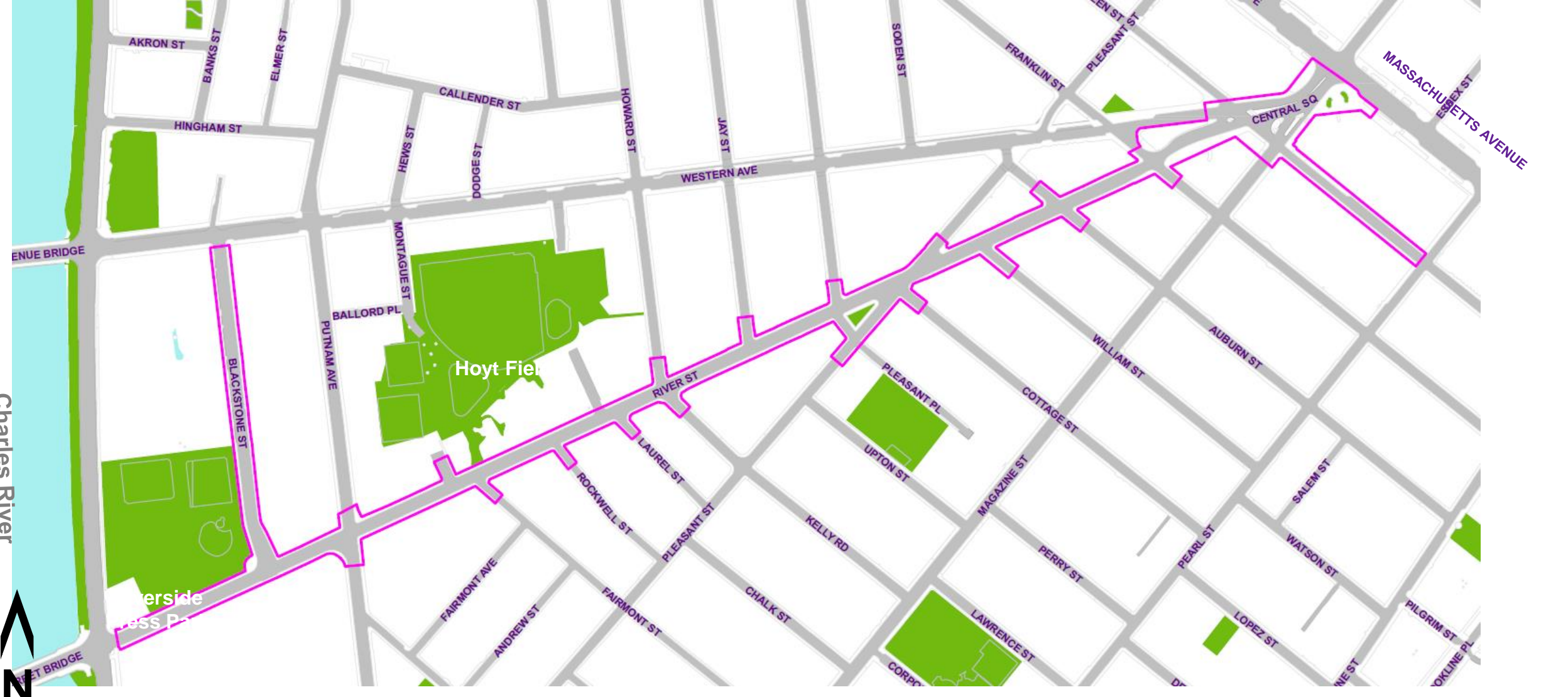




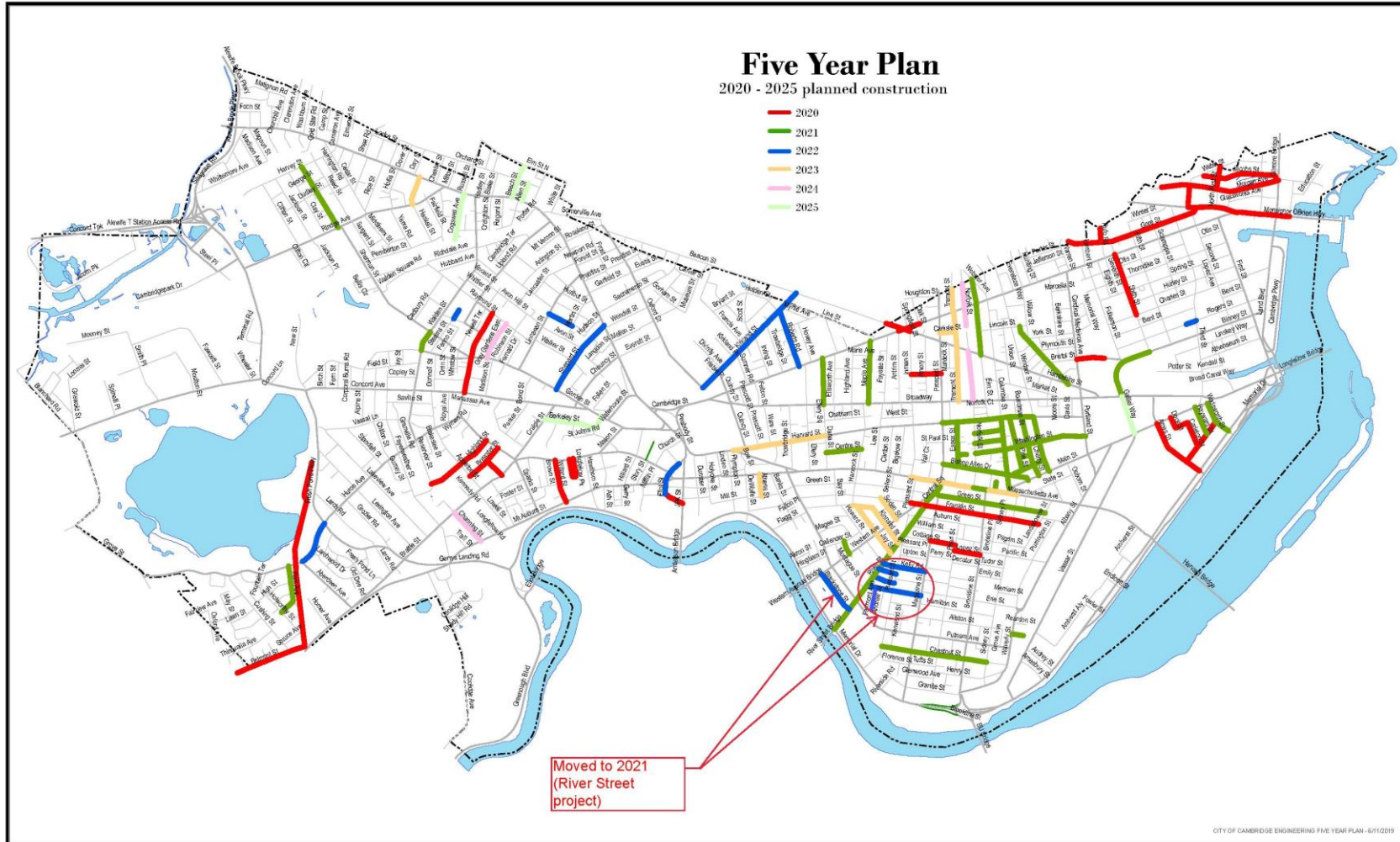
**Central Square
Advisory
Committee
Update
1/29/20**



River St Reconstruction Project Area



Side Streets Included in River Street Project Construction



Consider planning for greater electricity, natural gas, and telecom needs?

Preserve gas transmission lines

Update and separate portions of sewer & drainage and mitigate flooding risks with improved stormwater management

Replace gas distribution lines (to start in 2020)

Upgrade soil conditions for trees and plantings

Replace and upsize water main

Subsurface Work



Other outreach...

- Two Public Meetings
- River Street pre-construction survey (83 respondents so far)
- Cambridge Winter Farmers Market (3/23/19)
- Mobility Walk (5/14/19)
- River Festival (6/1/19)
- Urban Design Walk (6/11/19)
- Parking Day (9/20/19)
- Eight working group meetings
- Business focus groups (8/27/19 and 10/16/19)
- Ongoing coordination with Department of Human Service Programs and Cambridge Police Department
- Carl Barron outreach (full exploration of Carl Barron outreach scheduled for next Public Meeting)

What we heard (highlights):

- Improve safety / lower speeds
- Reduce noise by slowing traffic
- Improve accessibility
- Enhance public space
- Add more greenery
- Expand and activate open space
- Support businesses
- Regulate parking, meet business needs
- Create spaces that encourage people to stay and support retail businesses
- Widen sidewalk near Star Variety store
- Make transportation / movement of people more efficient
- Add separated bikeways
- Reduce bus delay
- Improve bus stops, add amenities, and alleviate crowding
- Create shorter, safer, and more visible crossings
- Improve visibility on turns
- Create long lasting, smooth surfaces
- Provide amenities for the unhoused community (water fountain, public restrooms, etc.)

Guidance for Our Designers: Shared Design Goals

- Safe
- Inclusive
- Human Scale
- Ecological
- Multimodal
- Activated
- Resilient



Western Avenue

Givens

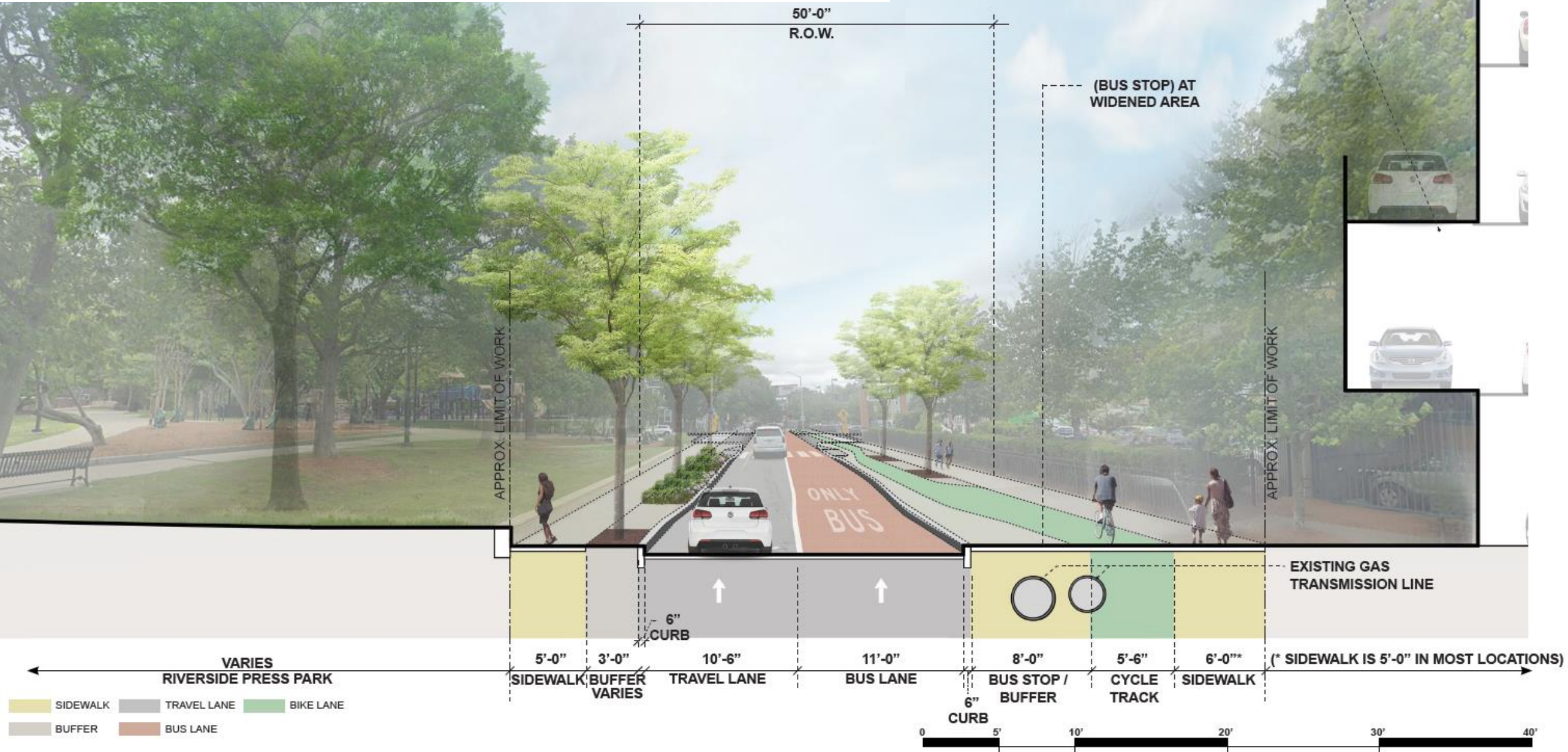
- Address flooding & drainage capacity
- Upgrade and/or protect public and private utilities
- Preserve healthy trees
- Maximize additional trees & improve growing conditions
- Access for emergency vehicles (18-20 feet)
- Accommodate routine maintenance and operations (snow, trash, etc.)
- Include separated bicycle facility
- Regulate parking to allow us to use curbside space more efficiently
- Maintain regional truck route
- Raise crossings on side streets
- Improve intersections

Concept Walkthrough

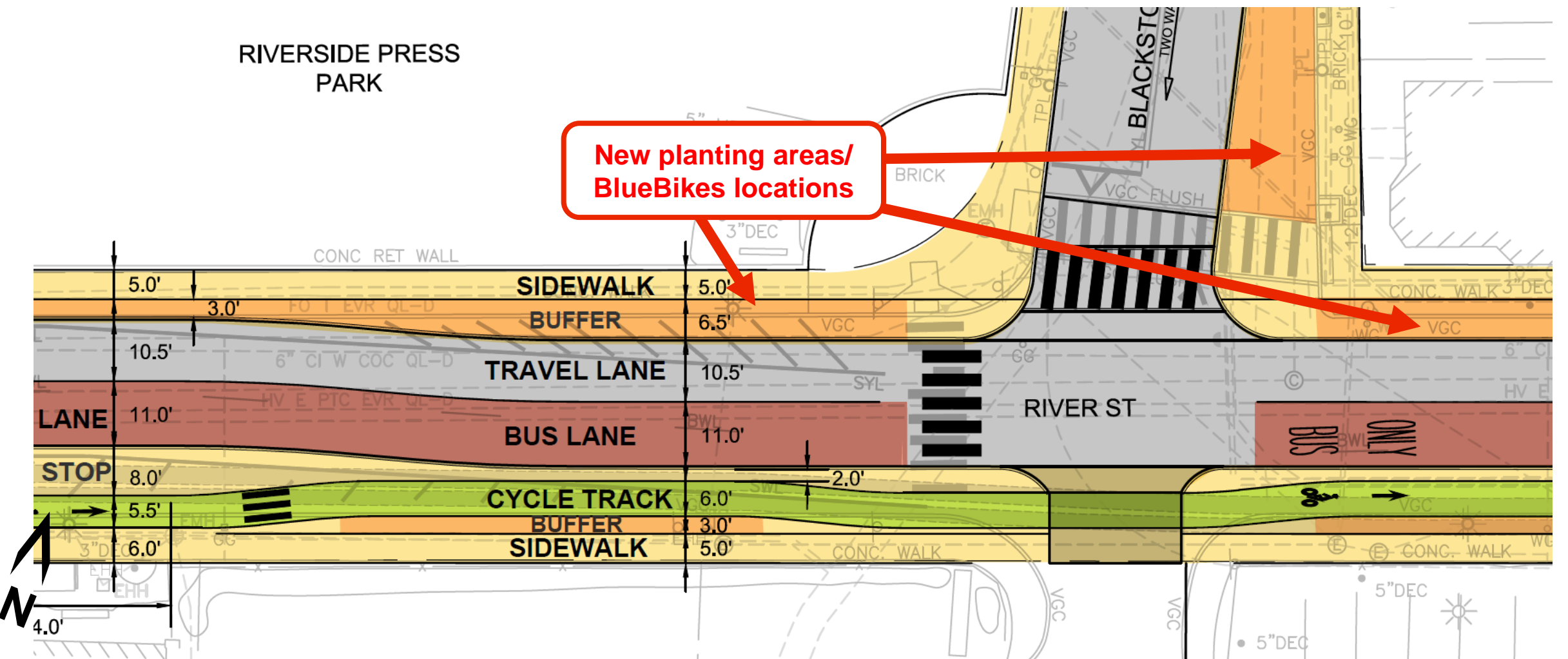
River Street Today



River Street Concept



Extending the Neighborhood Feel



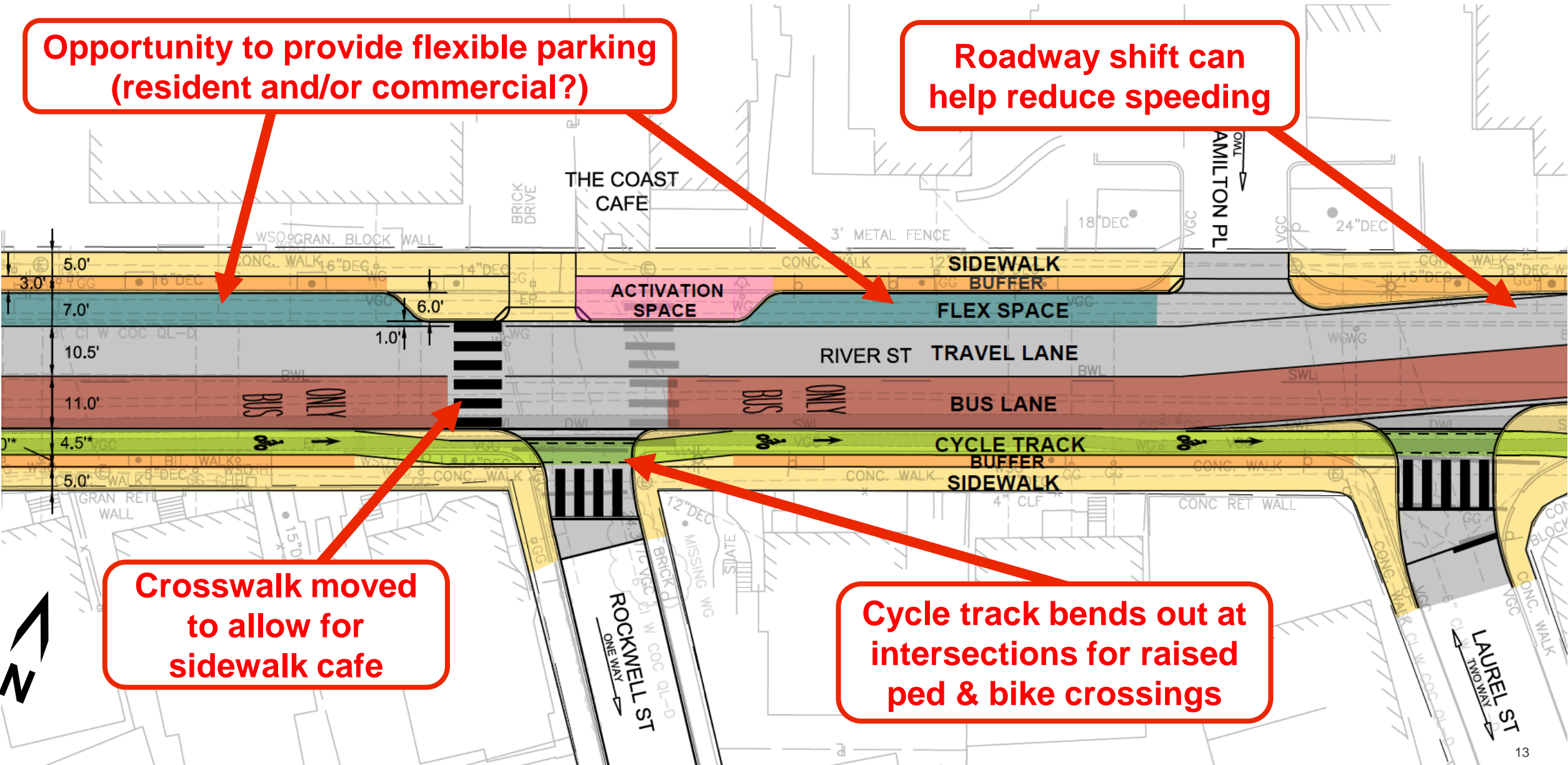
Coast Café Area

Opportunity to provide flexible parking (resident and/or commercial?)

Roadway shift can help reduce speeding

Crosswalk moved to allow for sidewalk cafe

Cycle track bends out at intersections for raised ped & bike crossings



Flexible Curbside Space

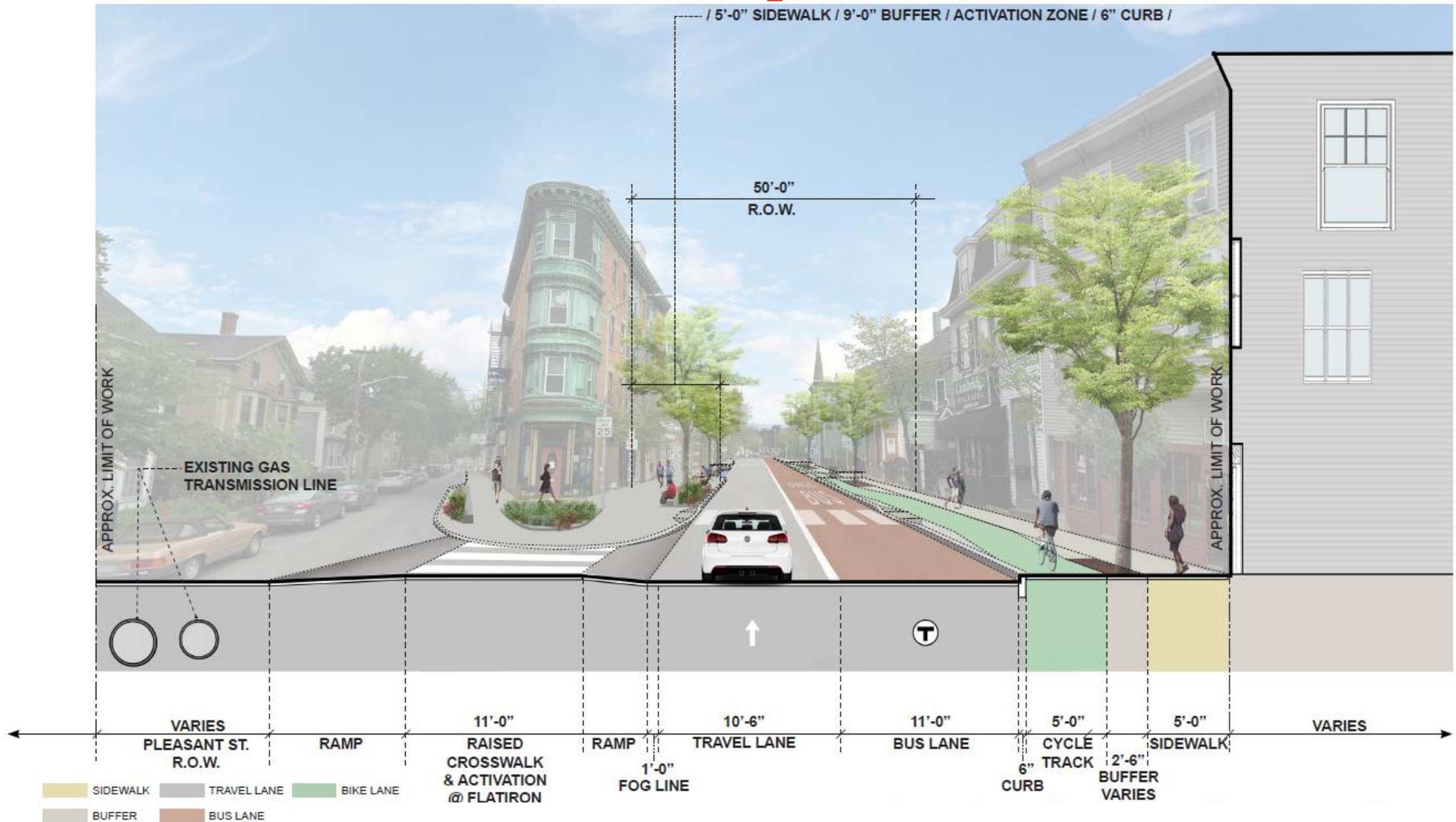


Function	Definition	Examples of Uses
Access for commerce	Goods and services reach their customers	Commercial vehicle loading, truck loading
Access for People	Arrivals, transfers between modes	Bus stops, bike parking, curb extensions, pick up/drop off, short-term parking, taxi zones
Activation	Offers vibrant social spaces	Food truck parking, seating, parklets, public art, street festivals
Greening	Enhances aesthetics and environmental health	Plantings, rain gardens, bio-swales
Mobility	Moves People & Goods	Sidewalks, bus lanes, bike lanes, travel lanes, turning lanes
Parking/storage	Provides storage for vehicles and equipment	Bus layover, vehicle parking, reserved spaces (police/fire), construction needs.

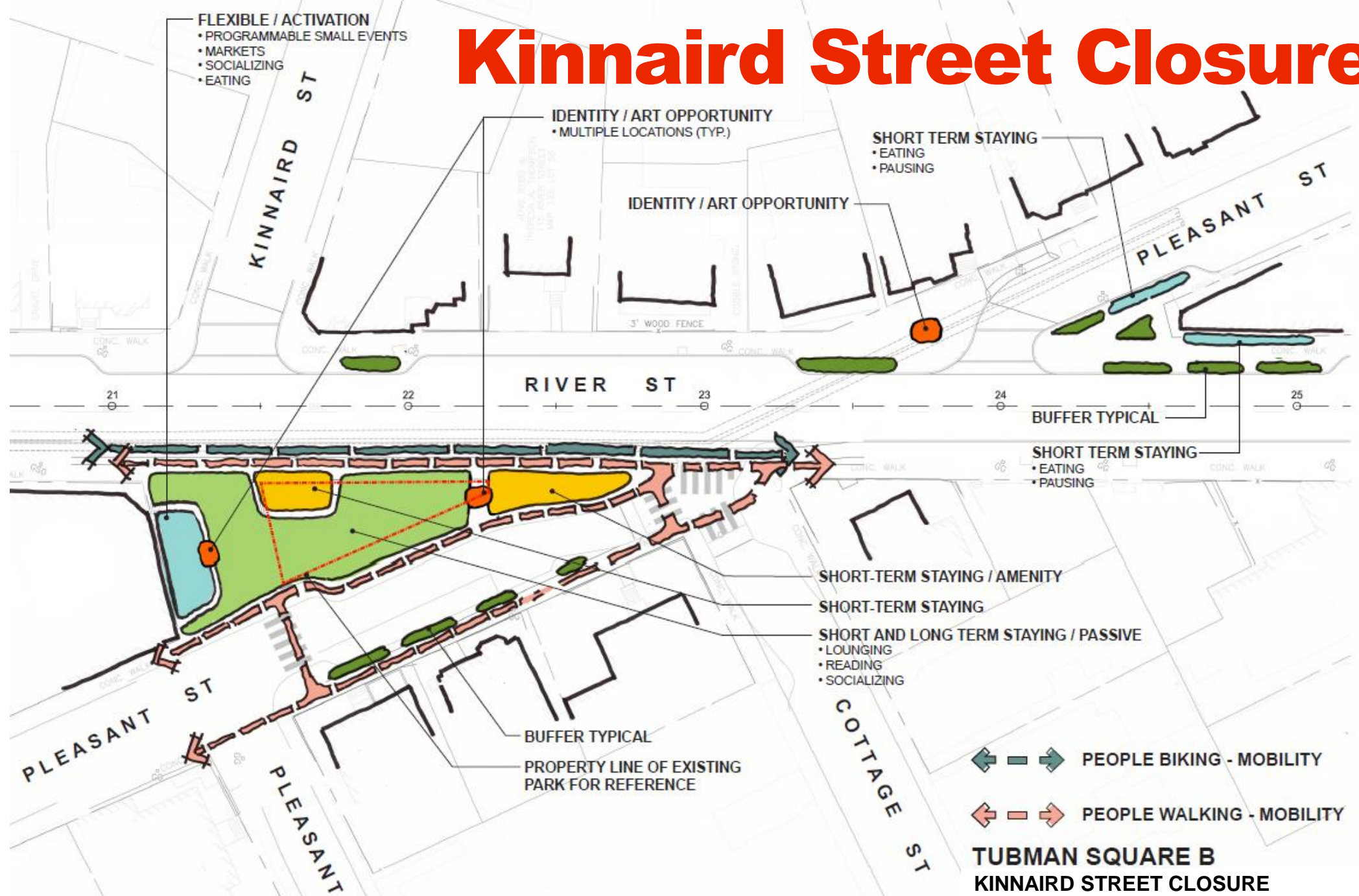
“Flatiron” Building Area Today



Flatiron Area Concept



Kinnaird Street Closure



Carl Barron Plaza Re-design



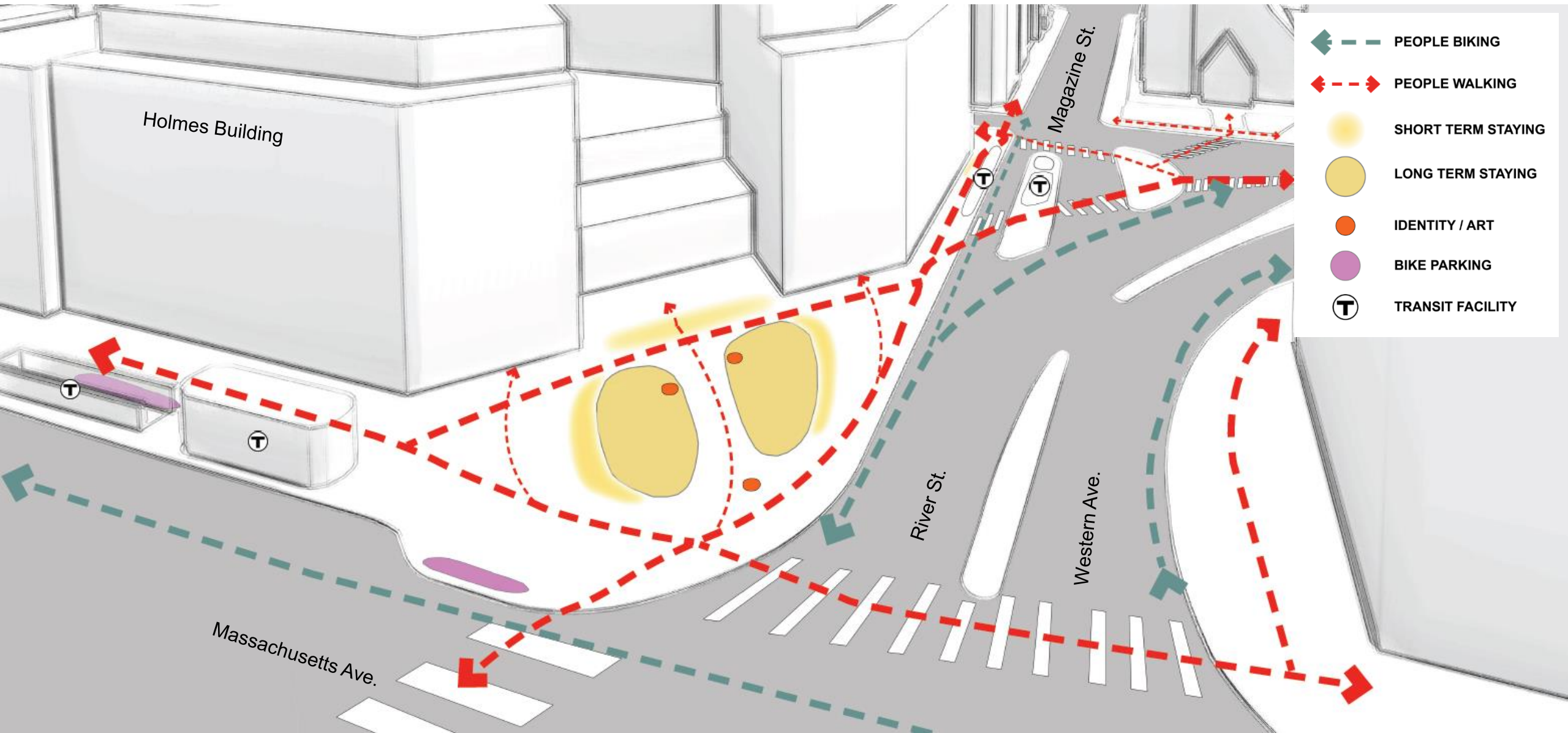
The Circle hosts a wide diversity of people, including regulars and others, however it has a lower proportion of women and young children compared to other public spaces in Central Square.



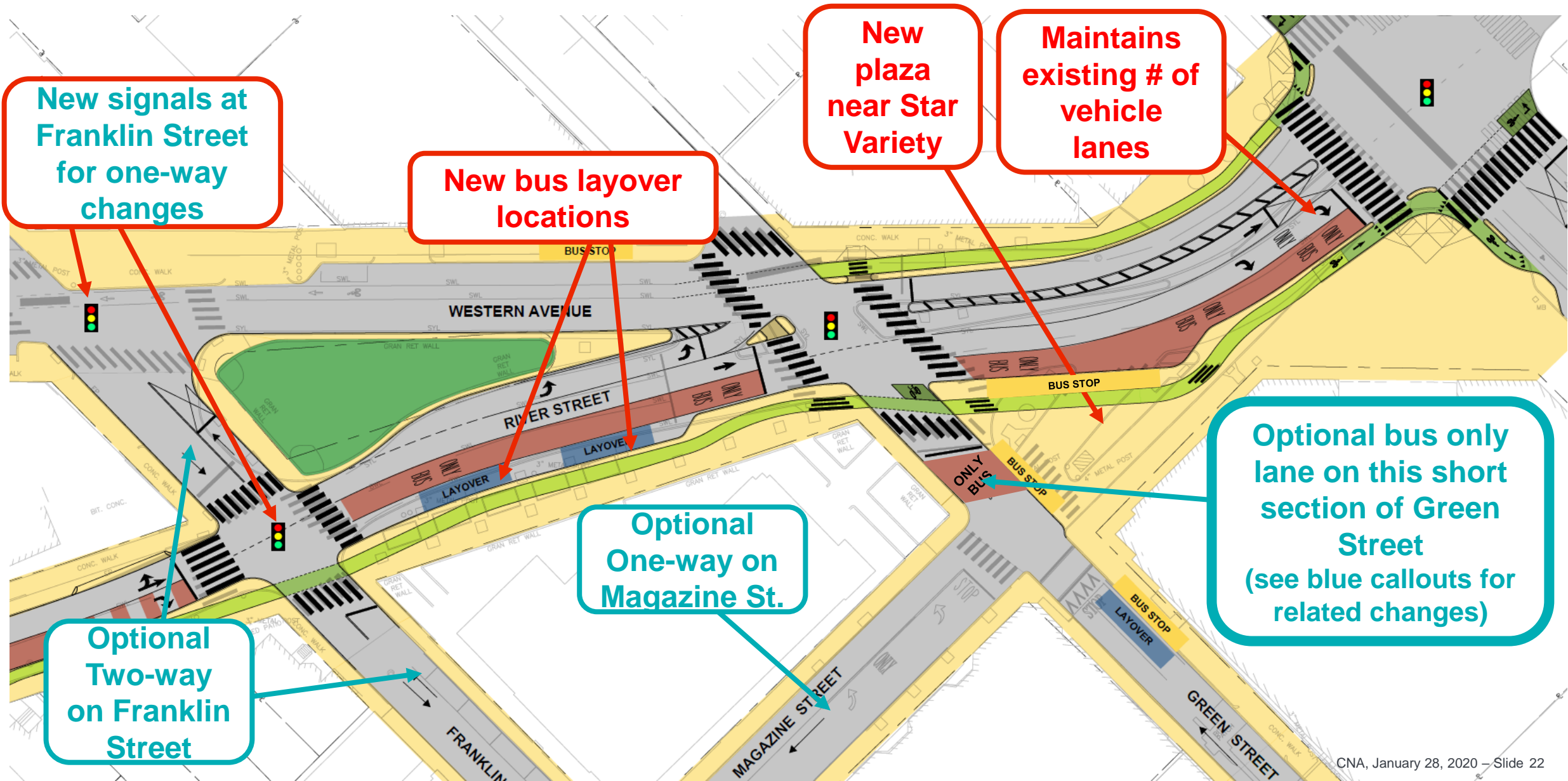
**Regulars sometimes
congregate in larger
numbers in The Circle
(aka the area inside the
two large planters at Carl
Barron Plaza).**



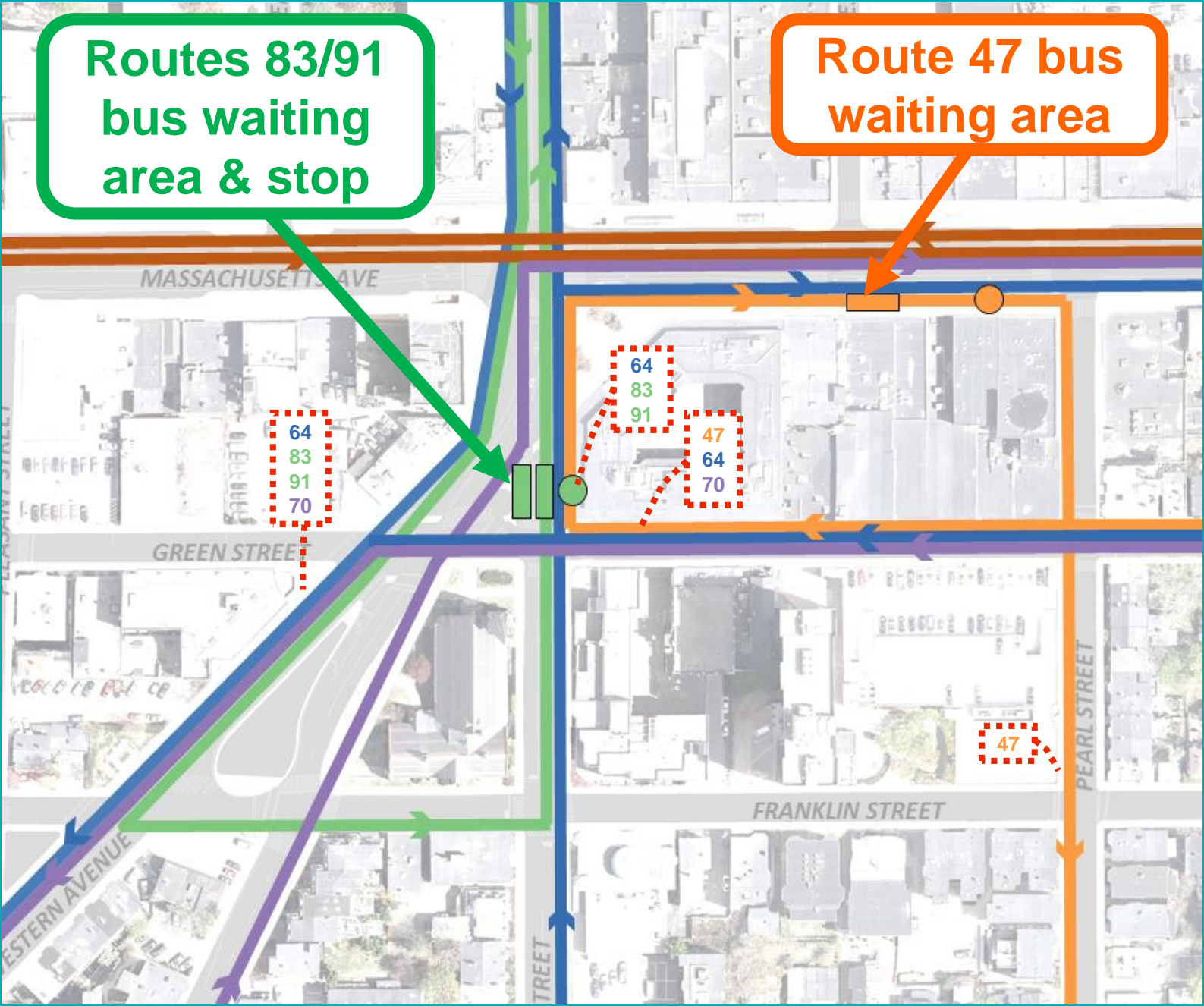
Observed uses of the plaza (simplified)



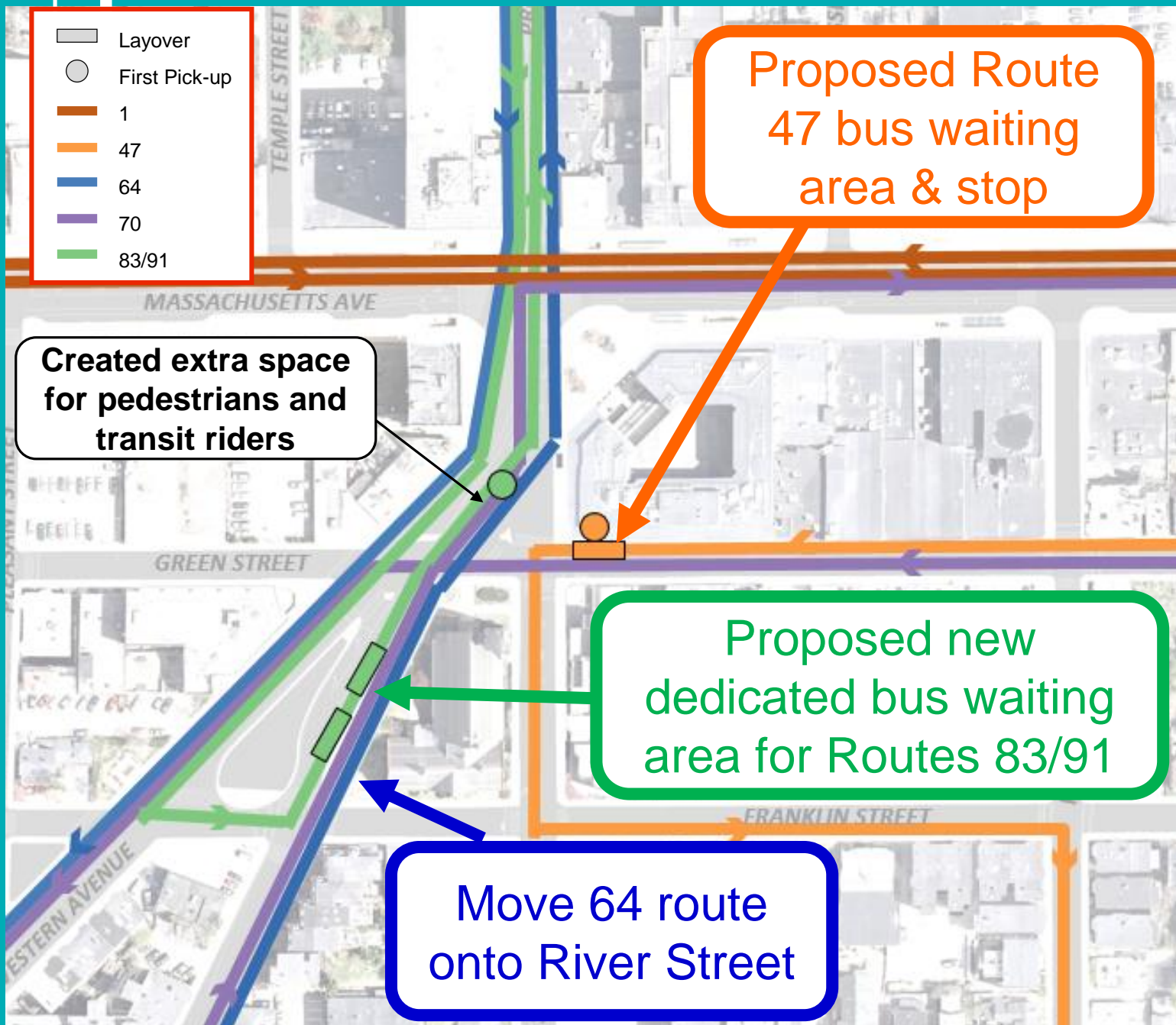
Butterfly Approach Overview



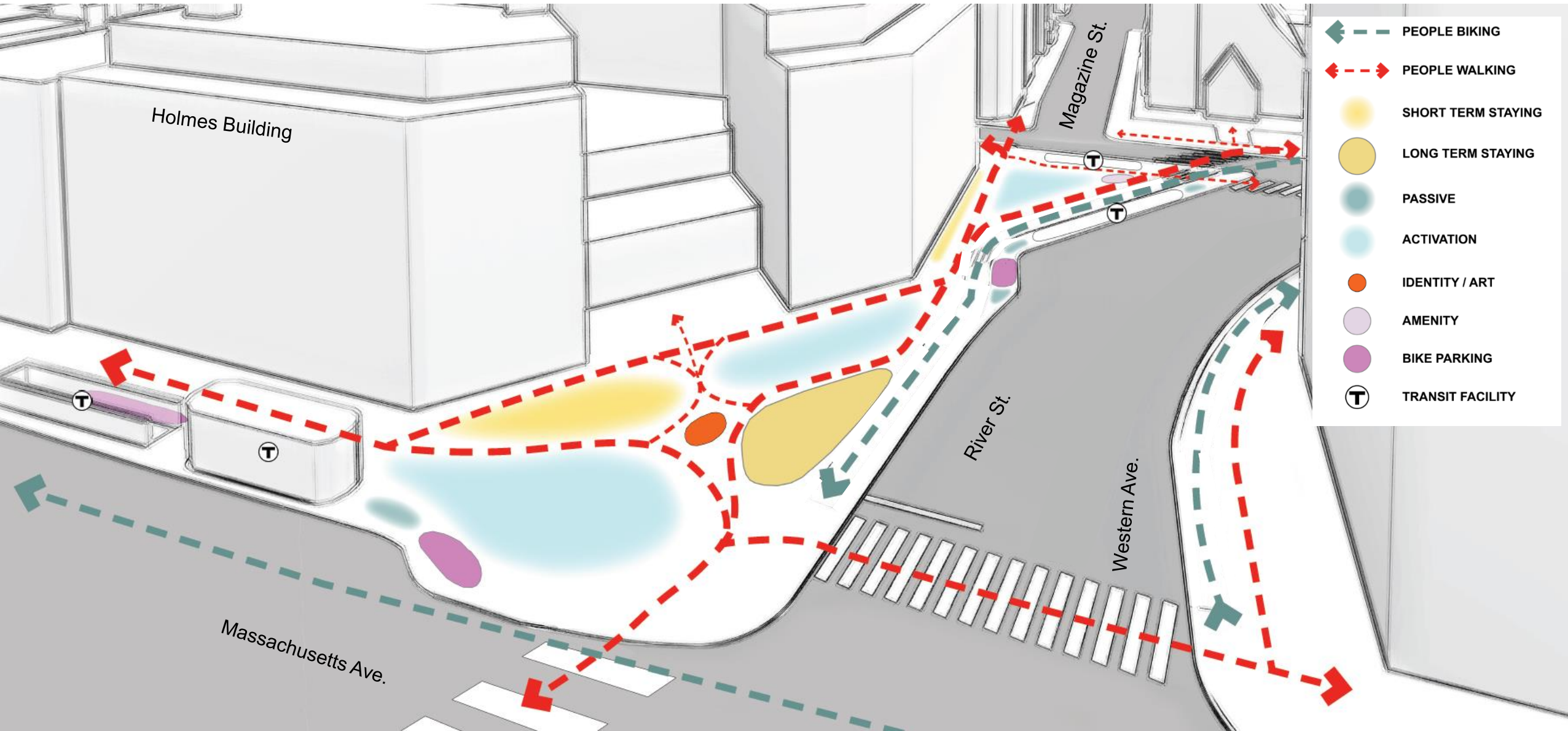
Today's Bus Routes



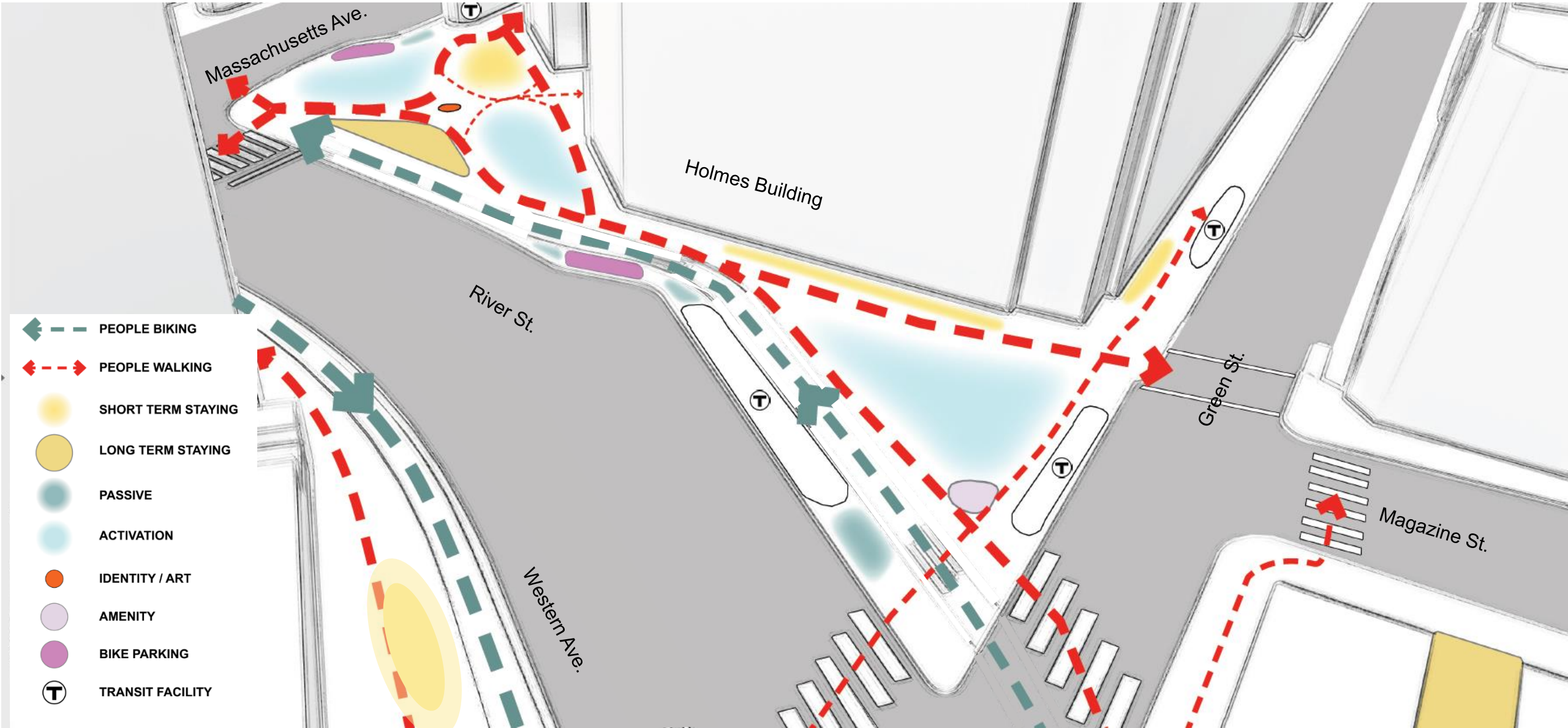
Bus Routes with New Plaza at Green Street



Potential uses of plaza w/o busway



Potential uses of plaza w/o busway





Butterfly Design Approach

Bicycle lane behind
bus stop waiting area

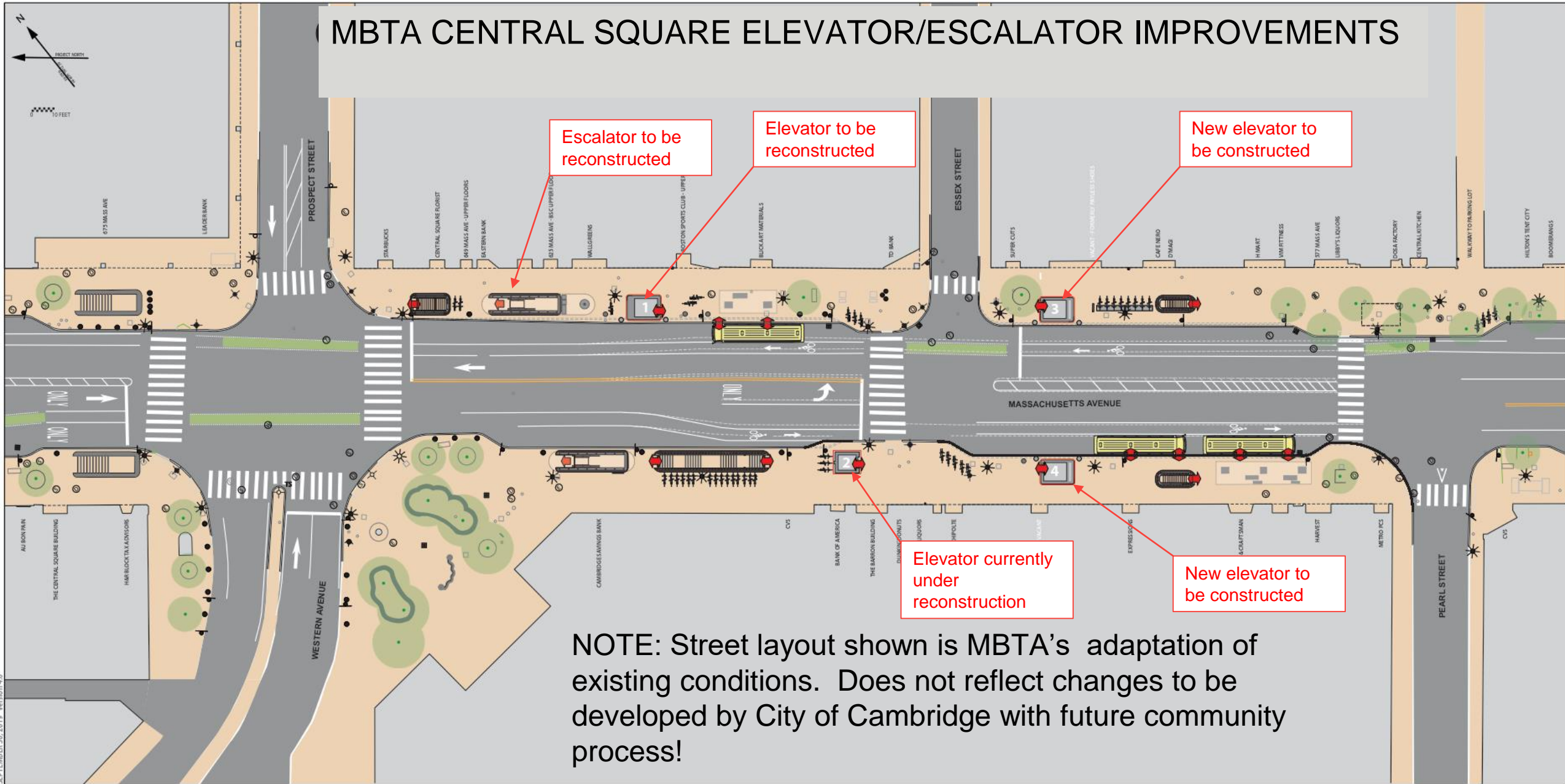
More discussion
about separation and
treatment needed



Potential River Street bus layover space

- Separation between uses with benches, planters and trees.

MBTA CENTRAL SQUARE ELEVATOR/ESCALATOR IMPROVEMENTS



NOTE: Street layout shown is MBTA's adaptation of existing conditions. Does not reflect changes to be developed by City of Cambridge with future community process!



METAL TUBE AS COLUMNS



PICKET ARTICULATION



ESCALATOR HEADHOUSE ROOF



COLORLED GLASS INSPIRED FROM EXISTING ELEMENTS



GLAZING AT ESCALATOR HEADHOUSE



TYPICAL EXISTING HEADHOUSE BASE



THANK YOU!

riverstreet@cambridgema.gov