



Major Bike Routes – 102 Avenue  
Workshop  
April 21, 2015

**CYCLING:** LET'S RESTART THE CONVERSATION. TOGETHER.



# 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

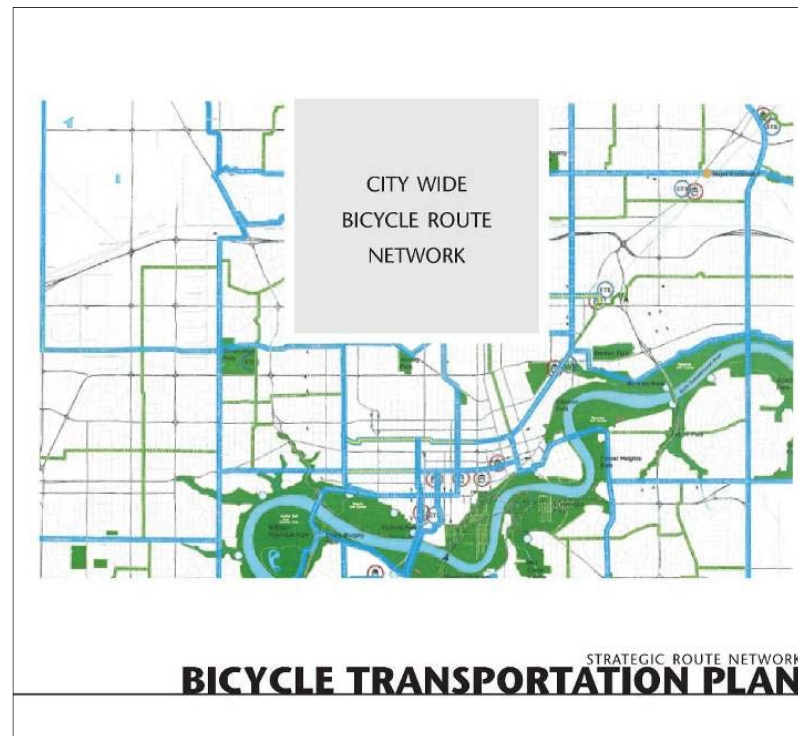
- Preference for a continuous, safe, and separated cycle track
  - Physical separation
  - More maintainable
  - Suitable for riders of all skill levels
- Some stakeholder groups and residents preferred the bike boulevard
  - Retains parking
  - Calms traffic
  - Increases the livability of neighborhoods
  - 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

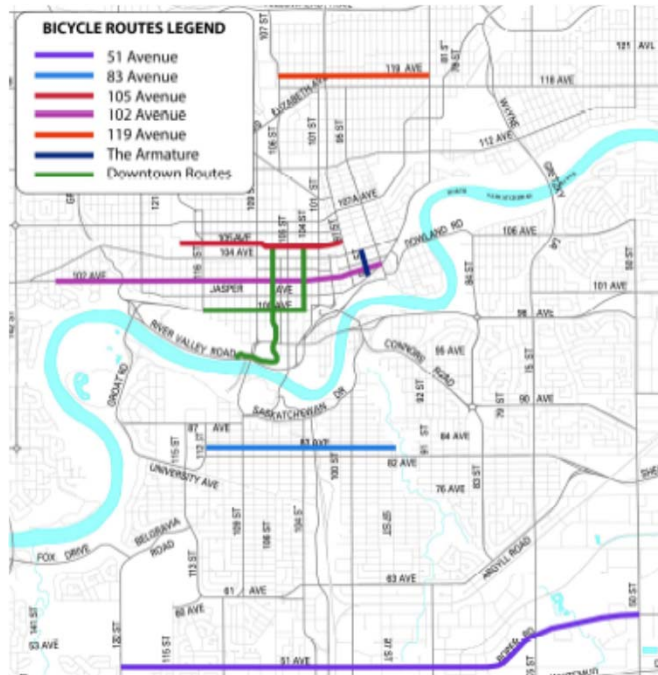
*Council approved in 2009*



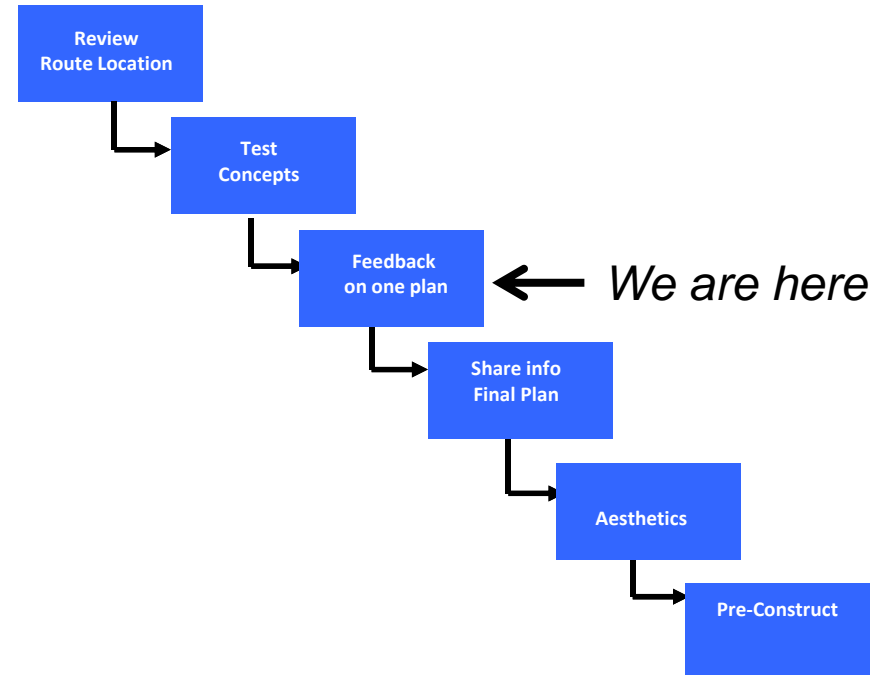


# Council Direction (June 2014)

## Major Bike Grid



## Major Bike Grid Engagement



- 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



# 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**

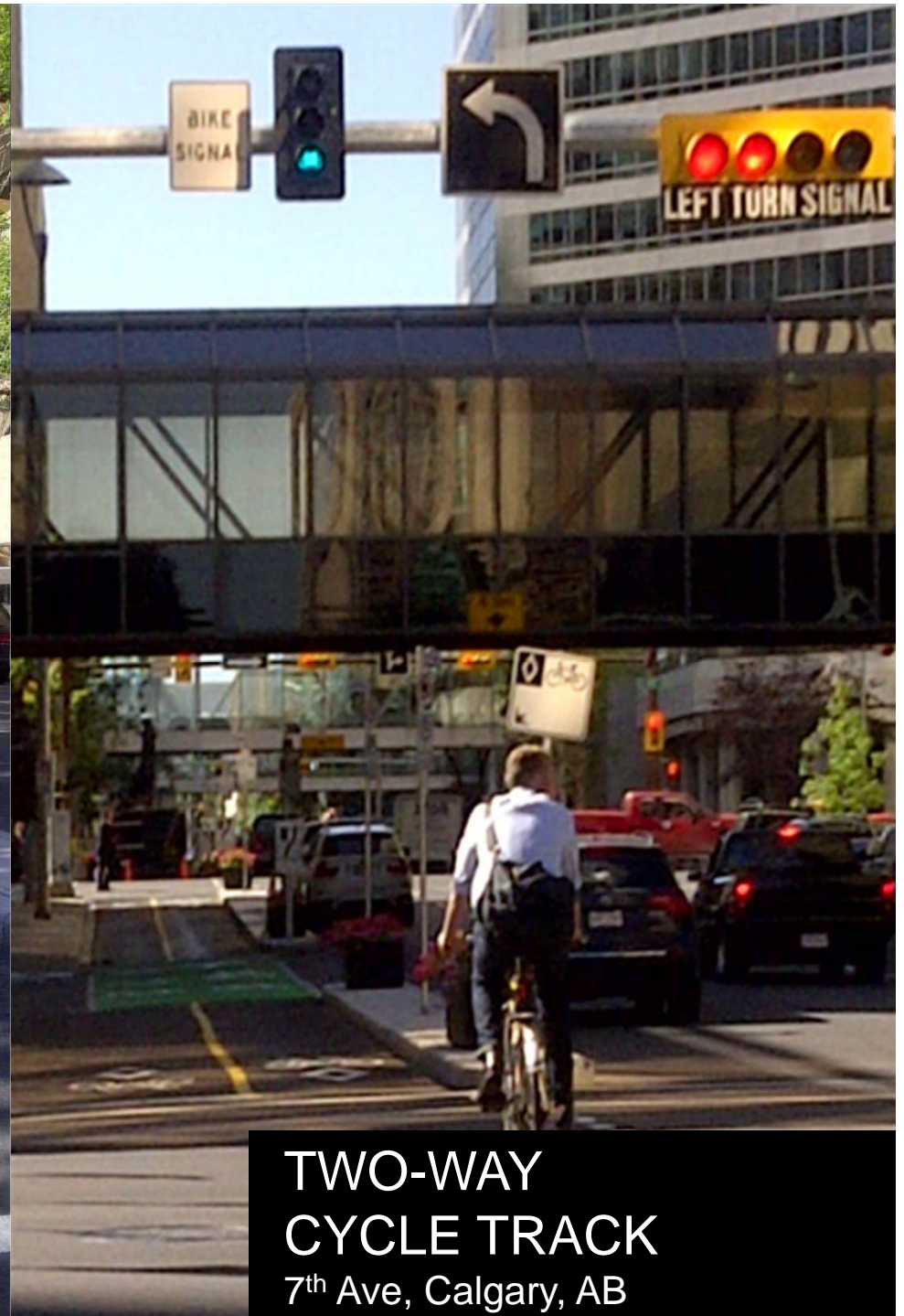
# Definition: Cycle Track



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.





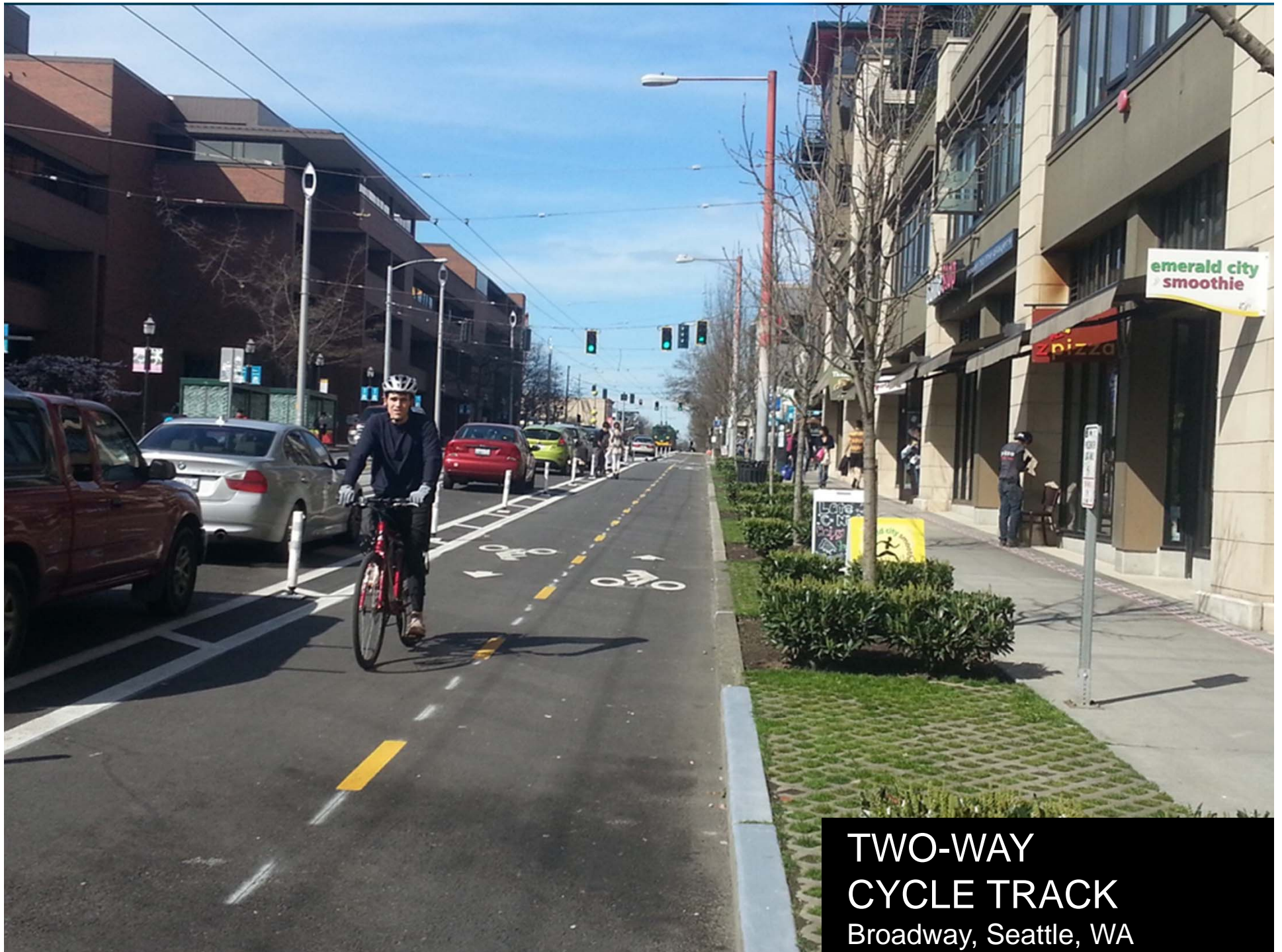




## CYCLE TRACK IN WINTER

7<sup>th</sup> Ave, Calgary, AB





**TWO-WAY  
CYCLE TRACK**  
Broadway, Seattle, WA

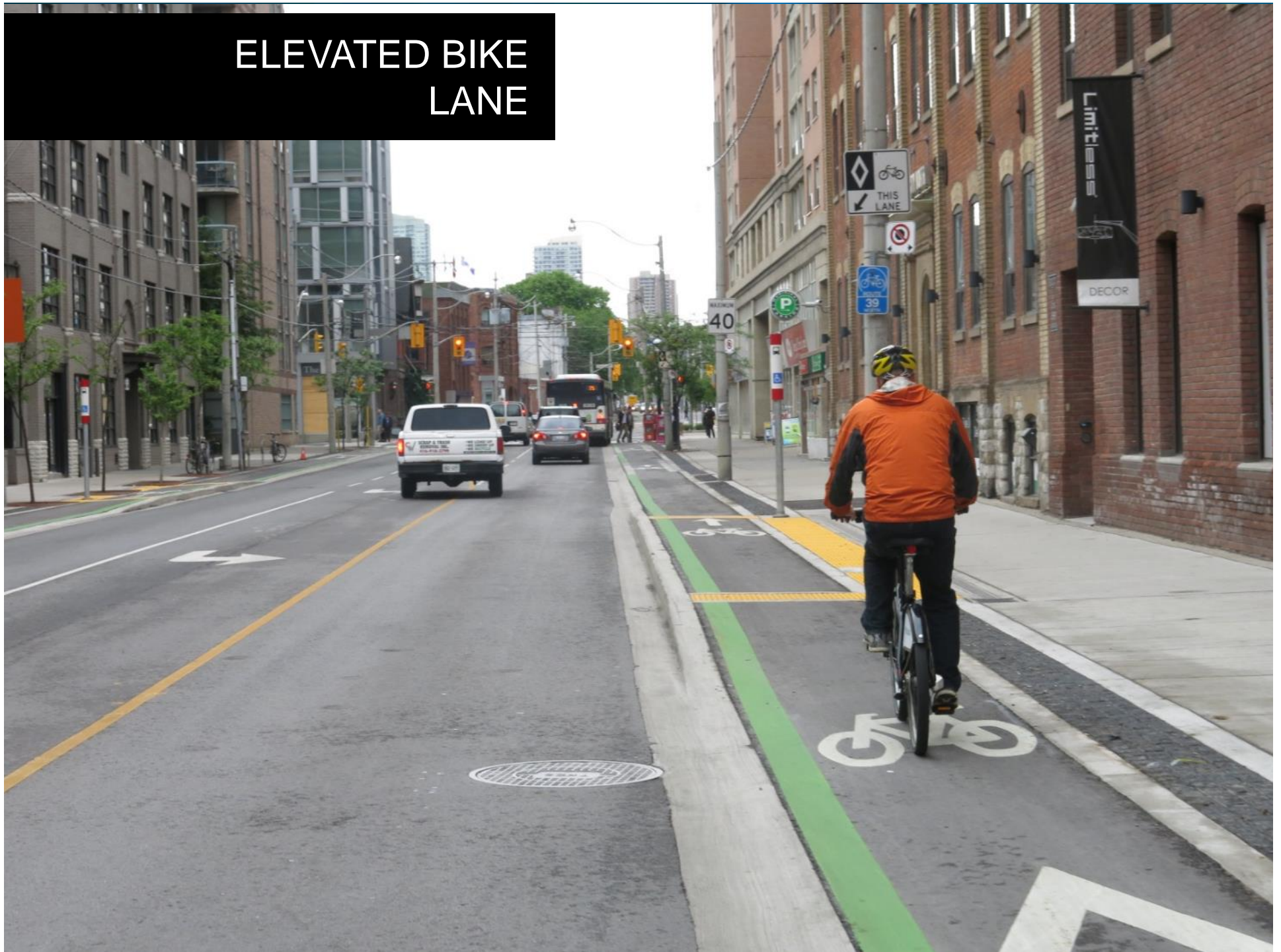




**TWO-WAY CYCLE  
TRACK (LOCAL ROAD)**  
Assiniboine Ave, Winnipeg, MB



# ELEVATED BIKE LANE



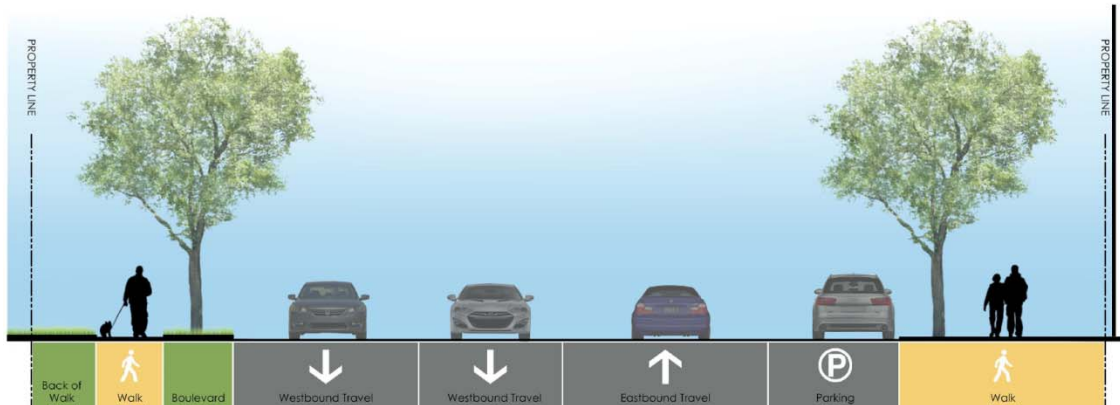
# What's a cross-section?

Includes:

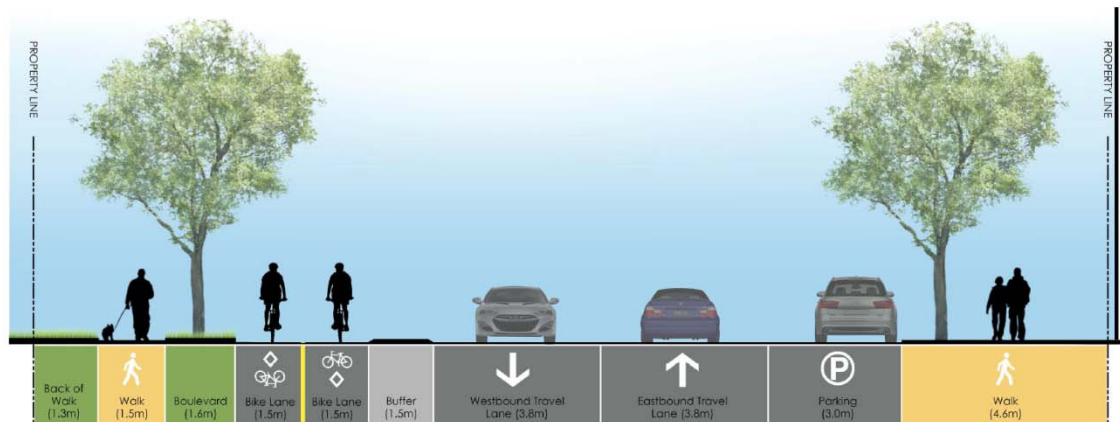
- Road width
- Parking
- Trees
- Sidewalk
- Curbs
- Driving lanes
- Space for bikes



# What does it show us?



Existing



Potential

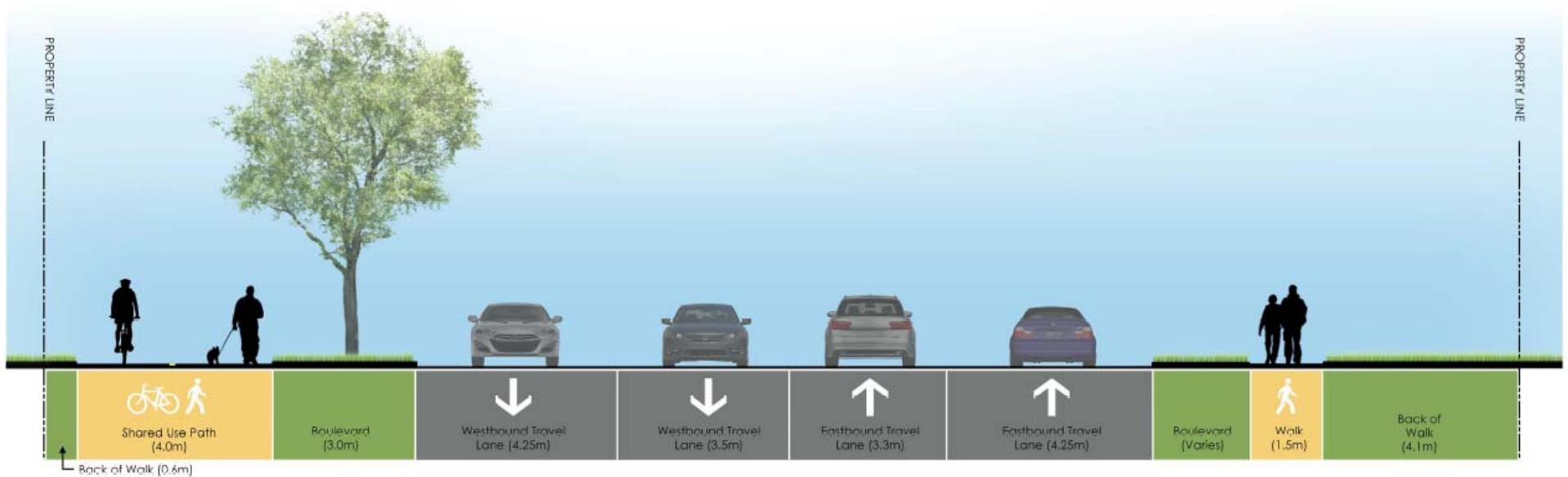


# 102 Avenue Concept



102 Avenue – east of 135 Street (Existing)

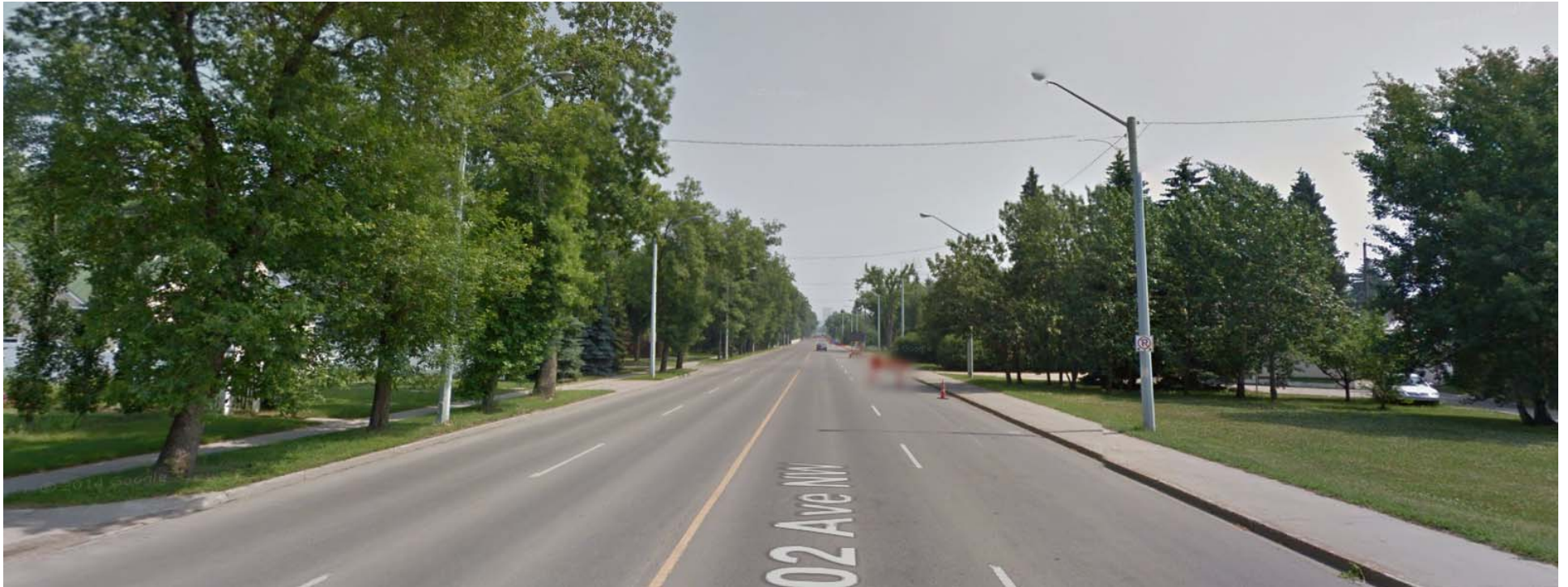
# 102 Avenue Concept



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

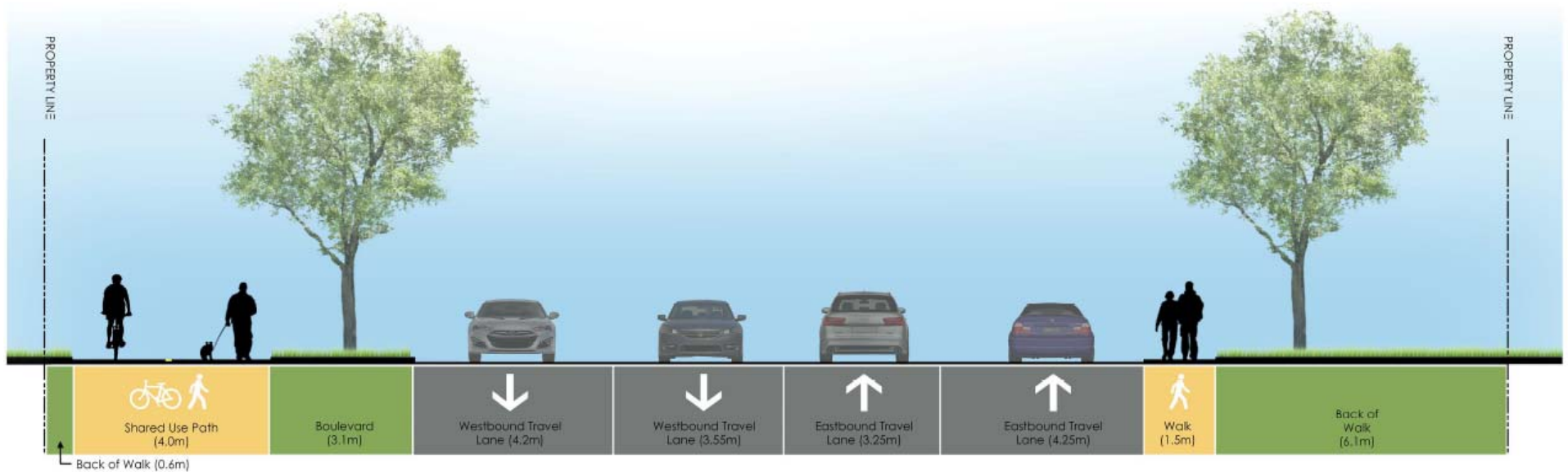


# 102 Avenue Concept



102 Avenue – west of 133 Street (Existing)

# 102 Avenue Concept



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

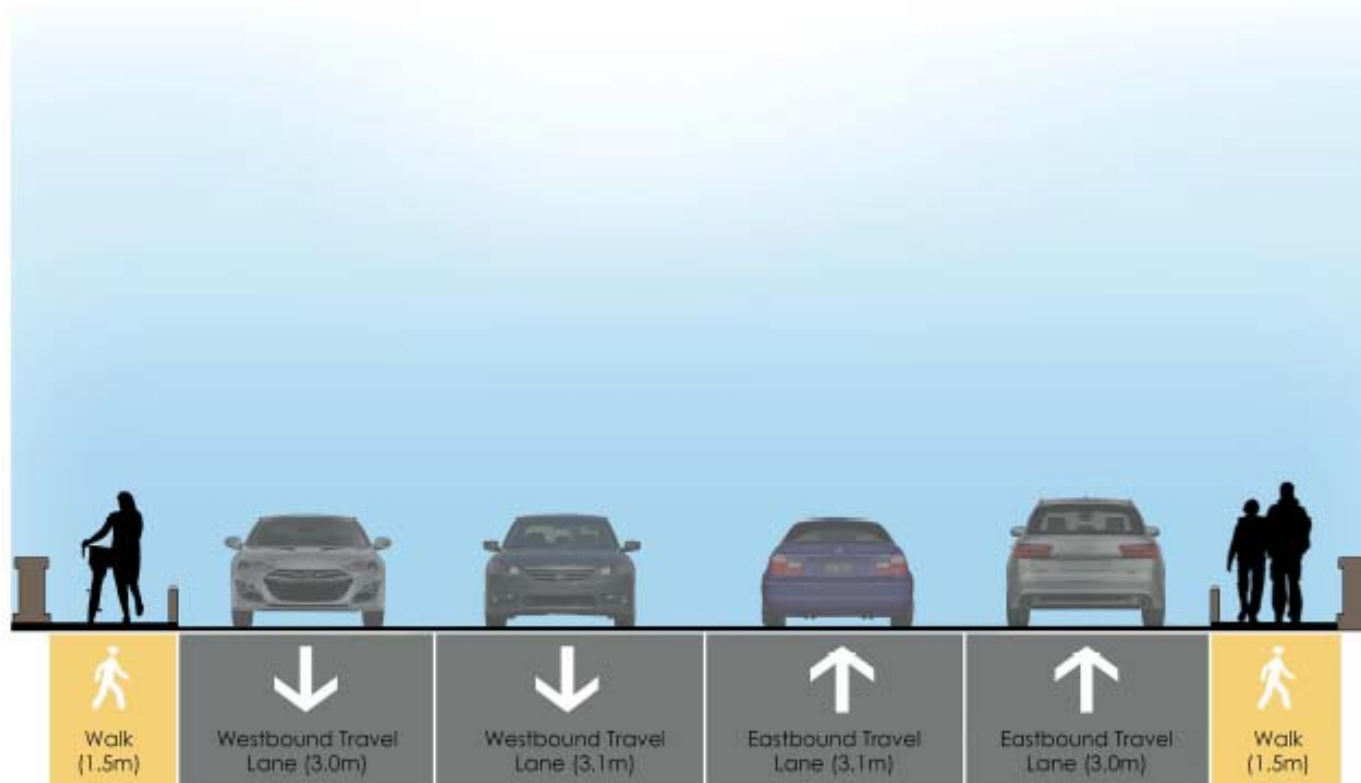


# 102 Avenue Concept



102 Avenue – Wellington Bridge (Existing)

# 102 Avenue Concept



102 Avenue – Wellington Bridge (Interim)

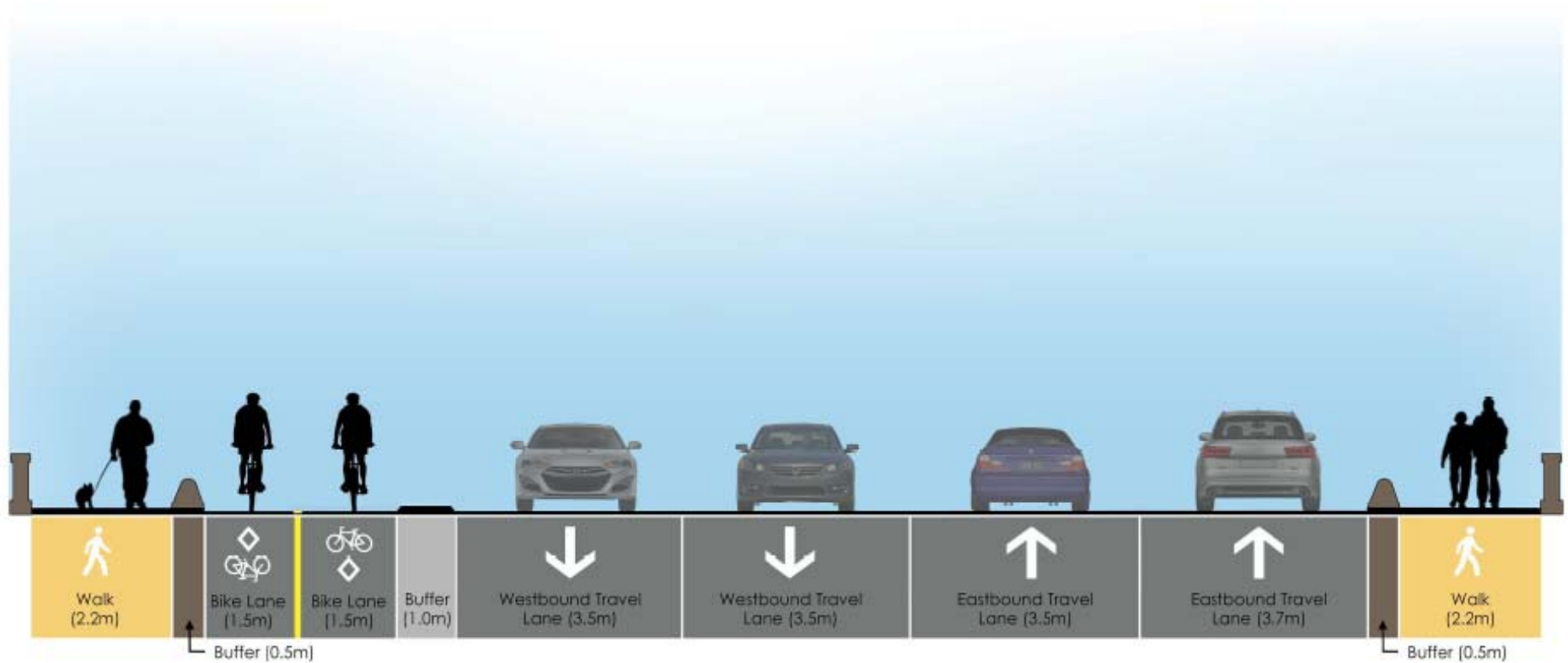


# 102 Avenue Concept



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

# 102 Avenue Concept



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

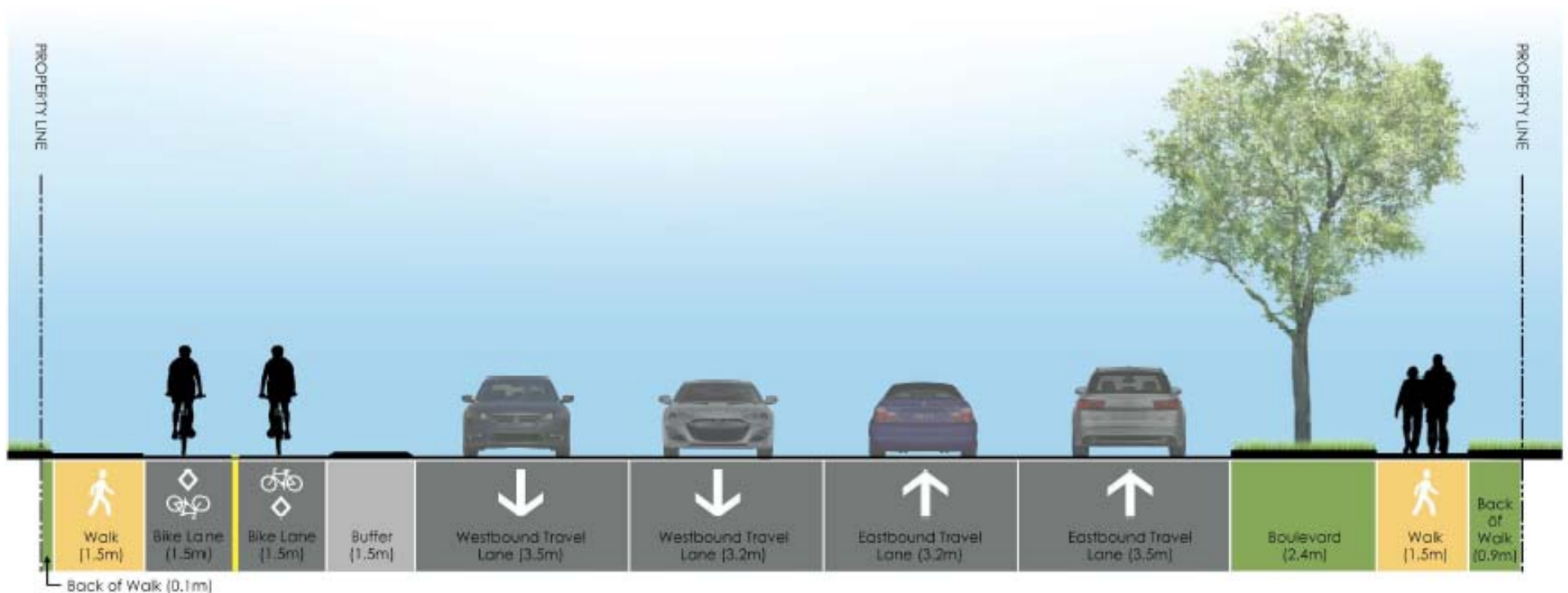


# 102 Avenue Concept



102 Avenue – east of Clifton Place (Existing)

# 102 Avenue Concept



102 Avenue – east of Clifton Place (Cycle Track)

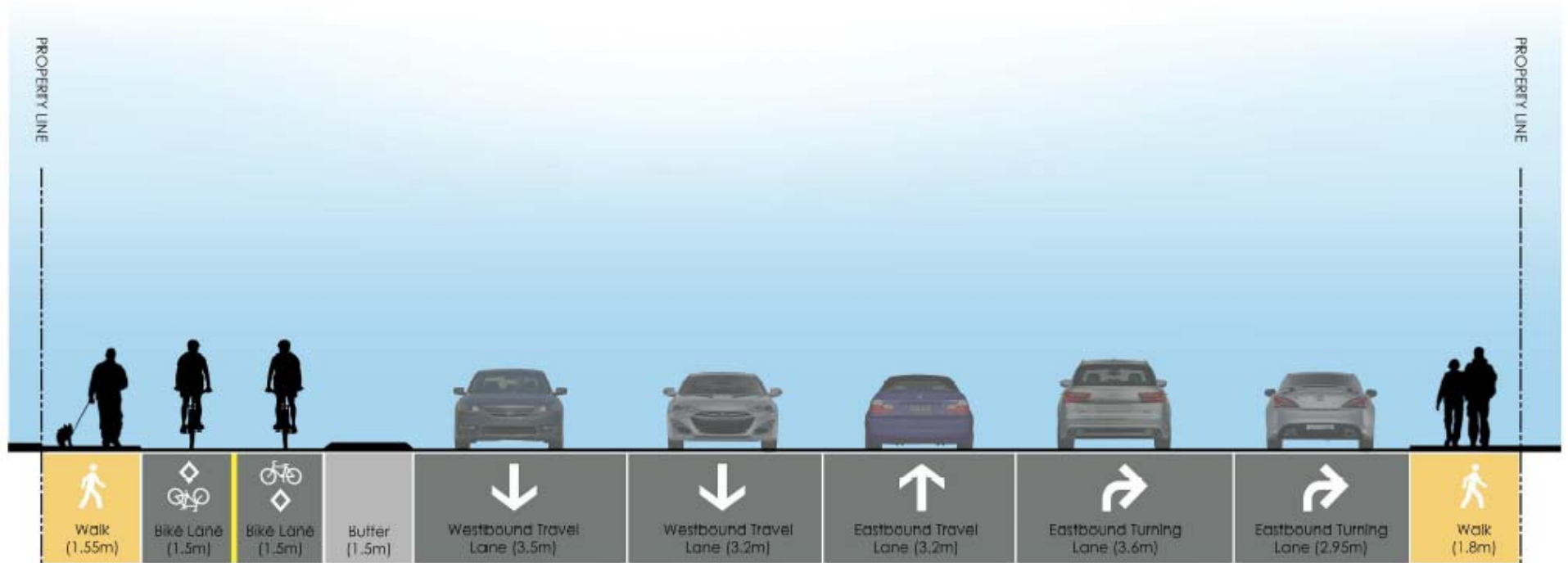


# 102 Avenue Concept



102 Avenue – west of 124 Street (Existing)

# 102 Avenue Concept



102 Avenue – west of 124 Street (Cycle Track)

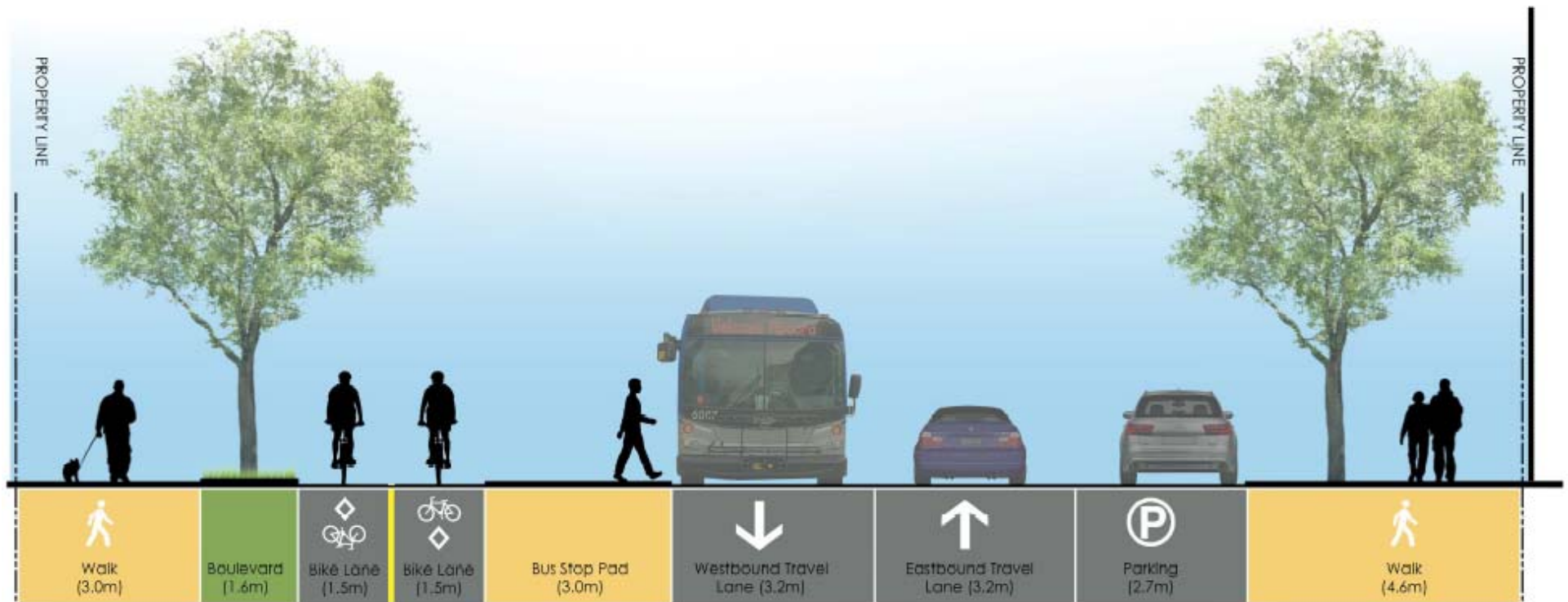
# 102 Avenue Concept



102 Avenue – east of 124 Street (Existing)



# 102 Avenue Concept



102 Avenue – east of 124 Street (Cycle Track)



# 102 Avenue Concept



102 Avenue – west of 123 Street (Existing)

# 102 Avenue Concept



102 Avenue – west of 123 Street (Cycle Track)



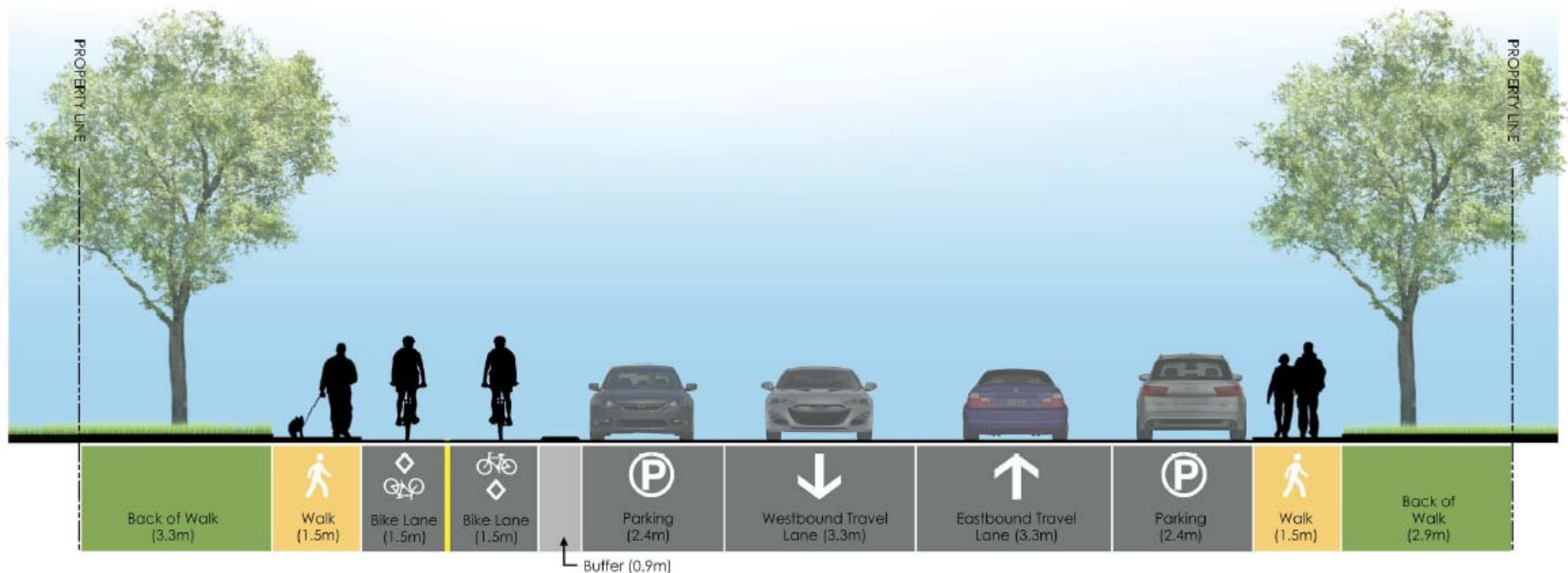
# 102 Avenue Concept



102 Avenue – east of 123 Street (Existing)



# 102 Avenue Concept



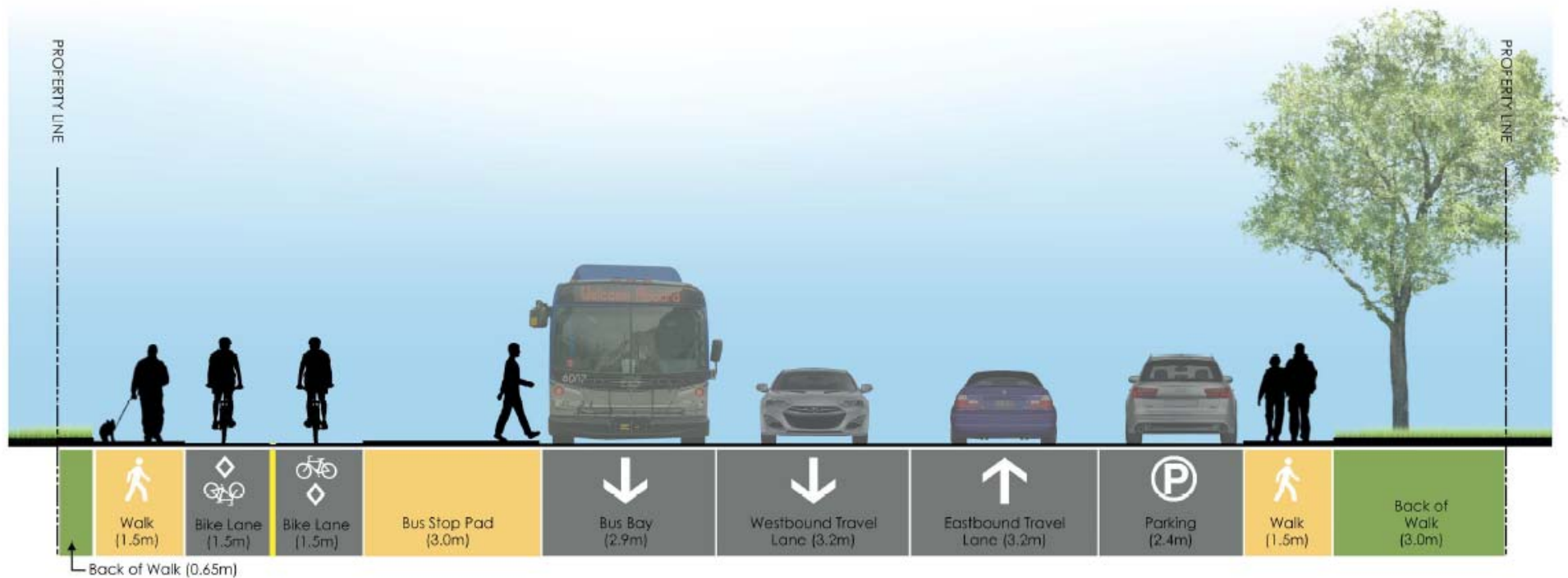
102 Avenue – east of 123 Street (Cycle Track)

# 102 Avenue Concept



102 Avenue – west of 122 Street (Existing)

# 102 Avenue Concept



102 Avenue – east of 123 Street (Cycle Track)

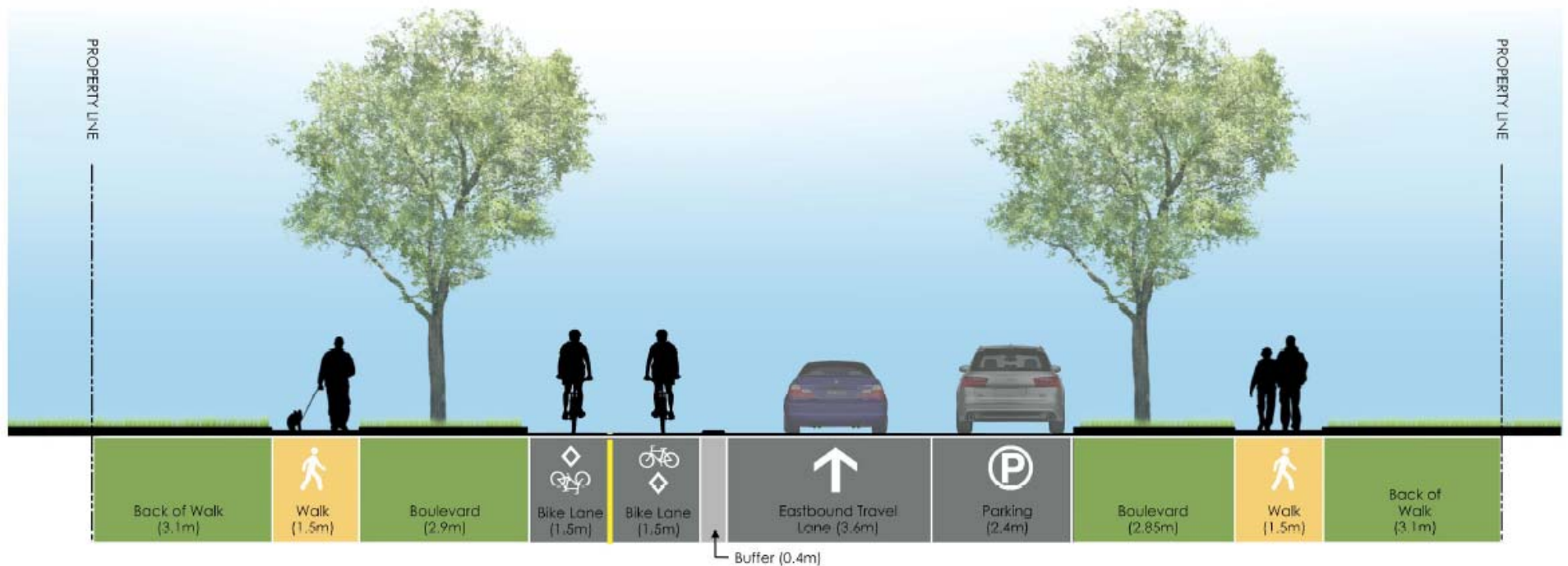


# 102 Avenue Concept



102 Avenue – east of 121 Street (Existing)

# 102 Avenue Concept



102 Avenue – east of 121 Street (Cycle Track)



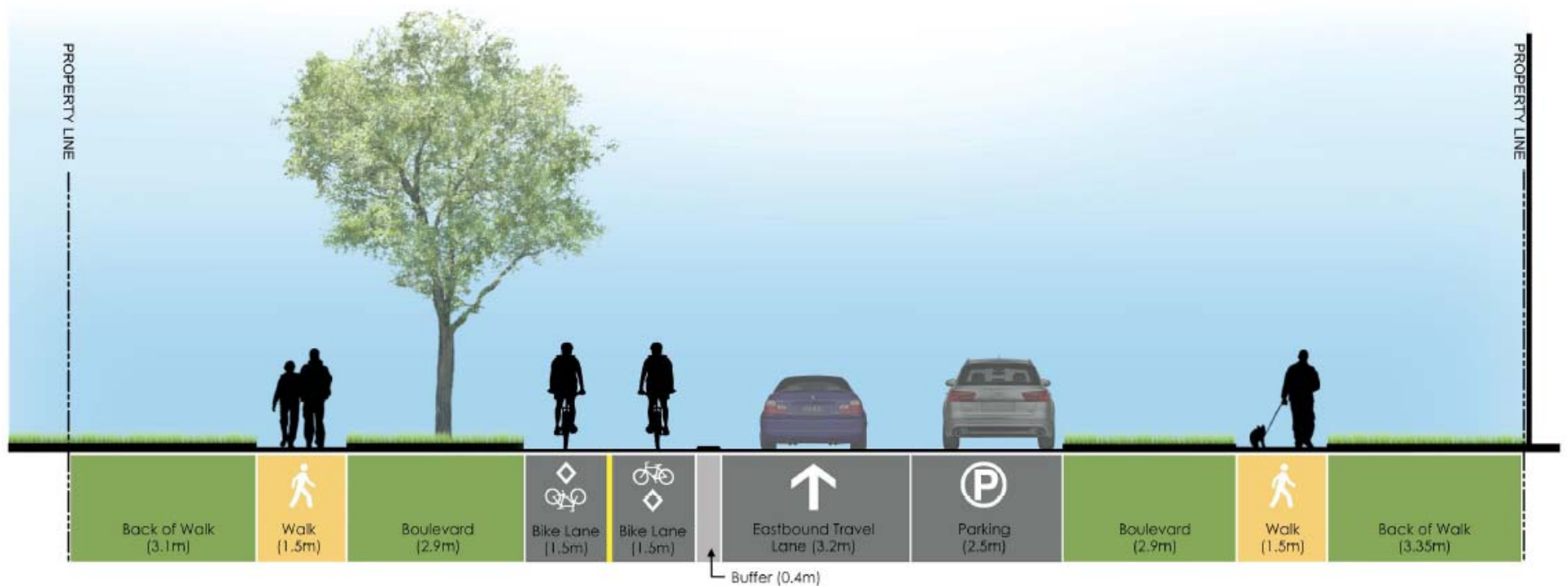
# 102 Avenue Concept



102 Avenue – east of 112 Street (Existing)



# 102 Avenue Concept



102 Avenue – east of 112 Street (Cycle Track)

# 102 Avenue Bike Route

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