



What the B*ke is Going On?

Major Bike Routes - 83 Avenue
Workshop
April 23, 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

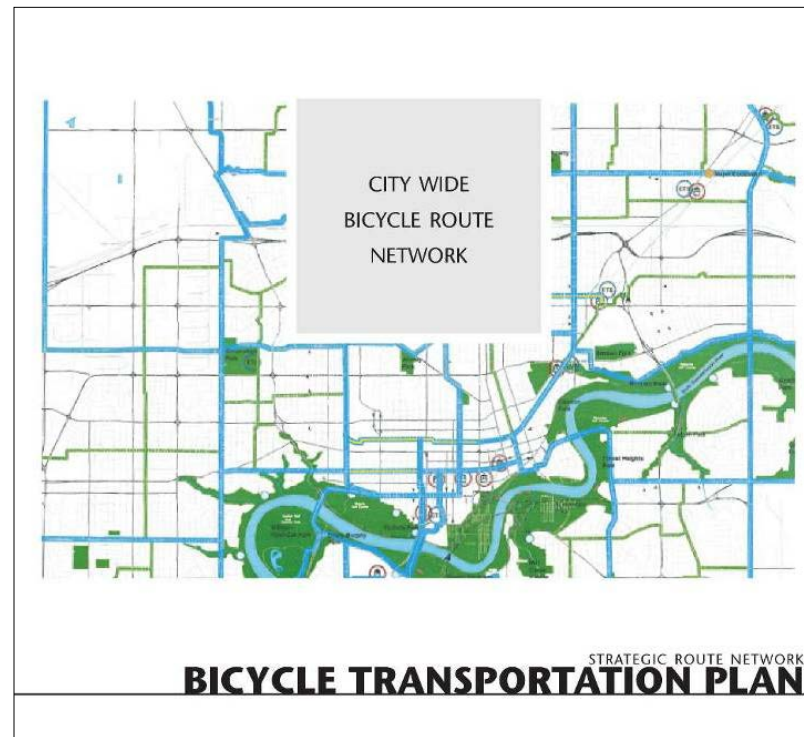
- Preference for a continuous, safe, and separated cycle track treatment
 - Physical separation
 - More maintainable
 - Suitable for riders of all skill levels
- Some stakeholder groups and residents preferred the bike boulevard option
 - Retains parking
 - Calms traffic
 - Increases the livability of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

What We Heard: 83 Avenue

- Both treatments considered an improvement
 - Stakeholder groups - blended treatment
 - Workshops and online surveys - cycle track
- Winter maintenance
 - Important to clear to high standard
- Concerns
 - Potential loss of resident parking, patient drop-off zones, and commercial loading
- Added signal at 109 Street and 83 Avenue was supported and appreciated

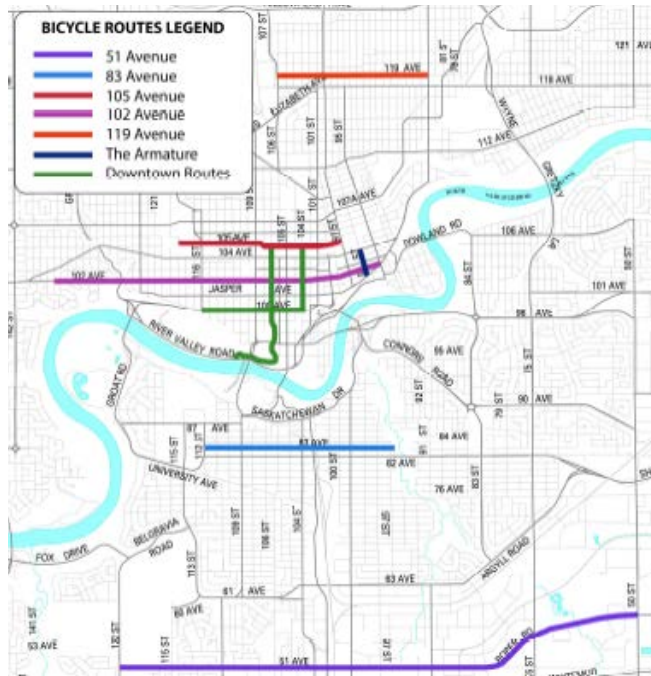
How we started: Mandate

Council approved in 2009

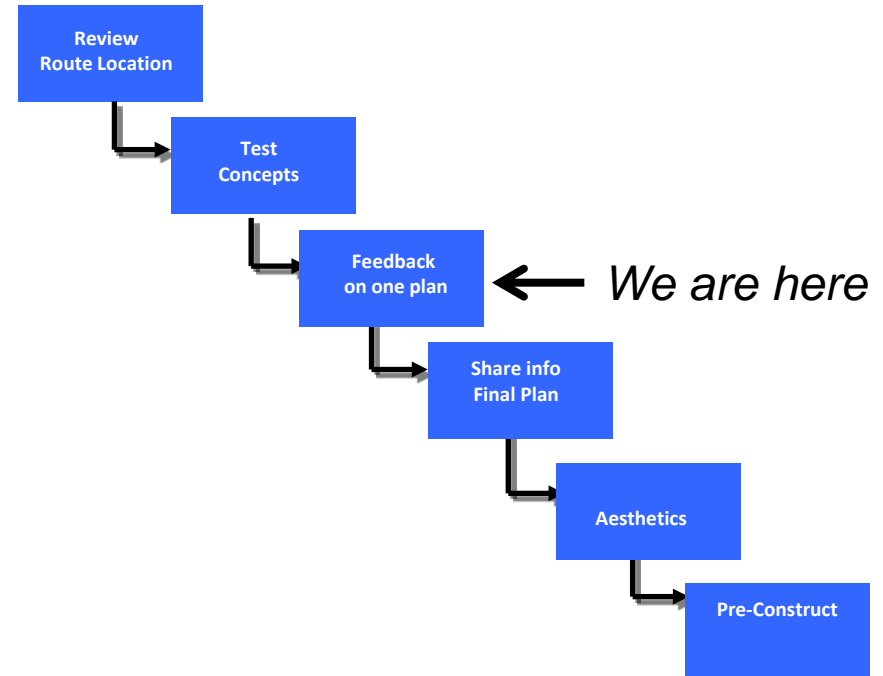


Council Direction (June 2014)

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

- 81 Avenue
- 82 Avenue
- 83 Avenue
- 84 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 criteria 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

83 Avenue Route:

- 111 Street to 99 Street:
 - Bicycle boulevard score of 33.0
 - Cycle track** score of **38.7**
- 99 Street to 95A Street:
 - Bicycle boulevard** score of **37.3**
 - Cycle track score of 32.4

Definition: Cycle Track

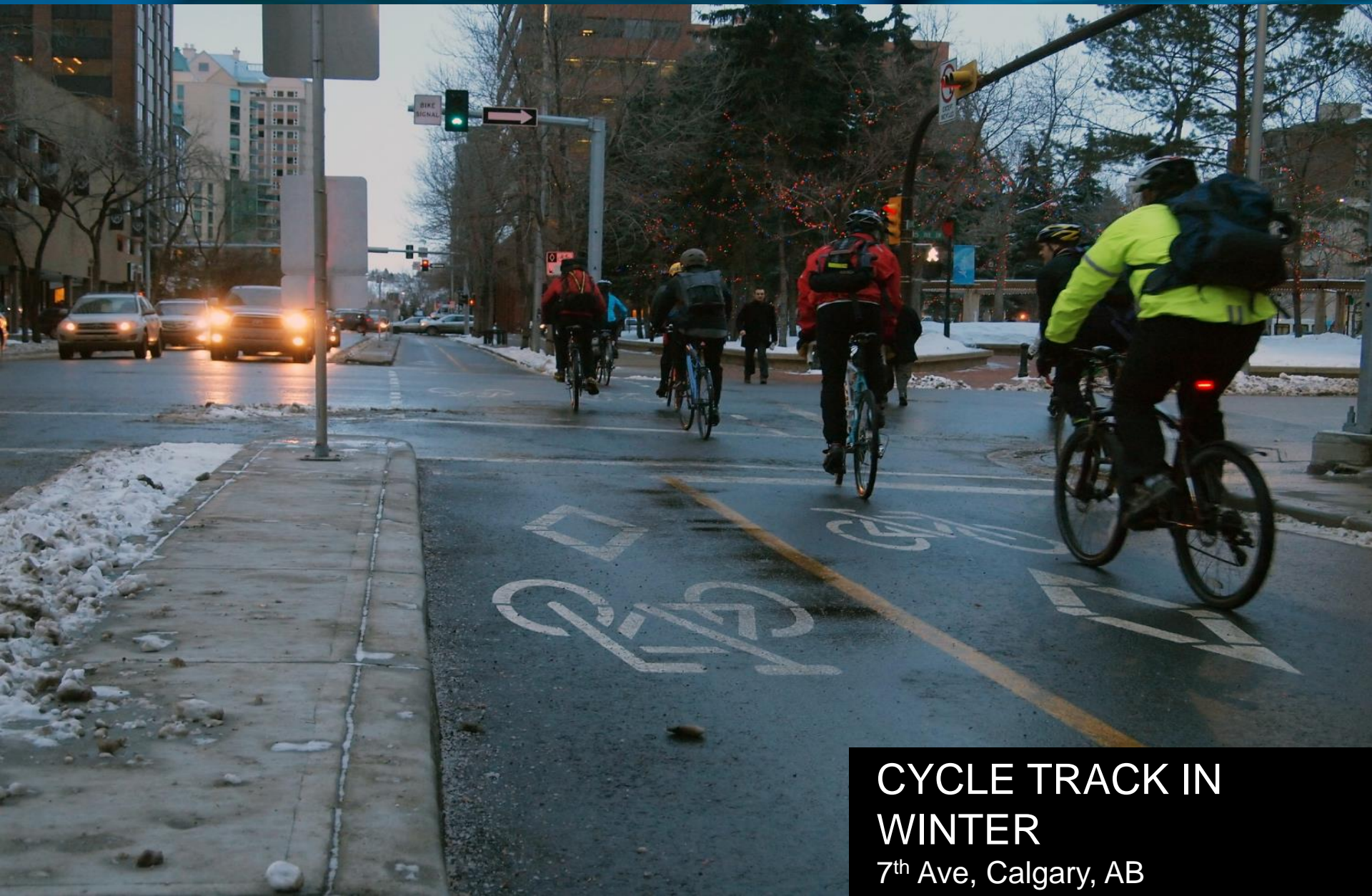


A cycle track, otherwise known as a protected bike lane is:

- a bike lane that is physically separated from motor vehicle traffic, parked cars and sidewalks.
- minimizes conflicts between cyclists, pedestrians and drivers.

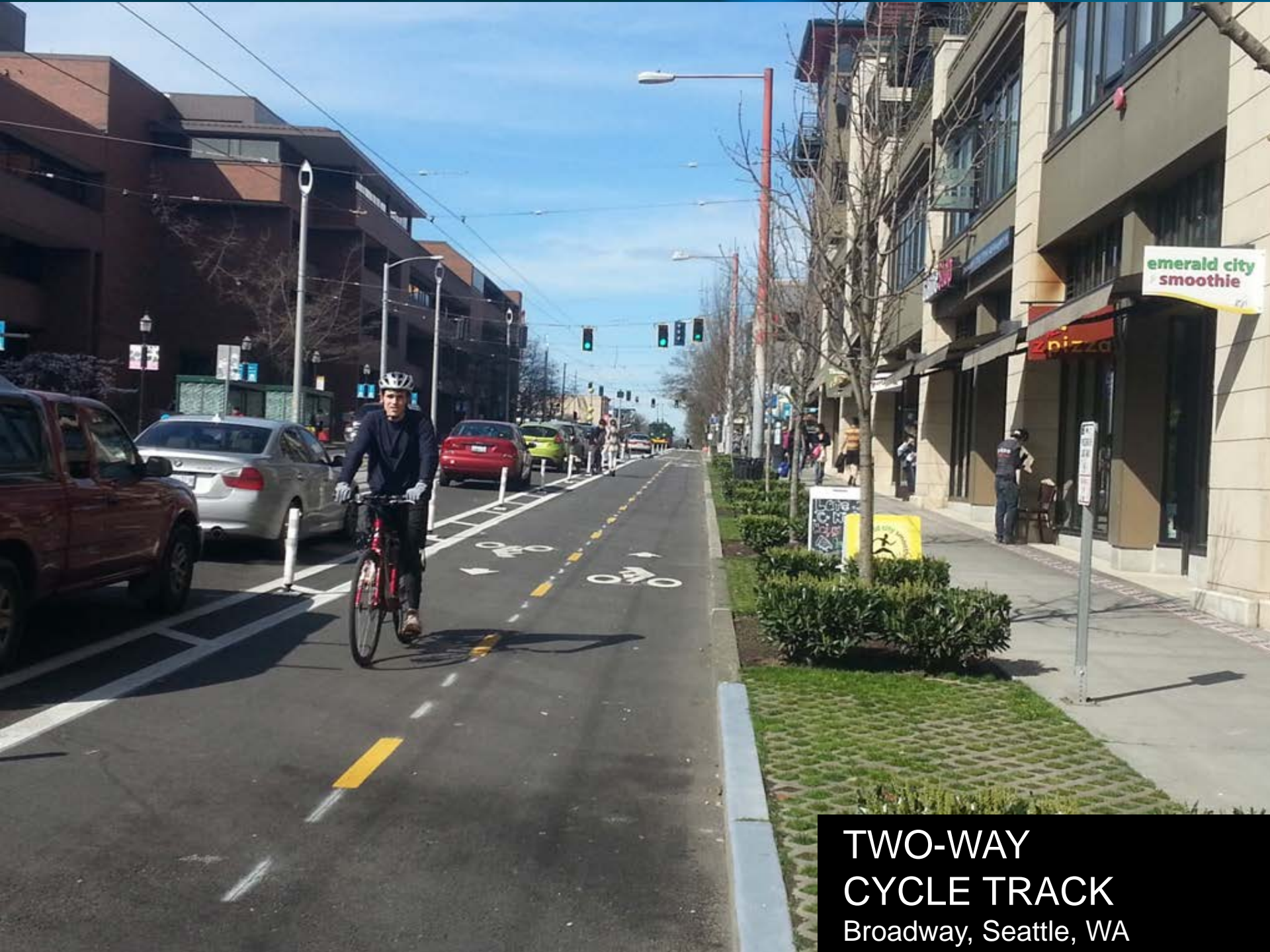


TWO-WAY
CYCLE TRACK
7th Ave, Calgary, AB



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



Definition: Bike Boulevard

Shared road space that gives priority to cyclists and pedestrians:

- allows for all traffic but maintains low traffic speeds and volumes through road modifications to discourage cut-through traffic
- create an inviting, safe and attractive community space



Traffic calming measures



BICYCLE BOULEVARD – ONE-WAY FOR MOTOR VEHICLES

Edmonton, AB



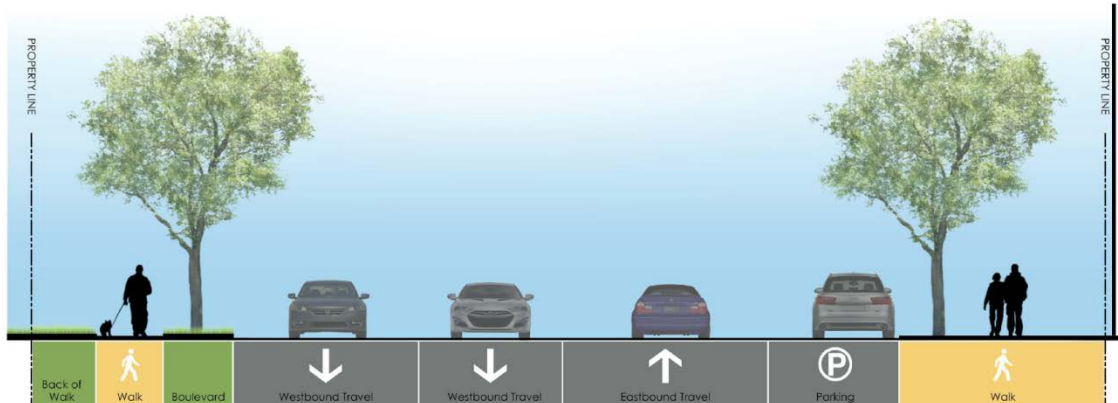
What's a cross-section?

Includes:

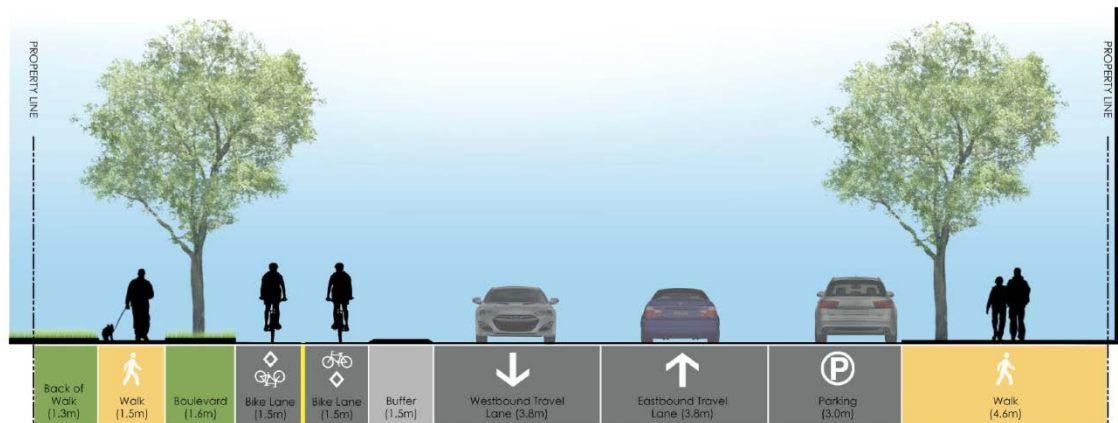
- Road width
- Parking
- Trees
- Sidewalk
- Curbs
- Driving lanes
- Space for bikes



What does it show us?



Existing



Potential

83 Avenue Concept

- Route modified to end at 111 Street
 - Tie into north/south routes on 110 Street and 111 Street
 - Connect to the University area and to the south.

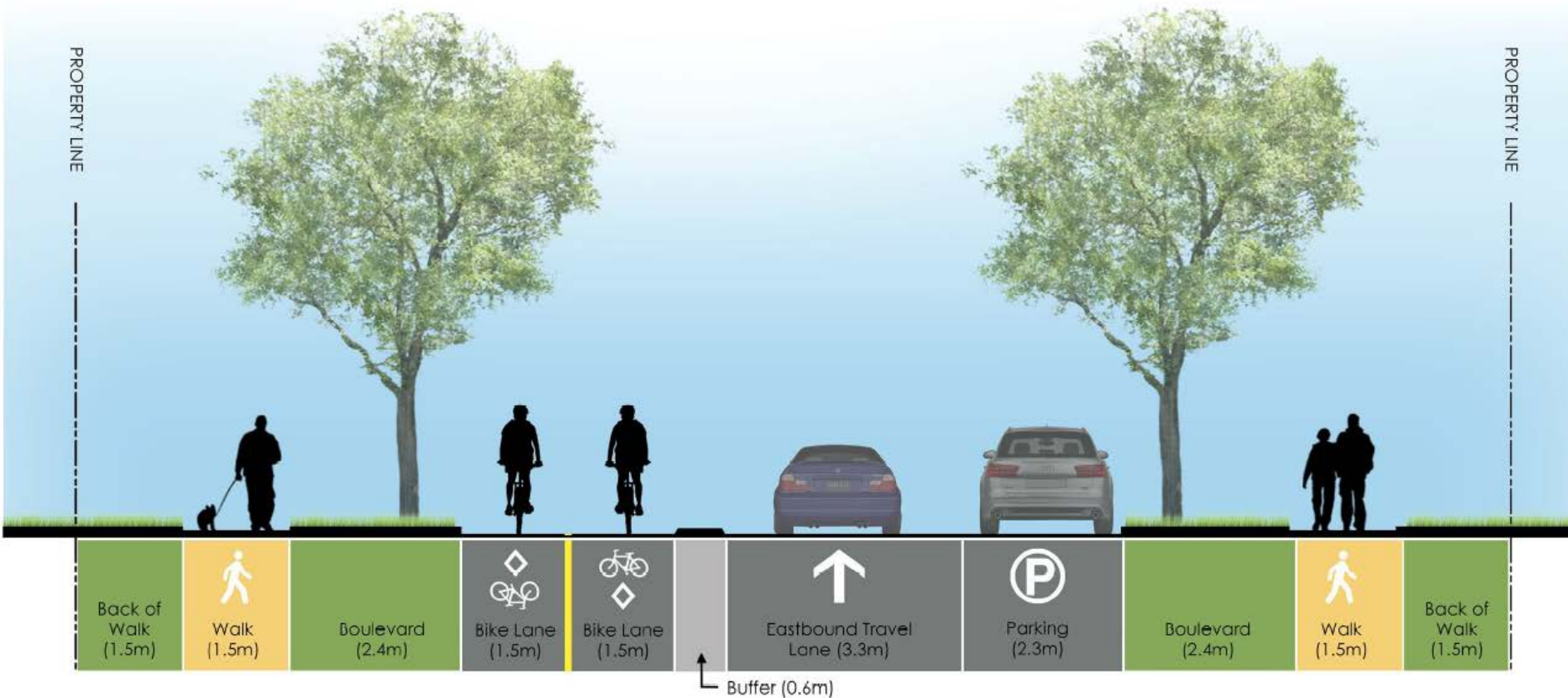


83 Avenue Concept



83 Avenue – east of 111 Street (Existing)

83 Avenue Concept



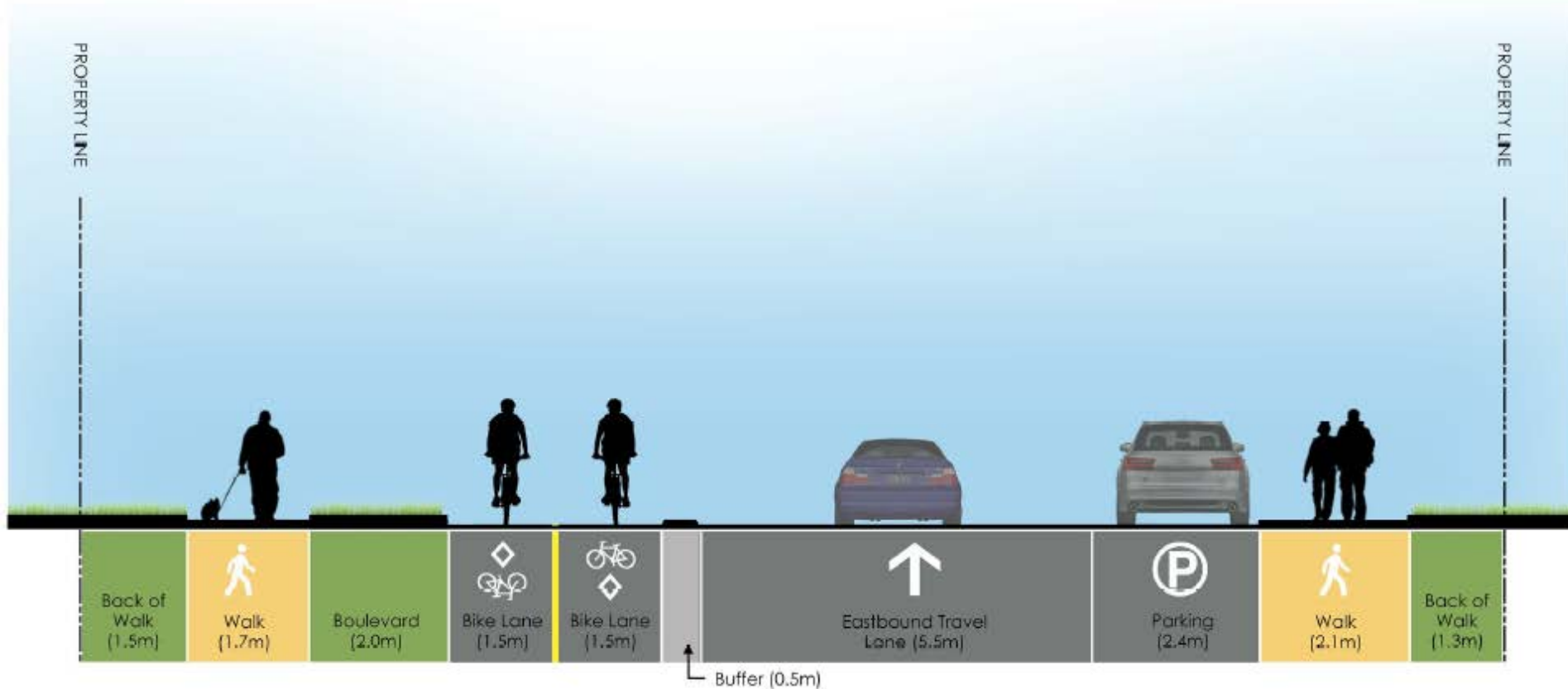
83 Avenue – east of 111 Street (Cycle Track)

83 Avenue Concept



83 Avenue – west of 109 Street (Existing)

83 Avenue Concept



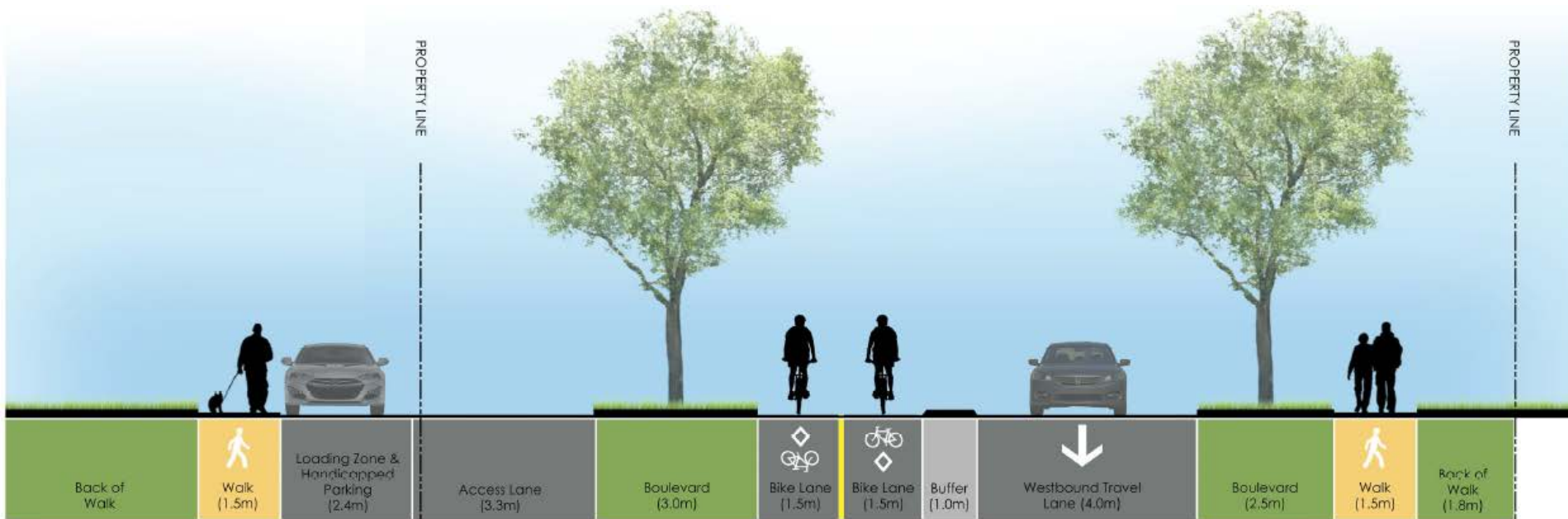
83 Avenue – west of 109 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 109 Street (Existing)

83 Avenue Concept



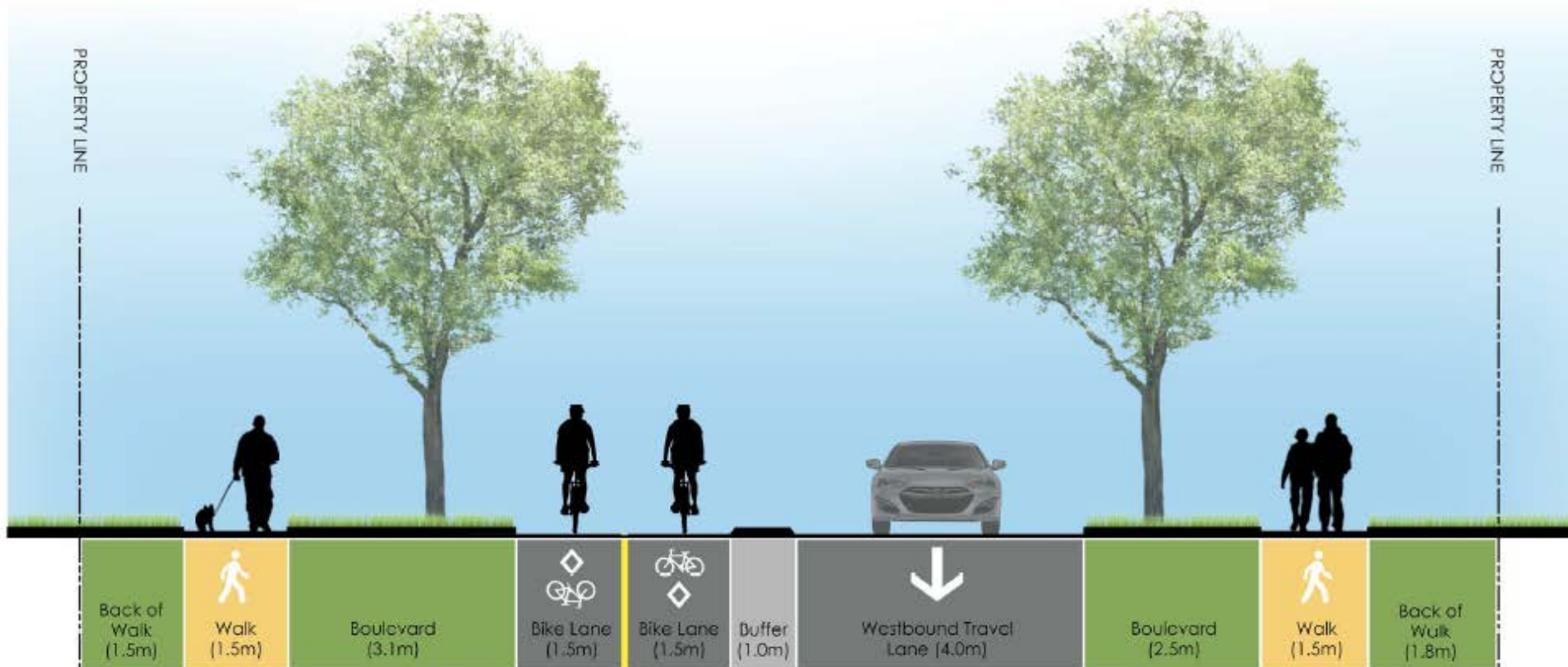
83 Avenue – east of 109 Street (Cycle Track)

83 Avenue Concept



83 Avenue – west of 108 Street (Existing)

83 Avenue Concept



83 Avenue – west of 108 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 108 Street (Existing)

83 Avenue Concept



83 Avenue – east of 108 Street (Cycle Track)

Option – Vehicle Drop-offs



83 Avenue – east of 107 Street (Existing)

Option – Vehicle Drop-offs



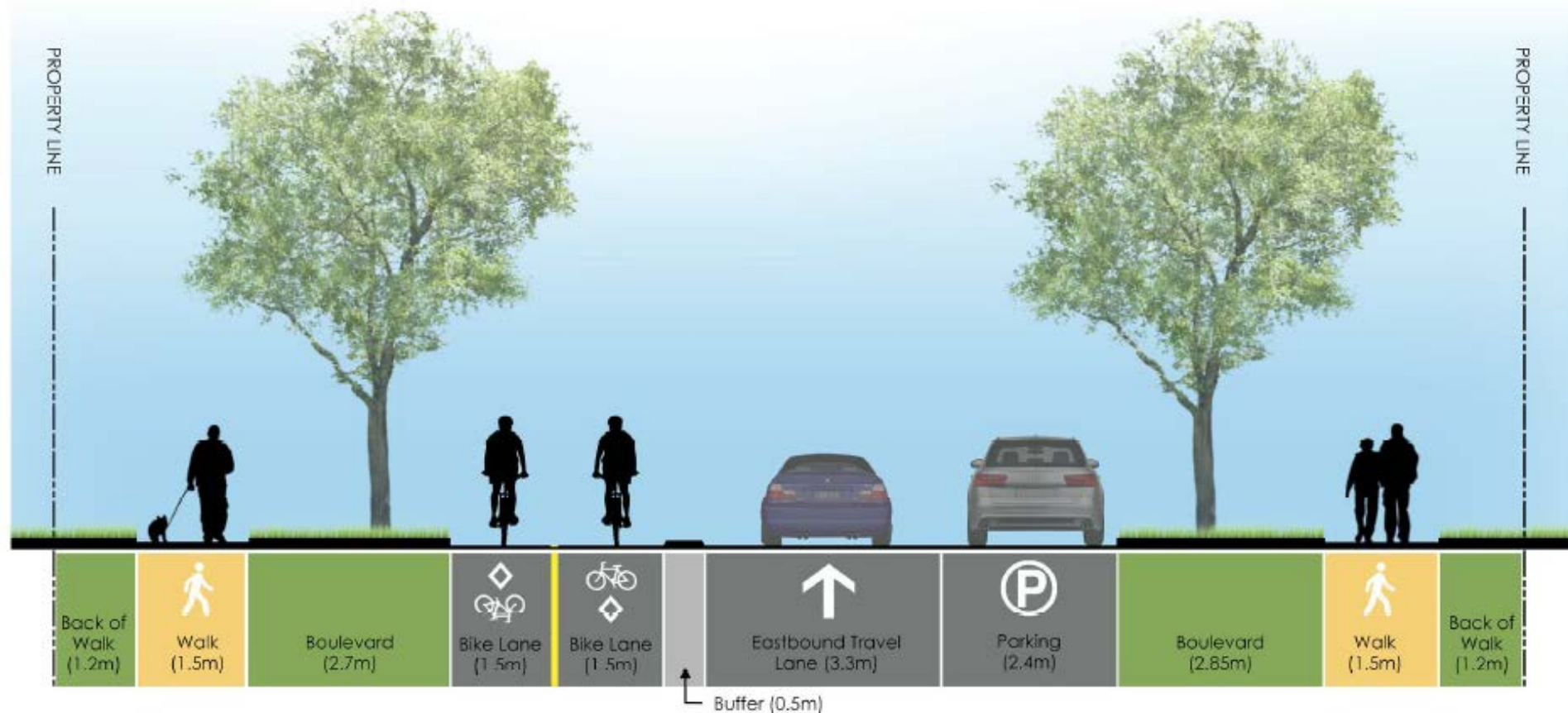
83 Avenue – east of 107 Street (potential vehicle drop-off)

83 Avenue Concept



83 Avenue – east of 106 Street (Existing)

83 Avenue Concept



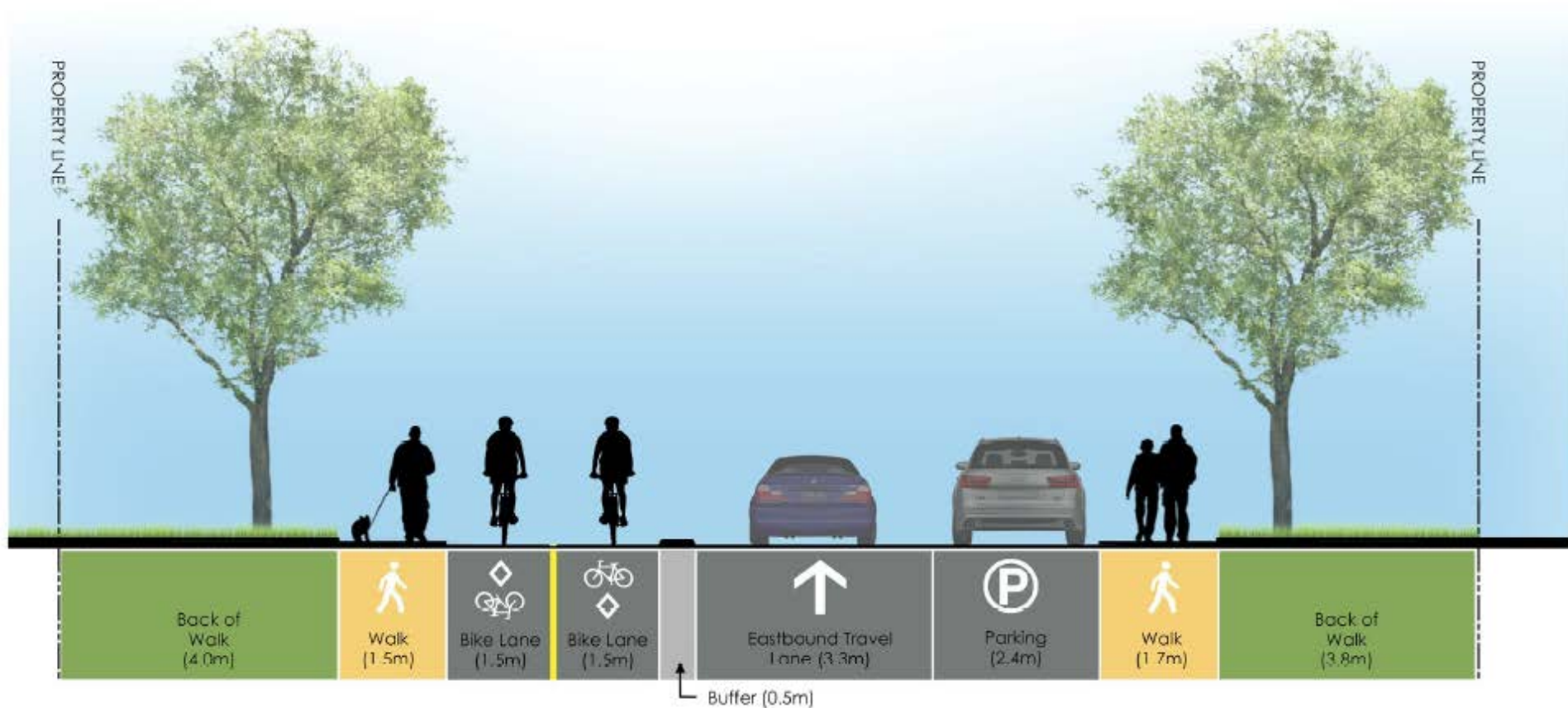
83 Avenue – east of 106 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 105 Street (Existing)

83 Avenue Concept



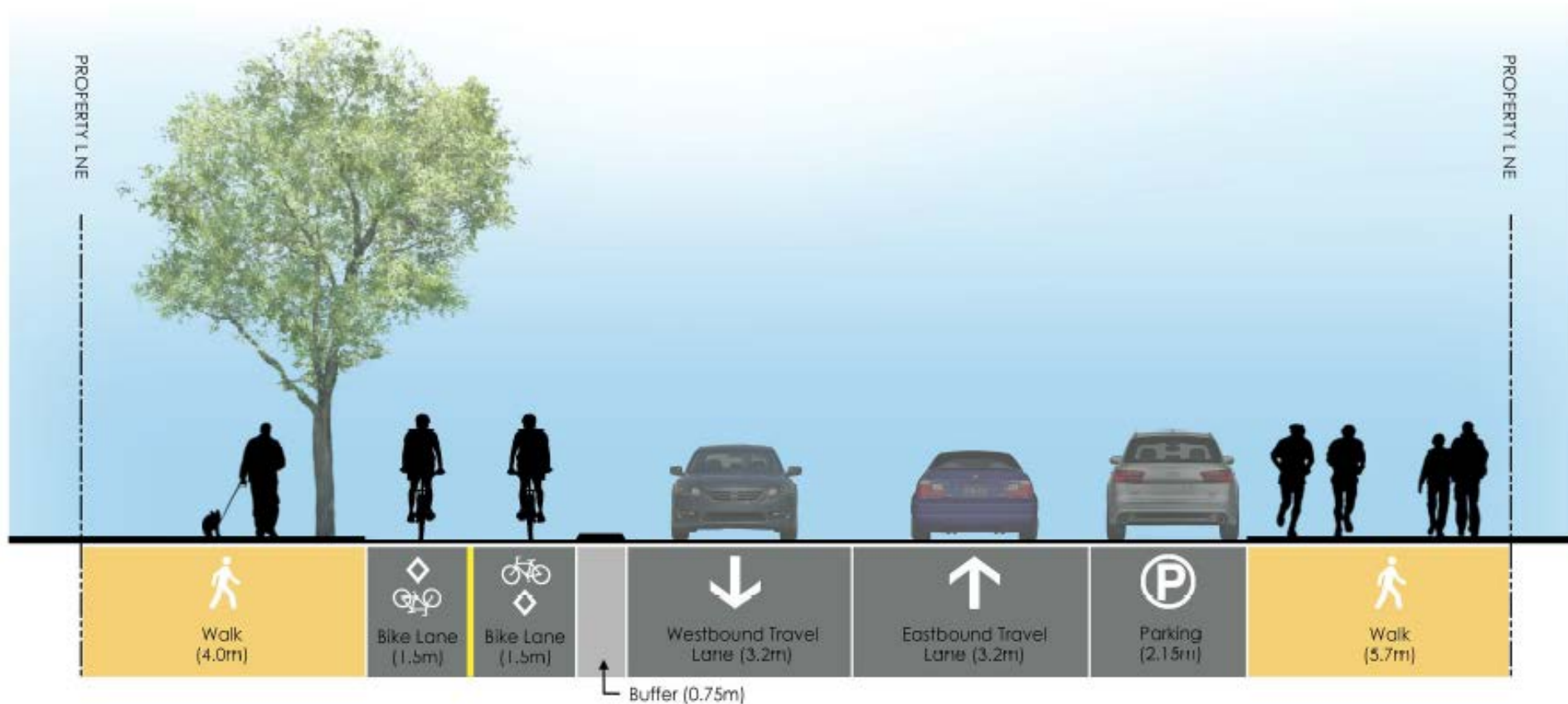
83 Avenue – east of 105 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 104 Street (Existing)

83 Avenue Concept



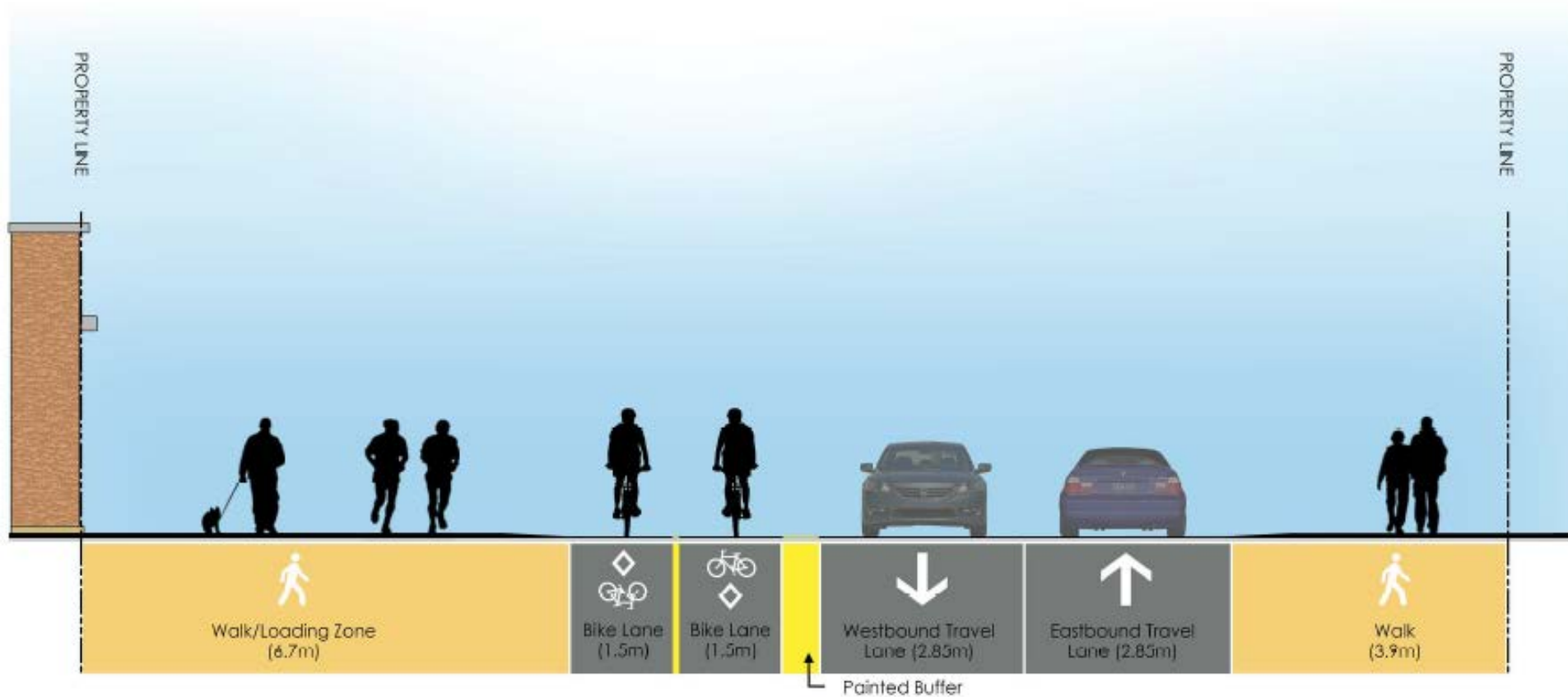
83 Avenue – east of 104 Street (Cycle Track)

83 Avenue Concept



83 Avenue – west of Gateway Boulevard (Existing)

83 Avenue Concept



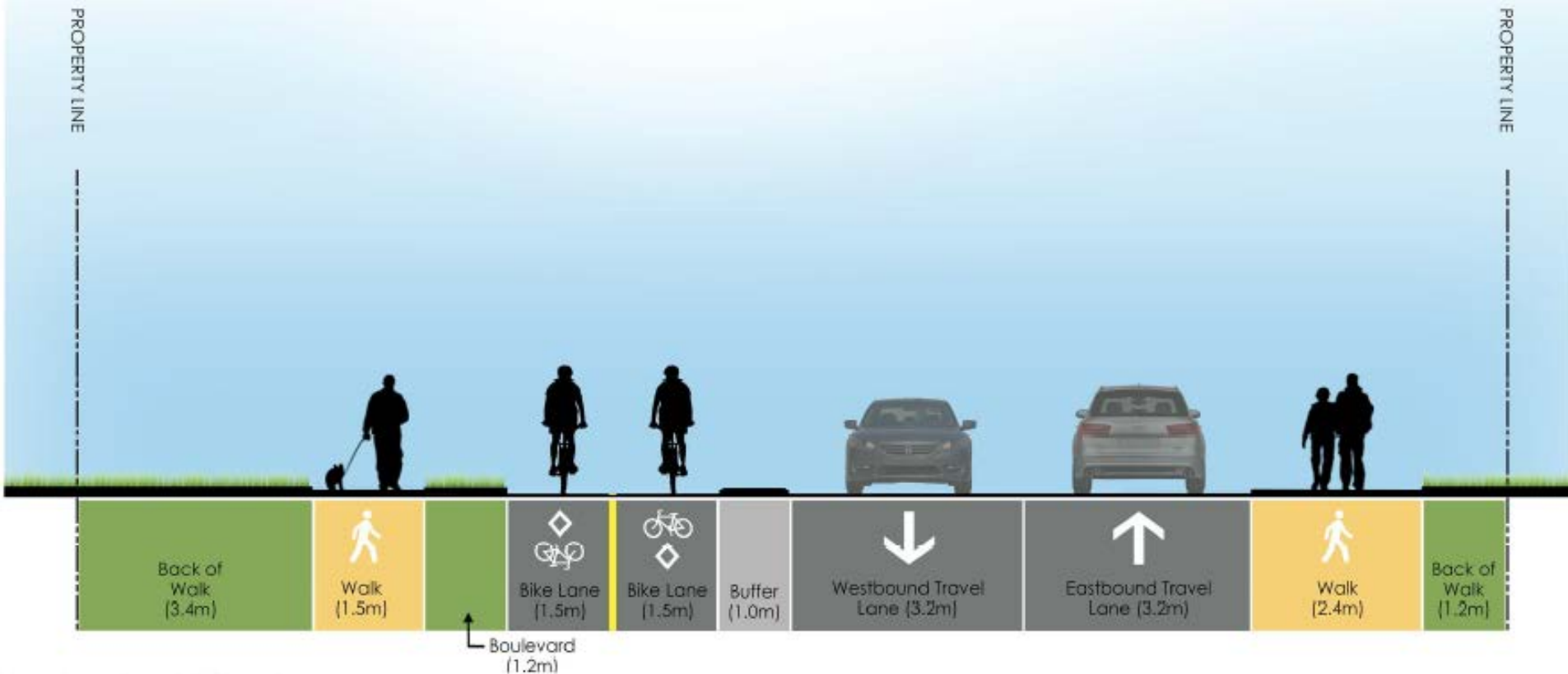
83 Avenue – west of Gateway Boulevard (Cycle Track)

83 Avenue Concept



83 Avenue – east of Gateway Boulevard (Existing)

83 Avenue Concept



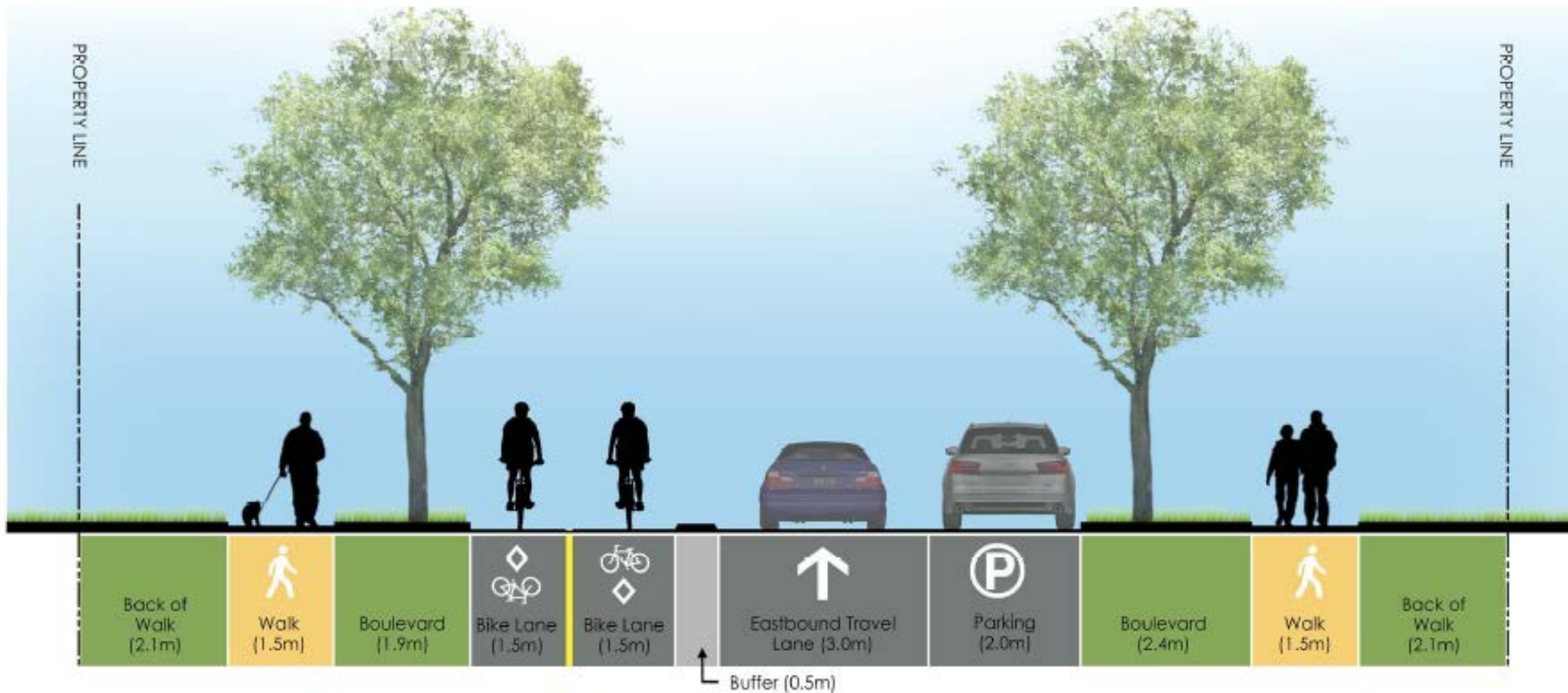
83 Avenue – east of Gateway Boulevard (Cycle Track)

83 Avenue Concept



83 Avenue – east of 102 Street (Existing)

83 Avenue Concept



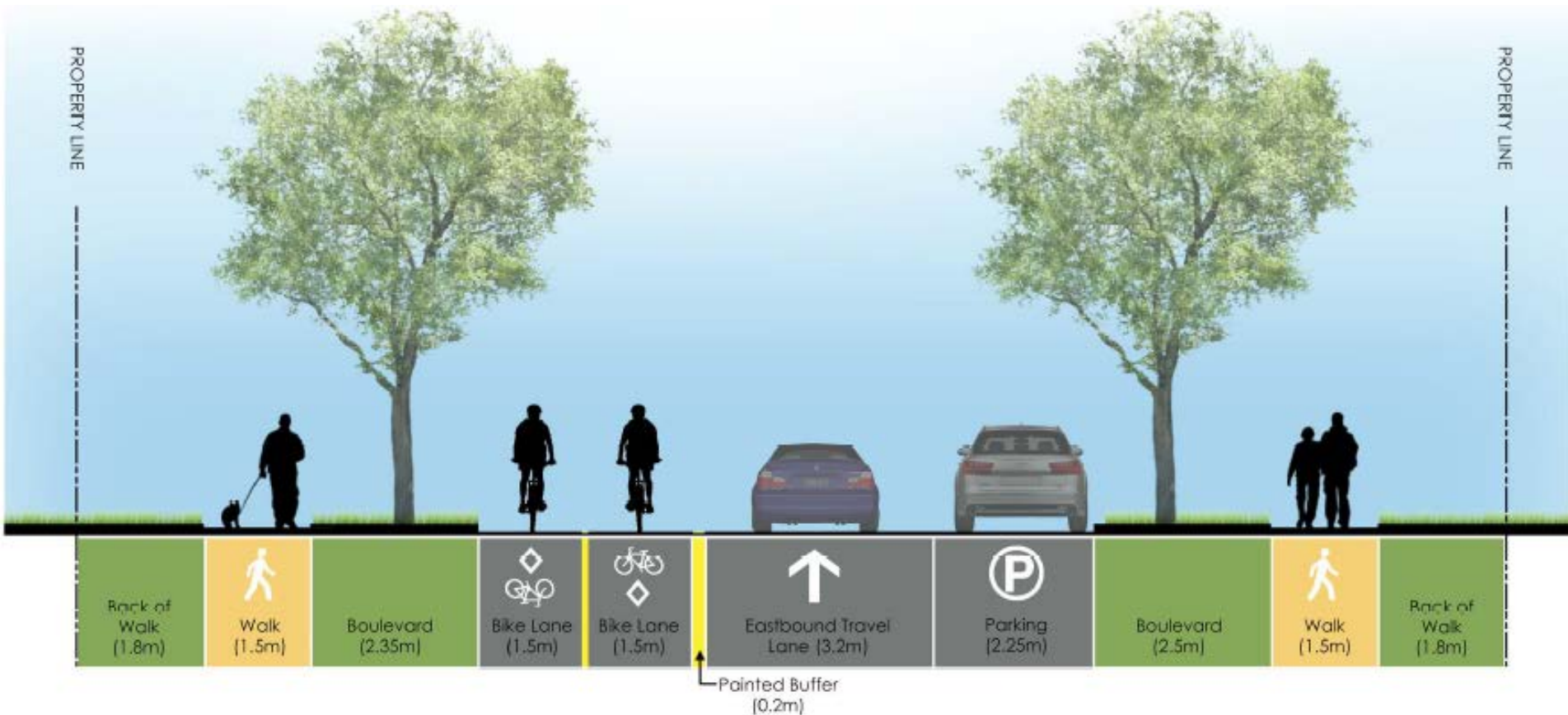
83 Avenue – east of 102 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 100 Street (Existing)

83 Avenue Concept



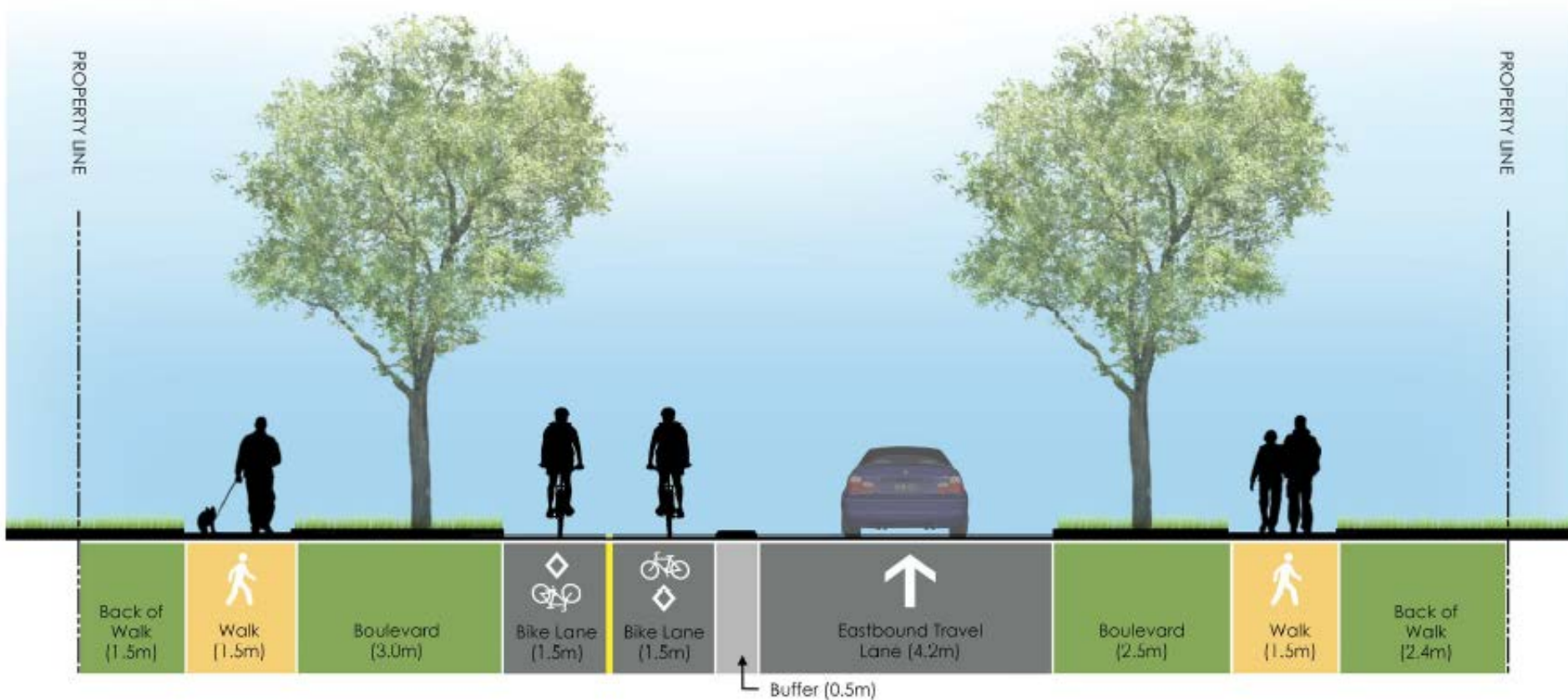
83 Avenue – east of 100 Street (Cycle Track)

83 Avenue Concept



83 Avenue – east of 99 Street (Transition Cycle Track to Bicycle Boulevard)

83 Avenue Concept



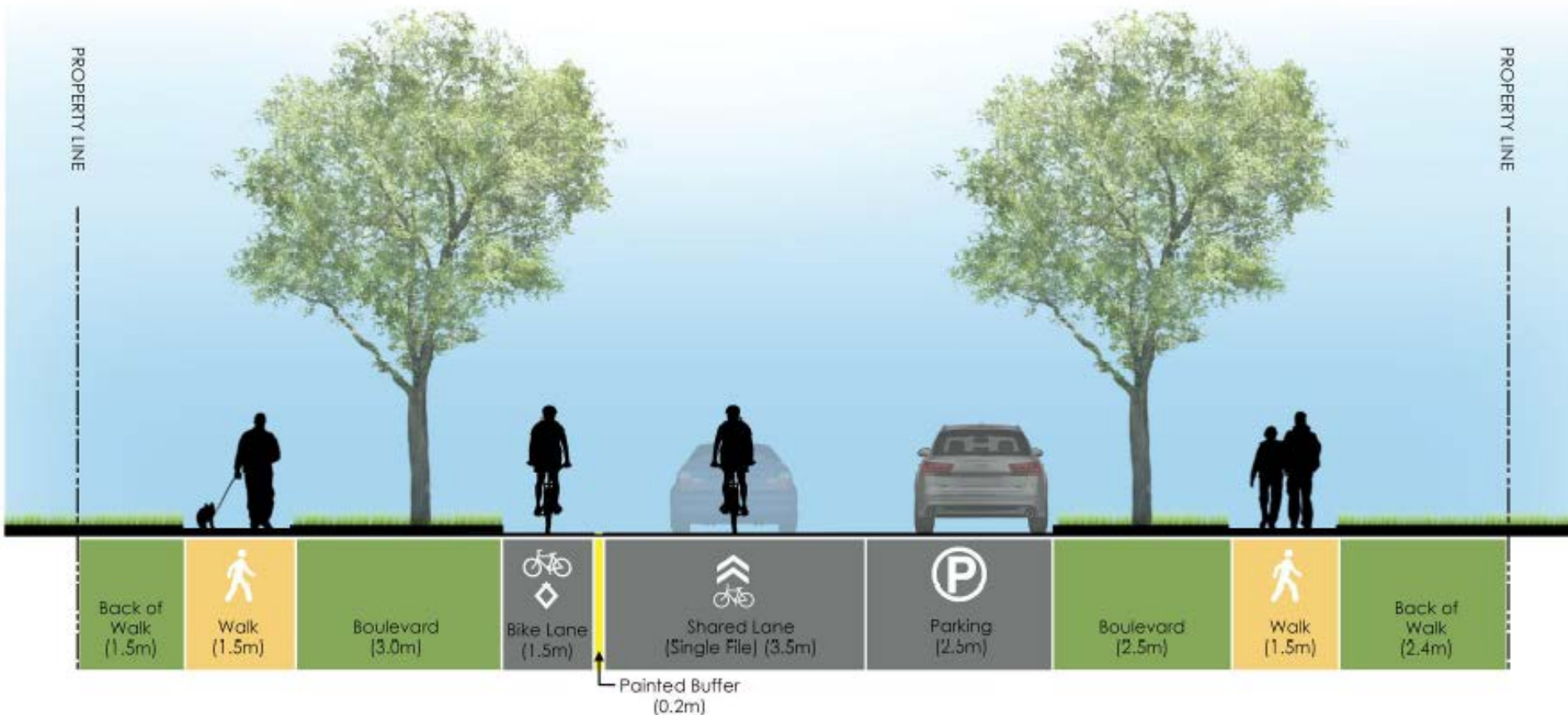
83 Avenue – east of 99 Street (Transition Cycle Track to Bicycle Boulevard)

83 Avenue Concept



83 Avenue – east of 99 Street (Existing)

83 Avenue Concept



83 Avenue – east of 99 Street (Bicycle Boulevard)

83 Avenue Concept

83 Avenue –
east of 96 Street
(Shared-use path)



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