

WELCOME

105 Avenue Streetscape Columbia Avenue Preliminary Design Update

What is the meeting for?

- To obtain your comments on options
- To obtain your perspective on the project

All comments will be considered in the update of the Columbia Avenue preliminary design.

Drop in Public Meeting #1

4:00 to 8:00 pm, February 13, 2018



Preliminary design

Construction complete

2018 Preliminary Design

The intent of the 105 Avenue Streetscape is to revitalize and improve the appearance and function of 105 Avenue from 97 through 116 Street for pedestrians, cyclists, and community members.

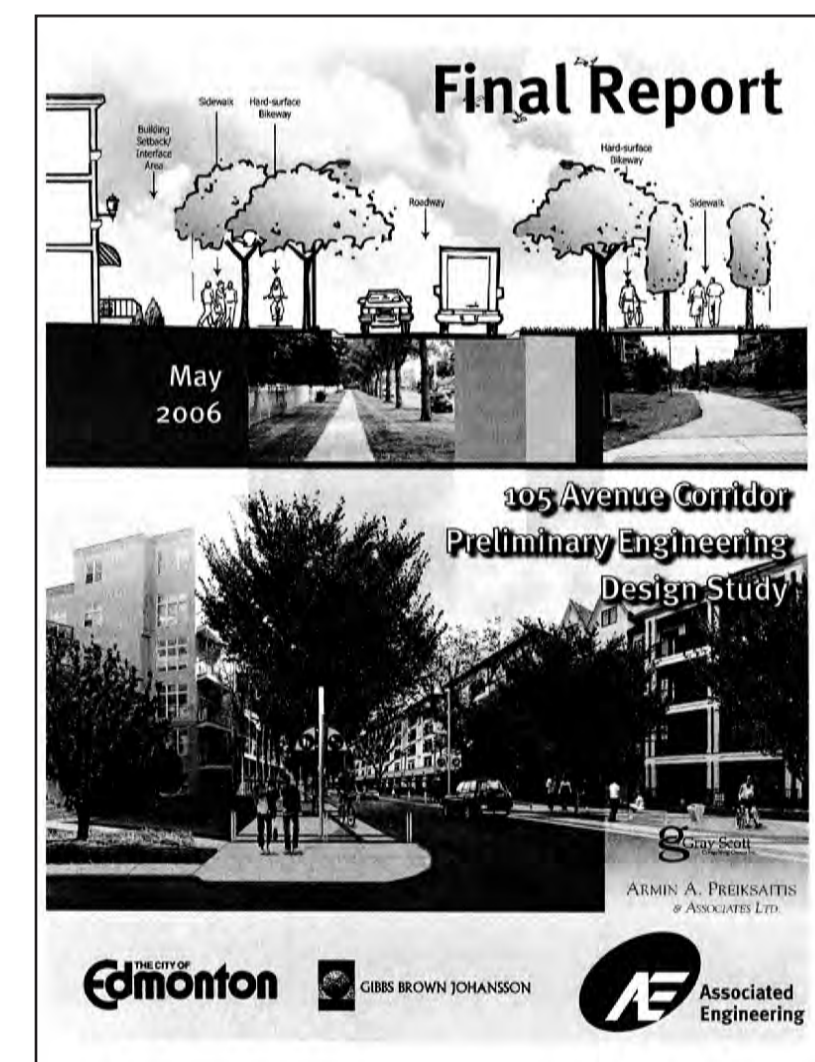
This is **not** a total redesign of the 2013 preliminary streetscape and open space design.

The project is being revisited to:

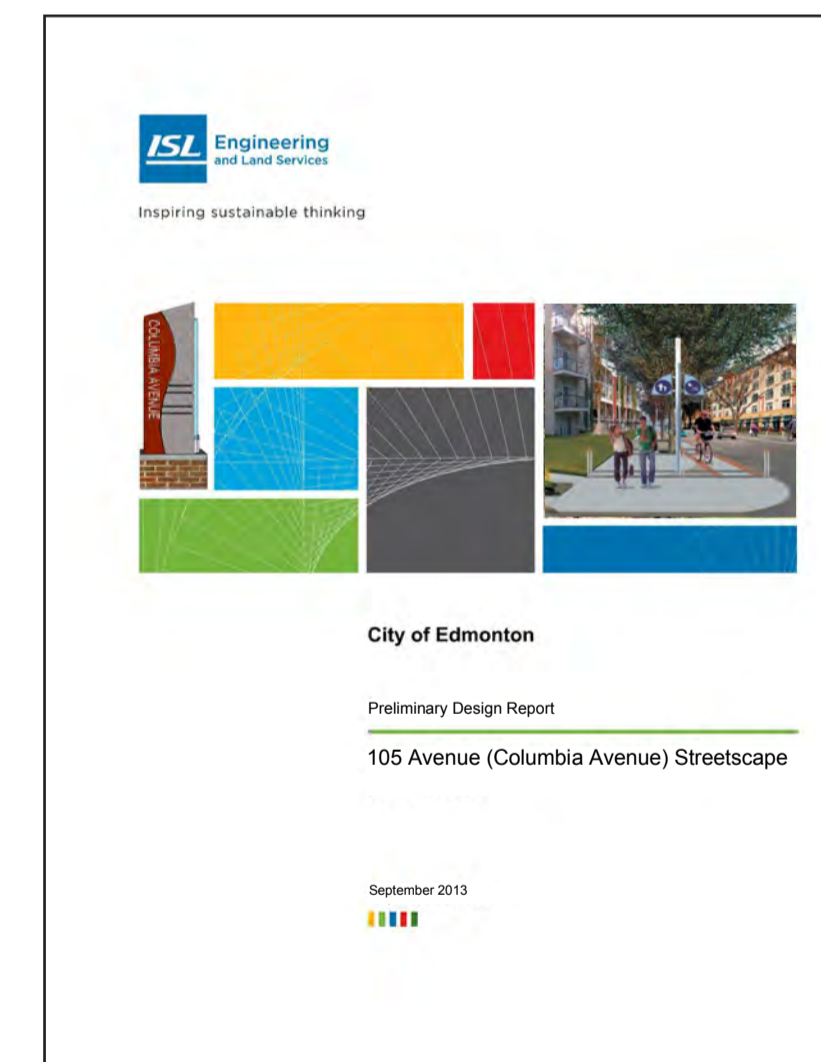
- Update the design to meet new Standards
- Provide protected (separated) bike lanes to meet the new City direction for the Bicycle Transportation Plan
- Improve drainage for existing and future users
- Prepare updated costs estimates to take to Council for construction funding. Note: Construction may be broken up into stages dependent on funding

Design Options

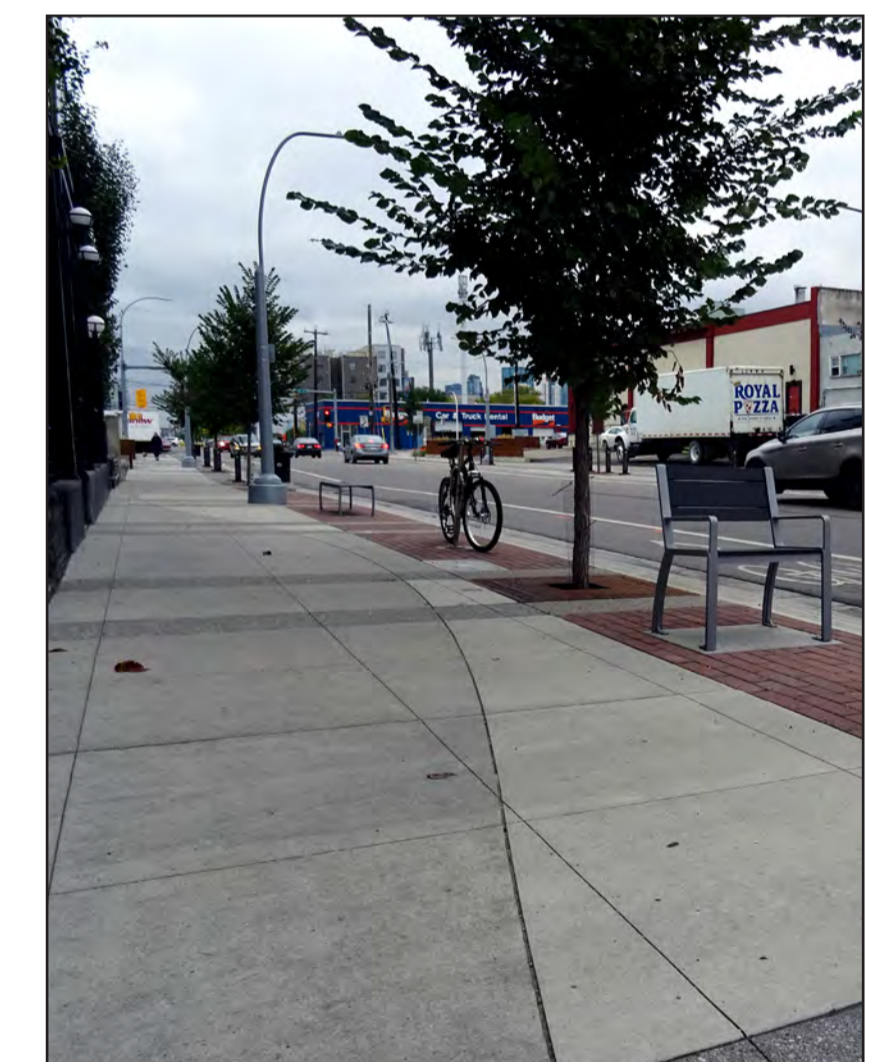
Options have been developed to show how the separated bike lanes could be placed along 105 Avenue. Each option shows how traffic could move along 105 Avenue and may provide some parking. Traffic movements on the north/south streets may also be affected.



2006
Preliminary Design Report



2013
Preliminary Design Report



2016
116 Street to 119 Street
Construction Complete



COLUMBIA Ave

105 Avenue Streetscape



97 Street looking north



97 Street looking north



98 Street looking east



100 Street looking east



Alley looking west



101 Street looking south



101 Street looking west



102 Street looking west



103 Street looking west



103 Street looking west



104 Street looking north



105 Street looking east



106 Street looking east



107 Street looking east



108 Street looking east



108 Street looking south



109 Street looking east



109 Street looking west



109 Street looking west



109 Street looking west



110 Street looking west



110 Street looking west



111 Street looking west



112 Street looking west



113 Street looking west



114 Street looking west



115 Street looking west



116 Street looking east

EXISTING CONDITIONS 116 Street to 97 Street

FOR DISCUSSION ONLY





119 Street looking east



117 Street looking east

Completed Streetscape

These finishes and furniture will be continued along the remainder of Columbia Avenue. Review the photos or check out the furniture just outside and let us know what you think.



Wayfinding



Bench



Seat



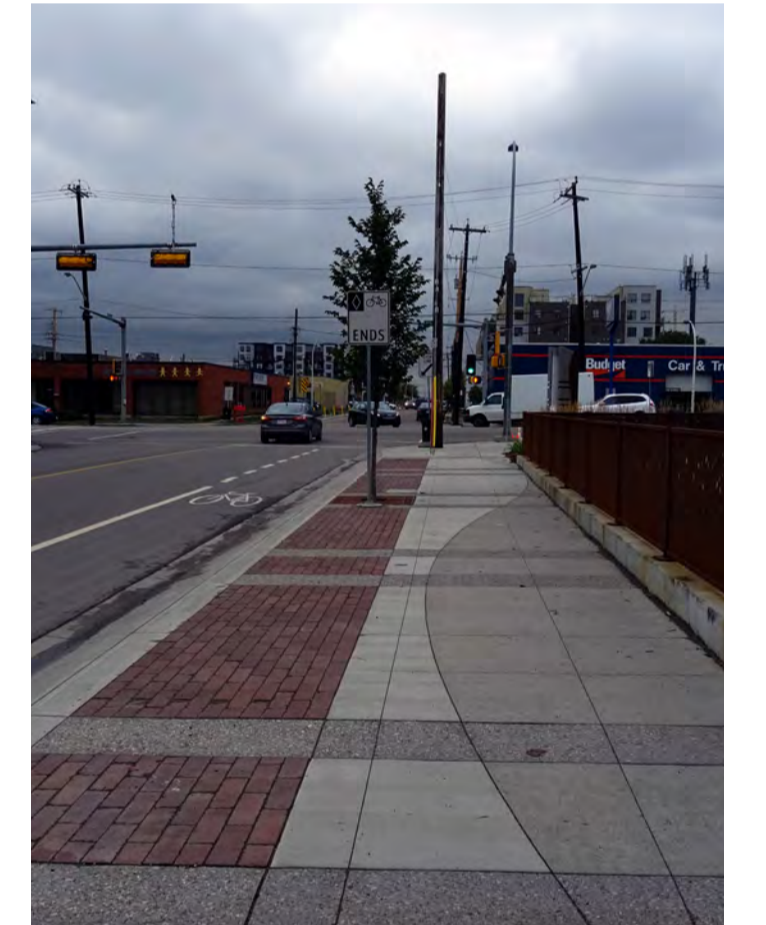
Bike rack



Bollard



Light



Pavement finish



COLUMBIA ave

105 Avenue Streetscape



Downtown Bike Network

Edmonton's new adaptable Downtown Bike Network offers over 7.8 km of protected bike lanes and shared-use paths providing a safe and accessible cycling network to be used year-round. The Downtown Bike Network also provides key connections to other cycling routes outside of downtown.

As a part of the Downtown Bike Network, a temporary bike lane was installed along 105 Avenue until permanent protected (separated) bike lanes would be installed with the 105 Avenue Streetscape design update.

Protected bike lanes require a physical barrier added to the street to separate the bike from other traffic.

FOR DISCUSSION ONLY



Unprotected one-way bike lane on road



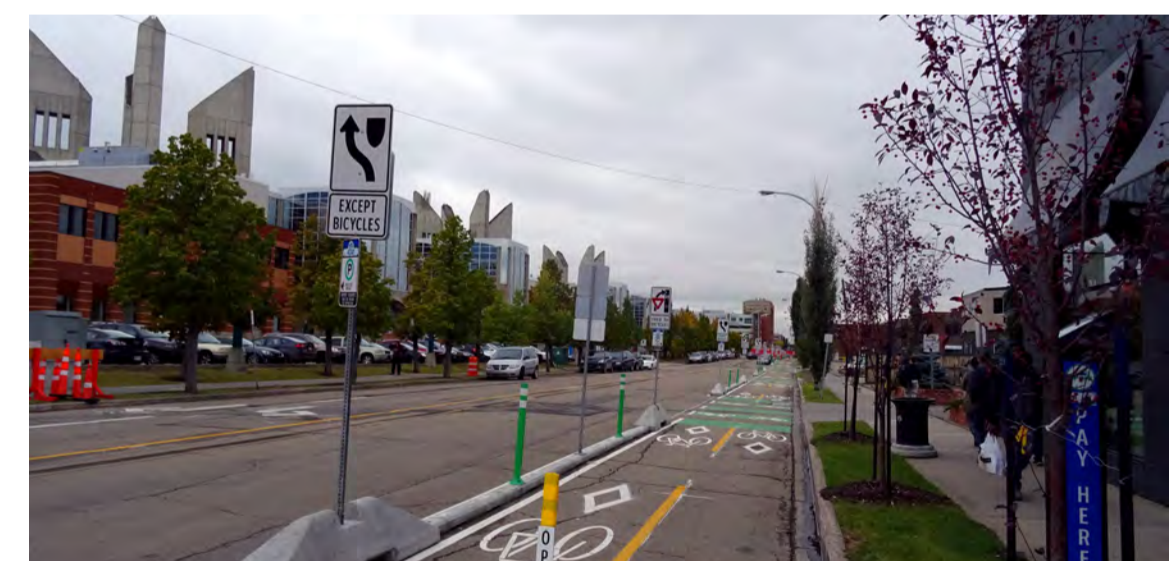
Protected two-way bike lane on road



Protected one-way bike lane off road



Protected one-way bike lane on road



105 Avenue protected two-way temporary bike lane

BIKE NETWORK AND TRAILS





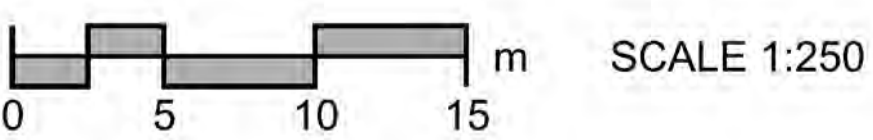
MAINTAIN EXISTING - ONE-WAY UNPROTECTED BIKE LANES - TWO-WAY VEHICLE TRAFFIC WITH PARKING WEST OF 117 STREET



OPTION A - ONE-WAY PROTECTED BIKE LANES - ONE-WAY VEHICLE LANE WITH PARKING WEST OF 117 STREET



OPTION B - TWO-WAY PROTECTED BIKE LANE - ONE-WAY VEHICLE LANE WITH PARKING LANE WEST OF 117 STREET



FOR DISCUSSION ONLY



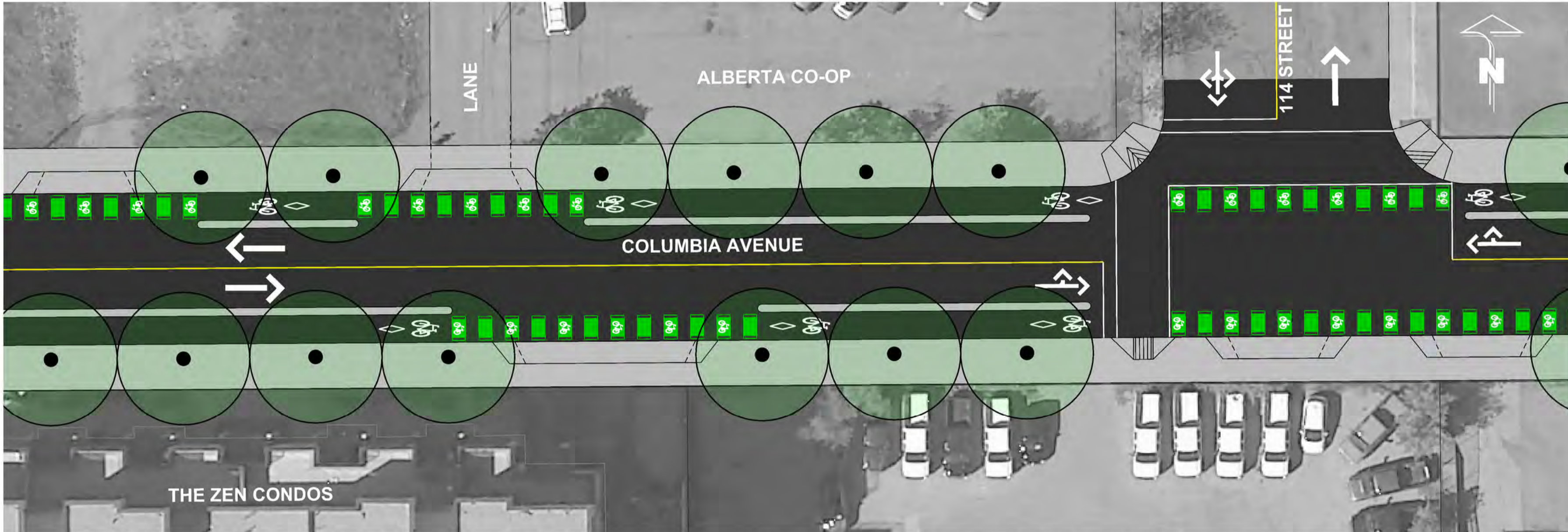
COLUMBIA ave

105 Avenue Streetscape

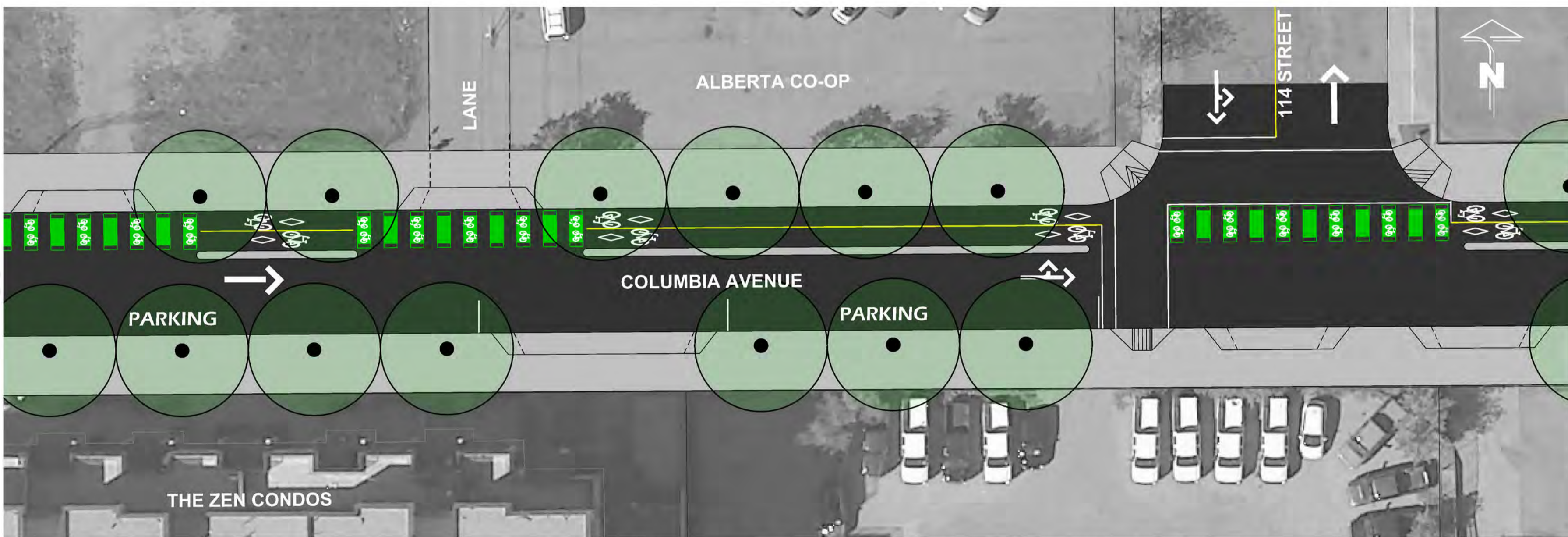


COLUMBIA ave

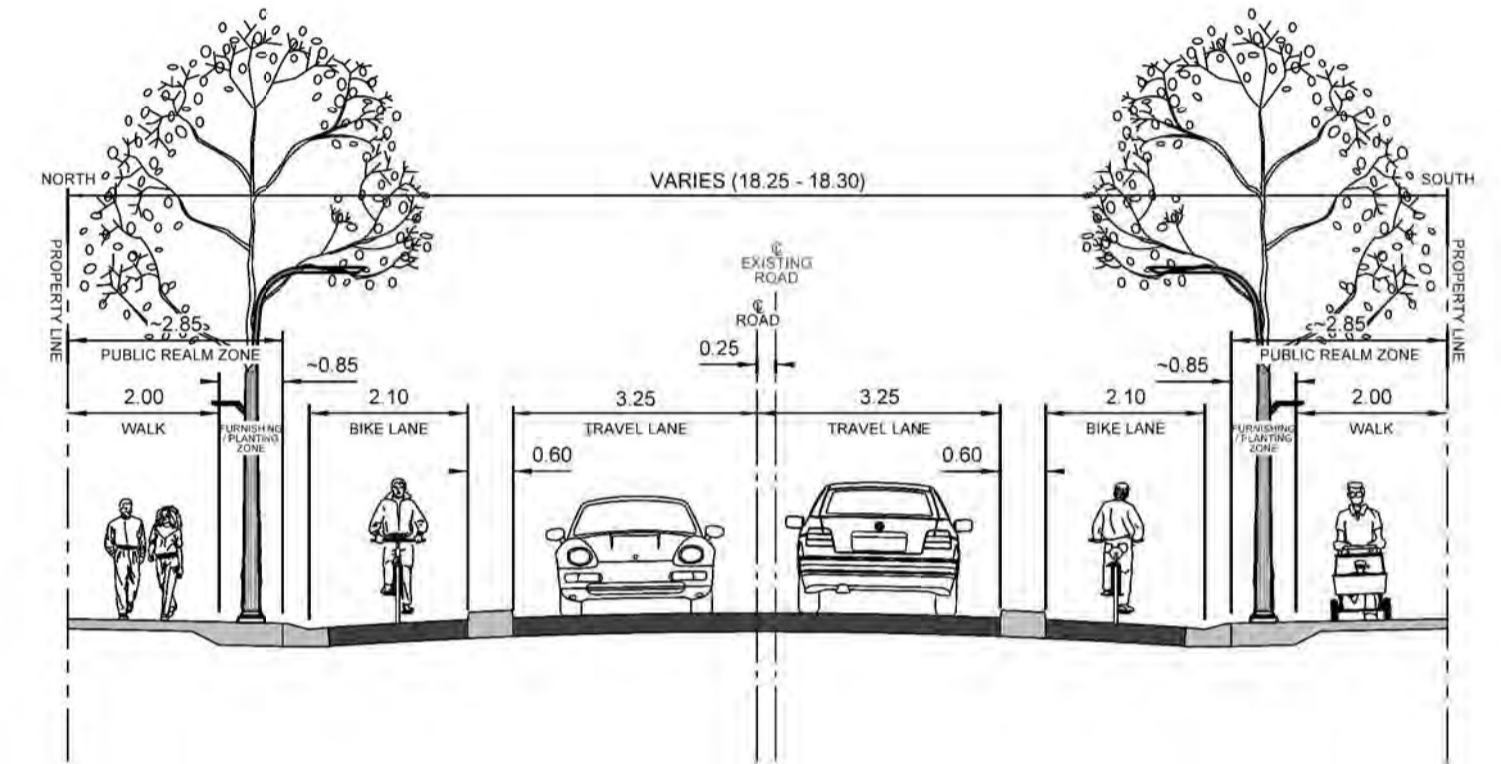
105 Avenue Streetscape



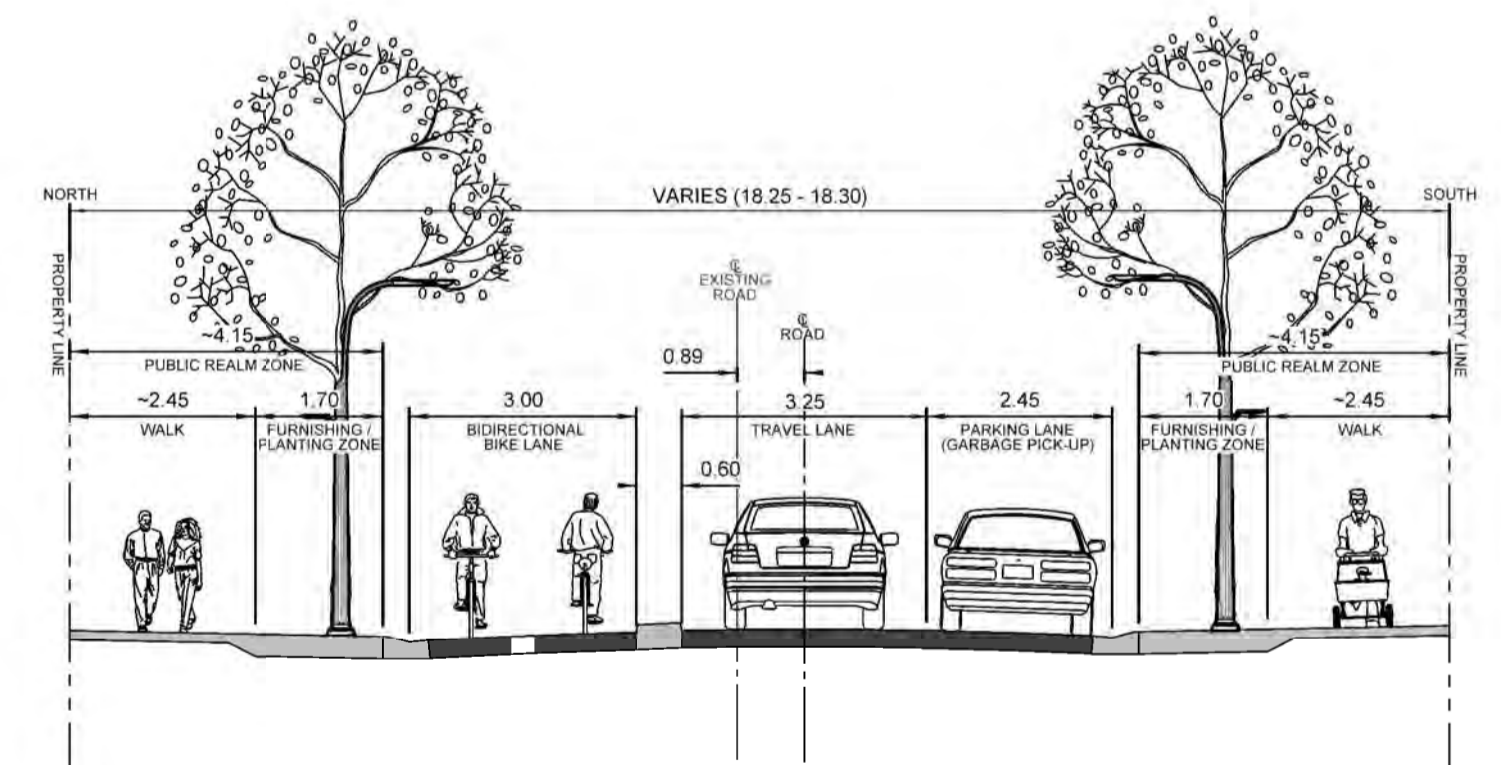
OPTION A - ONE-WAY PROTECTED BIKE LANES - TWO-WAY VEHICLE TRAFFIC



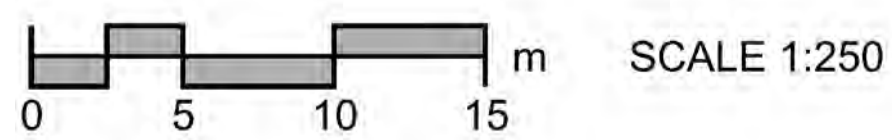
OPTION B - TWO-WAY PROTECTED BIKE LANE - ONE-WAY VEHICLE TRAFFIC WITH PARKING LANE



OPTION A - TYPICAL CROSS SECTION



OPTION B - TYPICAL CROSS SECTION



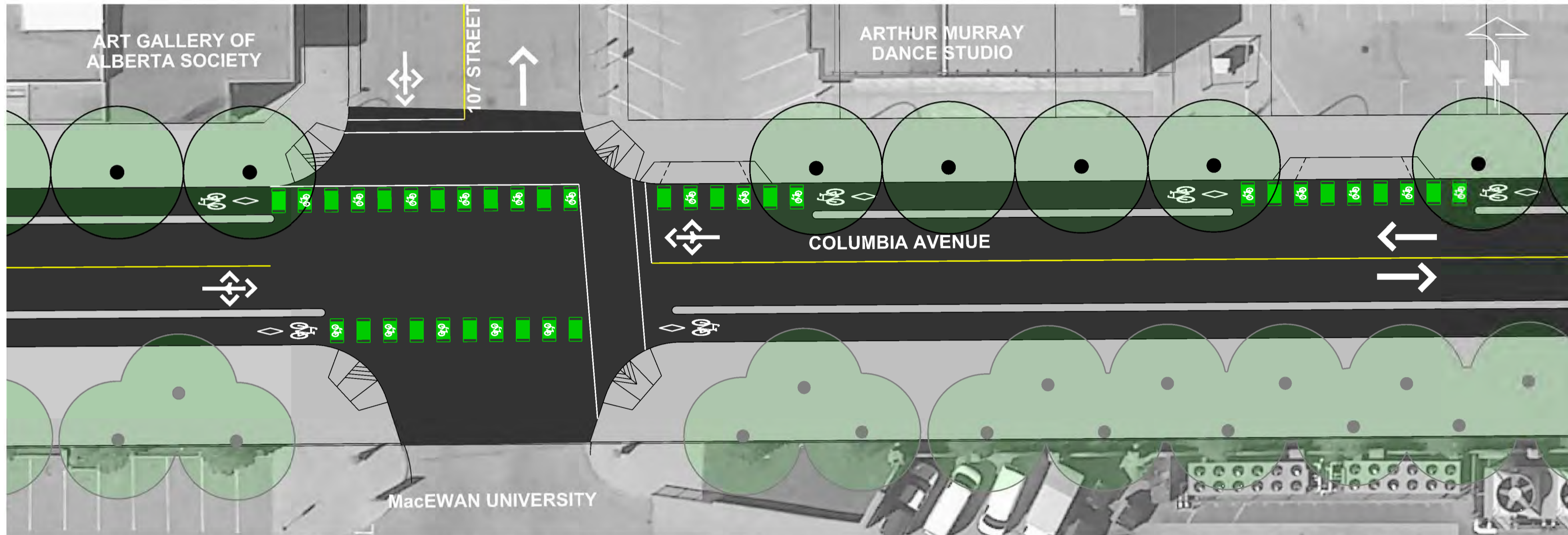
SCALE 1:250

FOR DISCUSSION ONLY

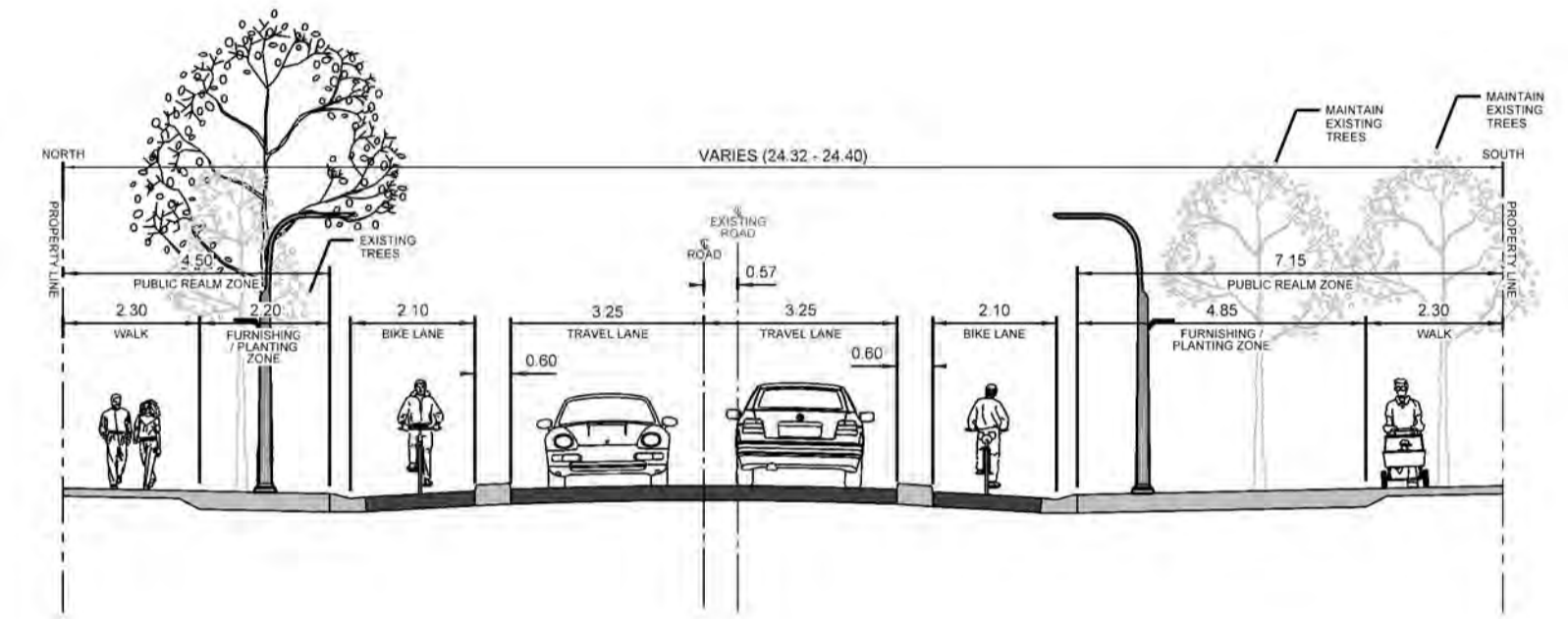


COLUMBIA ave

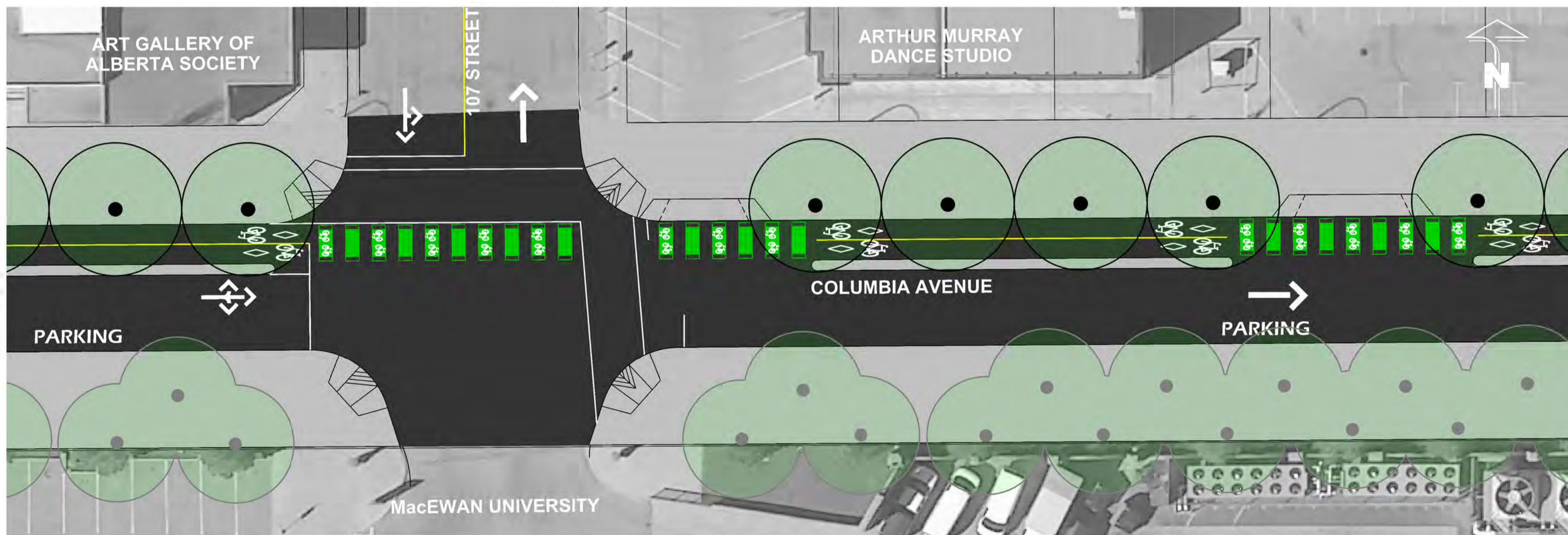
105 Avenue Streetscape



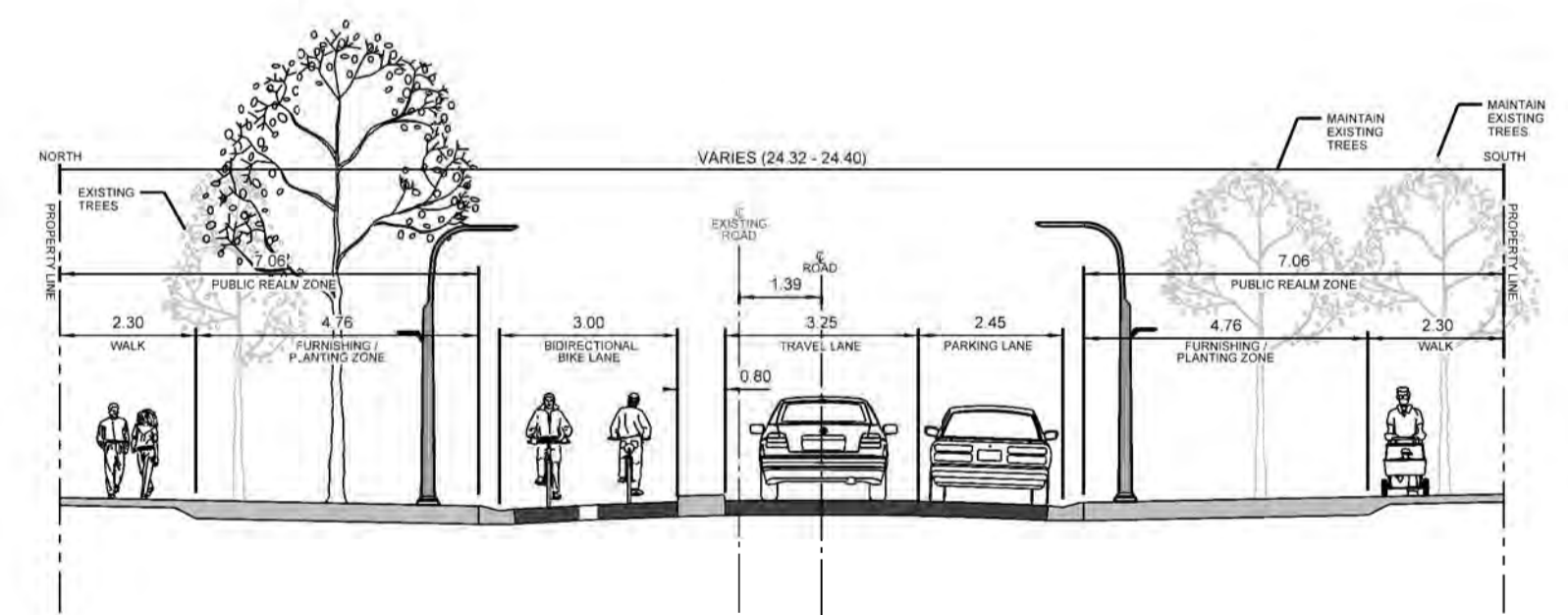
OPTION A - ONE-WAY PROTECTED BIKE LANES - TWO-WAY VEHICLE TRAFFIC



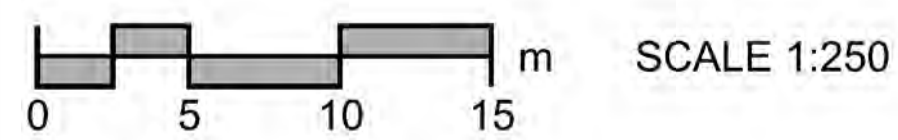
OPTION A - TYPICAL CROSS SECTION



OPTION B - TWO-WAY PROTECTED BIKE LANE - ONE-WAY VEHICLE TRAFFIC WITH PARKING LANE



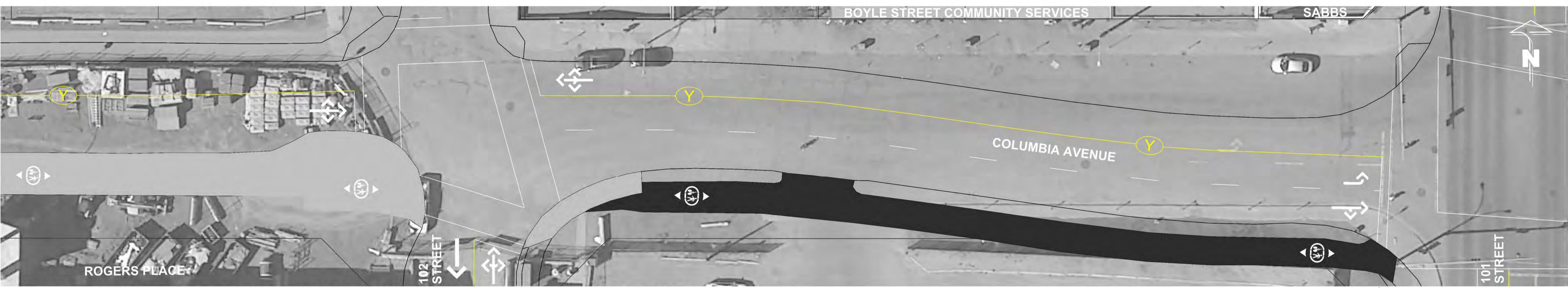
OPTION B - TYPICAL CROSS SECTION



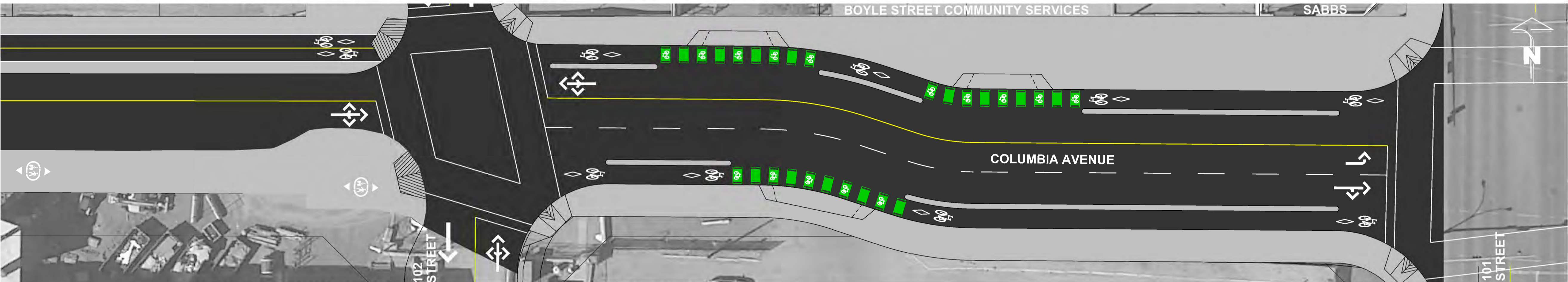
FOR DISCUSSION ONLY

CENTRAL McDougall 109 Street to 105 Street Options

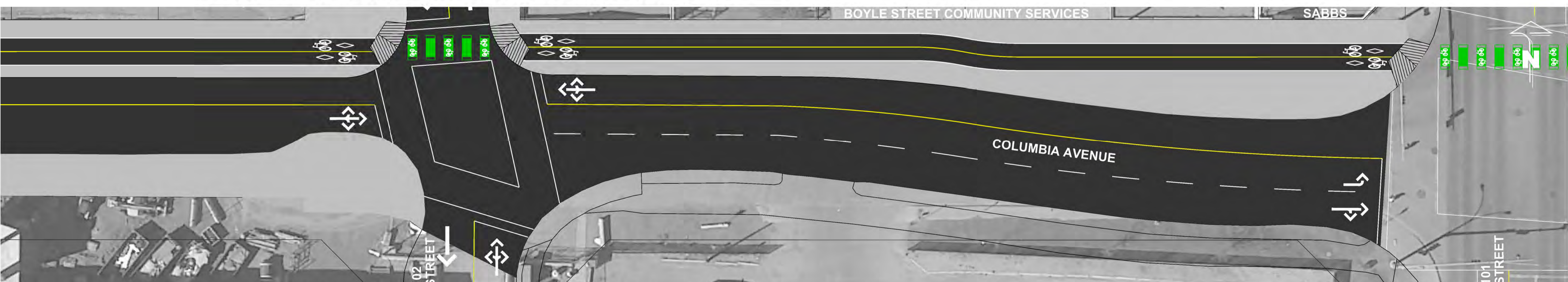




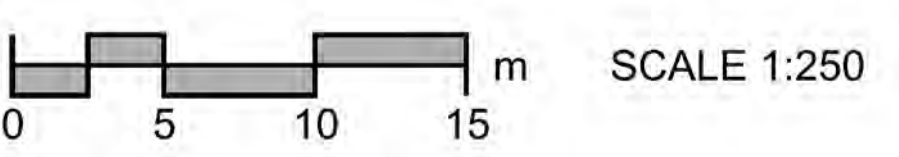
MAINTAIN EXISTING - SOUTH SHARED-USE PATH - TWO-WAY VEHICLE TRAFFIC



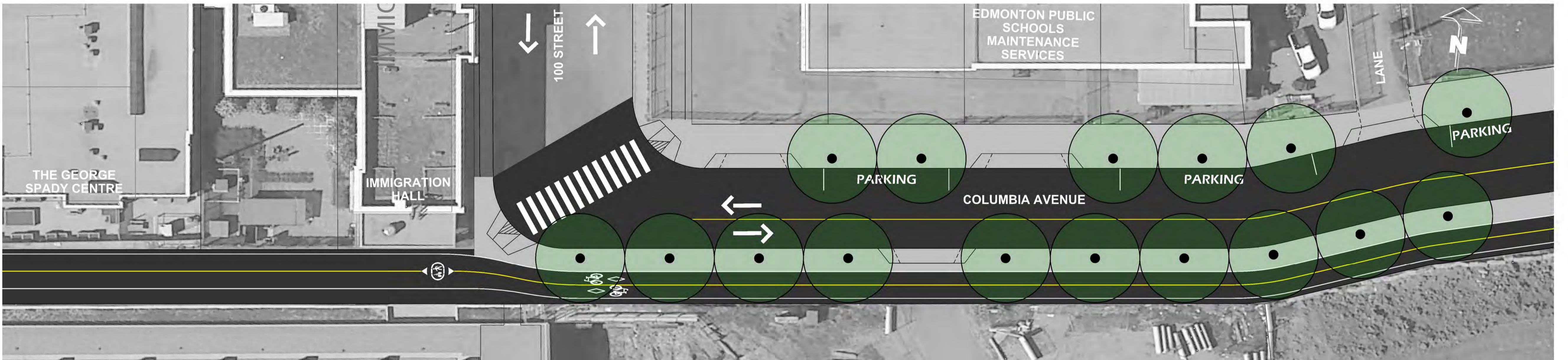
OPTION A - ONE-WAY PROTECTED BIKE LANES - TWO-WAY VEHICLE TRAFFIC



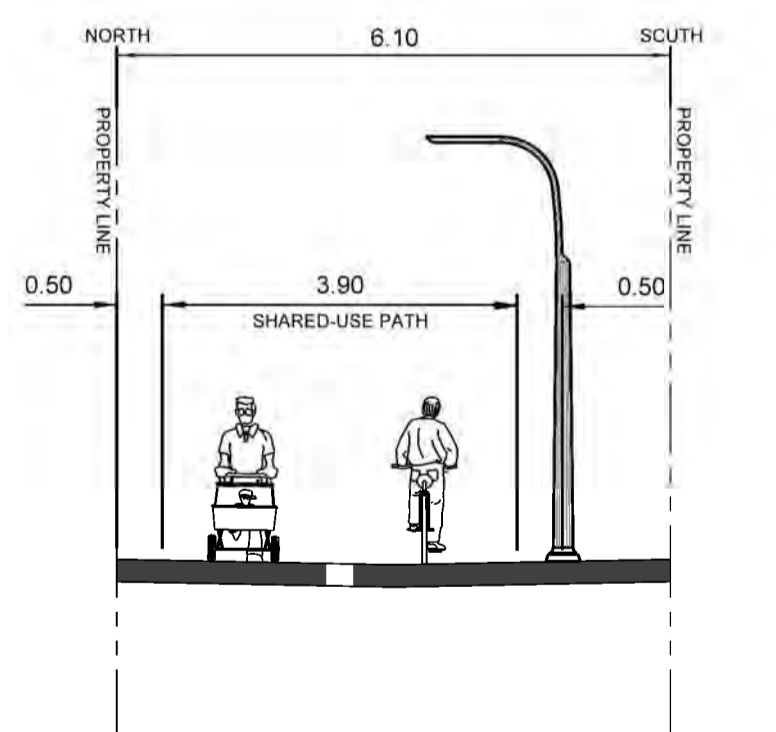
OPTION B - NORTH SHARED-USE PATH - TWO-WAY VEHICLE TRAFFIC



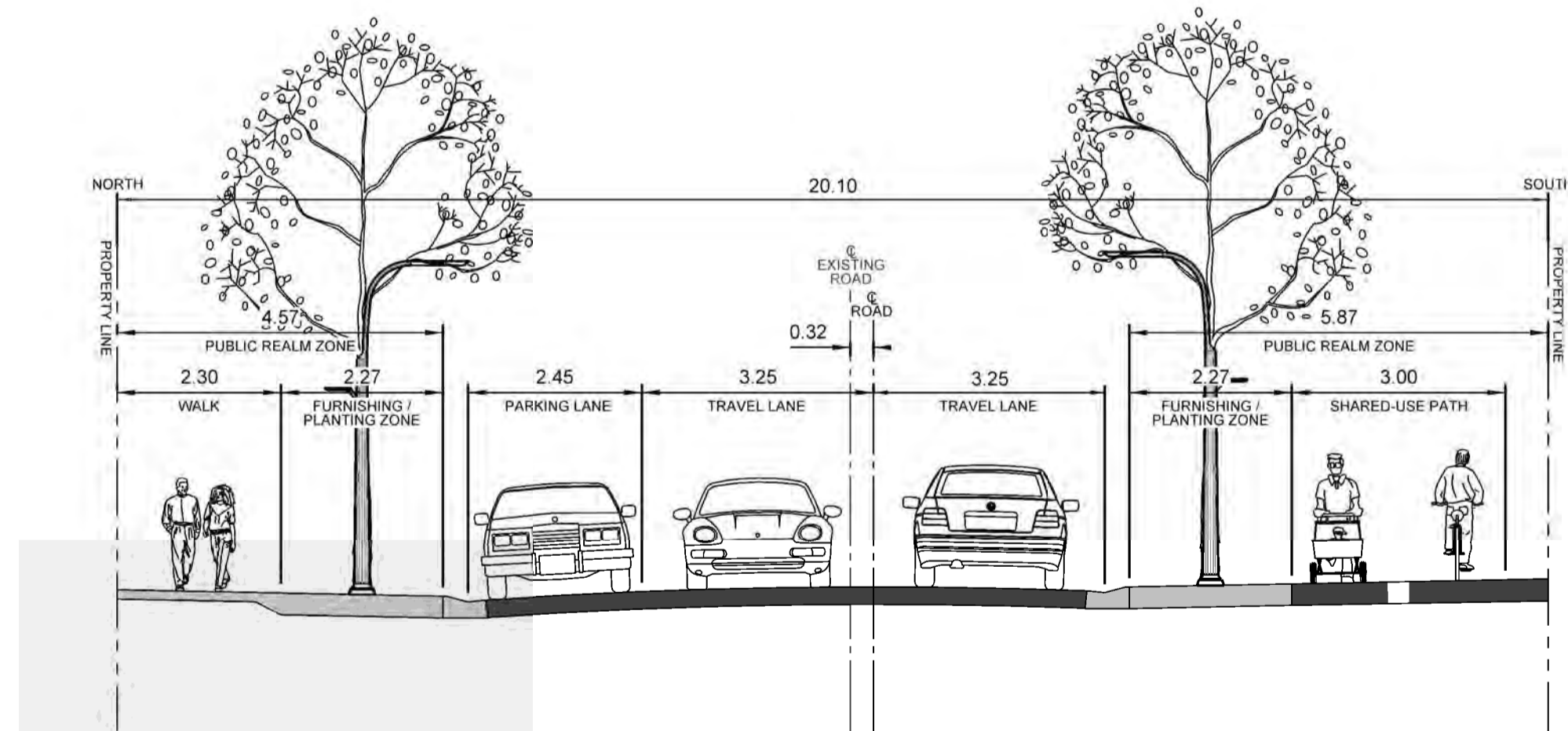
FOR DISCUSSION ONLY



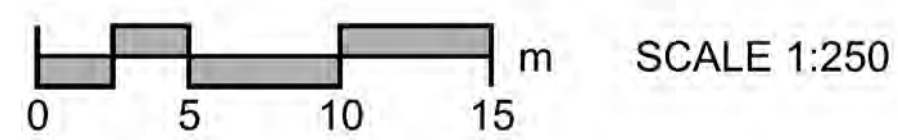
OPTION A & B - SHARED-USE PATH - TWO-WAY VEHICLE TRAFFIC WITH PARKING LANE



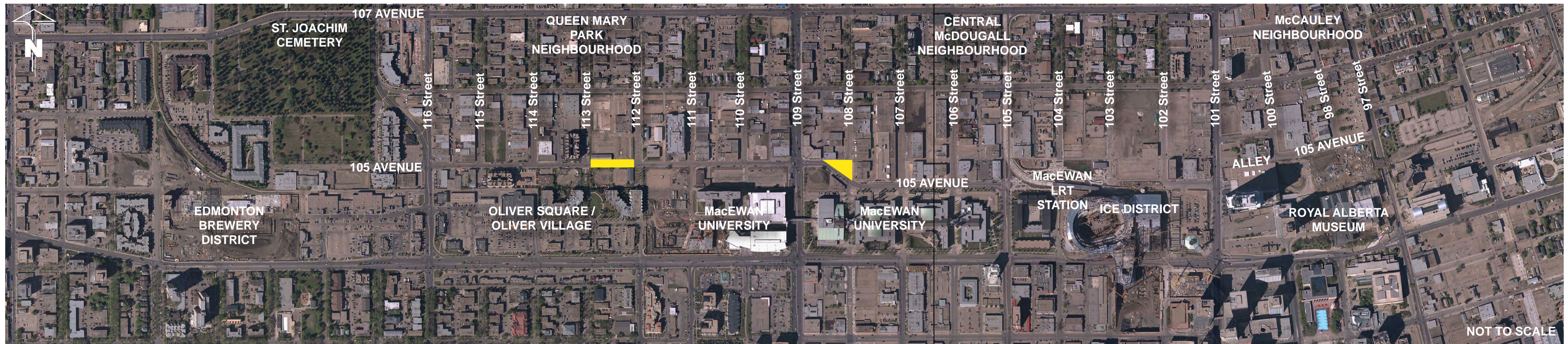
OPTION A & B - TYPICAL CROSS SECTION



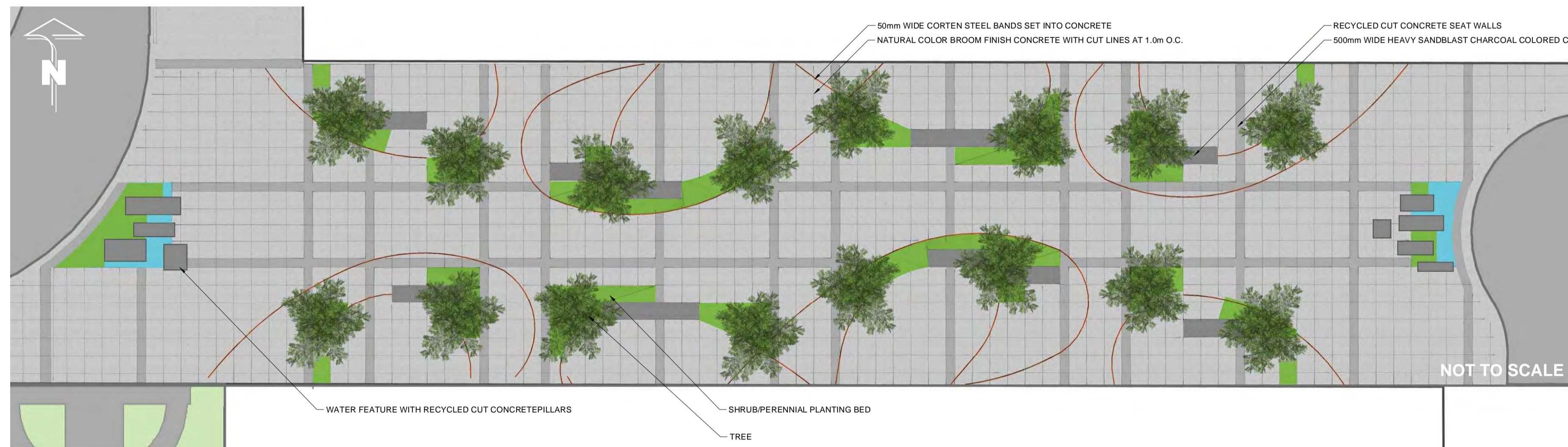
OPTION A + B - TYPICAL CROSS SECTION



FOR DISCUSSION ONLY



Open space



112 Street to 113 Street Open Space Concept

(source: 2013 Preliminary Design Report)

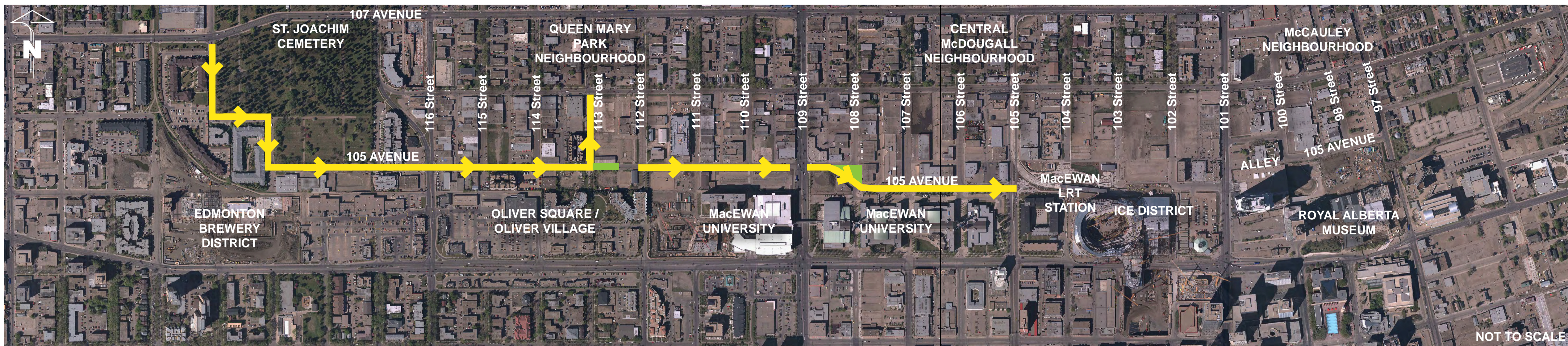
A road closure on 105 Avenue between 112 Street and 113 Street will provide a open space for community gatherings and connects to the Rail Yard park. Cyclists and emergency vehicles will have access through this space. This plan shows the 2013 preliminary design.



108 Street Open Space Concept

(source: 2006 Preliminary Engineering Design Study)

A road closure on 108 Street will provide a green gathering place for the community while still providing access to adjacent businesses. This plan shows the 2006 preliminary design.



Traffic movement for one-way travel lane option

- ➔ One-way traffic
- Open space



Parking for one-way travel lane option

Areas that could possibly have parking on one side of the Avenue

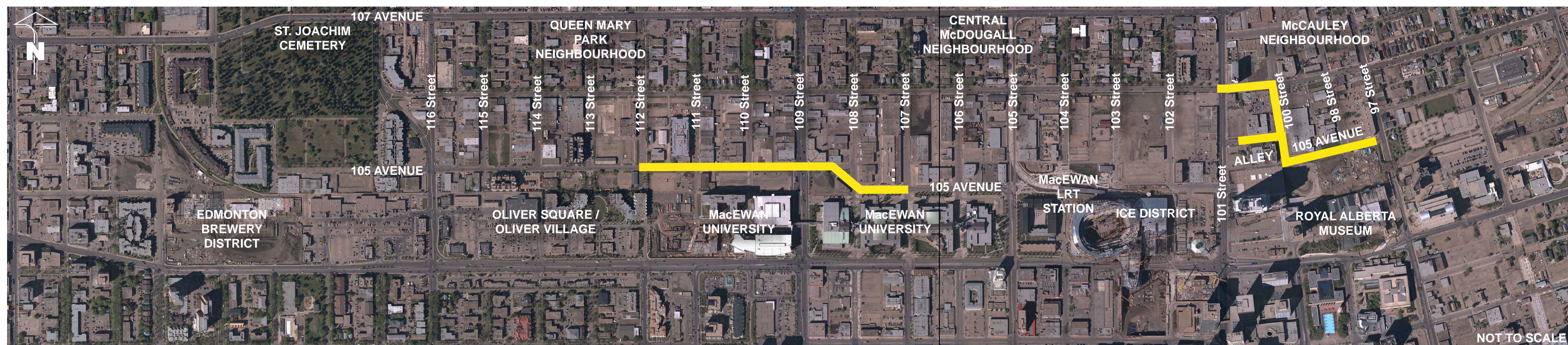




Power and Communications

Overhead lines

All overhead lines within the 105 Avenue corridor will be placed underground before the streetscape improvements begin. Burying overhead lines may require landowners currently serviced from these overhead lines to pay a portion of the costs and may require placement of power/telecom equipment on those properties.



Proposed stormwater sewer

Drainage

Proposed drainage improvements within the 105 Avenue corridor will be installed by EPCOR before the streetscape improvements begin. These improvements will provide separate sanitary and storm water systems along portions of 105 Avenue.



NEXT STEPS

Please chat with our team to get more details on the proposed options.

Let us know your concerns and comments. Write them on sticky notes and place on the boards or large maps.

Fill in our comment form at this meeting or go to the project webpage and fill in the comment form there: www.edmonton.ca/105avenuestreetscape

We will bring back the recommended plan in spring 2018. Watch the webpage for more information.

The project will be taken to Council in fall 2018 for funding consideration.

Dependent on approved funding, construction is anticipated to start in 2020. Construction may be staged.

'Have a seat and let us know
what you think in Iconoclast'

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'Stop for a while and check
out the design options inside
Iconoclast'

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'Join us in Iconoclast to see
the 105 Avenue streetscape
plans'

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'Keep your eyes on the ground
to see sidewalk finishes for
the 105 Avenue streetscape'

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'Light enough for you? –
let us know at Iconoclast'

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