Major Bike Routes - 102 Avenue Workshop
April 21, 2015
Our Purpose Today

- **Provide context** on how Major Bike Routes fit into Edmonton’s future
- **Share information on what we heard** in our last phase, and how that has been reflected in the new concept plan
- **Get your feedback** on the new single concept plan
What We Heard

• Preference for a continuous, safe, and separated cycle track
  – Physical separation
  – More maintainable
  – Suitable for riders of all skill levels

• Some stakeholder groups and residents preferred the bike boulevard
  – Retains parking
  – Calms traffic
  – Increases the livability of neighborhoods
  – More flexible design
What We Heard: 102 Avenue

- Overall preference for the cycle track
- 102 Avenue and 124 Street intersection:
  - Partial closure option not favoured due to business access needs
- General excitement for adding bike lanes to neighbourhoods
- Opportunity to address pre-existing concerns with the high volume of short-cutting traffic and nuisance parking
How we started: Mandate

Council approved in 2009
Plan for higher quality infrastructure
Focus on routes with greater existing ridership
More public input opportunities earlier in the projects – including getting input on route options and evaluation criteria
Consultation To Date

Input on:

- Route Location
  - 102 Avenue
  - 103 Avenue

- Two concept options
  - Bicycle Boulevard
  - Cycle Track

Total Participation: 966

101 – Online dialogue
183 – Public workshops
19 – Stakeholder conversations
170 – Pop up at farmers market
290 – Online dialogue
163 – Public workshops
40 – Stakeholder conversations
Key Themes - Criteria

- 9 Criteria developed based on feedback and industry best practices
- Key themes criteria address
  - Safety, operations with pedestrians and vehicles, maintenance, parking, integration with transit and cost
  - Each criterion was equally considered in the overall analysis
Evaluation Results

• An objective evaluation process used to assess the routes
  – Each criterion was evaluated on a scale of 1 to 5
  – Segments of each route were scored individually to reflect localized attributes
  – The overall score was based on a 45 point scale
Evaluation Results

102 Avenue Route:

- The **bicycle boulevard** had an overall corridor score of **29.2**
- The **cycle track** had an overall corridor score of **37.4**
Definition: Cycle Track

A cycle track, otherwise known as a protected bike lane is:

• a bike lane that is physically separated from motor vehicle traffic, parked cars and sidewalks.

• minimizes conflicts between cyclists, pedestrians and drivers.
TWO-WAY CYCLE TRACK
7th Ave, Calgary, AB
CYCLE TRACK IN WINTER
7th Ave, Calgary, AB
TWO-WAY CYCLE TRACK
Broadway, Seattle, WA
TWO-WAY CYCLE TRACK (LOCAL ROAD)
Assiniboine Ave, Winnipeg, MB
ELEVATED BIKE LANE
What’s a cross-section?

Includes:

- Road width
- Parking
- Trees
- Sidewalk
- Curbs
- Driving lanes
- Space for bikes
What does it show us?

Existing

Potential
102 Avenue Concept

102 Avenue – east of 135 Street (Existing)
102 Avenue – east of 135 Street (Shared-use Path)
102 Avenue Concept

102 Avenue – west of 133 Street (Existing)
102 Avenue Concept

102 Avenue – west of 133 Street (Shared-use Path)
102 Avenue Concept

102 Avenue – Wellington Bridge (Existing)
102 Avenue Concept

102 Avenue – Wellington Bridge (Interim)
102 Avenue Concept

102 Avenue Bridge – west of Clifton Place (Under Construction)
102 Avenue Bridge – west of Clifton Place (Cycle Track)
102 Avenue Concept

102 Avenue – east of Clifton Place (Existing)
102 Avenue Concept

102 Avenue – east of Clifton Place (Cycle Track)
102 Avenue Concept

102 Avenue – west of 124 Street (Existing)
102 Avenue – west of 124 Street (Cycle Track)
102 Avenue Concept

102 Avenue – east of 124 Street (Existing)
102 Avenue Concept

102 Avenue – east of 124 Street (Cycle Track)
102 Avenue – west of 123 Street (Existing)
102 Avenue Concept

102 Avenue – west of 123 Street (Cycle Track)
102 Avenue – east of 123 Street (Existing)
102 Avenue – east of 123 Street (Cycle Track)
102 Avenue Concept

102 Avenue – west of 122 Street (Existing)
102 Avenue Concept

102 Avenue – east of 123 Street (Cycle Track)
102 Avenue Concept

102 Avenue – east of 121 Street (Existing)
102 Avenue Concept

102 Avenue – east of 121 Street (Cycle Track)
102 Avenue Concept

102 Avenue – east of 112 Street (Existing)
102 Avenue – east of 112 Street (Cycle Track)
Continuation of the 102 Avenue route:
• 111 Street to 96 Street – will be designed and constructed in conjunction with the Valley Line LRT
What’s next

• **Detailed plans and information** is available at the tables

• **Provide your input** on the updated concept plan, any trade-offs and what you feel is most important