



# Welcome to the 105 Avenue (Columbia Avenue) Streetscape Public Meeting #3

June 13, 2019, 4:00 p.m. to 8:00 p.m.

## What is this meeting for?

- + Share the preliminary design for the 112 Street to 113 Street plaza for your feedback
- + Provide the plans for the next phase of construction (between 109 Street to 116 Street)
- + To have your questions answered by the project team

# 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:

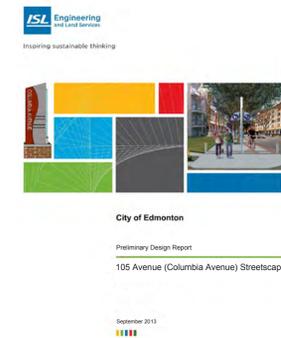
- + Apply the new City of Edmonton Complete Streets Design and Construction Standards
- + Implement protected (separated) bike lanes to provide accessible and all-ages cycling infrastructure
- + Remedy drainage issues
- + Provide on-street waste management loading zones for residential developments waste pickup south of 105 Avenue from 112 Street to 115 Street
- + Prepare the project for the next phase of construction: 109 Street to 116 Street



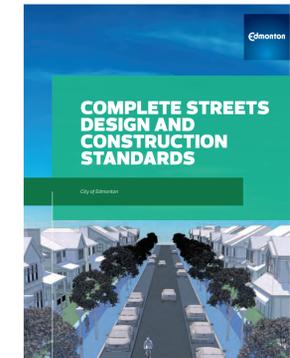
**2006 Preliminary Design Report**



**2016, 116 to 119 Street Construction**



**2013 Preliminary Design Report**



**2018 Complete Streets Design and Construction Standards**



# Streetscape Finishes and Furniture

The finishes and furniture currently between 116 and 119 Street will continue for the remainder of 105 Avenue.

- + 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**



**Bike Rack**



**Bollard/Tree Grate**

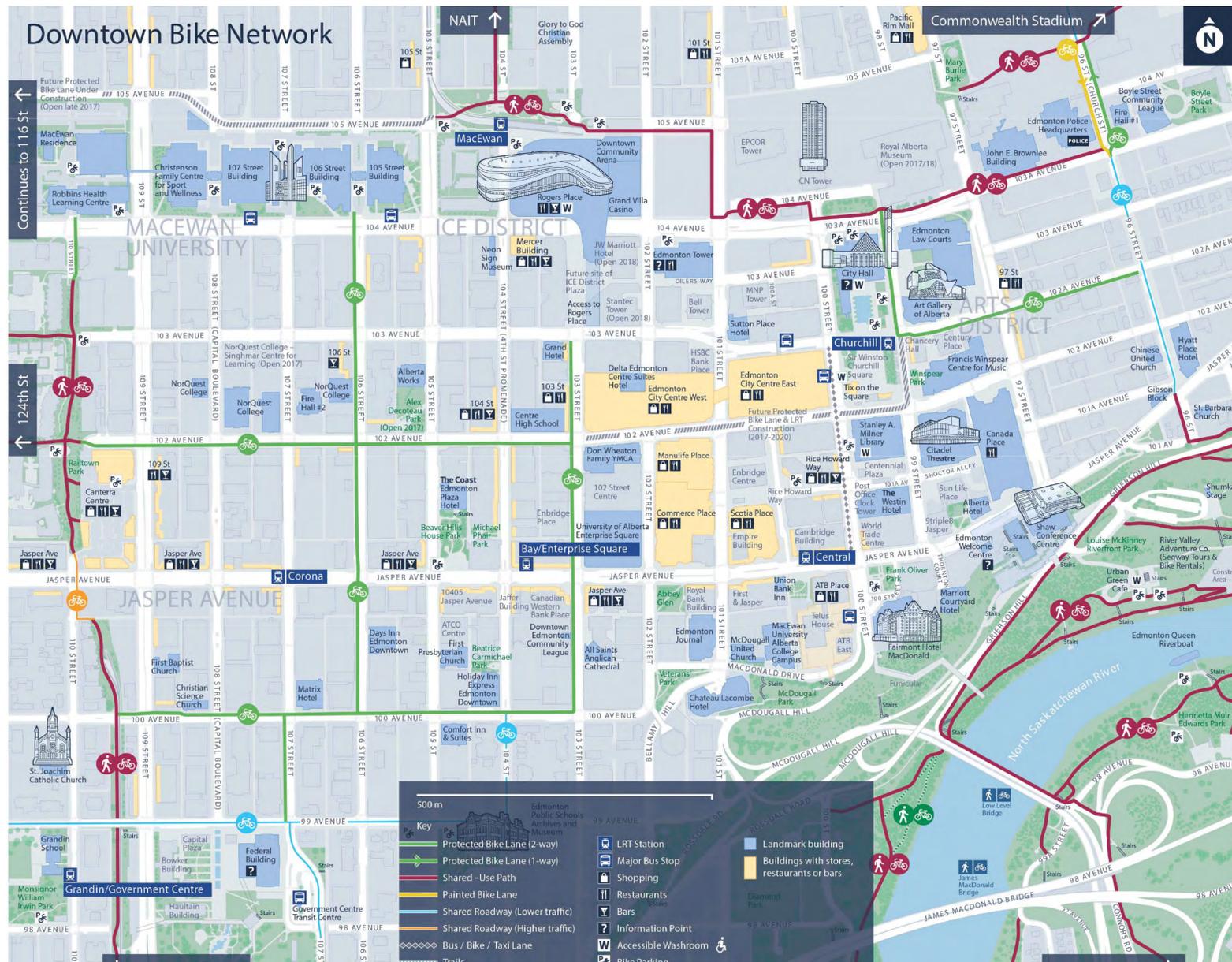


**Lighting**



**Trash Receptacle**

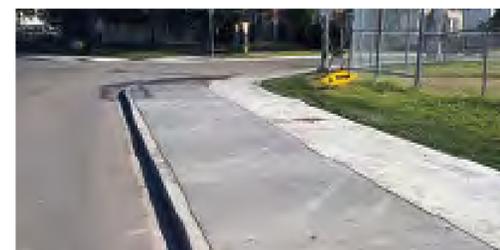
# Bike Network and Trails



**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.



# What Has Been Decided

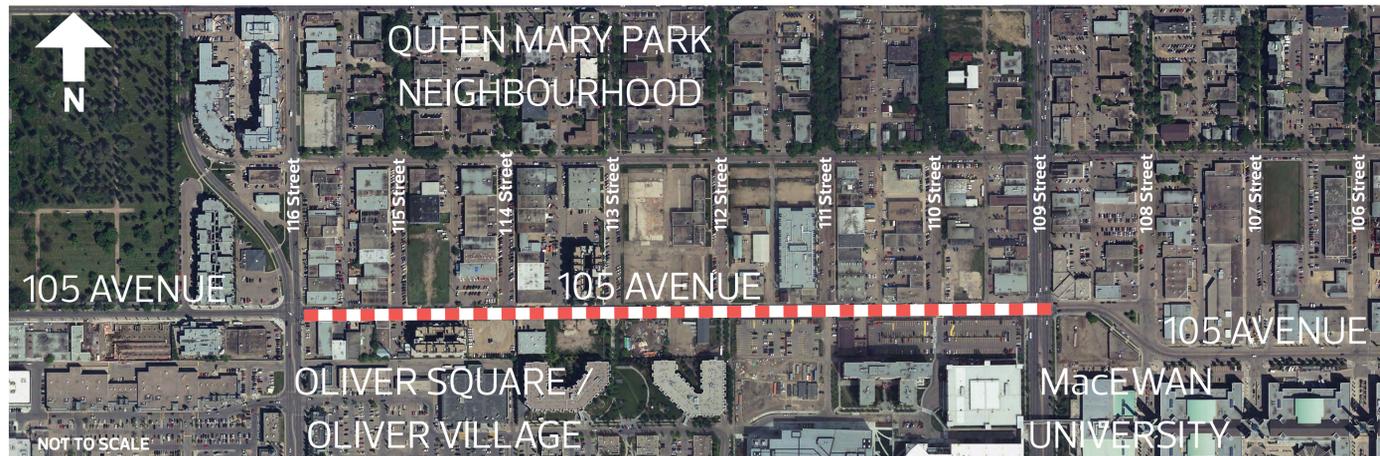
- + Two-way motor vehicle traffic
- + Separate, protected bike lanes (105 to 116 Street) and shared-use path (97 to 105 Street, and 112 to 113 Street Plaza)
- + Sidewalks and planting zones
- + Permanent on-street parking (97 to 100 Street) and interim on-street parking (109 to 112 Street)
- + On-street waste management areas with 30 minute loading zones; 7 a.m. to 10 p.m. (113 to 115 Street)
- + Plaza between 112 and 113 Street
- + Concrete pavement finish and configurations



## Streetscape Zones

**See roll map for 109 Street to 116 Street – the next phase of construction**

# Drainage and Utilities Improvements



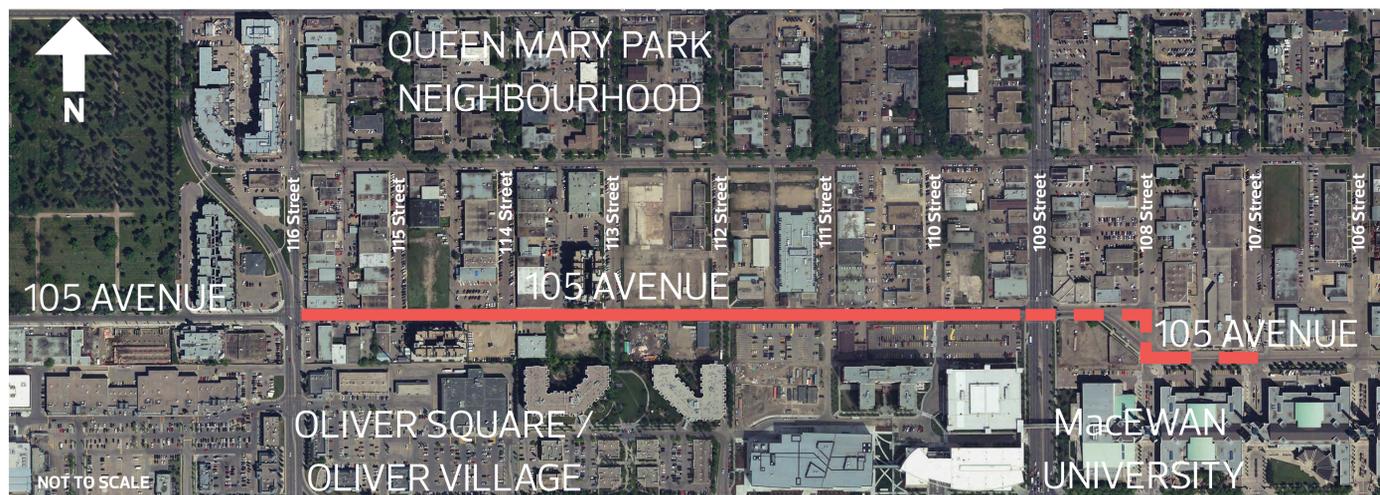
Overhead lines to be buried



## Power and Telecommunications

All overhead lines will be placed underground before the streetscape improvements begin. Property owners with overhead electrical and telecommunications 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 electrical and telecommunications services within the right-of-way is a City cost. Property owners may need to hire an electrician to connect to the new services brought to the property line by EPCOR and telecommunications supplier. The full impacts of this will be determined as part of the detailed design.



Sewer construction

Trenchless sewer construction



## Drainage

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.



# Plaza Background

A plaza between 112 and 113 Streets was proposed in the 2006 and 2013 preliminary designs but did not receive any further design development during the 2018 preliminary design update.

The intent was to have stakeholder engagement specifically on the plaza once the preliminary design was endorsed by City Council's Urban Planning Committee. This occurred in late 2018, along with the Council's budget approval for the next phase of construction from 109 Street to 116 Street.

The phase will also include the plaza construction from 112 Street to 113 Street.

## What stakeholder engagement occurred?

### A stakeholder workshop was held February 23rd to:

- + Identify the vision for the plaza
- + Determine the potential programs or activities – both passive (e.g. seating) and active (e.g. events) – that the stakeholders would like to see occur in the plaza
- + Determine what is required to make those activities a success
- + Prioritize the activities and the amenities required to facilitate the program

# Plaza Vision and Priorities

## What were the results of the stakeholder workshop?

The following vision and priorities were developed from the stakeholder feedback:

**Vision:** The plaza will be a **flexible space** and will safely accommodate a wide range of activities and programs for the immediate and long-term use. It must be recognized that the activities and programming considered today may not be the same in the future.

## Plaza priorities

The stakeholders identified the following should be included in the plaza as priorities:

- + Active/gathering/display areas (open space)
- + Passive/quiet/reflective areas (intimate space)
- + Moveable features, such as furniture to accommodate various activities – flexibility and multipurpose elements are key
- + An identifiable anchor to provide a sense of place, such as, but not limited to, a piece of art or a structure
- + Relief from various weather conditions (rain, snow, sun, wind)
- + Soft and hard landscape (planting and paving)
- + Opportunities for private sponsorship (e.g. art, structures)
- + Infrastructure to support a variety of activities (water, power, gas)
- + Ease of maintenance and longevity of materials

ADVISE

# Plaza Program and Activities

The stakeholders asked that the following be considered (in addition to day-to-day activities):

## Potential year-round activities:

- + Pop-ups
- + Movies
- + Children's play (integrated play elements – not focused on structures such as a playground)
- + Concerts (ranging from buskers and jam sessions to bands)
- + Food events (e.g. food trucks and cafes)
- + Markets
- + Exercising
- + Weddings
- + Others as determined by the community

## Potential seasonal activities:

- + Skating
- + Ice sculptures
- + Frozen bar
- + Barbeque
- + Car club displays
- + Street party
- + Others as determined by the community

**ADVISE**

# Plaza Program and Activities (Continued)

## Specific elements to be considered to assist with activities/programming

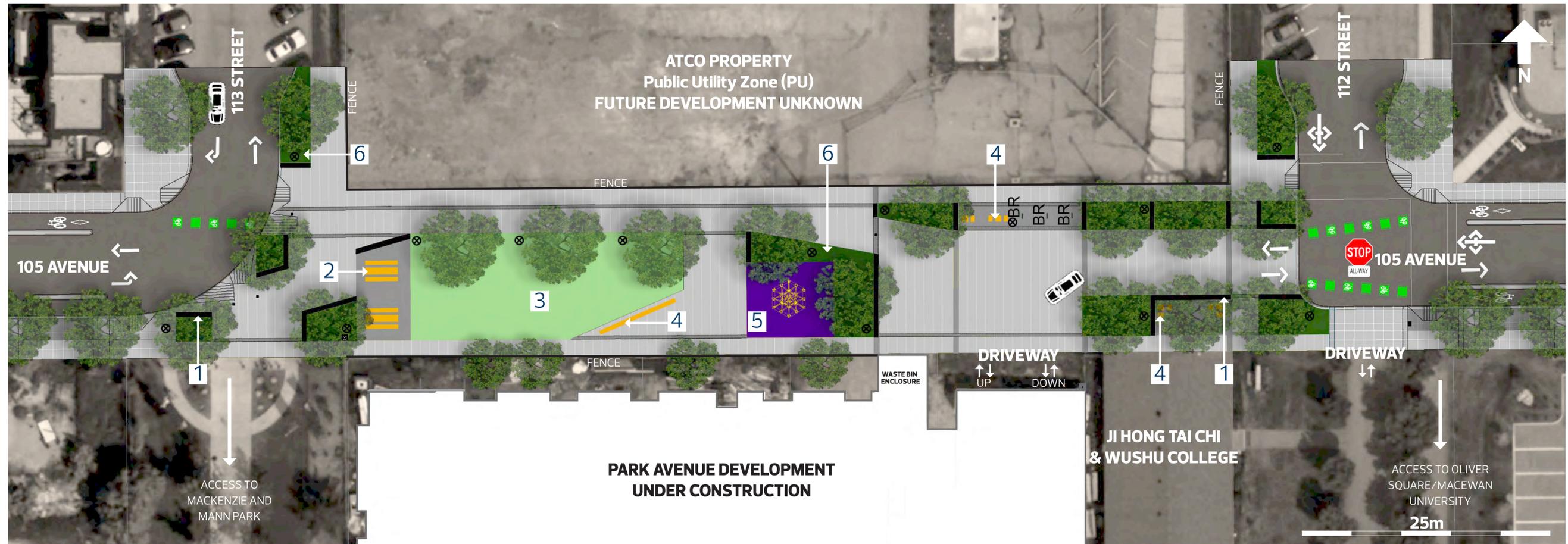
- + Trees, shrubs – consider long term planting areas
- + Hard surfaces – avoid slippery materials
- + Seating and picnic tables
- + Structures, such as a gazebo
- + Barriers on either end of the plaza to discourage vehicles driving through the plaza
- + Lighting
- + Exhibit space (e.g. art, car show)
- + Stage/performance area – consider which way the sound travels as it may disturb the residents
- + Games tables, such as chess – consider where to store these items
- + Exercise equipment
- + Informal skating rink
- + Firepit
- + Digital messaging/displays
- + Water filling station
- + Public washrooms
- + Garbage bins to discourage littering
- + Power/water/gas
- + Use of Crime Prevention through Environmental Design (CPTED) principles

The information received was used by the project team to develop the design of the plaza. Complete Streets Design and Construction Standards as well as internal City stakeholder needs also have to be met. See the What We Heard/What We Did boards for how this information was used.

**ADVISE**

# 112 to 113 Street Plaza

# 105 Avenue (Columbia Avenue)



## PLAN



Feature walls



Concrete picnic tables



Grass



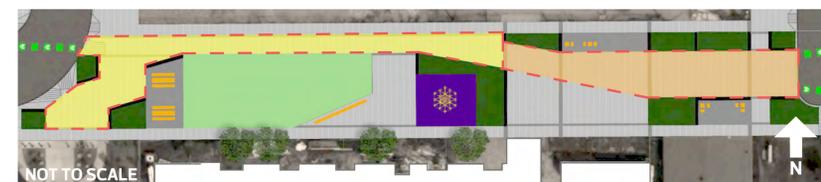
Colourful steel furniture



Flexible space: Multi-user sculptural play and public art component (example shown)



Shrubs



## SHARED-USE KEY PLAN

SHARED-USE PEDESTRIAN-CYCLIST SHARED-USE CYCLIST-MOTORIST



TREE  
TRASH RECEPTACLE  
BOLLARD  
BIKE RACK  
LIGHT POLE  
BIKE LANE BARRIER  
VEHICLE DIRECTIONAL ARROWS (SHOWN FOR INFORMATION ONLY)



PLANTING BED  
GRASS AREA  
FEATURE WALL  
CONCRETE FINISHES  
A) CHARCOAL CONCRETE, BROOM FINISH WITH SAW CUTS - SURFACE INDICATOR PAVING  
B) GRAY CONCRETE, BROOM FINISH WITH SAW CUTS  
C) GRAY CONCRETE, HEAVY SAND-BLASTED WITH SAW CUTS



# 112 to 113 Street Plaza

Artist interpretation



## PLAN



1 112 STREET ALONG 105 AVENUE LOOKING WEST



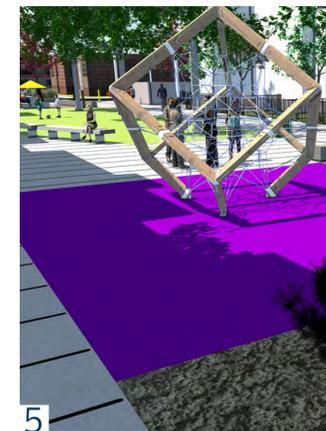
2 113 STREET ALONG 105 AVENUE LOOKING EAST



3 SHARED-USE CYCLIST-MOTORIST PATH LOOKING WEST



4 VIEW FROM PICNIC TABLES LOOKING EAST



5 FLEXIBLE SPACE LOOKING WEST

105 Avenue (Columbia Avenue)

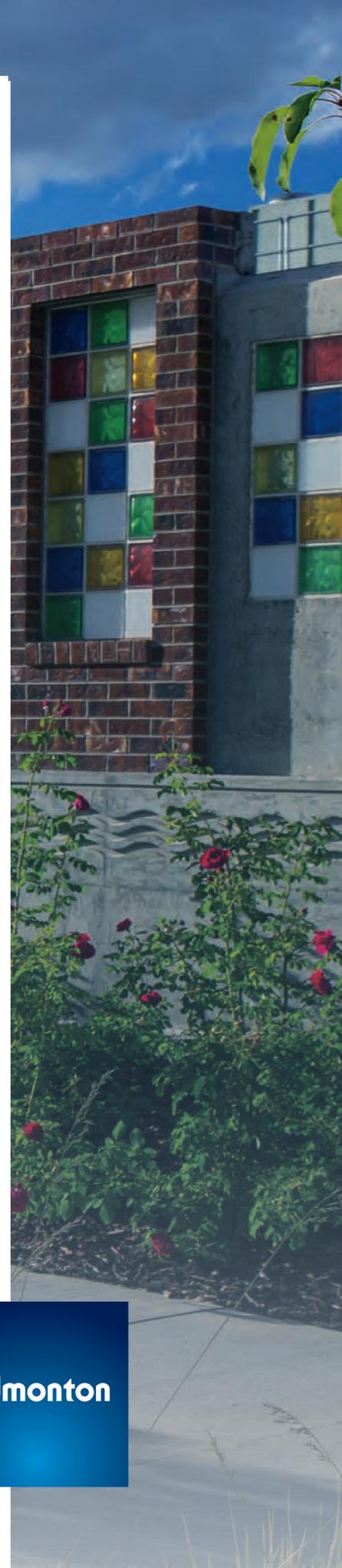


# What We Heard & What We Did

## Priorities for the Plaza:

For a full summary of the What We Heard report, please go to: [edmonton.ca/105AvenueStreetscape](http://edmonton.ca/105AvenueStreetscape)

What We Heard	What We Did (refer to Plaza boards for proposed design)
+ Active/gathering/display areas (open space)	+ Provide a mix of spaces in the plaza including low feature walls, paving changes, planting and furniture
+ Passive/quiet/reflective areas (intimate space)	+ The plaza can be used as a gathering area and/or a quiet area dependent on programming
+ Moveable features, such as furniture to accommodate various activities	+ Moveable furniture will not be provided by the City. It can be placed in the plaza for specific activities by the organizers and by adjacent businesses/buildings in collaboration with the City's Neighbourhood Resource Coordinator + Low feature walls separate and define spaces and also provide opportunities for seating
+ An identifiable anchor to provide a sense of place, such as, but not limited to, a piece of art or a structure	+ The Percent for Art program through the Edmonton Arts Council will provide a piece of art for the plaza + Community representation may be requested once this process starts + The City team will work with the Edmonton Arts Council to integrate the art into the plaza + A permanent structure was not included in the construction budget and may be added if the community raises the funds
+ Relief from various weather conditions (rain, snow, sun, wind)	+ Trees will help buffer wind and provide some protection from rain and sun + Organizers may add temporary shelters for additional protection for events in coordination with the City's Neighbourhood Resource Coordinator

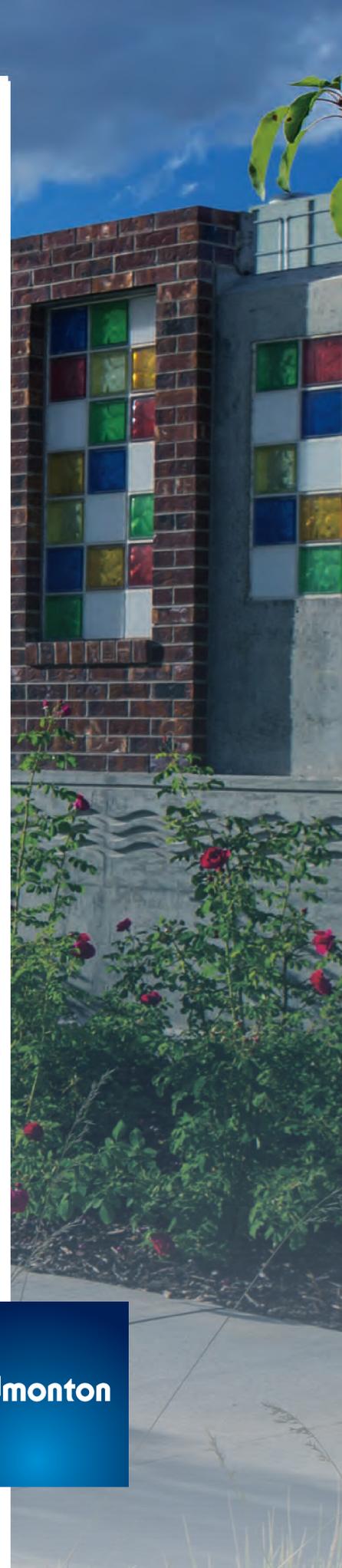


# What We Heard & What We Did (Continued)

## Priorities for the Plaza:

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What We Heard	What We Did (refer to Plaza boards for proposed design)
<ul style="list-style-type: none"> <li>+ Soft and hard landscape (planting and paving)</li> </ul>	<ul style="list-style-type: none"> <li>+ Maintaining the movement of pedestrians and cyclists through the plaza was a priority and requires a hard surface. Different paving patterns will help to define these uses</li> <li>+ Some areas will be planted with trees and shrubs to help define spaces and a grassed area will be provided</li> </ul>
<ul style="list-style-type: none"> <li>+ Opportunities for private sponsorship (e.g. art, structures)</li> </ul>	<ul style="list-style-type: none"> <li>+ The plaza is part of the road right-of-way and it will need to follow the Traffic Bylaw 5590</li> <li>+ Depending on the type of addition, any organization that would like to add art or a structure to the plaza would have to enter into an agreement or obtain a permit from the City to support the installation and clarify roles and responsibilities around operations and maintenance of the feature</li> <li>+ The City's Right-of-way and Parkland Management Group would be the contact to start this process</li> </ul>
<ul style="list-style-type: none"> <li>+ Infrastructure to support a variety of activities (water, power, gas)</li> </ul>	<ul style="list-style-type: none"> <li>+ There will be electrical outlets for tree lighting in the plaza</li> <li>+ Water and gas will not be provided for day-to-day activities or events. Generators will have to be brought on site</li> </ul>
<ul style="list-style-type: none"> <li>+ Ease of maintenance and longevity of materials</li> </ul>	<ul style="list-style-type: none"> <li>+ Materials have been selected for longevity and meet City standards</li> </ul>



# Next Steps

- + Please fill in the comment form at the public meeting or online at: [www.edmonton.ca/105AvenueStreetscape](http://www.edmonton.ca/105AvenueStreetscape)

If you fill in the hard copy outside of the public meeting, please scan in and forward to:

[Transportationplanninganddesign@edmonton.ca](mailto:Transportationplanninganddesign@edmonton.ca)

All comment forms must be received by **June 28, 2019** before 11:59 p.m.

- + The comments received on the plaza will be reviewed and, where possible, incorporated into the recommended plan for the plaza
- + The recommended plan for the plaza will be posted on the webpage at the end of August 2019 along with **What We Heard** and **What We Did** with the comments collected about the plaza
- + Detailed design for 105 Avenue (Columbia Avenue), from 109 Street to 116 Street, has started and the recommended plaza plan will be incorporated into this design

- + Utility relocation to start in 2020 with construction of the roadway between 109 Street and 116 Street anticipated to start in 2021