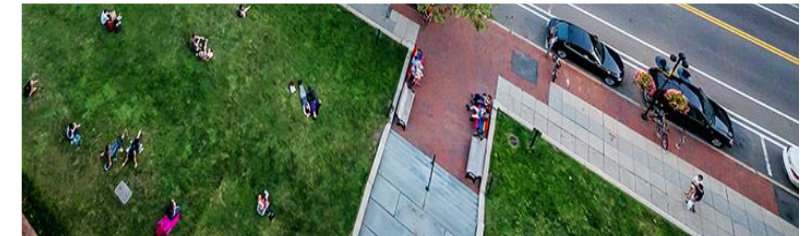


City of Cambridge
Community Development Department

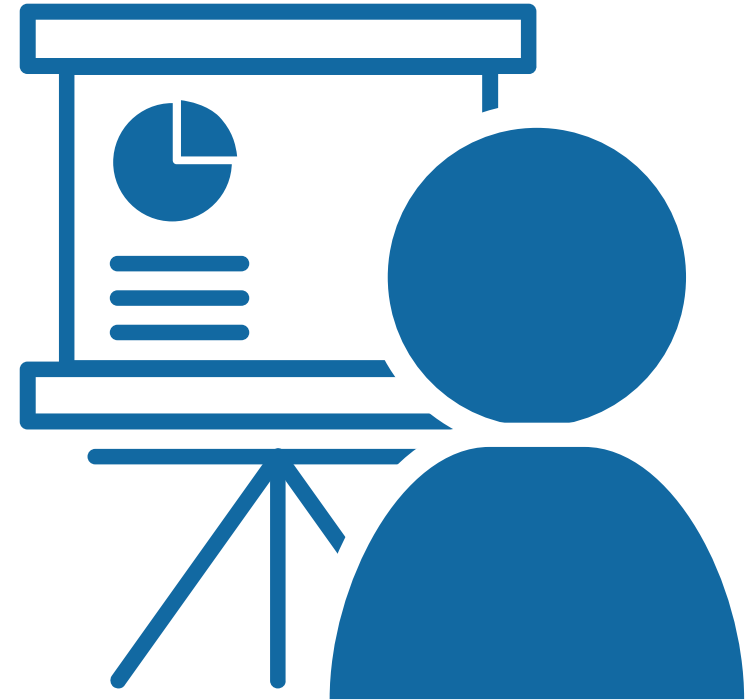
Pedestrian Committee Meeting

April 29, 2021



Meeting Agenda

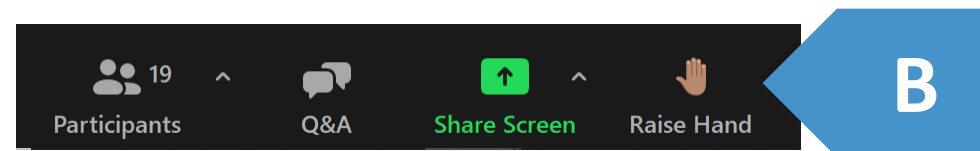
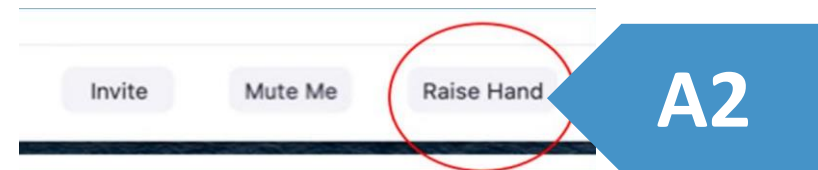
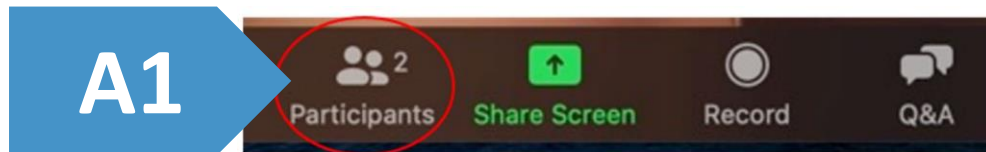
1. Zoom meeting protocols, minutes
2. Broadway/Third/Main Redesign
3. Street Lighting
4. National Issues/MUTCD
5. City Updates
6. Public Comment
7. Other Announcements



Minute taker: Erica Seidel

Committee Member Instructions

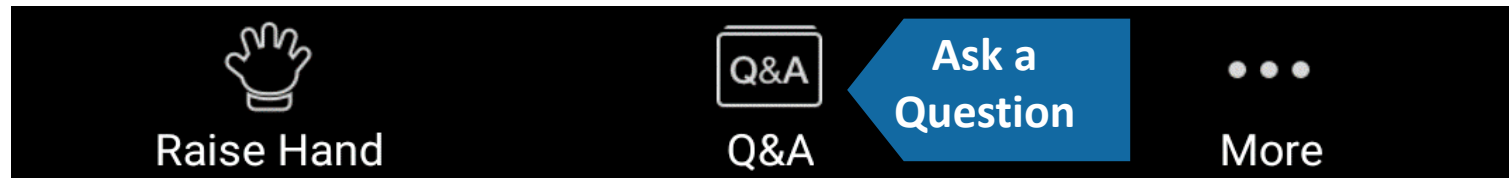
- Committee members may speak and show webcam video
- Use "Raise Hand" button to help manage discussion
 - Located at the bottom of the Participants panel (See A1-2 below) OR at the bottom of the screen (see B below)
 - *9 to Raise Hand by phone
- Please stay muted unless speaking
 - *6 to mute/unmute by phone



Public Comment Instructions

- Members of the public are muted and cannot show webcam video
- Public can write questions or ask for assistance in Q&A window at any time
 - Questions may be submitted at any time and will be addressed as time allows, during discussion/comment periods
- During the Public Comment period, use the "Raise Hand" button to signal you have a question/comment. A staff member will then enable you to unmute yourself.
 - *9 to Raise Hand by phone
 - *6 to Mute/Unmute by phone
- Please be respectful! Participants will be removed for inappropriate behavior

Bottom Panel of
Zoom Screen





Minutes



Broadway/Third/Main Redesign



CAMBRIDGE
REDEVELOPMENT
AUTHORITY

Kendall Square Urban Redevelopment Plan

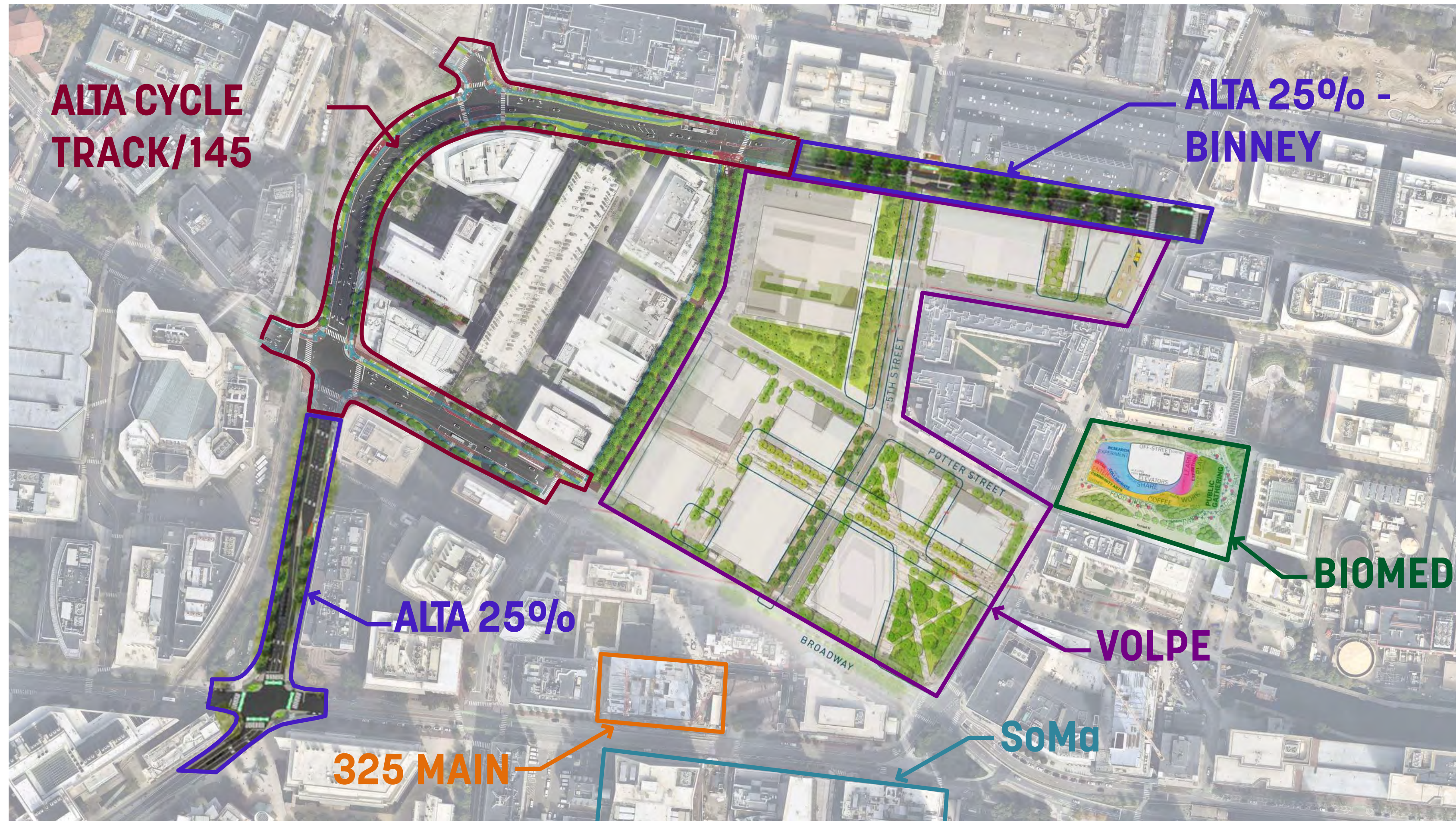
2020 Kendall Square Urban Redevelopment Area
Streetscape Redesign Main, Broadway, and Third
Pedestrian Committee Meeting 4/29/21



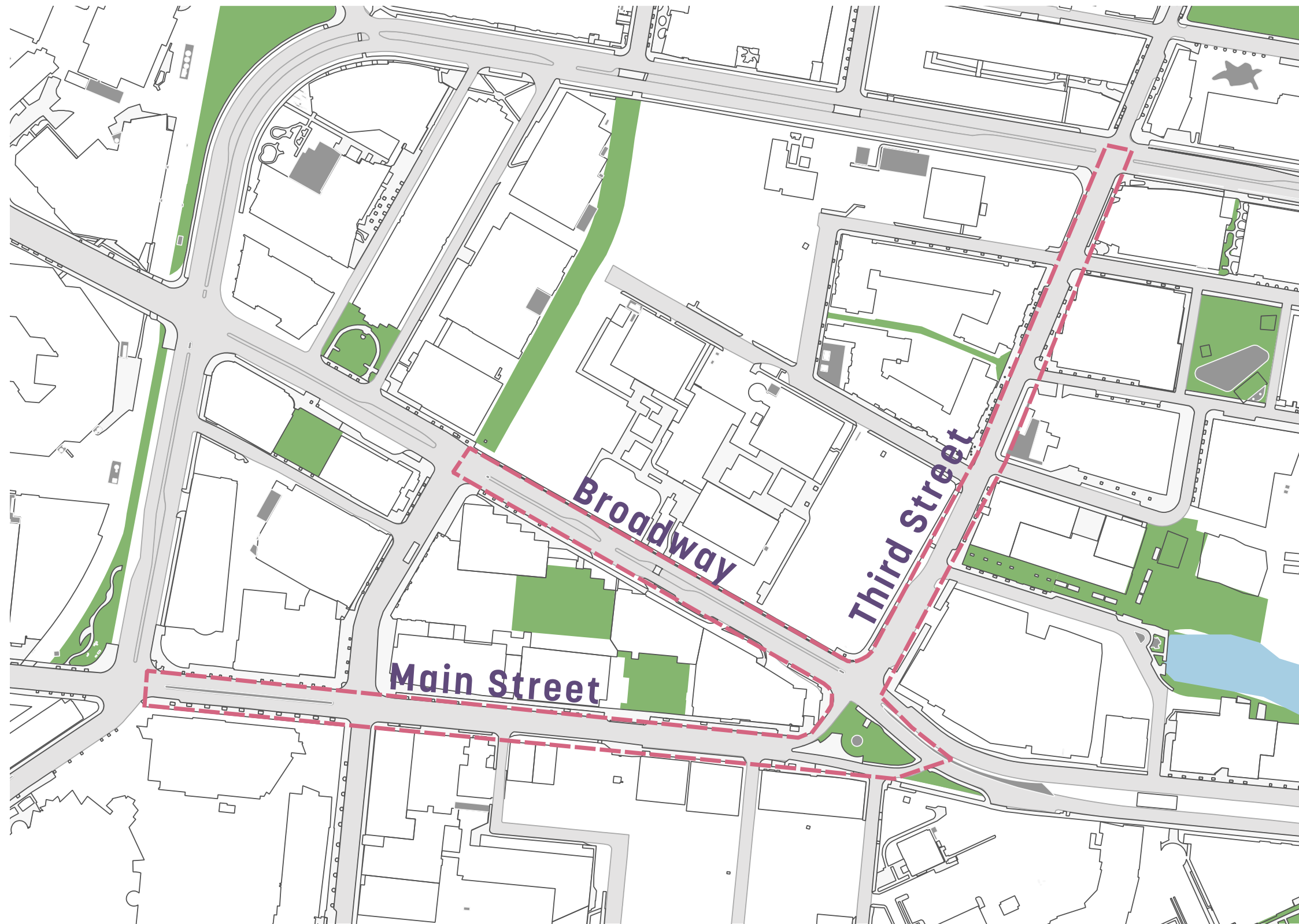
AGENDA

- STREETScape PROJECT SCOPE
- EXISTING CONDITIONS, GOALS, CONCEPT PLANS
 - THIRD STREET
 - BROADWAY
 - MAIN STREET

IN THE WORKS



DEFINING THE STREETS



- 1. Main Street - Pedestrian-Focused Transit Hub (considering an interim & long-term vision)**
- 2. Broadway - Multi-Modal Corridor**
- 3. Third Street - Res/Mixed-Use Mecca**

GOALS

- Design streets as high-quality public spaces that maximize the human experience through the provision of public art, street furniture, plantings, hardscape materials, and interpretive elements.
- Reflect Cambridge's environmental sustainability goals
- Design streets to be safe for all users regardless of age, ability, or mode of transportation.
- Design streets to meet all City policies and standards.
- Include fully separated bicycle lanes, as per the Bicycle Network Vision and the Cycling Safety Ordinance

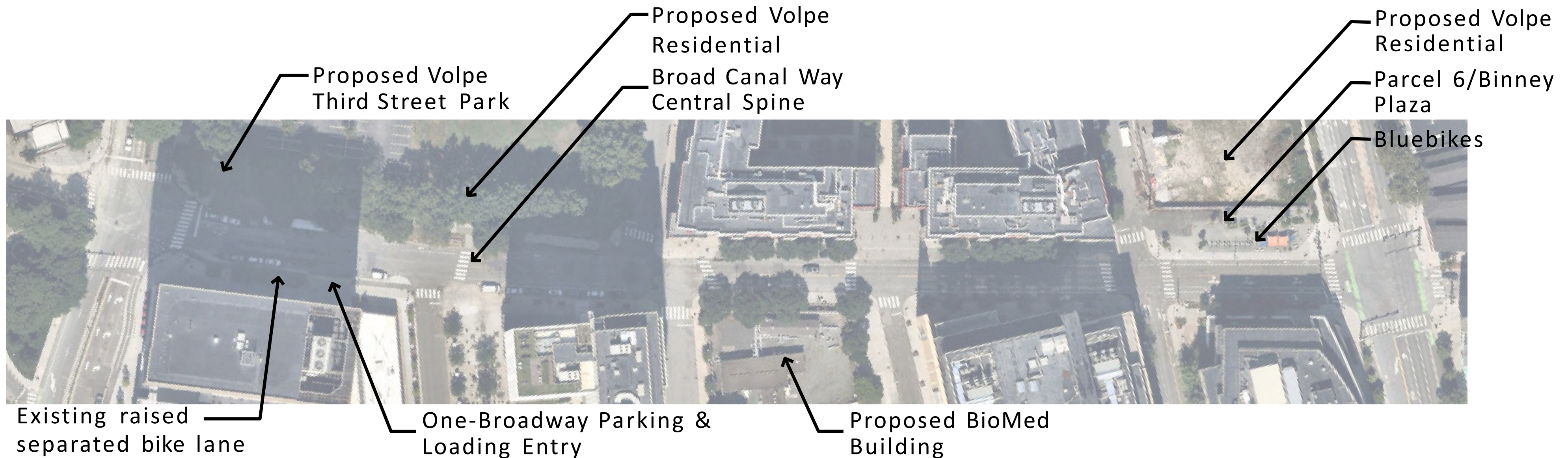
OBJECTIVES

- Implement separated bicycle facilities
- Accommodate access to new and existing developments
- Plan around existing and future utilities
- Preserve and enhance the tree canopy
- Improve pedestrian, transit, and bike infrastructure at intersections
- Design for bus/shuttle priority and access to Kendall MIT Station.
- Design for pick-up/drop-off and commercial loading zones
- Activate with retail.

THIRD STREET

GOALS/GIVENS

- Integrate intersections of adjacent streets including major connections at Binney, Biomed, and Broad Canal Way (emphasize canal's history)
- Create placemaking elements that tie the street together and facilitate both safety and interaction
- Expand on the canopy cover existing today
- Emphasize and increase the raised cycle track extents for the full length of the street.



PRECEDENTS/CHARACTER



WESTERN AVE - CAMBRIDGE, MA

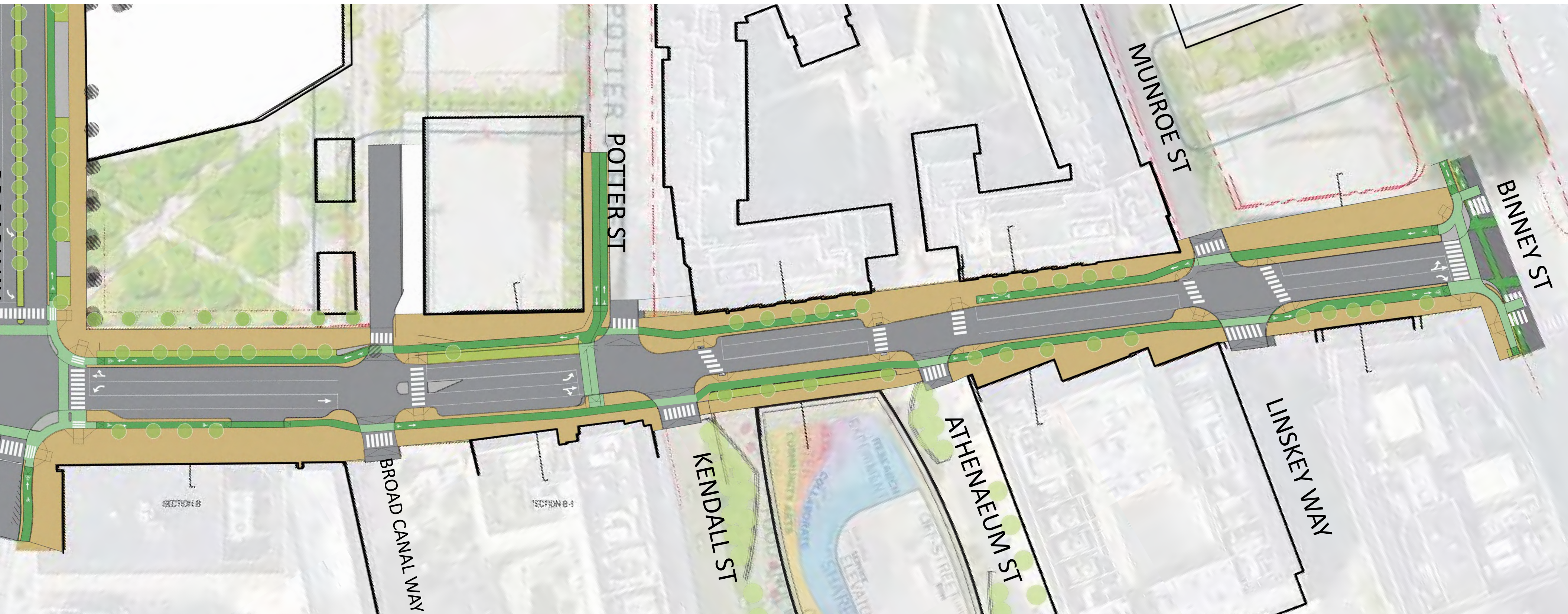


P STREET - LINCOLN, NE

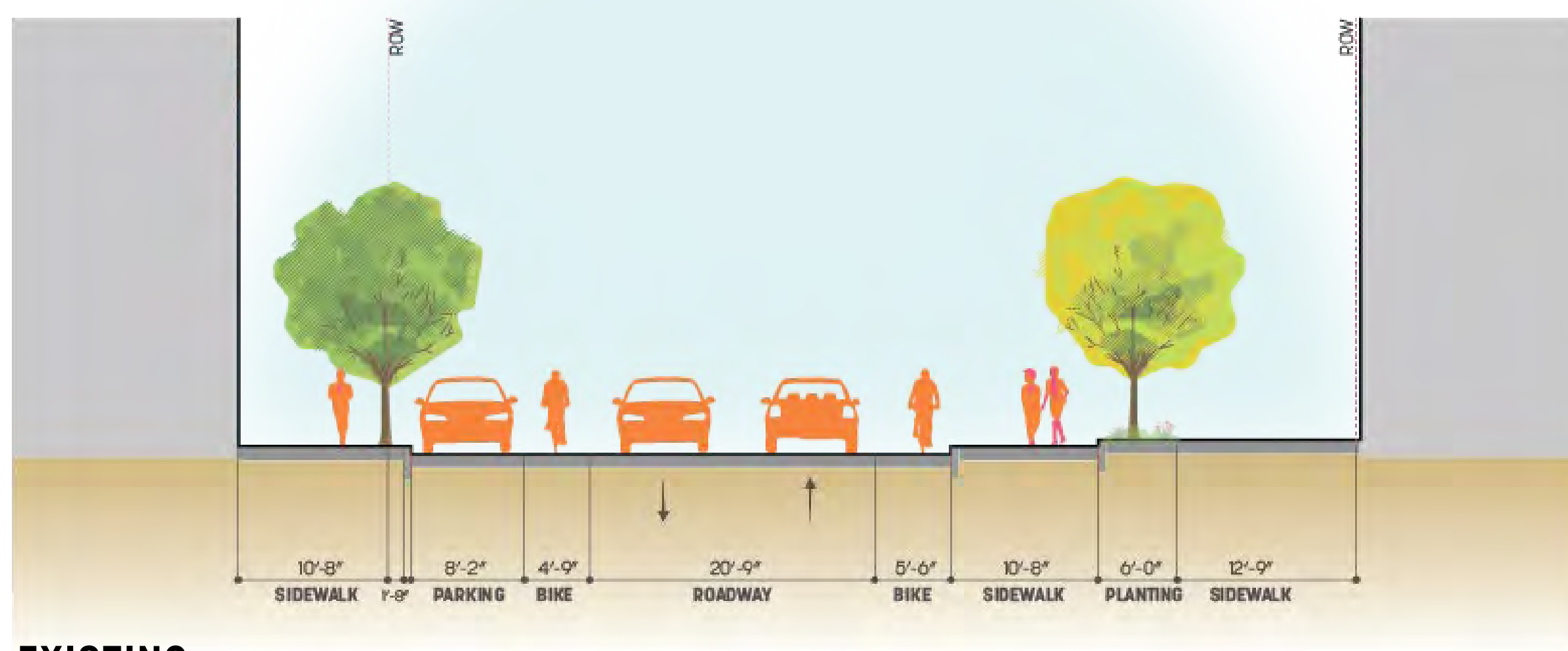


CONGRESS AVE - AUSTIN, TX

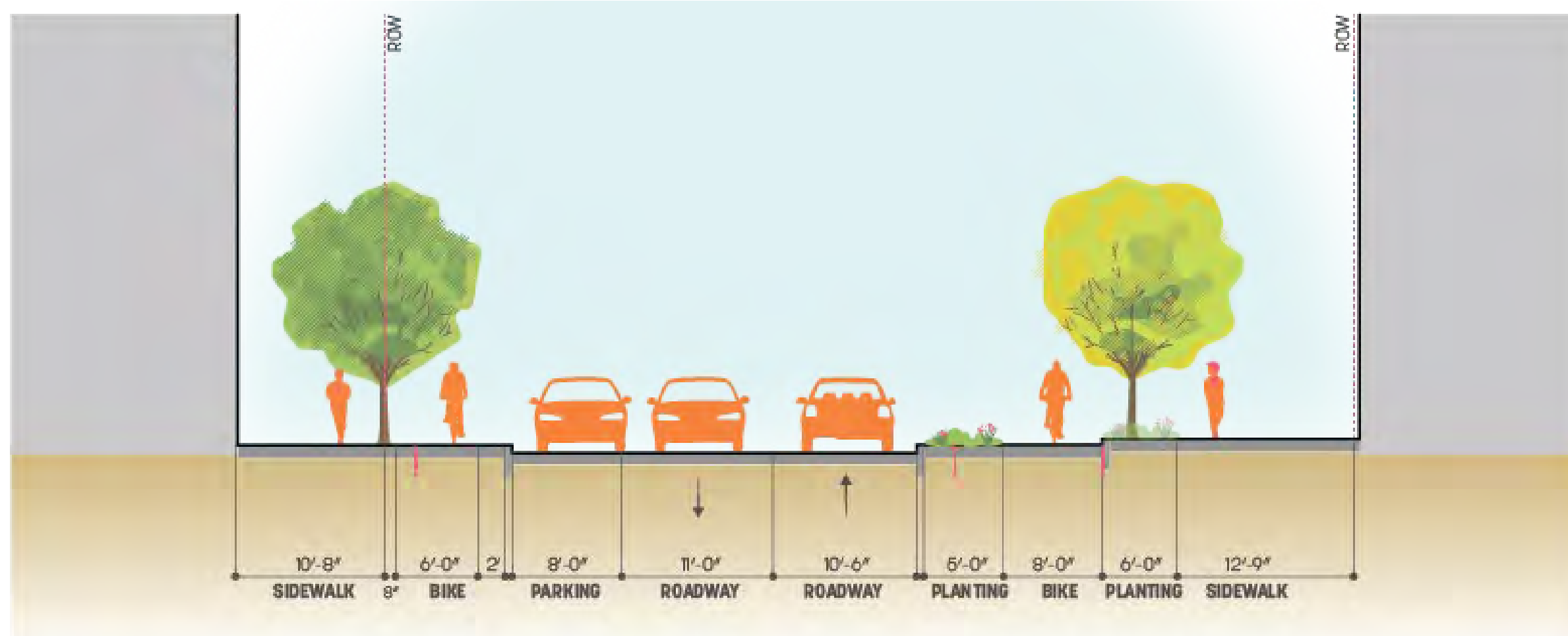
CONCEPT PLAN - Option 1



CROSS SECTION



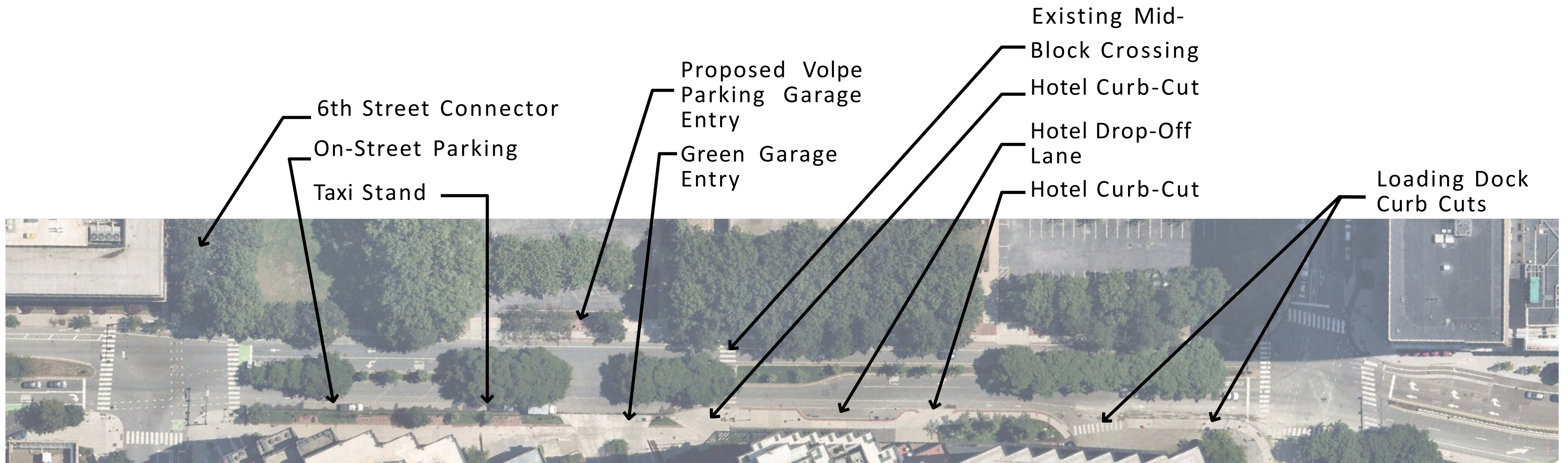
EXISTING



PROPOSED

GOALS/GIVENS

- Expand the raised cycle track beyond 6th Street for the full length of the street
- Connect into Volpe plans
- Preserve existing tree canopy and expand on the "forested edge"
- Reconcile loading zones with pedestrian and cyclist experience.
- Continue placemaking elements begun on 145 Broadway



PRECEDENTS/CHARACTER



BROADWAY CYCLE TRACK

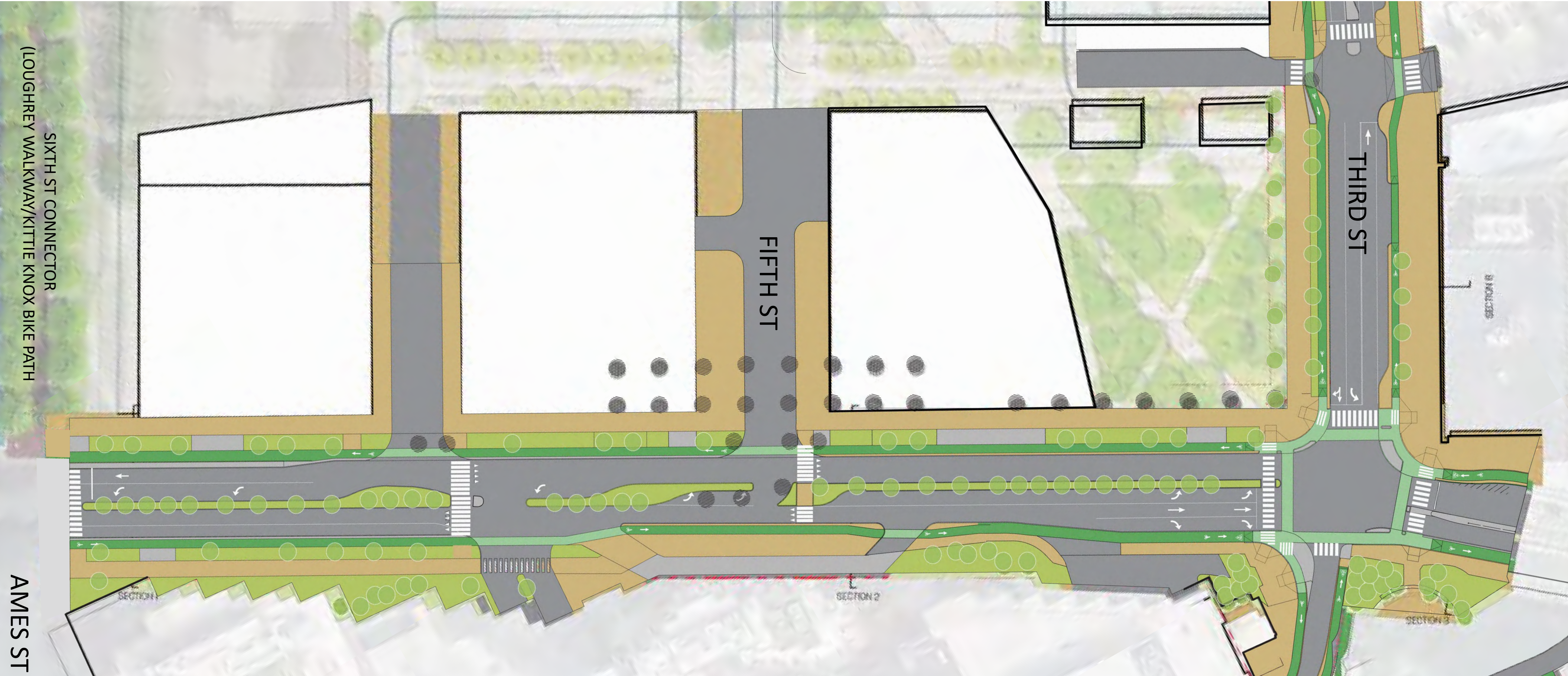


INDIANAPOLIS CULTURAL TRAIL

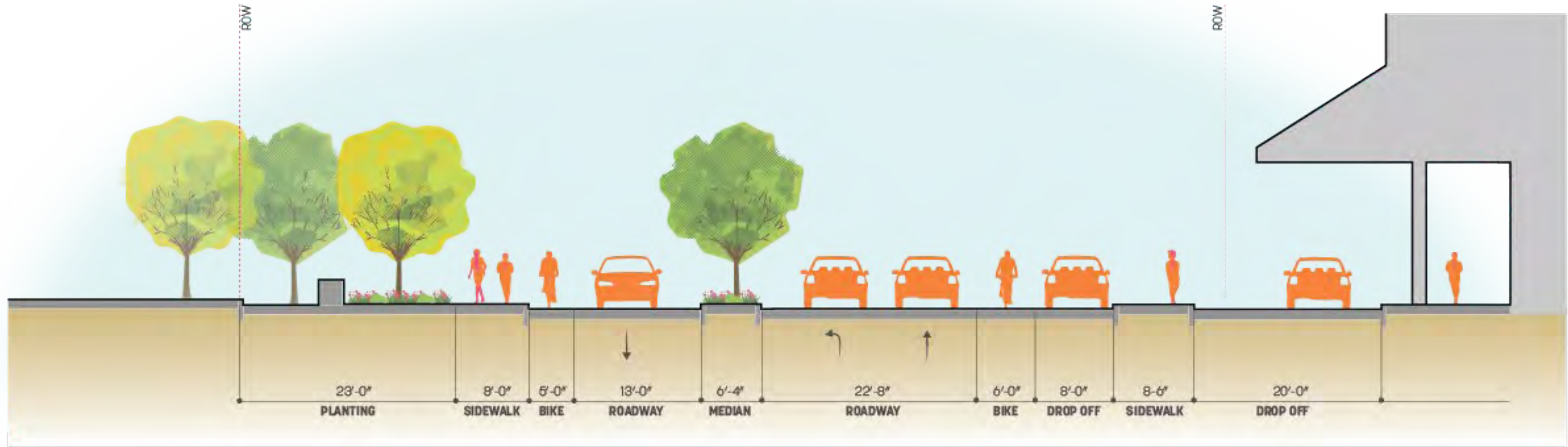


WALK OF THE TOWN - BANGKOK

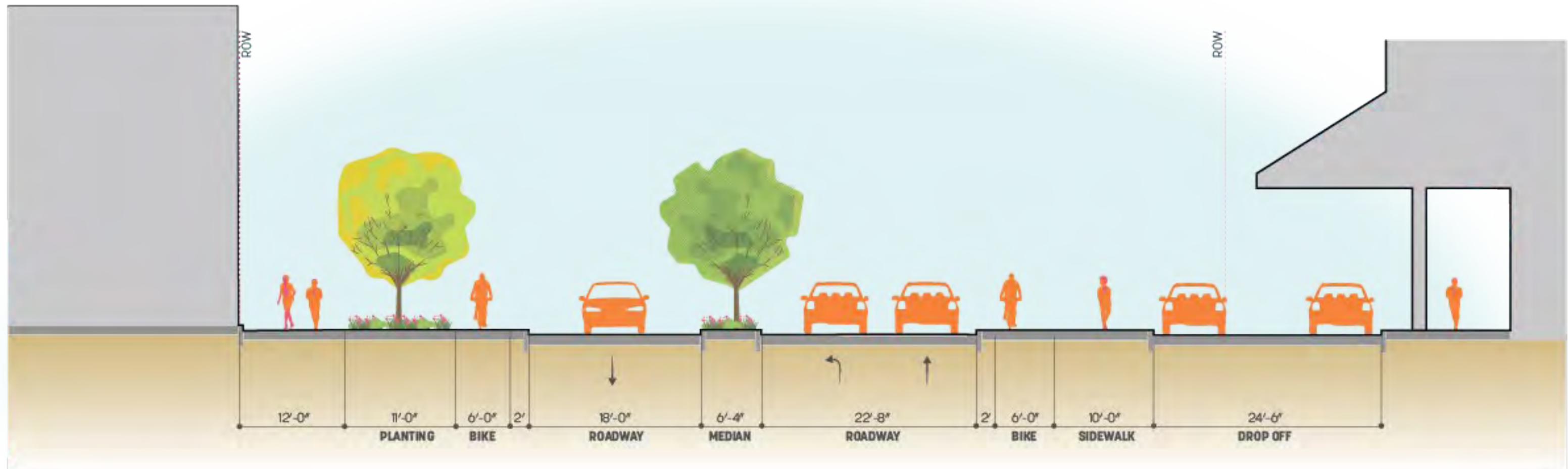
CONCEPT PLAN



CROSS SECTION



EXISTING

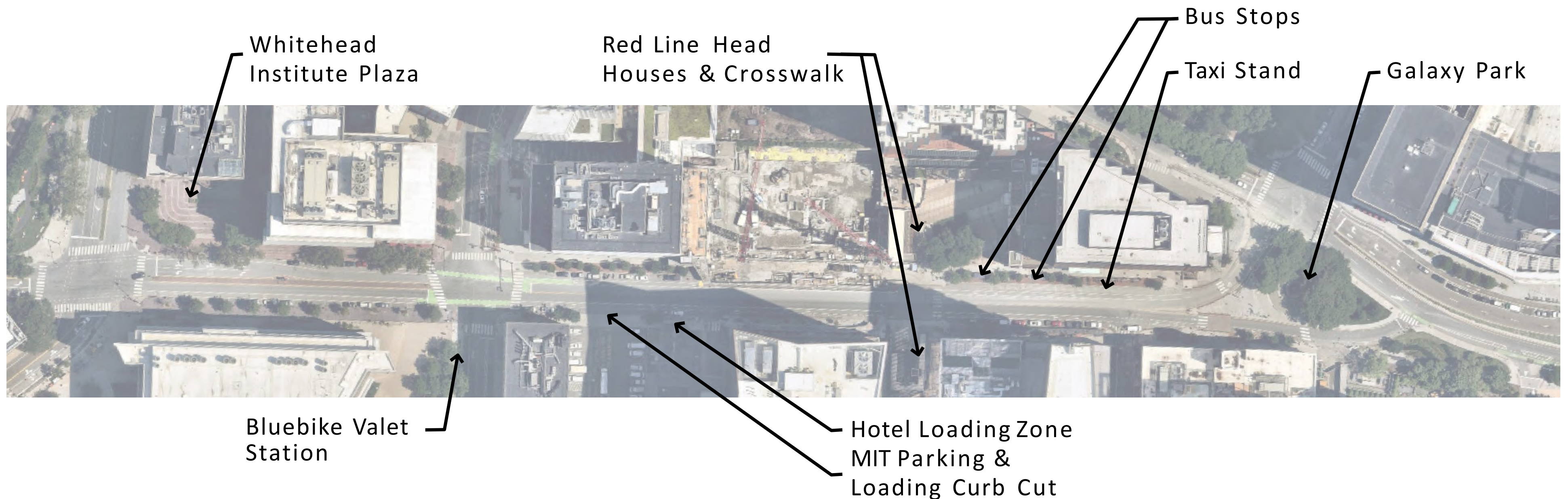


PROPOSED

MAIN STREET

GOALS/GIVENS

- Provide a transformative public transit gateway into Kendall Square
- Facilitate highest and best mix of pedestrian and transit use
- Incorporate separated bicycle facilities
- Reconcile need for loading with public realm improvements



PRECEDENTS/CHARACTER – Interim Term



CAMBRIDGE STRET –
Cambridge, MA



MEDIAN BIKE LANE – Sevilla, Spain



QWICK KURB



CENTER LANE PROTECTED BIKE LANES – Athens, GA



MODULAR BUS PLATFORM – Oakland, CA

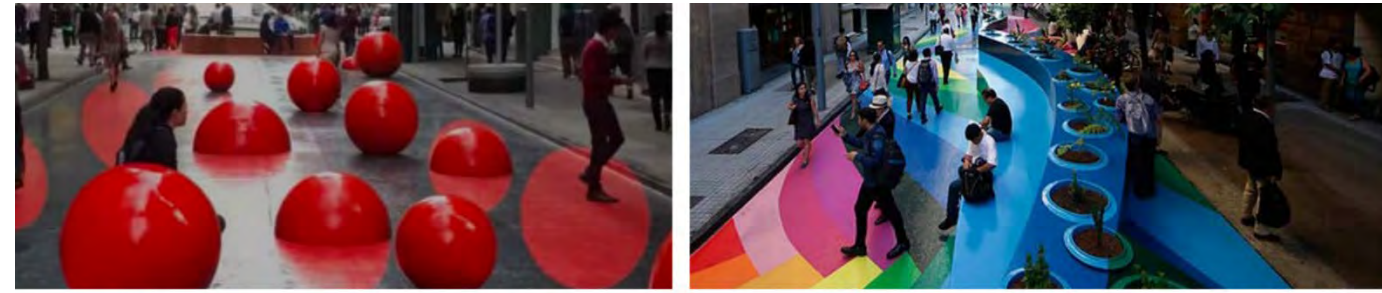


FLOATING BUS PLATFORM – Portland, OR

PRECEDENTS/CHARACTER – Furnishings



D STREET - BOSTON, MA



PASEO BANDERA - SANTIAGO, CHILE

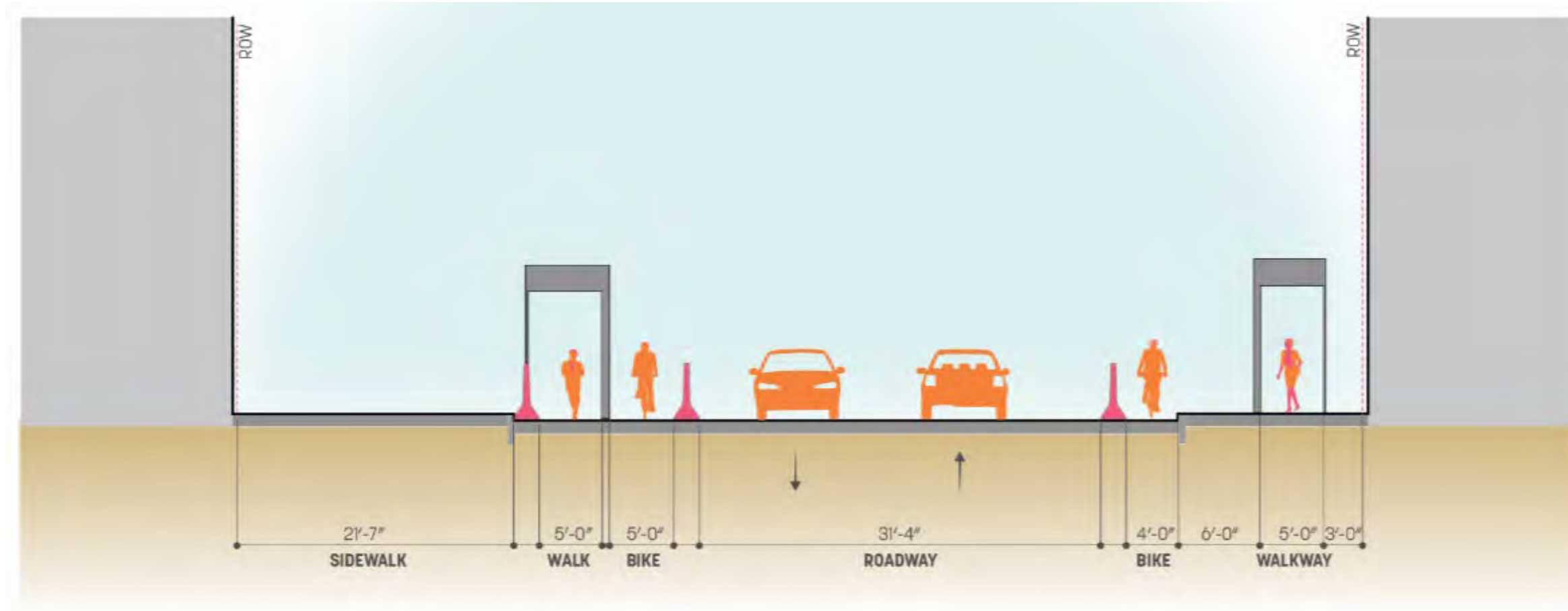


THE AVENUE - WASHINGTON, DC

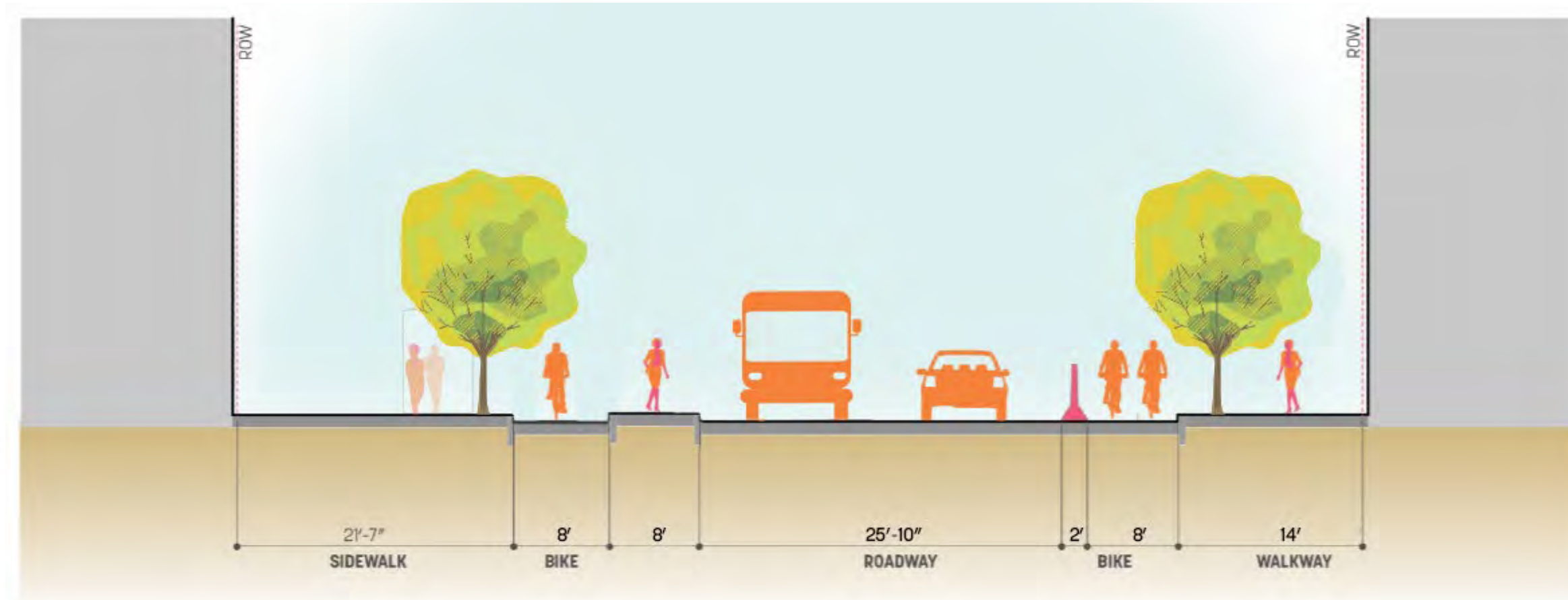
CONCEPT PLAN - Interim Term Option 1 (side bike lanes)



CROSS SECTION - Interim Term Option 1



EXISTING

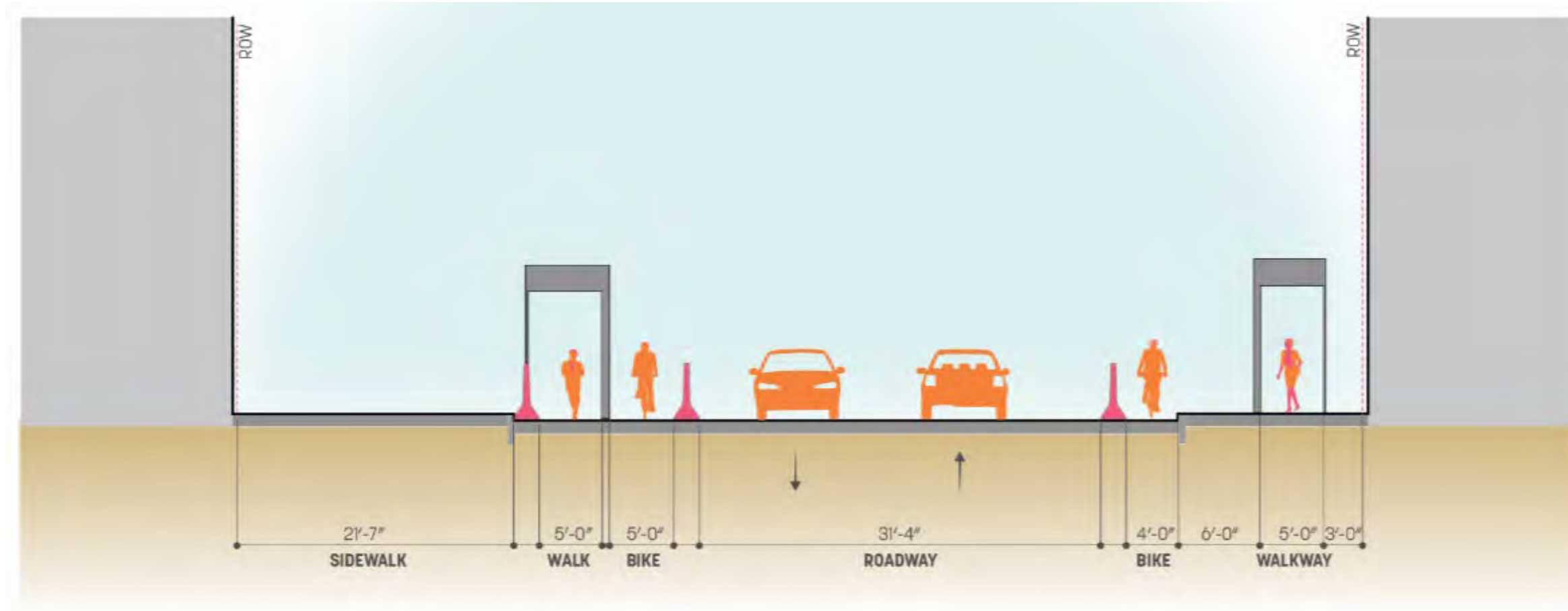


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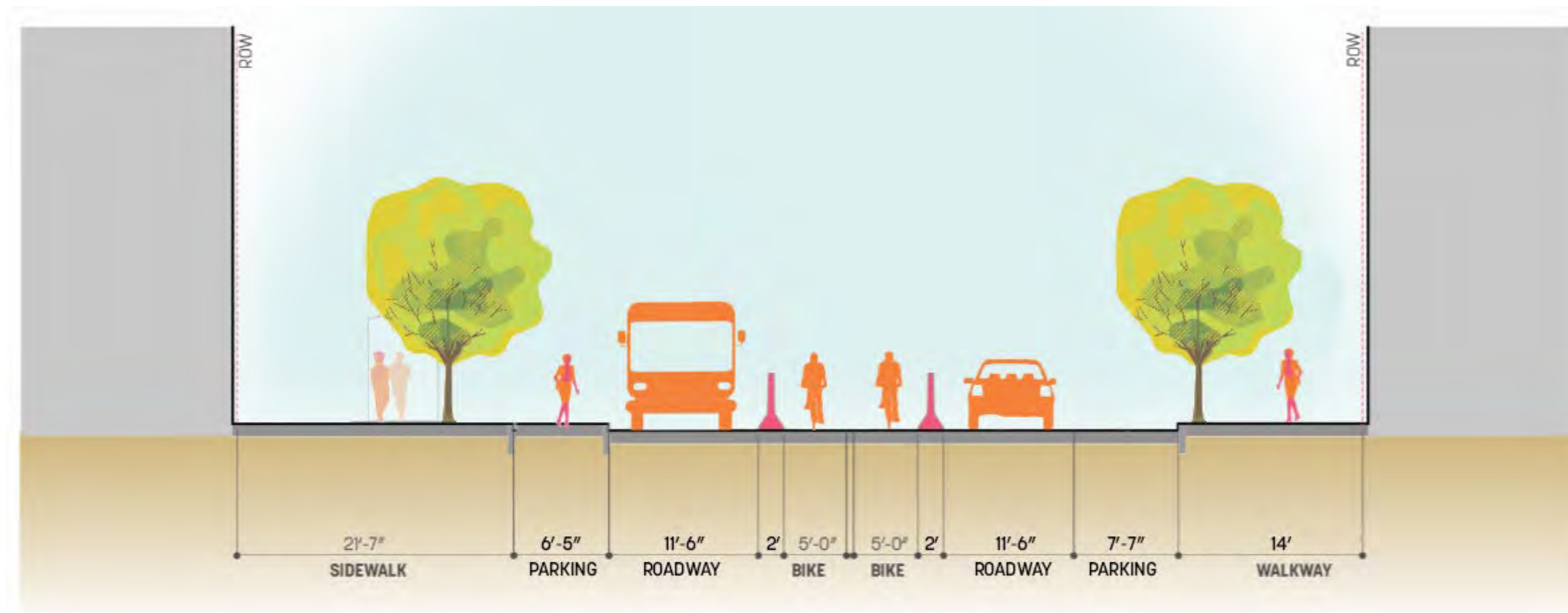
CONCEPT PLAN - Interim Term Option 2 (median bike lanes)



CROSS SECTION - Interim Option 2



EXISTING



PROPOSED

PRECEDENTS/CHARACTER – Longer Term Vision



NICOLLET MALL – MINNEAPOLIS, MN



DISTRICT WHARF - D.C.



BELL STREET - SEATTLE, WA

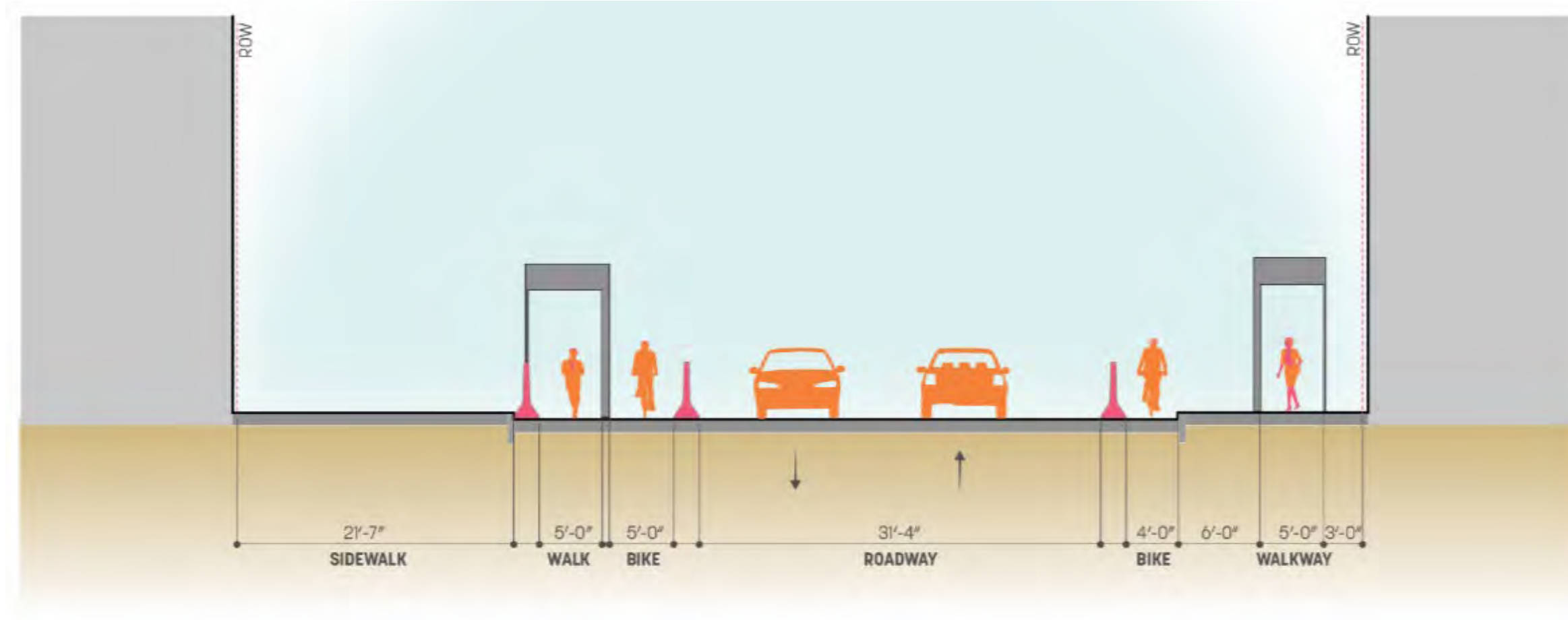


SLOVENSKA BOULEVARD – LJUBLJANA, SLOVENIA

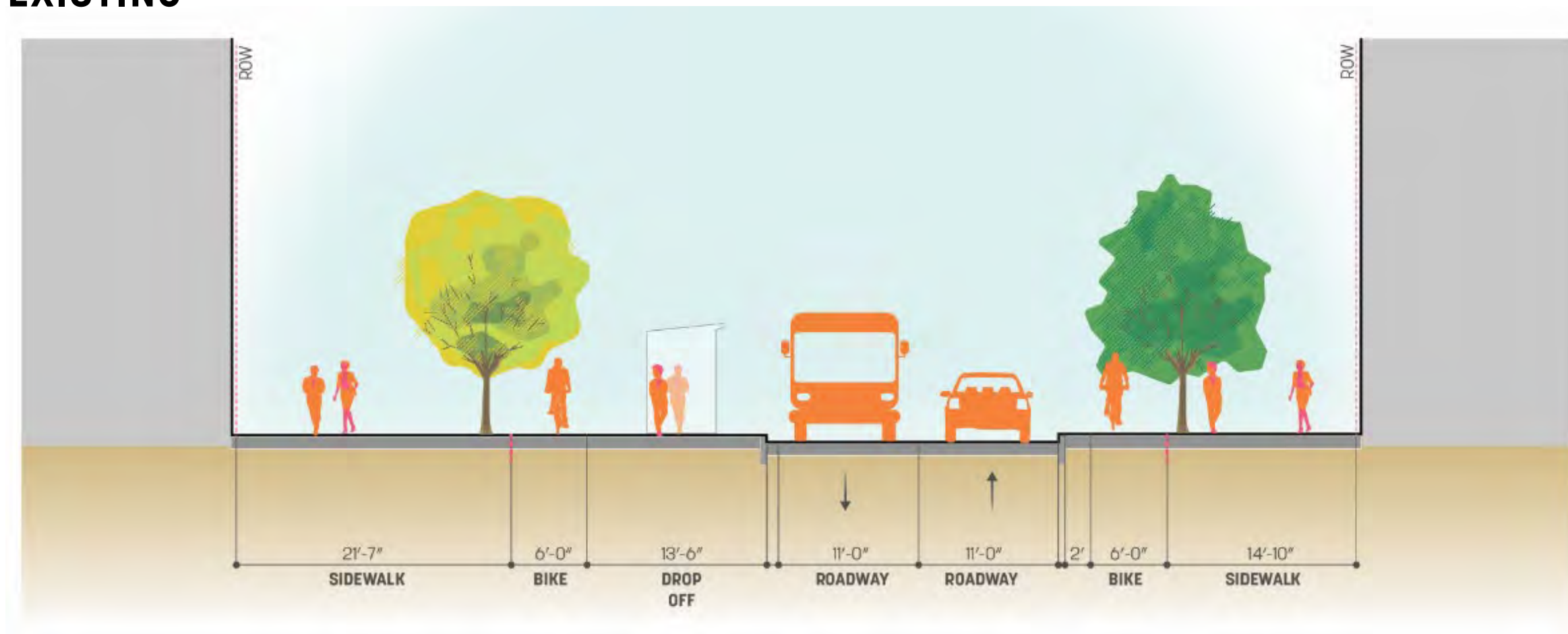
CONCEPT PLAN - Long Term Option 1 (side bike lanes)



CROSS SECTION - Long Term Option 1

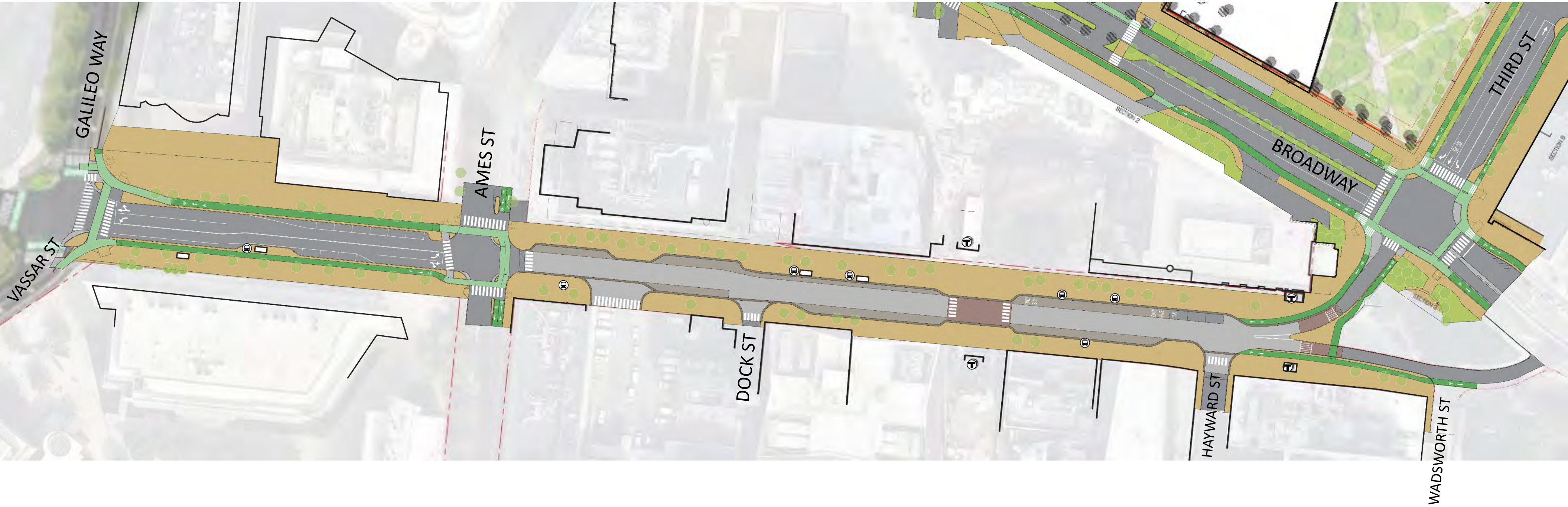


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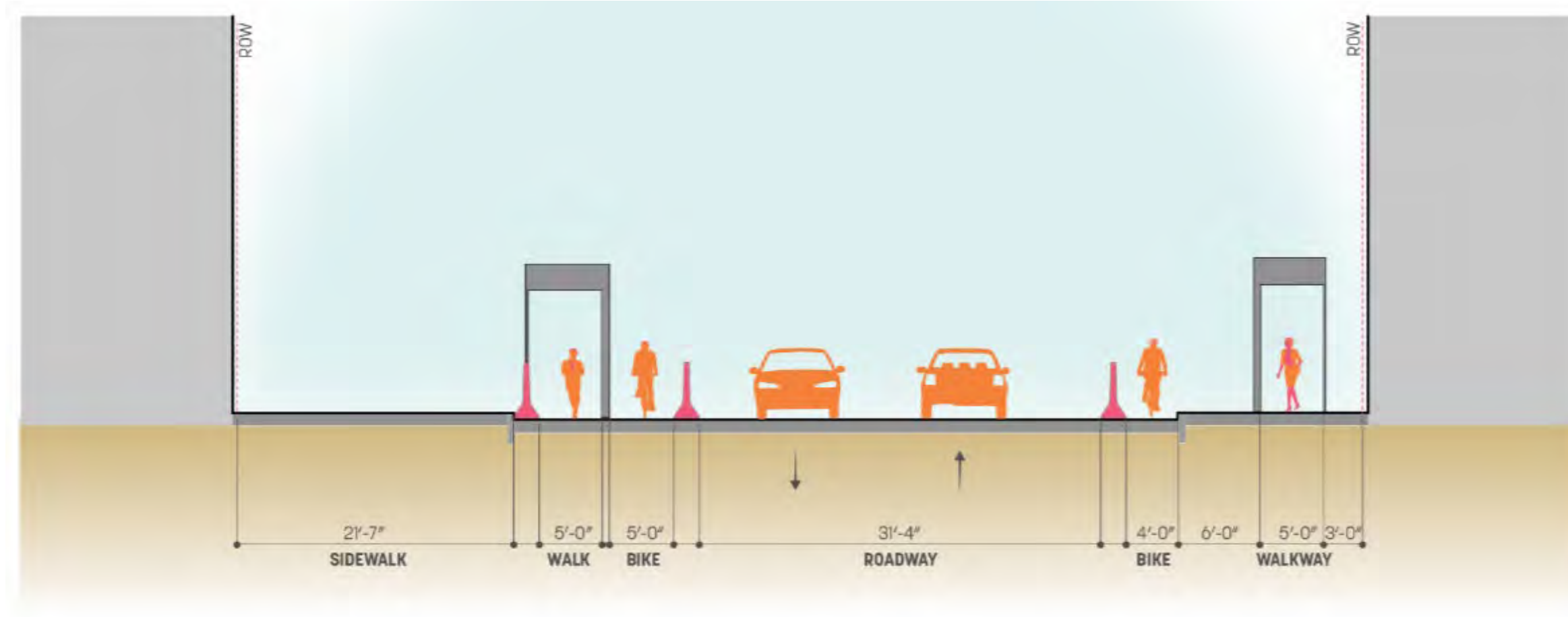


PROPOSED

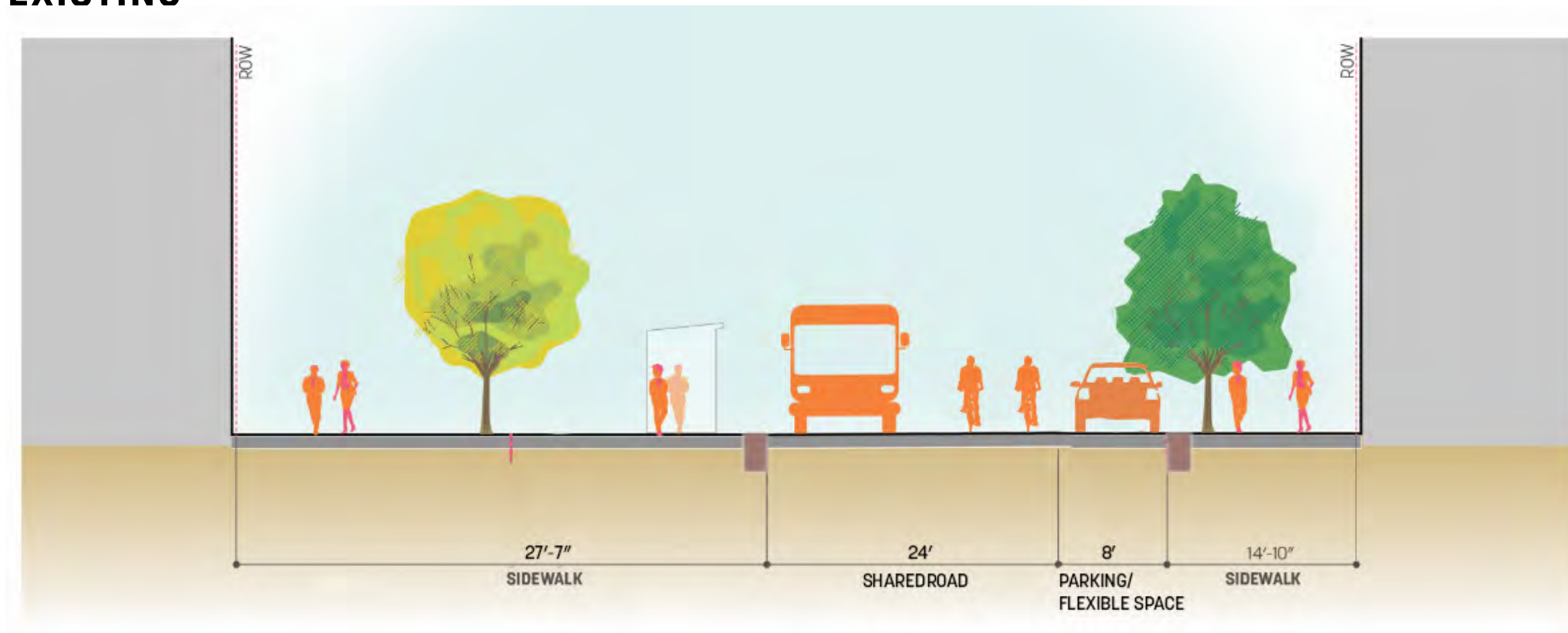
CONCEPT PLAN - Long Term Option 2 (shared street)



CROSS SECTION - Long Term Option 2



EXISTING



PROPOSED

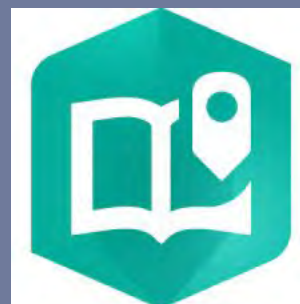


To Learn More and to Sign-Up for Updates Visit

www.cambridgeredevelopment.org/bmt-streetscape

Coming Soon!

Interactive Broadway / Main / Third StoryMap





Street Lighting



Questions

- How are decisions made about where streetlights are placed, lighting levels, etc.?
- How are color temperatures selected and what are their effects?
- How can lighting levels be sure to be adequate to help with safety?
- How can lighting be used for more creative designs, creating inviting public spaces?
- How can we make sure streetlights on side/residential streets adequately illuminate surfaces?
- Is there a way for the public to report inadequately lit streets and sidewalks?
- How can the Committee be involved?



National Issues/MUTCD

& What's wrong with the current draft?

- Lengthy process, time, cost for key safety/access measures
- Perpetuates double-standards between modes
- Written as technical guidance despite policy context
→ hinders major policy goals - safety, equity, climate

Signal warrants remain circular

MUTCD Compliant

Signal is only 'warranted' if >133 pedestrians in peak hour*

Bethesda **BEAT** 2019 | TRANSPORTATION

New Crosswalk Signal Installed at Site of Fatal Pedestrian Crash

Signal is where North Bethesda woman was struck in July

BY KATE MASTERS | DECEMBER 26, 2019 | 9:47 PM

The Montgomery County Department of Transportation unveiled a new crosswalk beacon on Monday at the intersection of Tuckerman Lane and Kings Riding Way in Bethesda.

The busy intersection — where the Bethesda Trolley bike and pedestrian trail intersects with Tuckerman Lane — was the site where North Bethesda resident Jennifer DiMauro was struck by a Chevrolet Spark in July.



A HAWK beacon on Aspen Hill Road between Georgia and Pennsylvania



What we're doing

(1) call to reframe the current draft

- substantive alignment with safety, climate, equity goals
- focus on core elements of signs, signals, markings

(2) collate detailed comments from member cities

- section by section review of current draft (NPA)
- detailed suggestions for changes

GOAL:

- new document as proactive safety guidance
- multidisciplinary stakeholder collaboration



City Updates

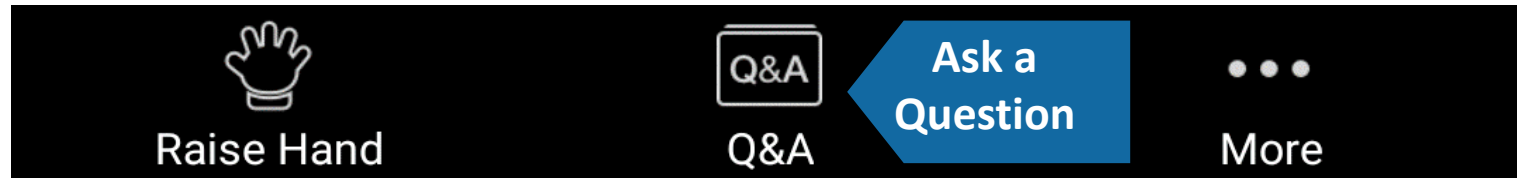


Public comment

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 - *9 to Raise Hand by phone
- Questions can also be submitted using the Q&A button.
- Questions and Comments should be directed specifically to the meeting's agenda items.

Bottom Panel of
Zoom Screen





Data Subcommittee Meeting

1. Tuesday, May 25
 - a. 5:00 – 6:00 PM
 - b. 5:30 – 6:30 PM
2. Monday, May 24
 - a. 5:00 – 6:00 PM



Other Announcements



Thank You