



Welcome to the 105 Avenue (Columbia Avenue) Streetscape Public Meeting #2

October 30, 2018, 5 to 8 p.m.

What is this meeting for?

- + Share the recommended updated design for 105 Avenue and alternatives that were considered
- + To have your questions answered by the project team

Learn more about this project at: edmonton.ca/105AvenueStreetscape

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Project Intent

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

Design considerations looked at accommodating the ultimate vision for the future while meeting the needs of today. Redevelopment will trigger further changes to the streetscape to better meet the vision.

Updates to the 2013 preliminary design were required to:

- + Apply the new City of Edmonton Complete Streets Design and Construction Standards
- + Implement protected (separated) bike lanes to provide accessible and all-ages cycling infrastructure
- + Remedy drainage issues
- + Provide on-street waste management loading zones for residential developments waste pickup south of 105 Avenue from 112 to 115 Street
- + Prepare updated costs estimates to take to Council in late 2018 for funding considerations



2006 Preliminary Design Report



2013 Preliminary Design Report



2016, 116 to 119 Street Construction



2018 Complete Streets Design and Construction Standards



Preliminary design Construction complete

Learn more about this project at: edmonton.ca/105AvenueStreetscape



Streetscape Finishes and Furniture

The finishes and furniture currently between 116 and 119 Street will extend to the remainder of 105 Avenue. Changes include:

- + Benches will have backs and armrests
- + Tree grates and bollards will be galvanized and coated rather than rust finished
- + Streetlights will have standard bases



Wayfinding



Bench (Current)



Bench (Proposed)



Bike Rack



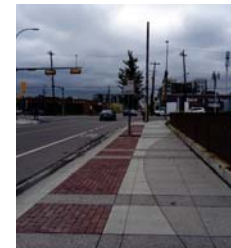
Bollard/Tree Grate



Lighting



Trash Receptacle



Pavement Finish

Learn more about this project at: edmonton.ca/105AvenueStreetscape

Bike Network and Trails



Protected one-way bike lane on road



Unprotected one-way bike lane on road



Bike paths (with adjacent sidewalk)

Edmonton's new 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 part of the Downtown Bike Network, a temporary shared-use path (for pedestrians and cyclists) was installed along 105 Avenue until permanent bike lanes, bike paths and sidewalks are installed with the 105 Avenue Streetscape.

Protected bike lanes require a physical barrier added to the street to separate the bikes from motor vehicle traffic and pedestrian zones.

Learn more about this project at: edmonton.ca/105AvenueStreetscape

What We Heard

Public Meeting #1

On February 13, 2018, the City hosted Public Meeting #1 to obtain comments on two 105 Avenue road right-of-way options with separated bike lanes. The following is a summary of "What We Heard" on these options and other design elements, as well as "What We Did" for the recommended plan.

Protected bike lanes:

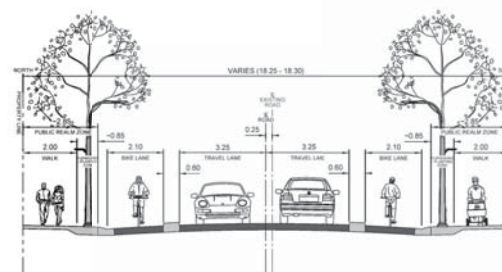
What We Heard:

- + Separate areas for cyclists, pedestrians and motorists were preferred
- + Reduce confusion and conflicts between pedestrians and cyclists
- + Minimize use of shared-use paths

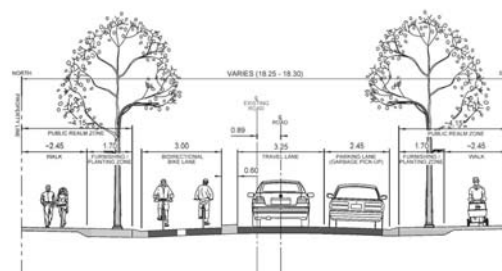
What We Did:

- + Shared-use path provided between 97 and 101 Street
- + Retention of existing shared-use path through the Metro LRT MacEwan Station and between 101 and 103 Street
- + Separated, protected bike lanes provided between 105 and 116 Street, with dedicated pedestrian sidewalks
- + The new separated bike lanes east of 116 Street will directly connect with the existing bike lanes west of 116 Street

Learn more about this project at: edmonton.ca/105AvenueStreetscape



Open House #1 one-way protected bike lane option



Open House #1 two-way protected bike lane option

Vehicle traffic flow:

What We Heard:

- + Two-way vehicle traffic was preferred over one way traffic
- + Traffic flow was considered more important than the location of bike lanes

What We Did:

- + Two-way traffic will be retained along the entire corridor
- + Proposed alley closure from 101 Street to alley east of 101 Street, north of EPCOR tower

What We Heard

Public Meeting #1

Parking:

What We Heard:

- + Some businesses and residents supported parking along 105 Avenue
- + Others supported none, or limited, parking

What We Did:

- + On-street parking on north side between 97 and 100 Street
- + Interim, intermittent on-street parking on the south side between 109 and 112 Street
- + Waste management lay-by bays also used as loading zones between 112 and 115 Street
- + No other on-street parking on 105 Avenue

For a full summary of the **What We Heard** report from Public Meeting #1, please go to: edmonton.ca/105AvenueStreetscape

Open Spaces:

What We Heard:

- + Balanced support for and against both open spaces (108 Street and between 112 and 113 Street)
- + Residents want additional open space in the neighbourhoods
- + Comments that inappropriate behaviour could occur in the open spaces
- + Comments about vehicle flow and business access
- + Comments about how cyclists would move through open spaces

What We Did:

- + Open space at 108 Street removed to align with the MacEwan University Master Plan
- + Open space between 112 and 113 Street retained

Learn more about this project at: edmonton.ca/105AvenueStreetscape

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What We Heard

Public Meeting #1

For a full summary of the **What We Heard** report from Public Meeting #1, please go to: edmonton.ca/105AvenueStreetscape

Street Furniture:

What We Heard:

- + Support for existing street furniture along 105 Avenue, between 116 and 119 Street
- + Suggestions for placement and upgrades
- + Maintenance is considered an issue

What We Did:

- + Similar materials and treatments as existing streetscape will be used
- + Planting zones and landscaping are being incorporated
- + Benches will be modified to add backs and armrests, placement considered

Wayfinding:

What We Heard:

- + Signage supported with suggestions for upgrades
- + Include mapping that showed connections to downtown and other pedestrian and bike routes
- + Too much signage has been used on the temporary shared-use path

What We Did:

- + Wayfinding will be refined as part of detailed design
- + Signage will meet minimum City, Provincial, and Federal Regulations

Learn more about this project at: edmonton.ca/105AvenueStreetscape

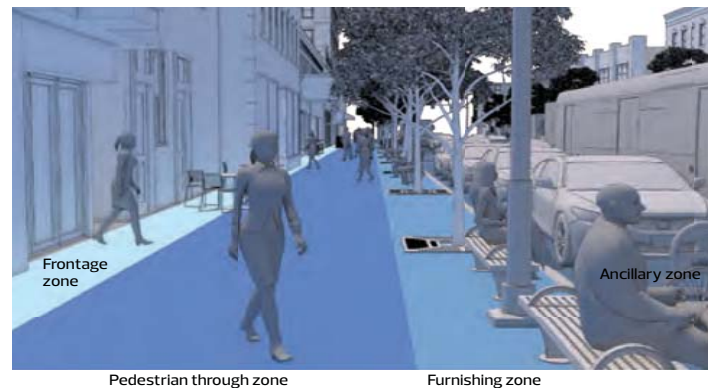
What Has Been Decided

The 105 Avenue road right-of-way varies in width from 18 to 24 m. In order to meet the City of Edmonton Complete Streets Design and Construction Standards, the following elements are included in the design:

- + Two-way motor vehicle traffic
- + Separate, protected bike lanes (105 to 116 Street) and shared-use path (97 to 105 Street)
- + Sidewalks and planting zones
- + Permanent on-street parking (97 to 100 Street) and interim on-street parking (109 to 112 Street)
- + On-street waste management areas (113 to 115 Street)
- + Open space between 112 and 113 Street
- + Concrete pavement finish and configurations

See roll maps for detailed plans

Learn more about this project at: edmonton.ca/105AvenueStreetscape



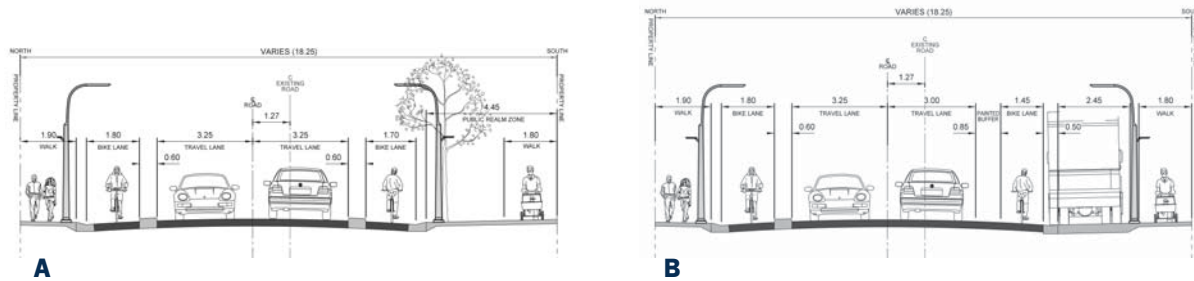
Streetscape Zones

113 to 116 Street



See roll maps for detailed plans

- PROPOSED TREE
- EXISTING TREE
- BENCH
- TRASH RECEPTACLE
- BOLLARD
- CONCRETE FINISH
- PLANTING BED
- BIKE LANE BARRIER
- FENCE
- INTERIM LOADING ZONE / WASTE MANAGEMENT LAY-BY
- EXISTING BIKE NETWORK



This section of 105 Avenue will provide lay-bys for waste management on the south side of the road between 112 and 115 Street to collect waste from current and future residential developments.

Loading zones between 113 and 115 Street will be available outside of the waste management operating hours (7 a.m. to 10 p.m.) and in areas not yet required for waste management servicing.

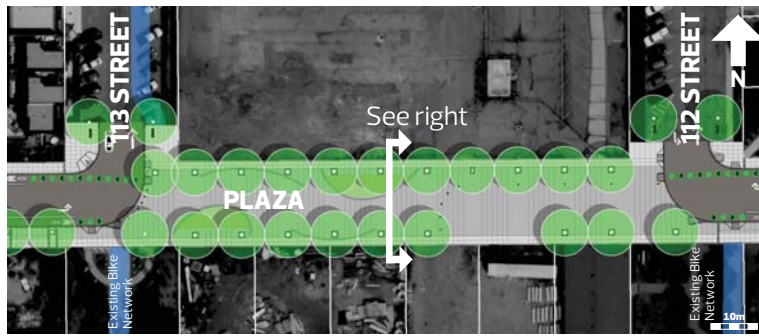
105 Avenue (Columbia Avenue)



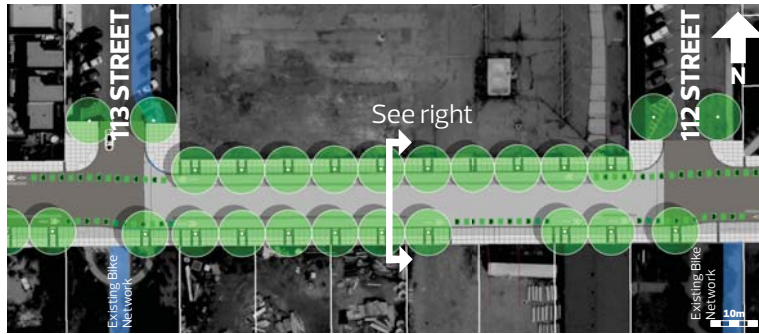
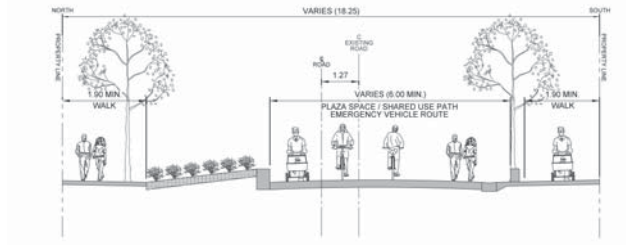
112 to 113 Street Open Space

Plaza design subject to future stakeholder engagement

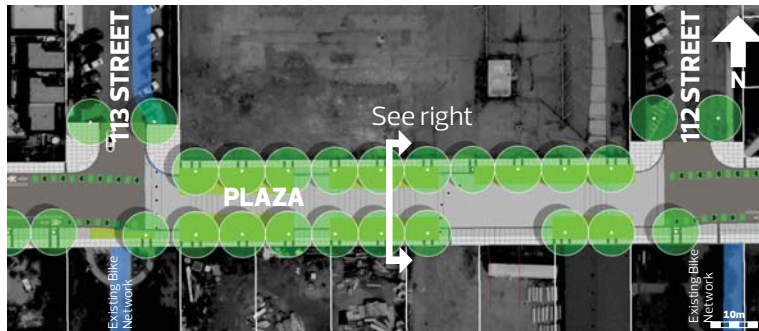
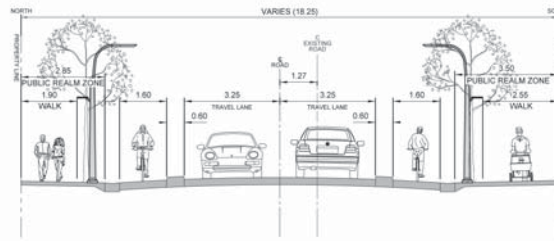
105 Avenue (Columbia Avenue)



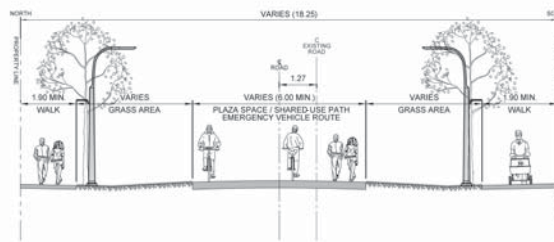
Recommended plan – plaza



Option considered – road (no plaza)



Option considered – future plaza (with area redevelopment)



See roll maps for detailed plans

112 to 113 Street Open Space

Several options were considered in the development of this open space within the road right-of-way. Each option was assessed to meet the current and future vision for 105 Avenue as well as comments provided through previous engagement.

Comments included:

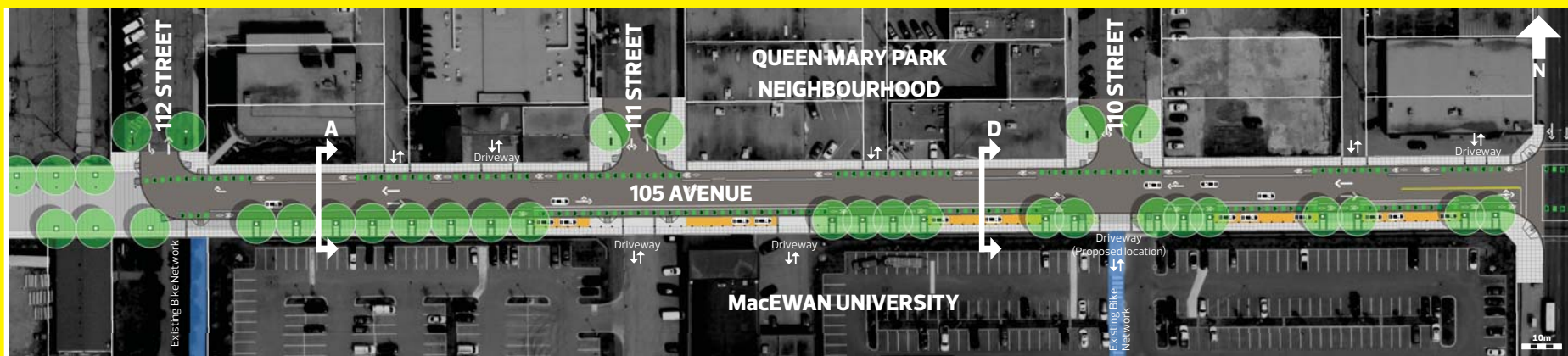
- + Blocked traffic flow
- + Reduced connectivity
- + Impact on existing businesses
- + The need for additional community open space

The recommended plan will:

- + Provide a plaza for community gatherings and a connection to the Rail Yard Park
- + Provide open space south of 107 Avenue
- + Encourage slower traffic on 105 Avenue, making it more pedestrian friendly
- + Provide access through the space for cyclists and emergency vehicles
- + Be raised to separate it from adjacent roads
- + Be finalized with further stakeholder engagement during detailed design

Learn more about this project at: edmonton.ca/105AvenueStreetscape

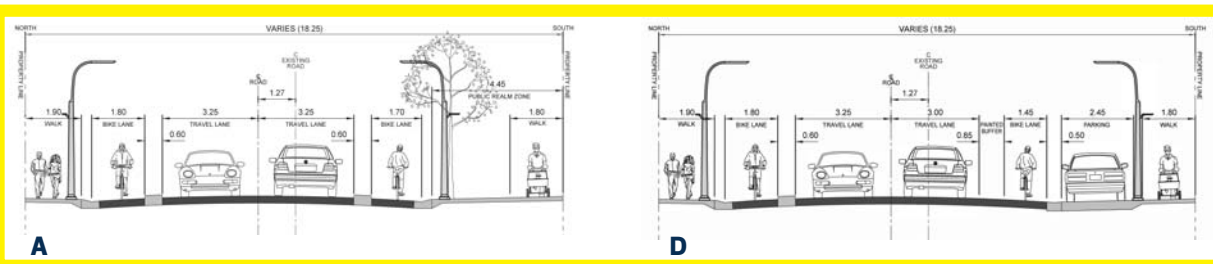
109 to 112 Street – Recommended and Future Plan



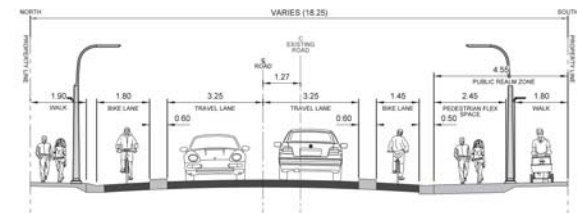
Recommended plan – intermittent, interim parking



Recommended future plan – parking removed with area redevelopment



See roll maps for detailed plans



Future (with area redevelopment)

105 Avenue (Columbia Avenue)

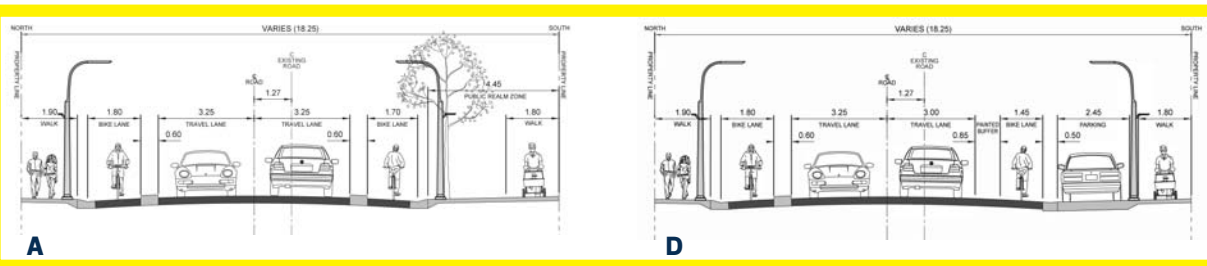
109 to 112 Street



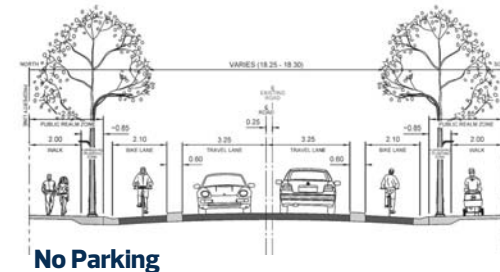
Recommended plan – intermittent, interim parking



Option considered – no parking



See roll maps for detailed plans



No Parking

109 to 112 Street

Several options were considered in the development of the road right-of-way between 109 and 112 Street. Each option was assessed to meet the current and future vision for 105 Avenue as well as comments provided through previous engagement.

Comments included:

- + Parking is not restricted in the Area Redevelopment Plan
- + Future ability to convert interim parking to public realm space
- + Impact on existing adjacent businesses due to lack of on-street parking

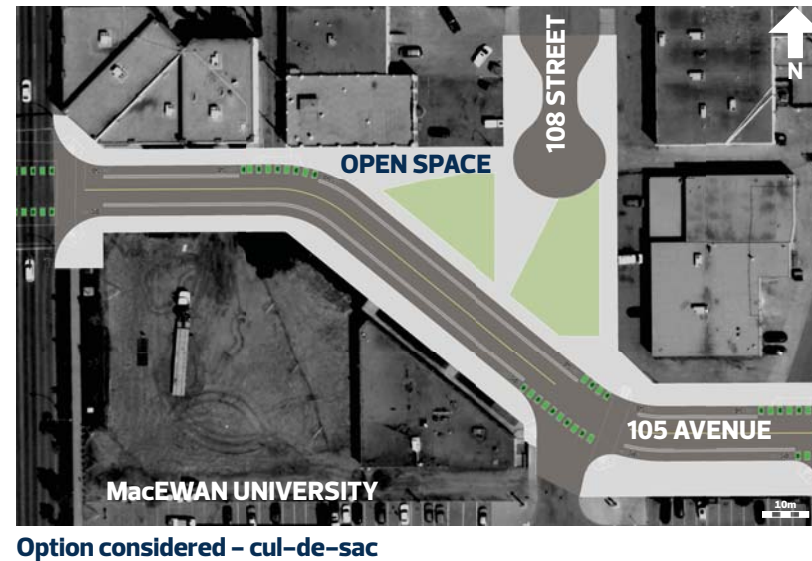
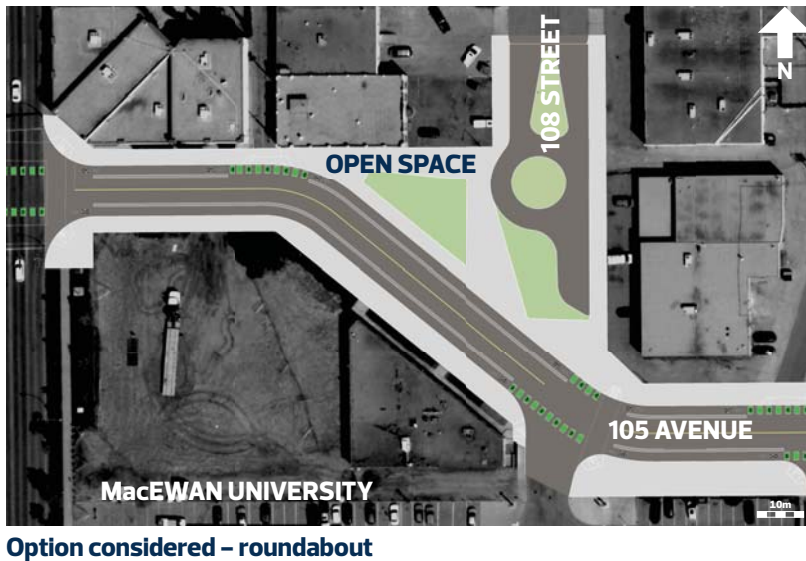
The recommended plan:

- + Provides interim intermittent parking stalls that may be used as a flex space for events and other activities (patios, parklets, bike corrals, etc.) as required until redevelopment of the adjacent lots occurs. City permits will be required for temporary uses
- + Once redevelopment occurs, the interim parking will be removed. This will:
 - + Create a protected bike lane to match 105 Avenue to the west
 - + Allow for the parking bollards to be removed from parking stalls and the space to be changed to a pedestrian zone

Learn more about this project at: edmonton.ca/105AvenueStreetscape

The Edmonton logo, featuring the word "Edmonton" in white text on a blue background. The background of the entire page is a photograph of a person riding a bicycle, with the front wheel and handlebars visible on the right side.

108 Street Open Space



105 Avenue (Columbia Avenue)

108 Street Open Space

Several options were considered for an open space at 108 Street. Comments provided through previous engagement included:

- + Removal of the vehicle connection to 108 Street from 105 Avenue
- + Impacts to existing businesses
- + Need for additional community open space

The recommended plan was developed after discussion with MacEwan University:

- + MacEwan University developed their University Campus Master Plan while the 105 Avenue redesign was being developed
- + The City is currently in discussions with MacEwan about the purchase of City road right-of-way to allow for the development of a new campus building that requires a portion of the existing road and a new alignment for 105 Avenue. This would remove the previously proposed open space

Learn more about this project at: edmonton.ca/105AvenueStreetscape

The Edmonton logo, featuring the word "Edmonton" in white text on a dark blue rectangular background.

Drainage and Utilities Improvements



Power and Communications

Overhead lines

All overhead lines will be placed underground before the streetscape improvements begin. Property owners with overhead electrical and communications services along 105 Avenue will be impacted by changing to underground. Property owners may need to make changes on their property to connect to the new services.

The cost to bury power and telecom within the right-of-way is a City cost. Landowners may need to hire an electrician and connect to the new electrical services brought to the property line by EPCOR and telecommunication supplier. The full impacts of this will be determined as part of the detailed design.



Drainage

Proposed stormwater sewer

Drainage improvements will be installed by EPCOR before the streetscape improvements begin. These improvements will provide separate sanitary and stormwater systems along portions of 105 Avenue.



Next Steps

Please chat with our team to get more details on the recommended plan.

Fill in our hard copy comment form at this meeting.

The recommended design will be presented for information to Urban Planning Committee on November 13, 2018 with recommendations as shown on these boards and roll plan. The public can register to speak at this meeting.

Dependent on approved funding, construction of the next phase, 109 to 116 Street, could start as early as 2020. This section of 105 Avenue is anticipated to take 2 to 3 years to build and will begin with utility relocations. Construction of the remaining corridor would be staged.

The Urban Planning Committee Report will be available by November 9, 2018 at edmonton.ca/meetings.

Learn more about this project at: edmonton.ca/105AvenueStreetscape

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