



Major Bike Routes – 102 Avenue Pre-Construction Open House May 3, 2017, 5-8PM

Please visit displays for project information
Talk to staff, ask questions, visit website at: www.edmonton.ca/bike102avenue

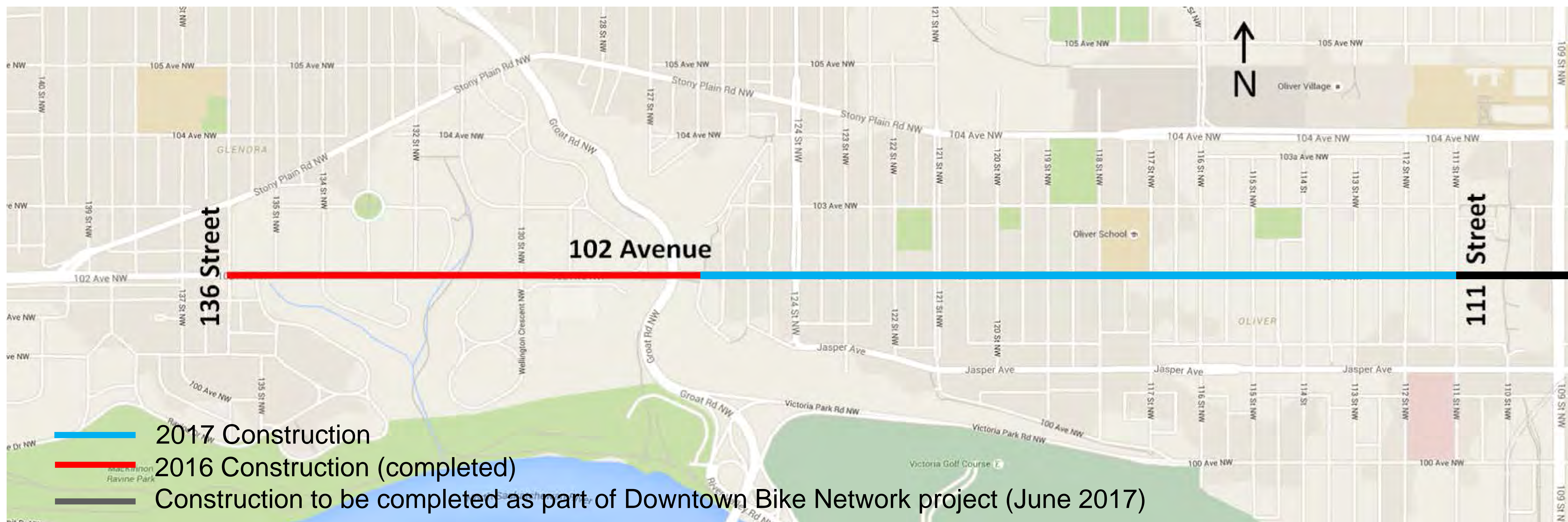
CYCLING: LET'S BUILD IT BETTER. TOGETHER.

Edmonton

Drop-In Open House

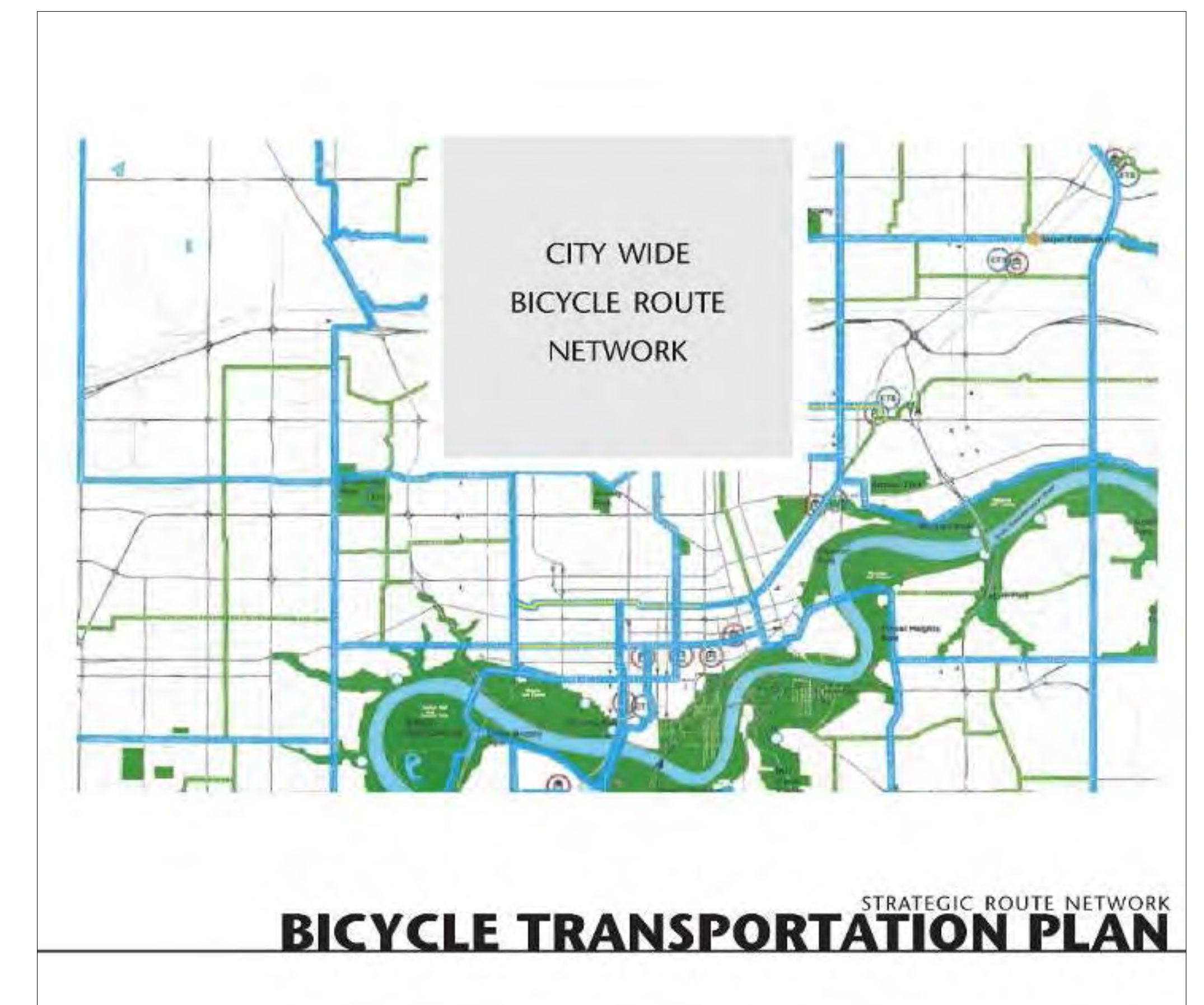
Objectives

- To share information on the upcoming construction of the 102 Avenue major bike route (Clifton Place to 111 Street).
- To give some background on the project.



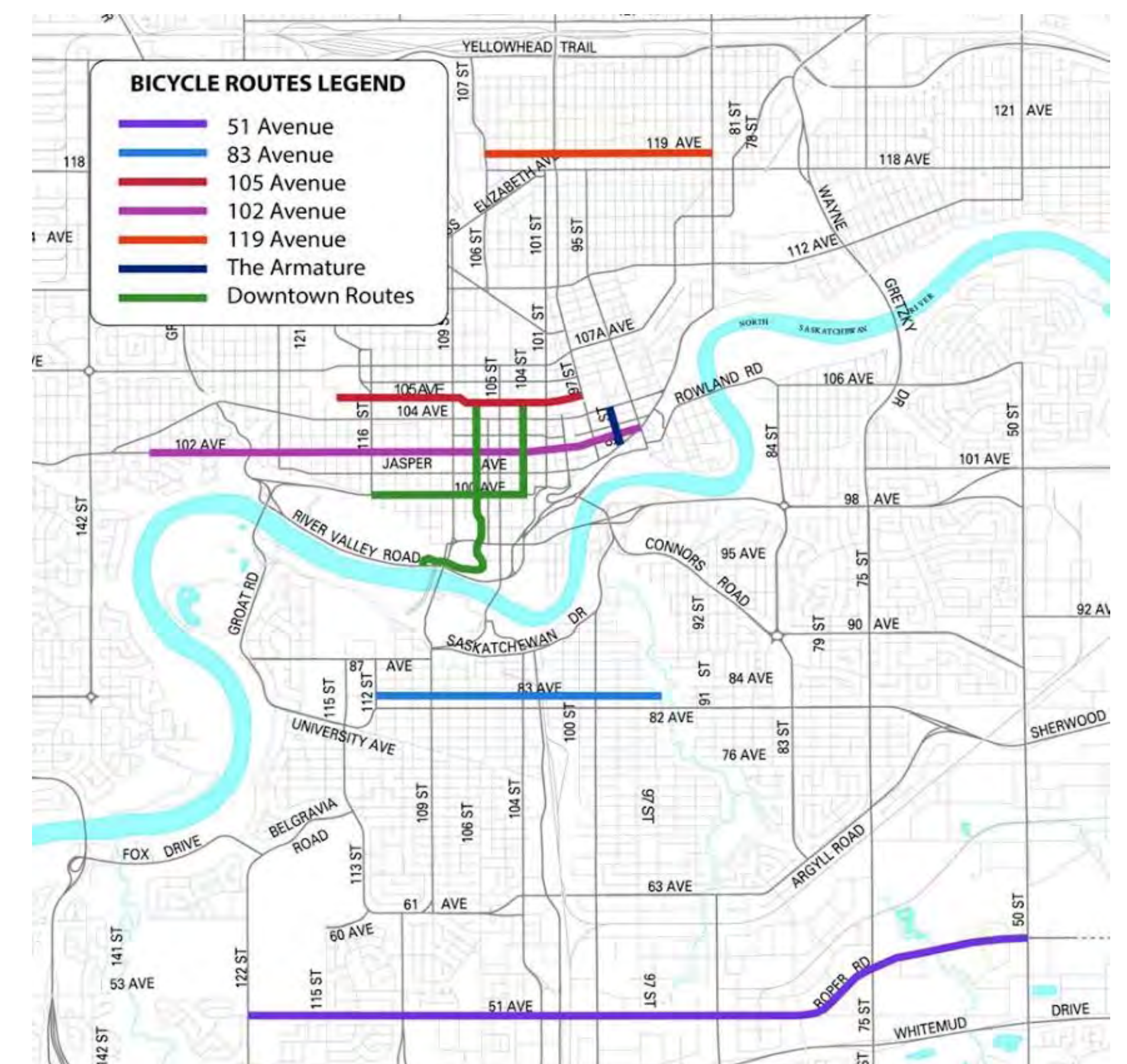
Council Direction (June 2014)

Transportation Master Plan and Bicycle Transportation Plan: *Council approved in 2009*



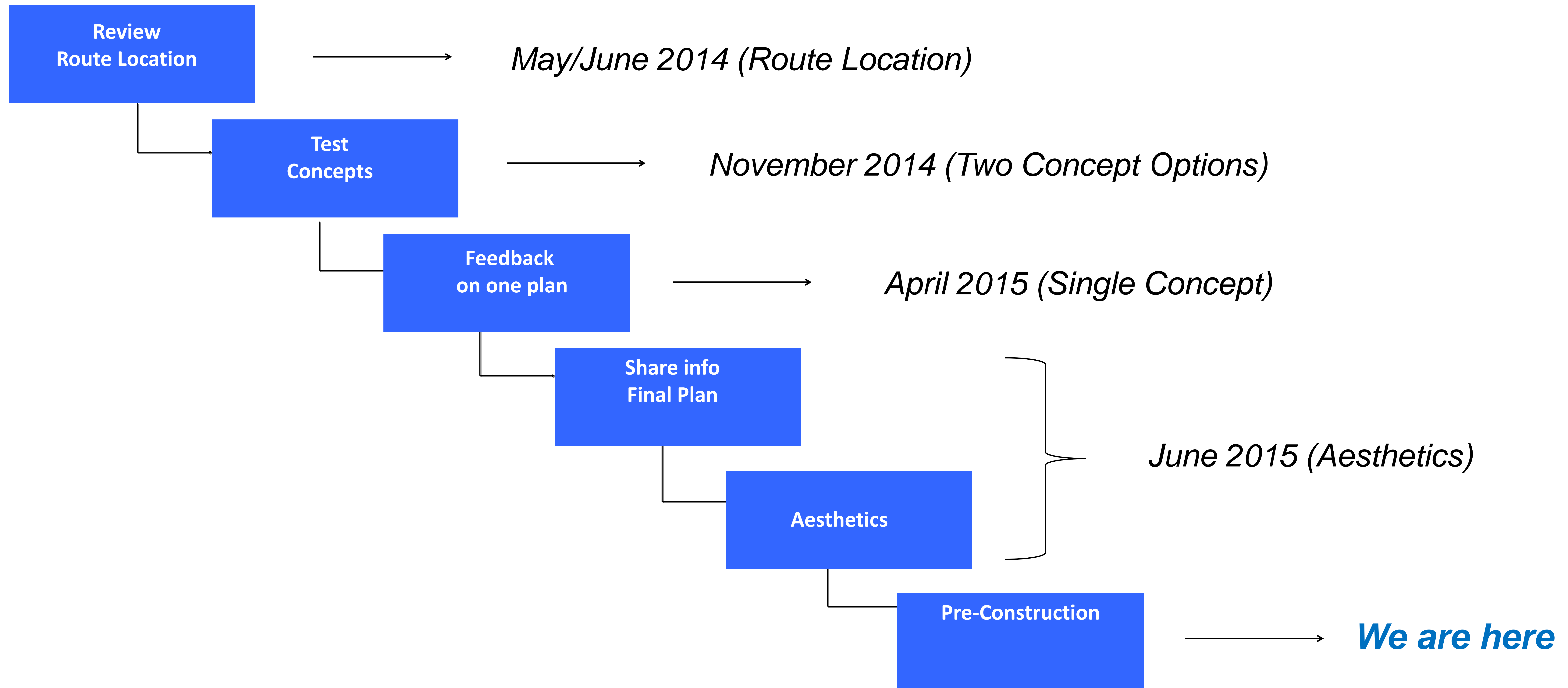
Council Direction in 2014: Major Bike Grid

- *Plan for higher quality infrastructure*
- *Focus on existing routes with greater existing ridership*
- *More opportunities for public input, earlier in the project (route options and evaluation criteria)*



Council Direction (June 2014)

Major Bike Route Grid Engagement



Consultation to Date



Total Participation: 1560

Project Overview

102 Avenue Major Bike Route

- Connects the neighbourhoods of Glenora, Westmount and Oliver as well as the 124 Street Business Association.
- High ridership for cyclists.
- Ties into an existing north/south bike route at 136 Street, 121 Street and Raitown.
- Construction of a shared-use path between 136 Street and Connaught Drive completed in 2016.
- Two-way protected bike lane between Clifton Place and 111 Street. Construction will begin in 2017 and is expected to be completed in one season provided utility companies can complete their work in a timely fashion.

Construction Details

- Includes aesthetic improvements and enhancements to landscaping.
- Pavement markings and signals will be upgraded.
- Includes drainage improvements and utility relocates (such as street lighting, gas lines, signals and water lines).

Shared-use Path

136 Street to Connaught Drive – Construction Completed (2016)



Newly Constructed Path on 102 Avenue

- 102 Avenue is a four lane arterial roadway.
- 3.0m wide concrete shared-use path constructed from 136 Street to Connaught Drive.
- Shared-use path replaced the existing sidewalk on the north side of 102 Avenue.
- No changes were made to parking or travel lanes.
- West end of the corridor ties into the north/south bike route at 136 Street.



Protected Bike Lane

Clifton Place to 121 Street



- 102 Avenue is a four lane arterial roadway between Clifton Place and 124 Street and a two lane collector roadway from 124 Street to 121 Street.
- A two-way protected bike lane will be constructed between Clifton Place and 121 Street on the north side of 102 Avenue with a concrete median separating traffic from the protected bike lane.
- 102 Avenue will remain a two-way, two-lane road with parking on both sides between 121 and 123 Street. Five parking stalls will be removed from the north side of 102 Avenue between 123 and 124 Street.



Protected Bike Lane

121 Street to 111 Street



Example from Winnipeg, MB

- 102 Avenue is a two lane collector roadway in a residential area.
- A two-way protected bike lane will be constructed between 121 Street and 111 Street on the north side of 102 Avenue. A concrete median will separate the protected bike lane from traffic.
- East of 121 Street, 102 Avenue will become one-way eastbound for vehicles.
- Parking will be maintained on the south side of 102 Avenue.



Construction Staging

CLIFTON PLACE TO 111 STREET

- Clifton Place to 111 Street is expected to be completed in one construction season (2017) provided that utility companies can have their work completed in a timely fashion.
- In addition to constructing the two-way protected bike lane, there is utility work in the area including gas line upgrading, streetlight replacements/relocates, traffic signal upgrades, drainage improvements and waterline work.

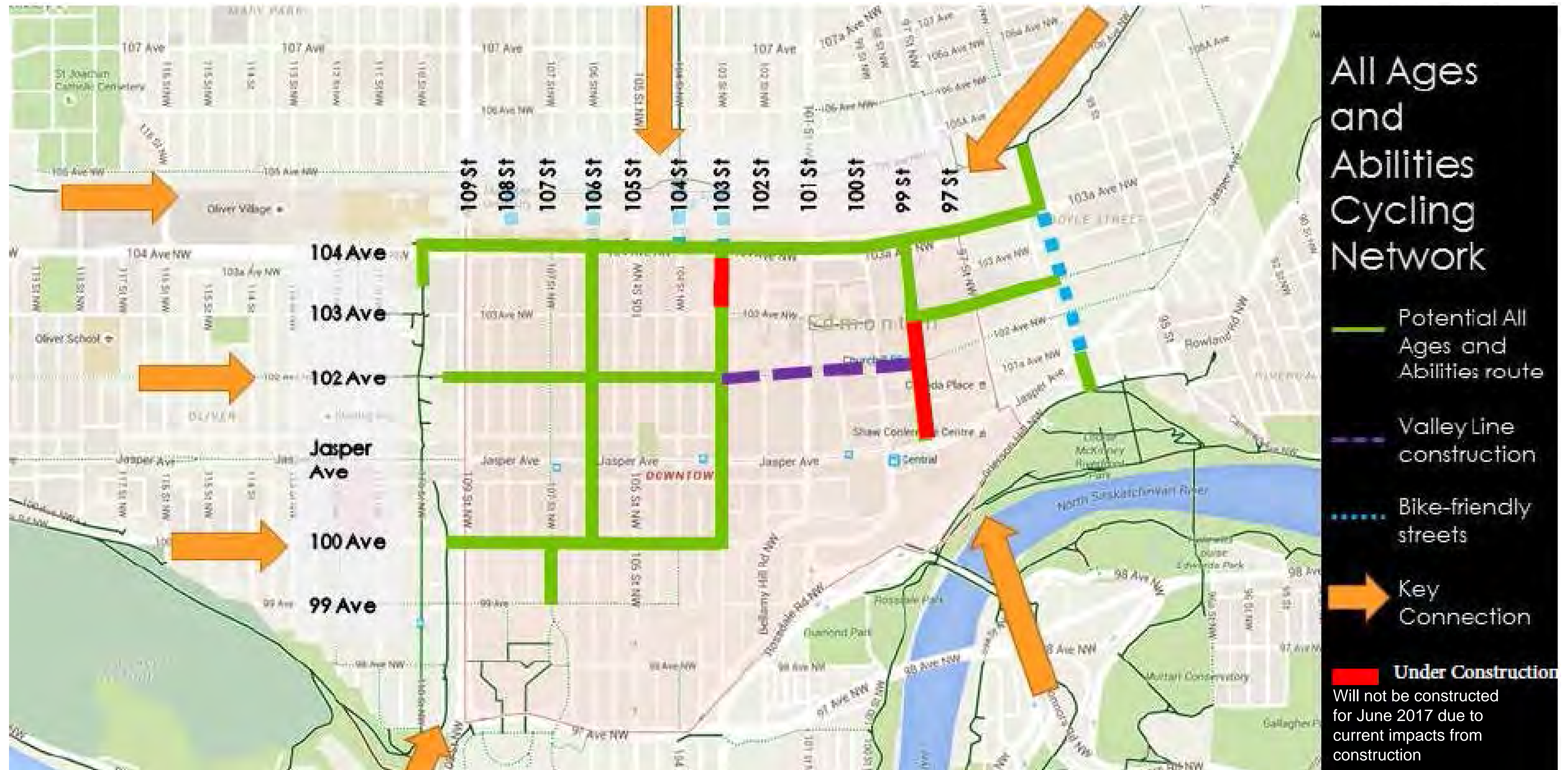
111 STREET TO 103 STREET

- To be constructed as part of the Downtown Bike Network project. Construction is expected to be completed by June 2017.

103 STREET TO 99 STREET

- To be constructed in coordination with Valley Line LRT (estimated completion 2018).

Downtown Bike Network



Cross Sections

**124 ST TO CLIFTON PLACE
(LOOKING EAST)**



EXISTING

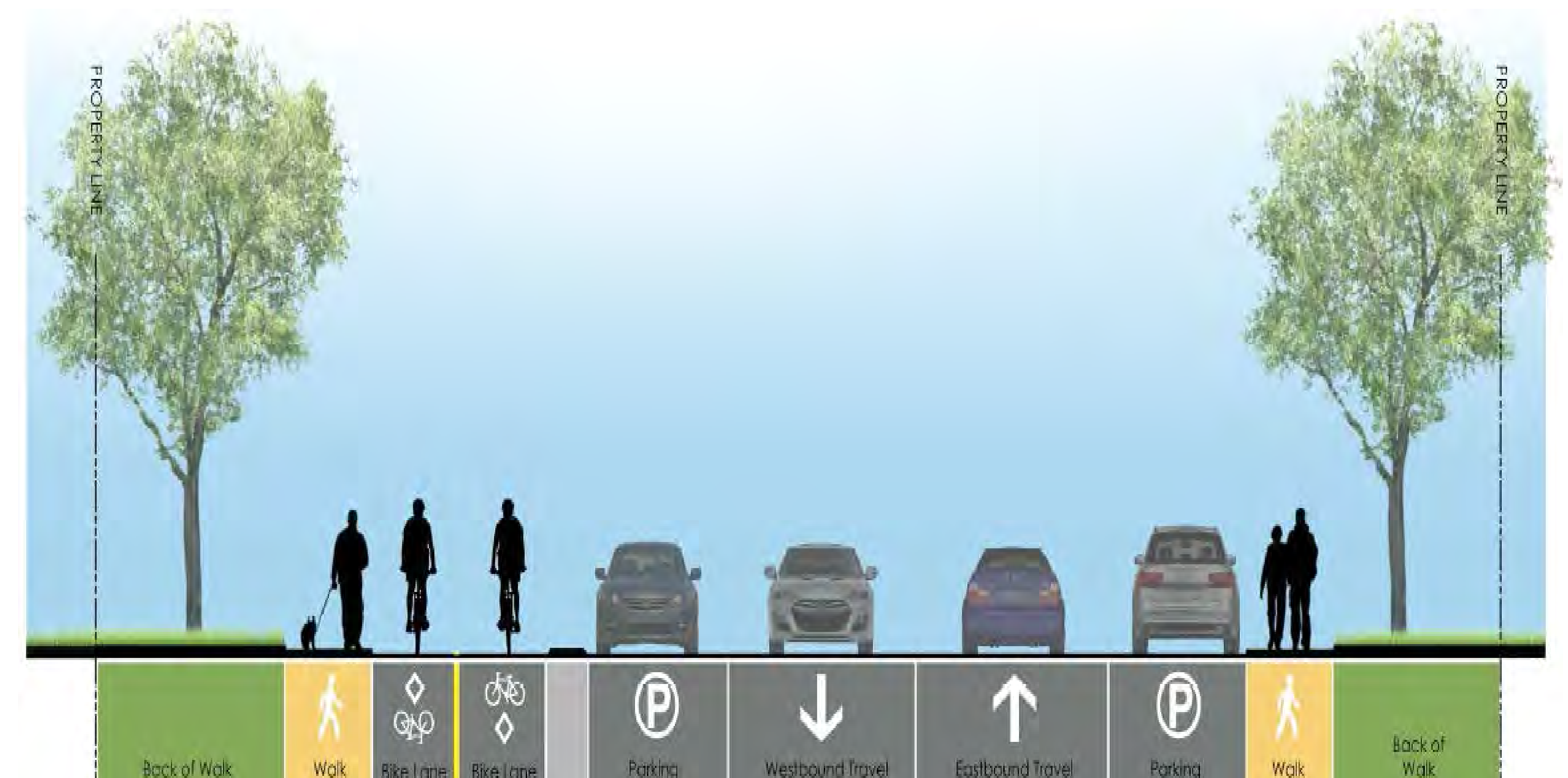


PLANNED

**121 TO 123 ST
(LOOKING EAST)**



EXISTING



PLANNED

Cross Sections

**123 to 124 ST
(WEST HALF LOOKING EAST)**



EXISTING

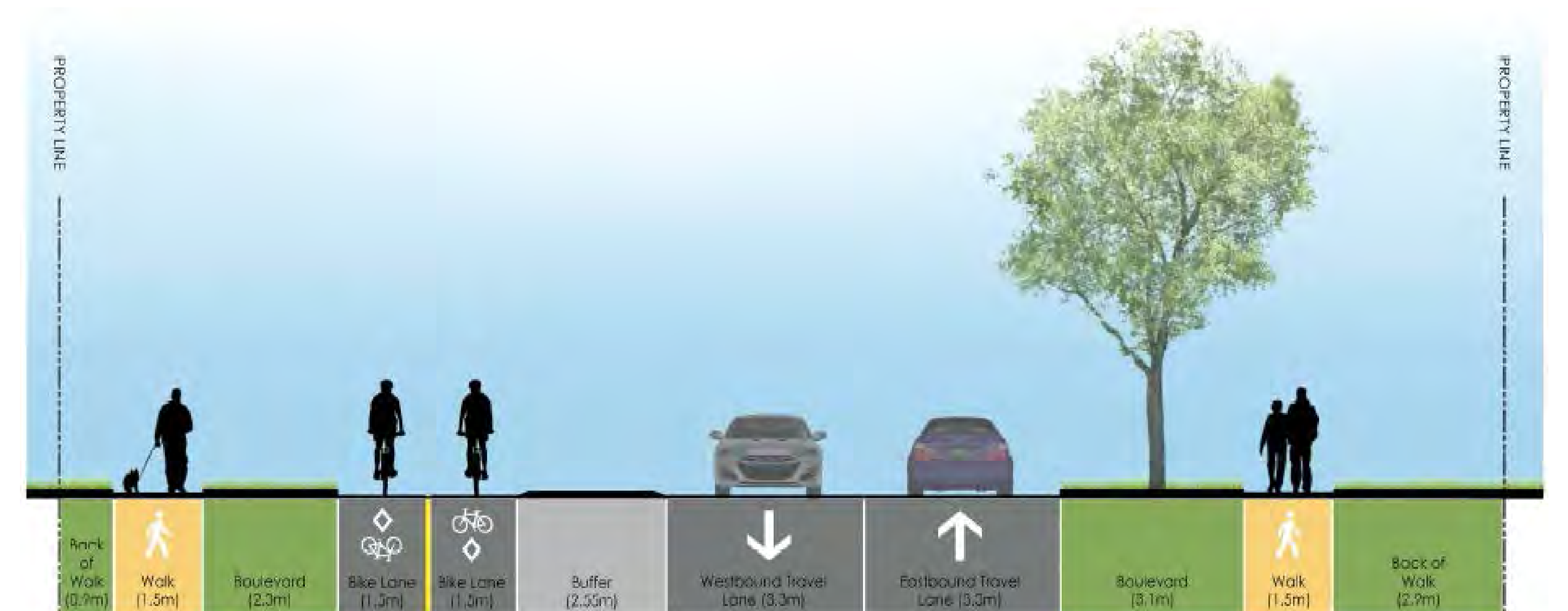
**123 to 124 ST
(EAST HALF LOOKING EAST)**



EXISTING



PLANNED



PLANNED

Cross Sections

111 TO 121 ST
(LOOKING EAST)



EXISTING



PLANNED

Aesthetic Improvements



Seating Node Elements

Aesthetic Improvements



700 Series Backless Bench



'Q' Bike Rack



'Fixit' Bike Repair Station



Litter Receptacle



Stamped Asphalt Crosswalk



'Promenade 75' Self Watering Planter



Bike Route Sign Blades

Aesthetic Improvements



Tree Lilac



American Elm



Foxi Pavement Rose



Kelsey D. Dogwood



Snowmound Spirea



Bronze Veil Tufted Hair Grass



Blue Oat Grass



Purple Coneflower



Goblin Blanket Flower



Purple de Oro Daylily



Chicago Apache Daylily



Stella de Oro Daylily



May Night Salvia