Parallel parking on the east side of 99 Street
- A two-way raised bike lane on the west side connecting the bike lane south on 99 Street, the bike lane on 102 Avenue, the separated bike lanes on 102A Avenue and routes further north in the existing Downtown Bike Network
- Completion of the **Civic Precinct** project on the west side of 99 Street
- Continuous, raised bike lane and sidewalk crossings at the driveway accesses into City Hall to enhance safety
- Improved pedestrian crossing at intersections due to narrower roadway

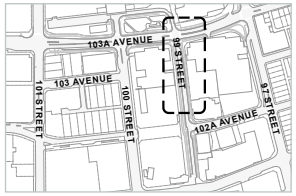
Based on public feedback, the design includes a greater separation between the bike lane and sidewalk than was shown in the concept plan (July 2023) for the safety of all users.

Project area: 99 Street between 102A Avenue and 103A Avenue

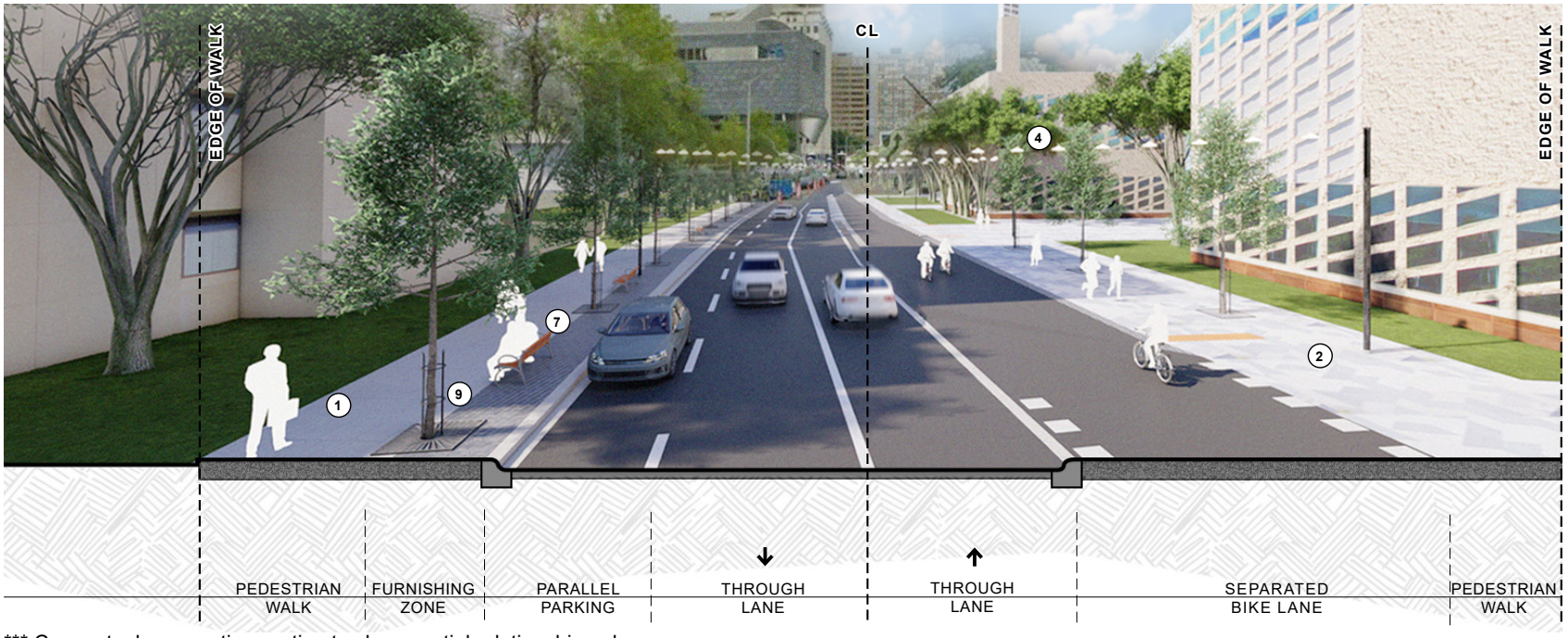


LEGEND

Section Cut



Preliminary Design: 99 Street between 102A Avenue and 103A Avenue



*** Conceptual perspective section to show spatial relationship only

THROUGH ZONE

PAVEMENT





FURNISHING ZONE

PAVEMENT



LIGHTING



BIKE PARKING



BOLLARDS



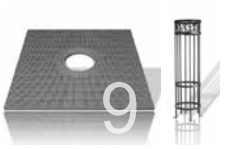
SEATING



WASTE RECEPTACLE



TREE PROTECTION

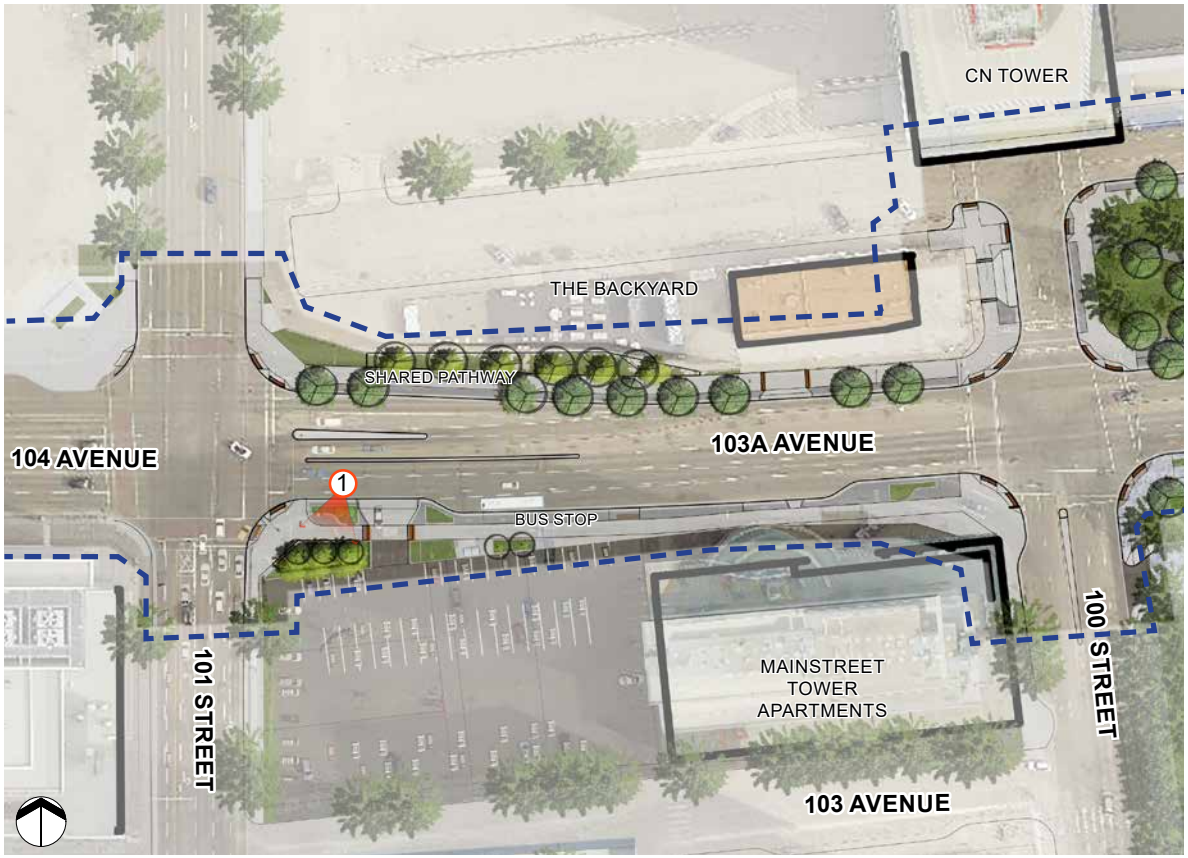


Preliminary Design: 103A Avenue between 101 Street and 100 Street

The preliminary design includes:

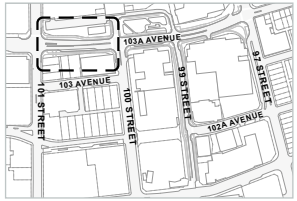
- Two travel lanes in each direction
- Removal of the westbound right turn lane at 101 Street, narrowing the roadway. Right turns permitted from the through lane
- Removal of the eastbound right turn lane at 100 Street, narrowing the roadway. Right turns permitted from the through lane
- Wider sidewalks separated from the vehicle lanes by a furnishing zone. Furnishing zone will contain street furniture and streetlights, as well as trees, where feasible
- A shared pathway on the north side connecting to other bike routes on the Downtown Bike Network
- Creation of a separate bus loading bay and space for garbage pick-up on the south side of 103A Avenue

Project area: 103A Avenue between 101 Street and 100 Street



LEGEND

1 Perspective View



Preliminary Design: 103A Avenue between 101 Street and 100 Street

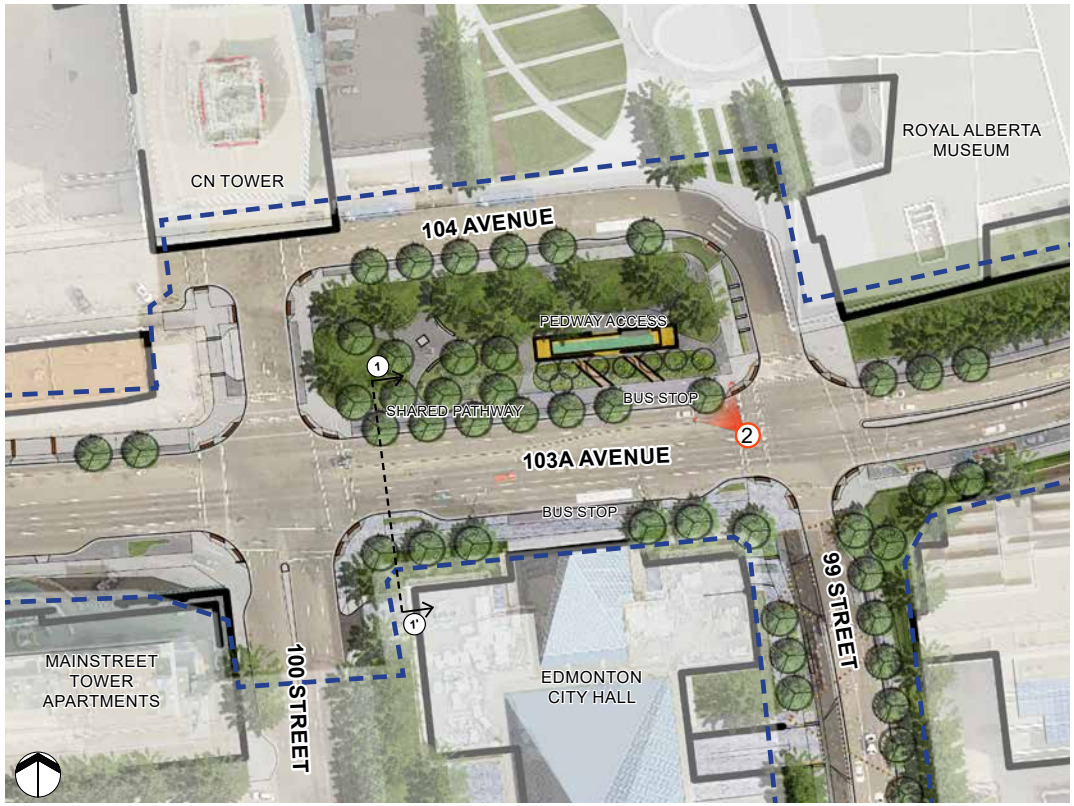


Preliminary Design: 103A Avenue between 100 Street and 99 Street

The preliminary design includes:

- Two travel lanes in each direction
- Removal of the eastbound right turn lane at 99 Street, narrowing the roadway. Right turns permitted from the through lane
- Wider sidewalks separated from the vehicle lanes by a furnishing zone. Furnishing zone will contain street furniture and streetlights
- A shared pathway on the north side connecting to other bike routes on the Downtown Bike Network
- Reduction of vehicle lanes on 100 Street and 104 Avenue around the transit loop, allowing the expansion of the existing island and the creation of new green space
- Street level access to the underground pedway in the island
- Completion of the **Civic Precinct** project work on the south side of 103A Avenue
- Creation of a separate bus loading bay in front of City Hall with the addition of curb extensions

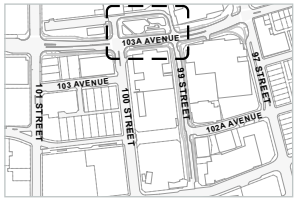
Project area: 103A Avenue between 100 Street and 99 Street



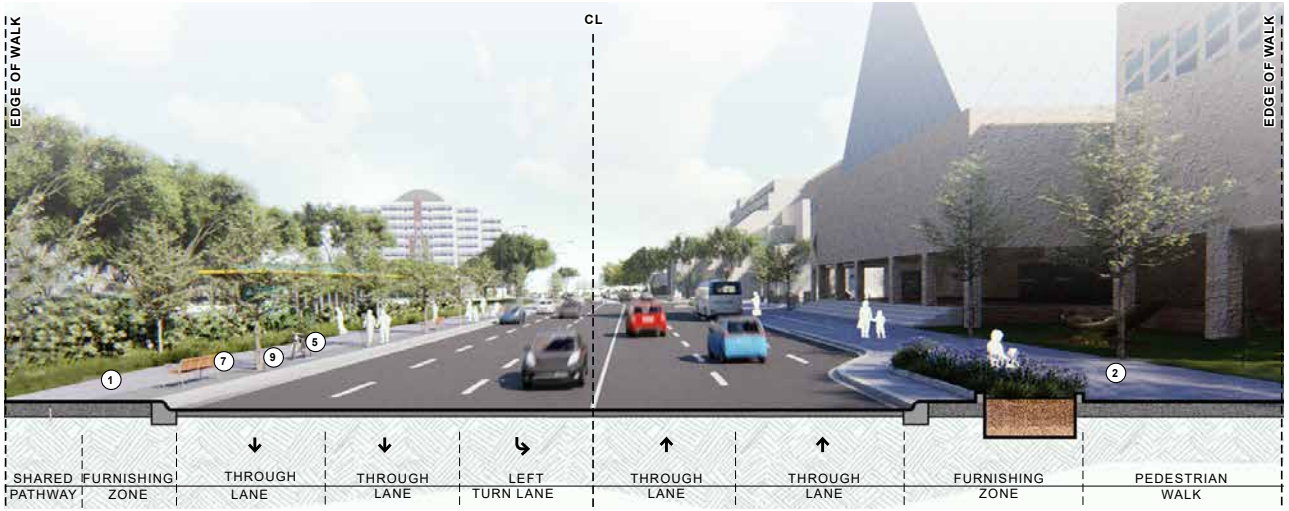
LEGEND

2 Perspective View

Section Cut



Preliminary Design: 103A Avenue between 100 Street and 99 Street



*** Conceptual perspective section to show spatial relationship only

THROUGH ZONE

PAVEMENT



FURNISHING ZONE

PAVEMENT | LIGHTING | BIKE PARKING | BOLLARDS



SEATING | WASTE RECEPTACLE | TREE PROTECTION



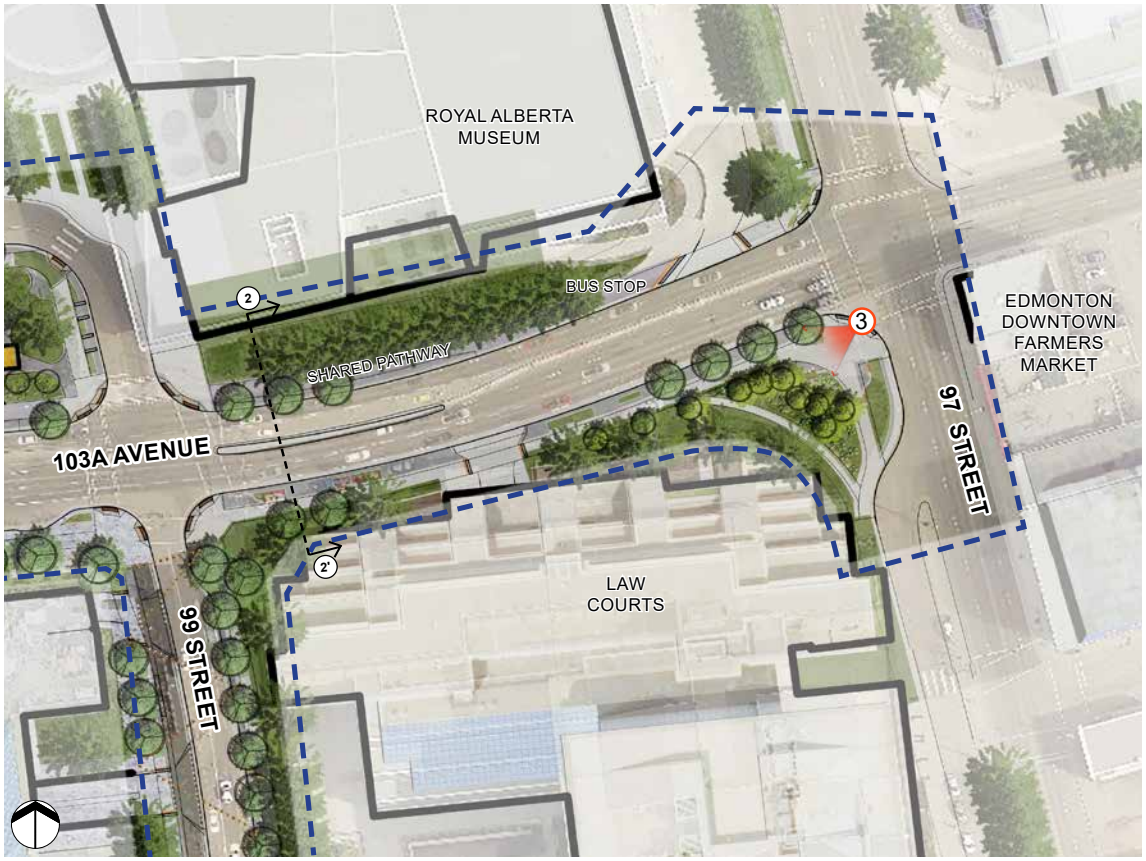


Preliminary Design: 103A Avenue between 99 Street and 97 Street

The preliminary design includes:

- Two travel lanes in each direction
- Removal of the westbound left turn lane at 99 Street, narrowing the roadway. Westbound left turns at 99 Street will not be permitted
- Removal of the eastbound right turn lane at 97 Street, narrowing the roadway. Right turns permitted from the through lane
- Removal of parking on the south side of 103A Avenue
- Wider sidewalks separated from the vehicle lanes by a furnishing zone. Furnishing zone will contain street furniture and streetlights, as well as trees, where feasible
- A shared pathway on the north side connecting to other routes on the Downtown Bike Network
- Retaining trees on the north side in front of the Royal Alberta Museum
- A new pocket park on the southwest corner of 103A Avenue and 97 Street

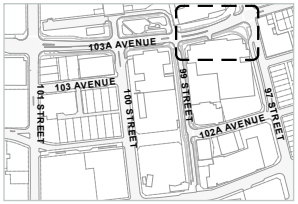
Project Area: 103A Avenue between 99 Street and 97 Street



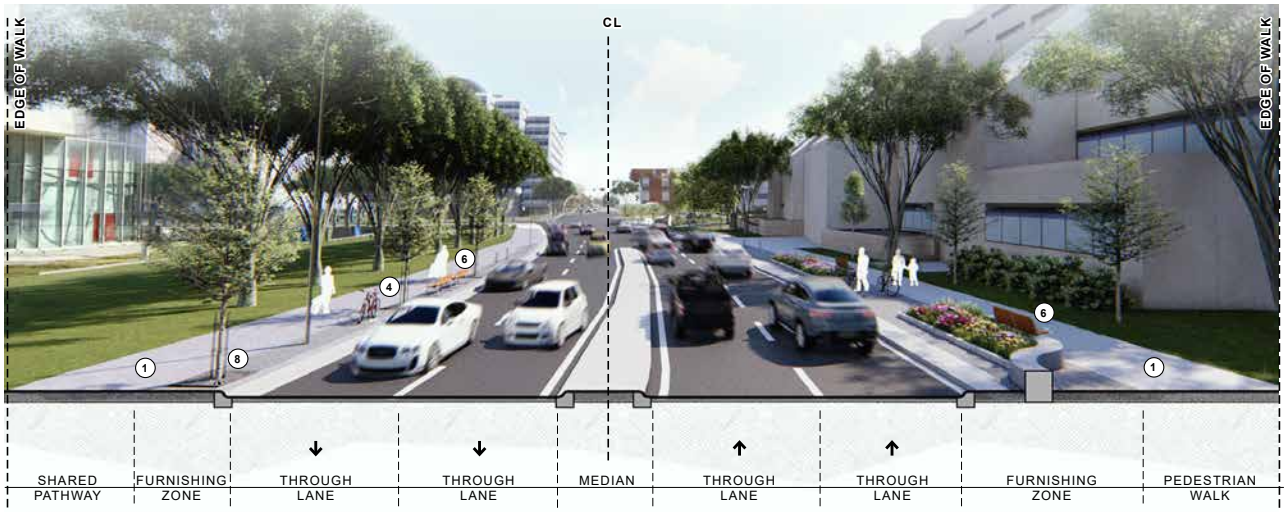
LEGEND

3 Perspective View

Section Cut



Preliminary Design: 103A Avenue between 99 Street and 97 Street



*** Conceptual perspective section to show spatial relationship only

THROUGH ZONE

PAVEMENT



FURNISHING ZONE

PAVEMENT



LIGHTING



BIKE PARKING



BOLLARDS



SEATING



WASTE RECEPTACLE



TREE PROTECTION

