

Union Street Protected Bike Lane

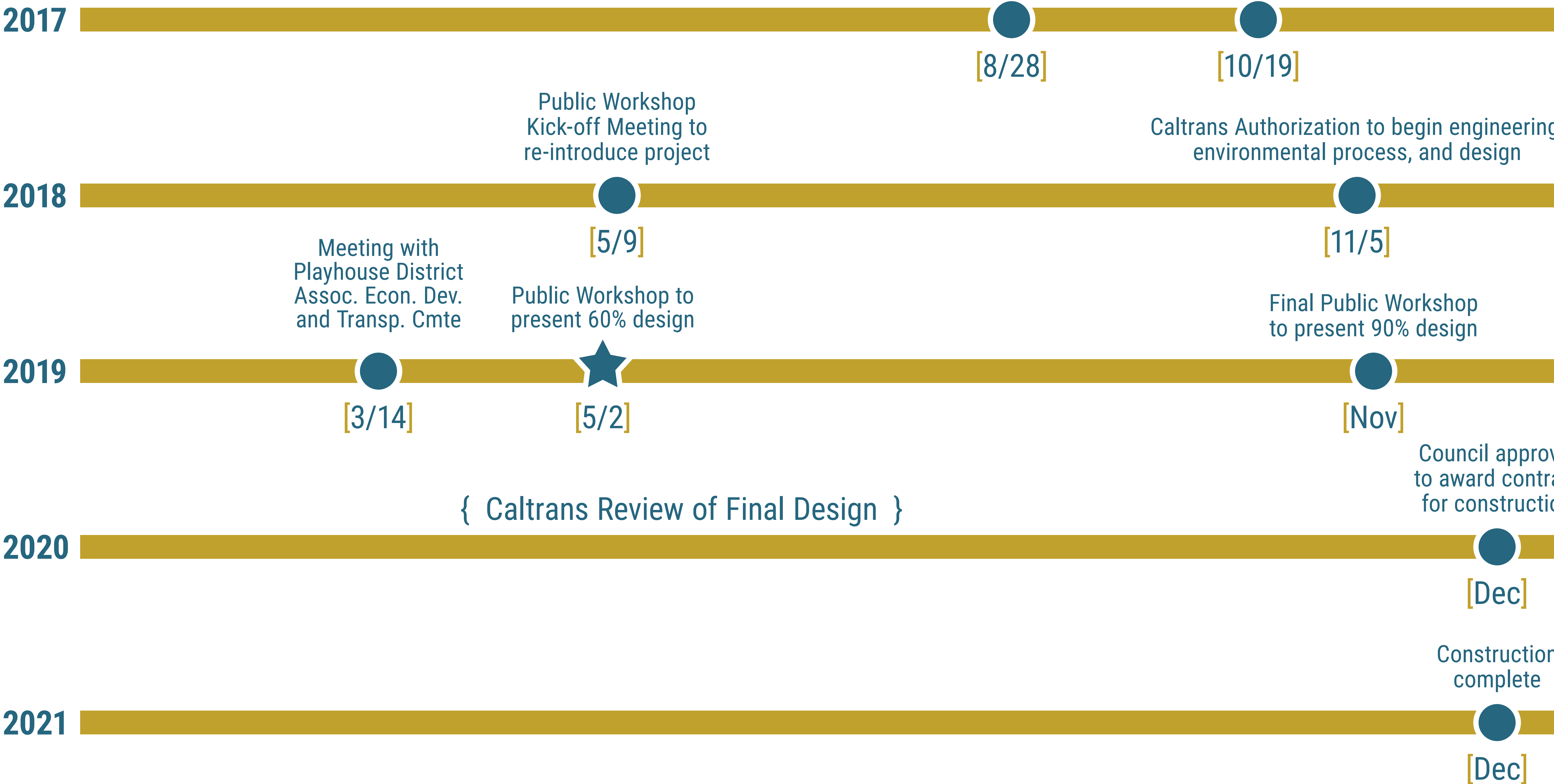


[Union Street at Holliston Avenue today]



[Union Street at Holliston Avenue with Two-Way Protected Bike Lane]

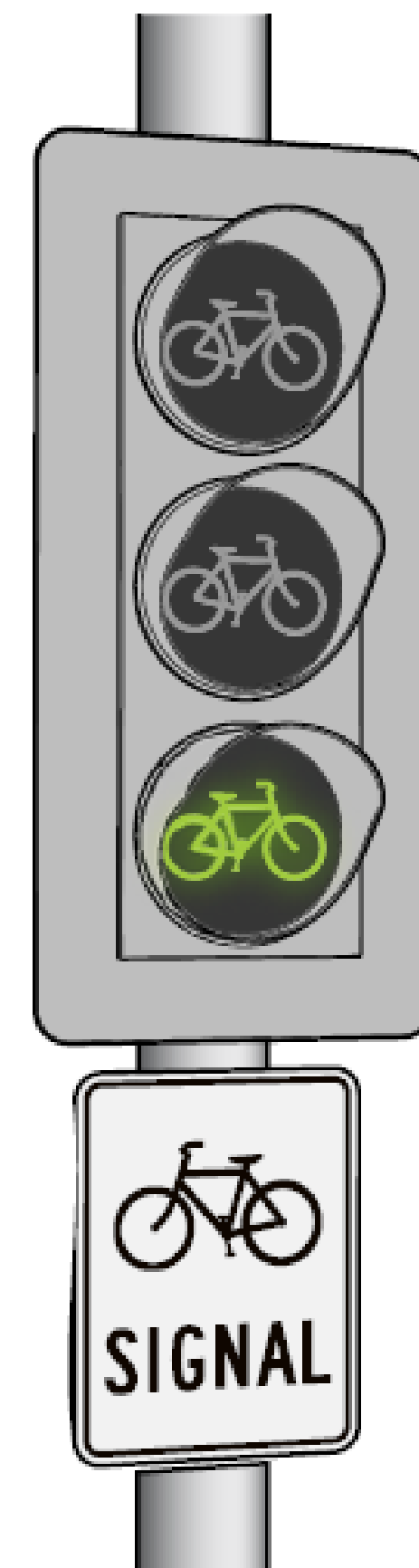
Project Timeline





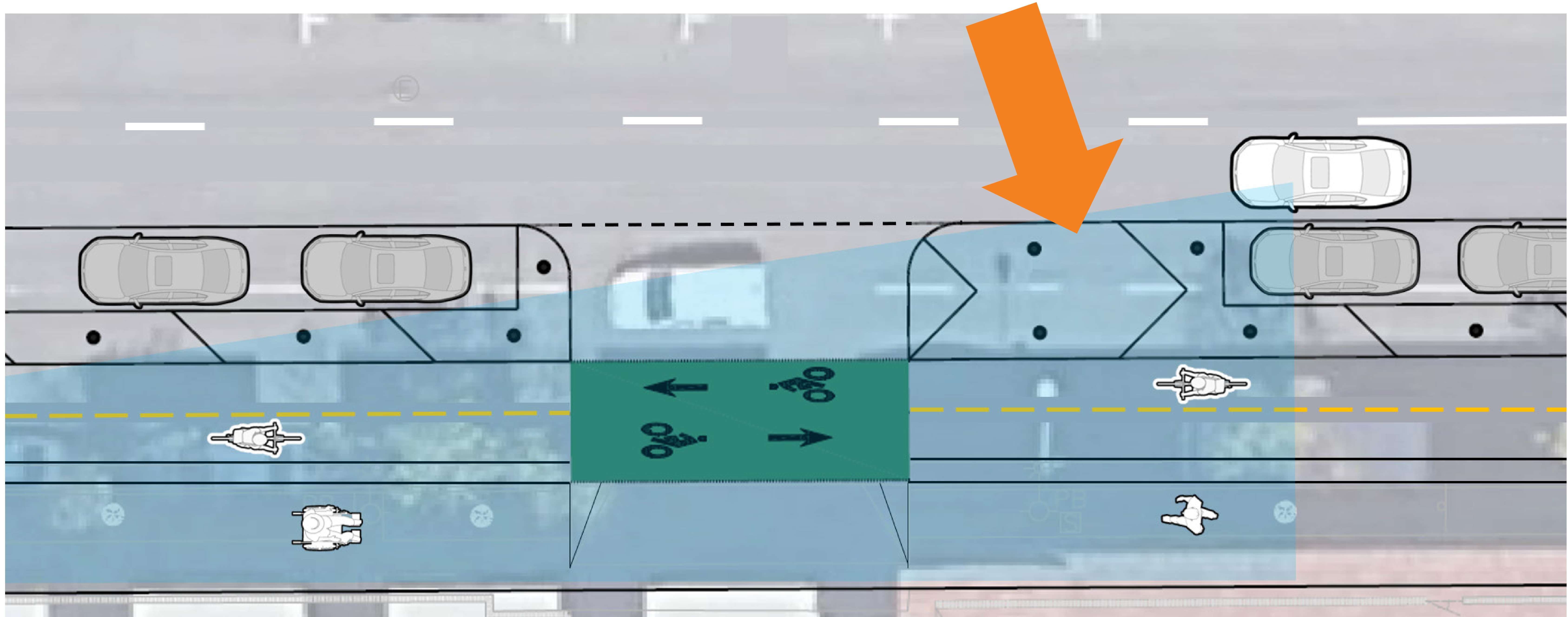
Safety Features

- Striped buffers
 - Next to on-street parking
- Raised buffers
 - Near intersections
 - Where parking or stopping is not currently allowed
- Bike signals
- New traffic signals at:
 - Mar Vista
 - Chester
 - Michigan
 - Holliston
- Green paint at driveways and intersection crossings
- “Daylighting” driveways (providing adequate visibility for all street users)



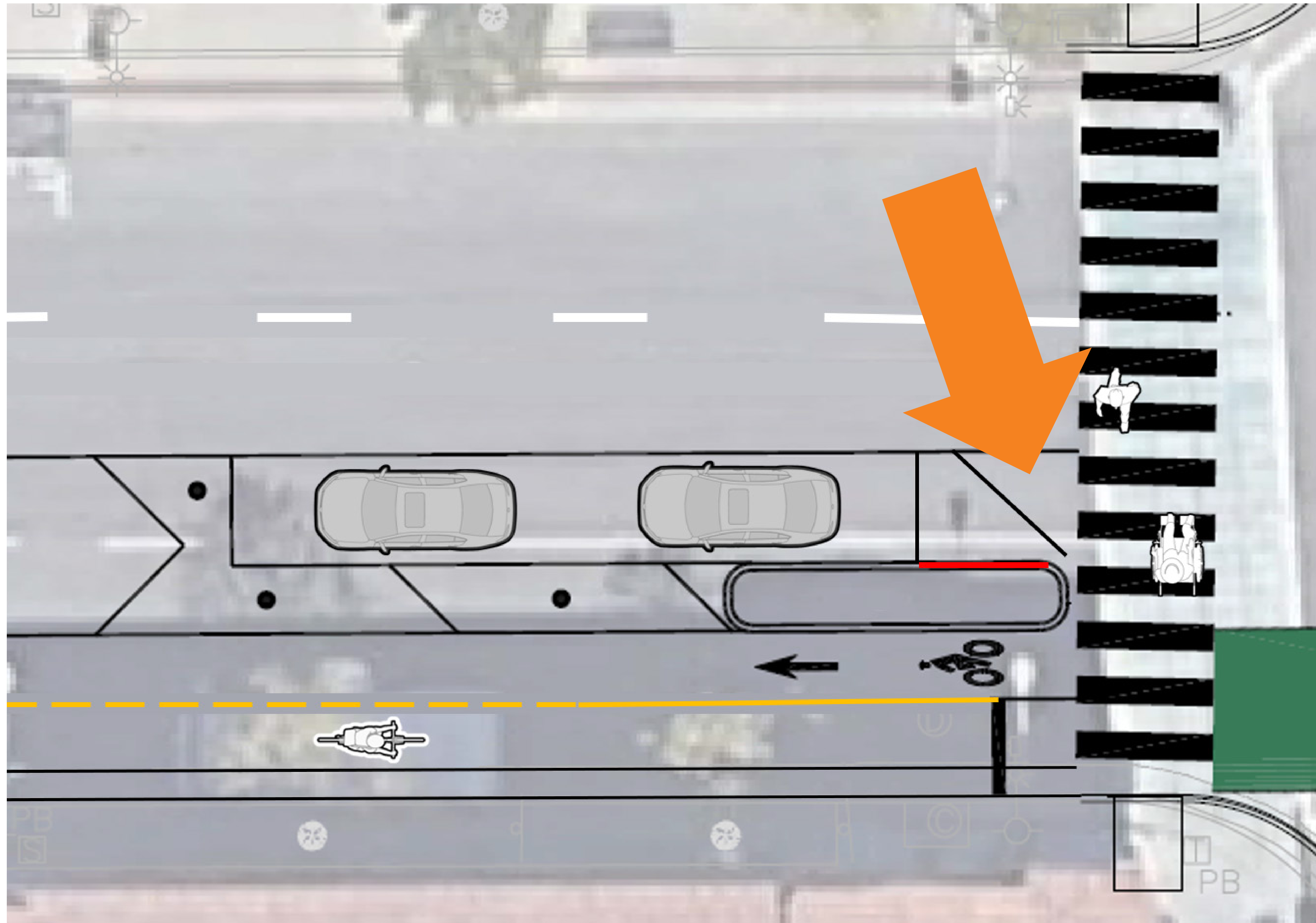
Safety Feature: “Daylighting” Driveways

Restricting parking upstream of driveways so that drivers can see bicyclists and pedestrians approaching from both directions



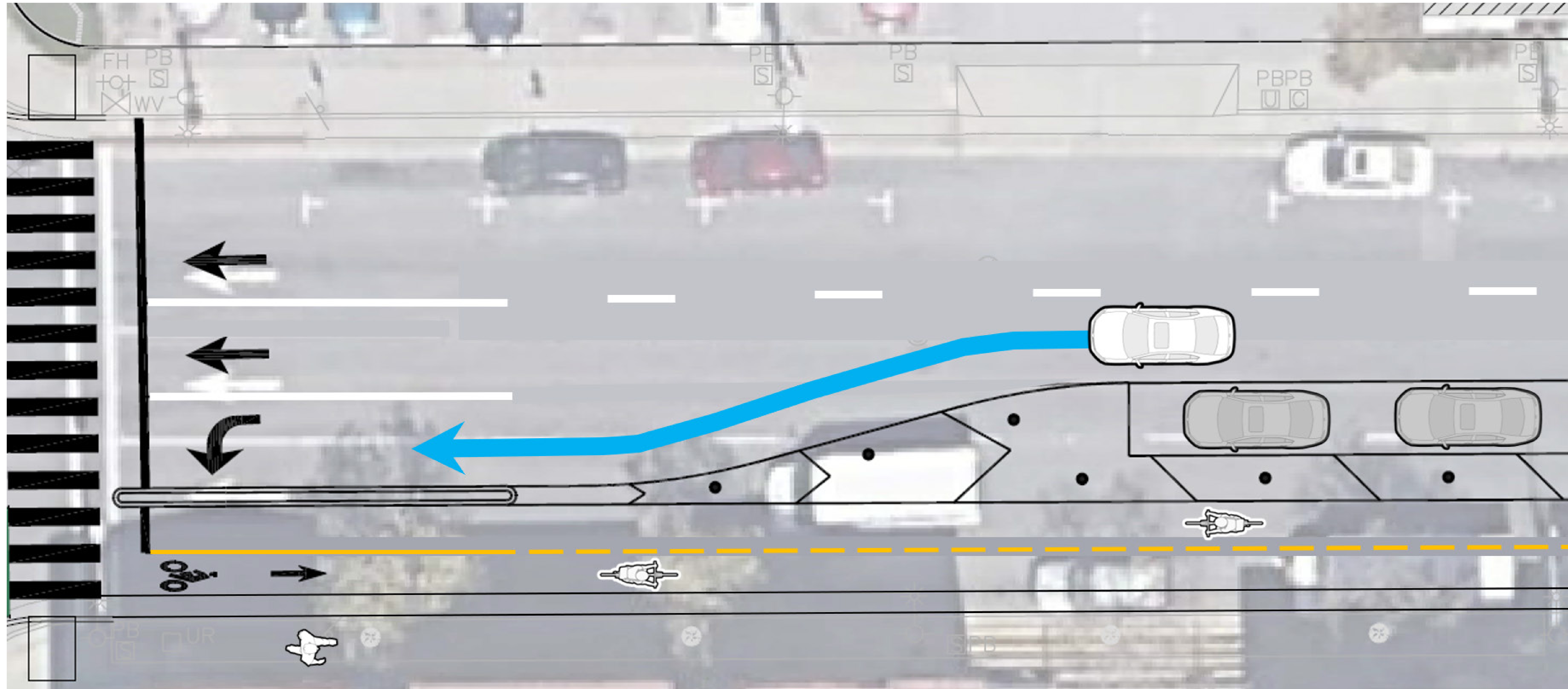
Driver's field of view

Maneuvering Space at Intersections



- Red curb and hatching 10 ft from crosswalk
- Drivers can use this space to enter/exit parking space
- Crosswalk is not used for parking maneuvers

Parking restrictions where left-turn lanes begin



Safety Feature: Raised Crossings at High-Volume Driveways

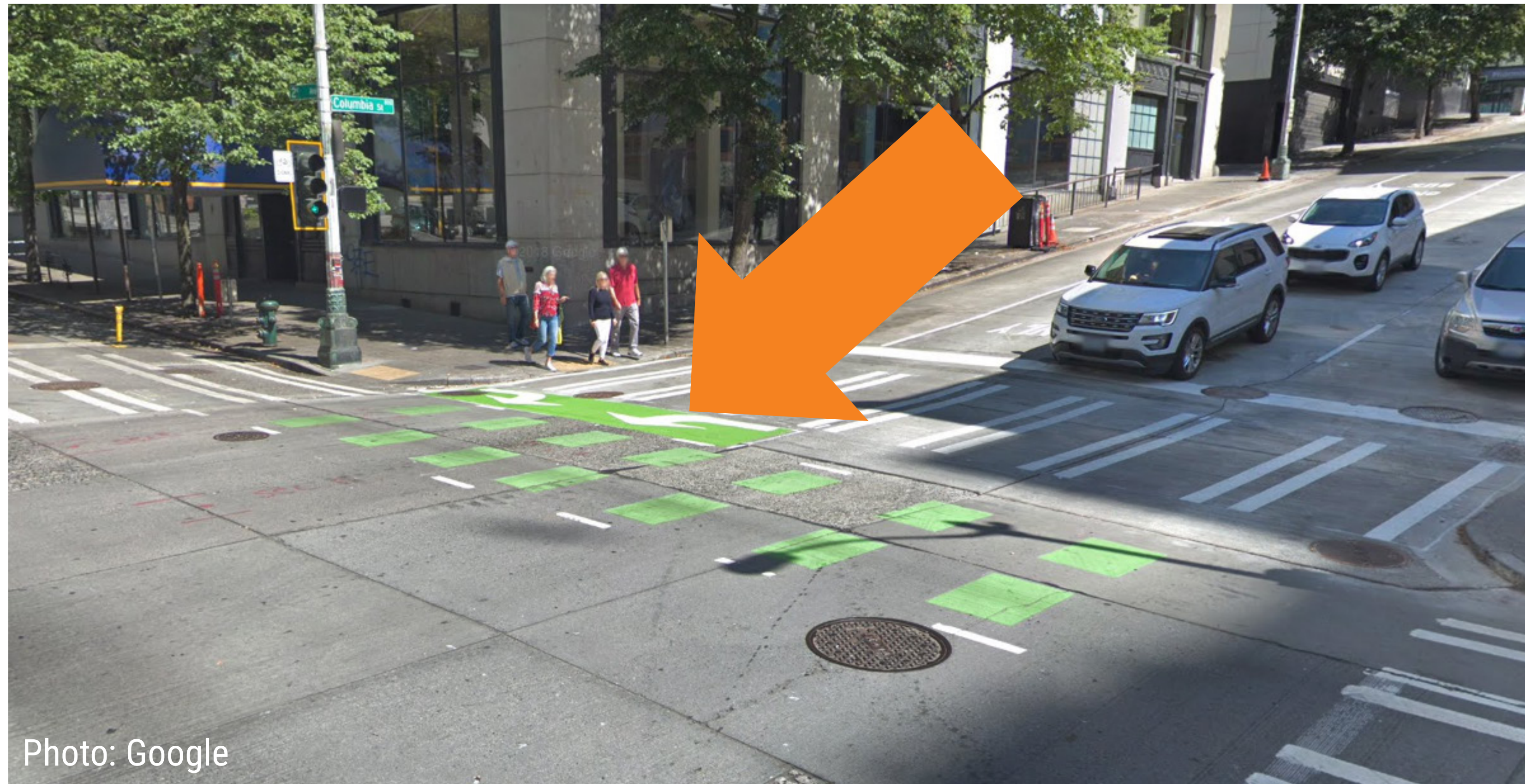
[2nd Avenue in Seattle]



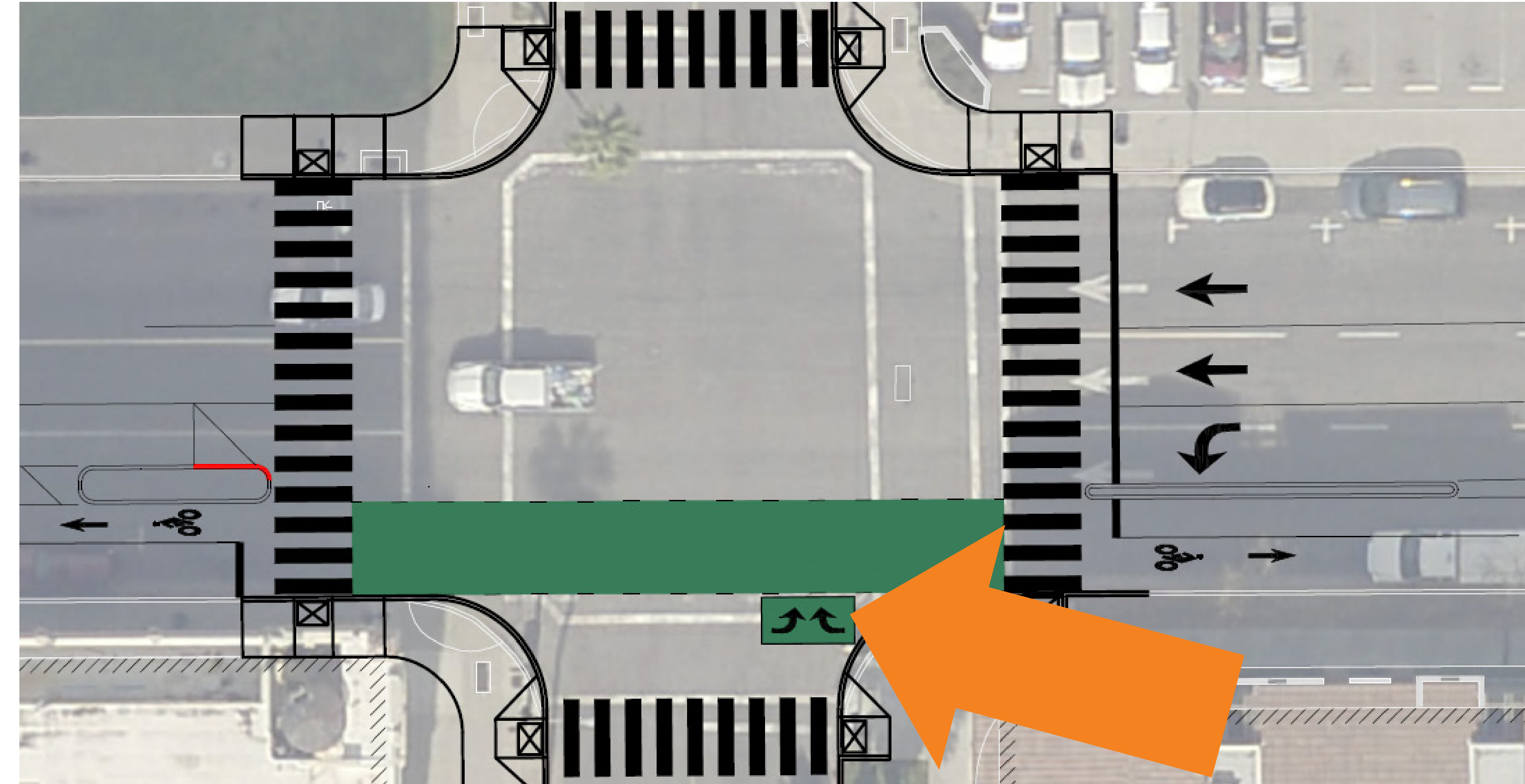
- Help make bicyclists more visible
- Emphasizes sidewalk
- Communicates to drivers entering or exiting driveway that they should expect and yield to bicyclists and pedestrians
- Bicyclists are more aware of potential presence of motorists entering/exiting the driveway

Safety Feature: Two-stage Turn Queue Boxes

[2nd Avenue in Seattle]

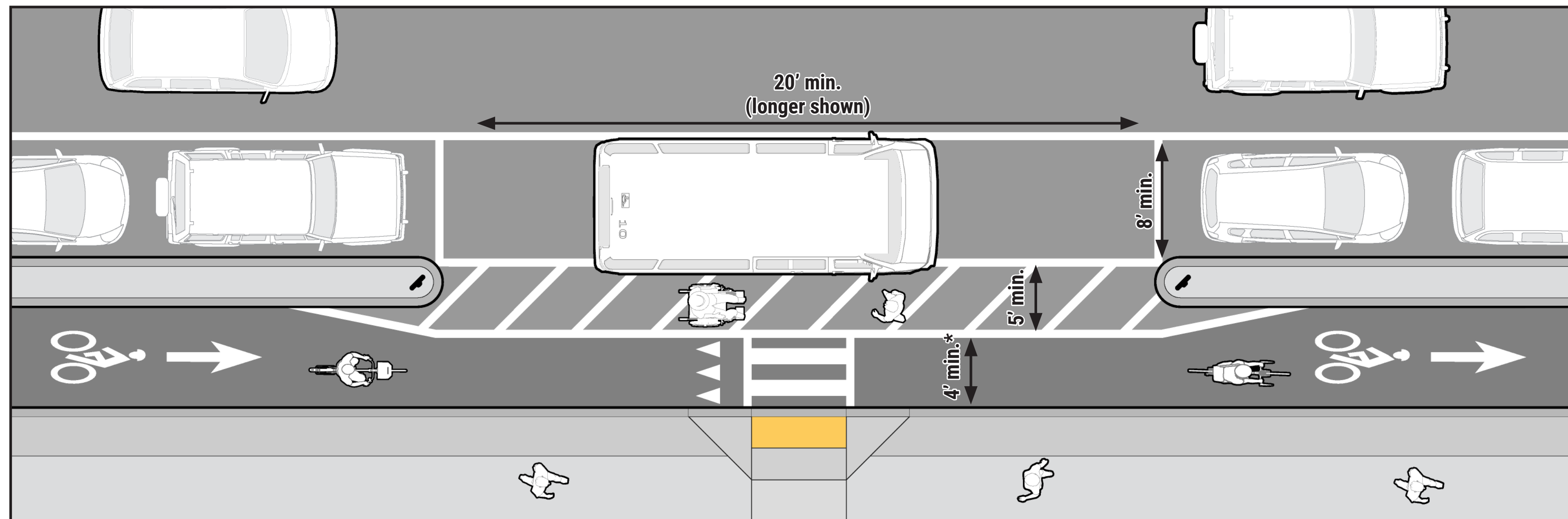


[Example location along Union Street]

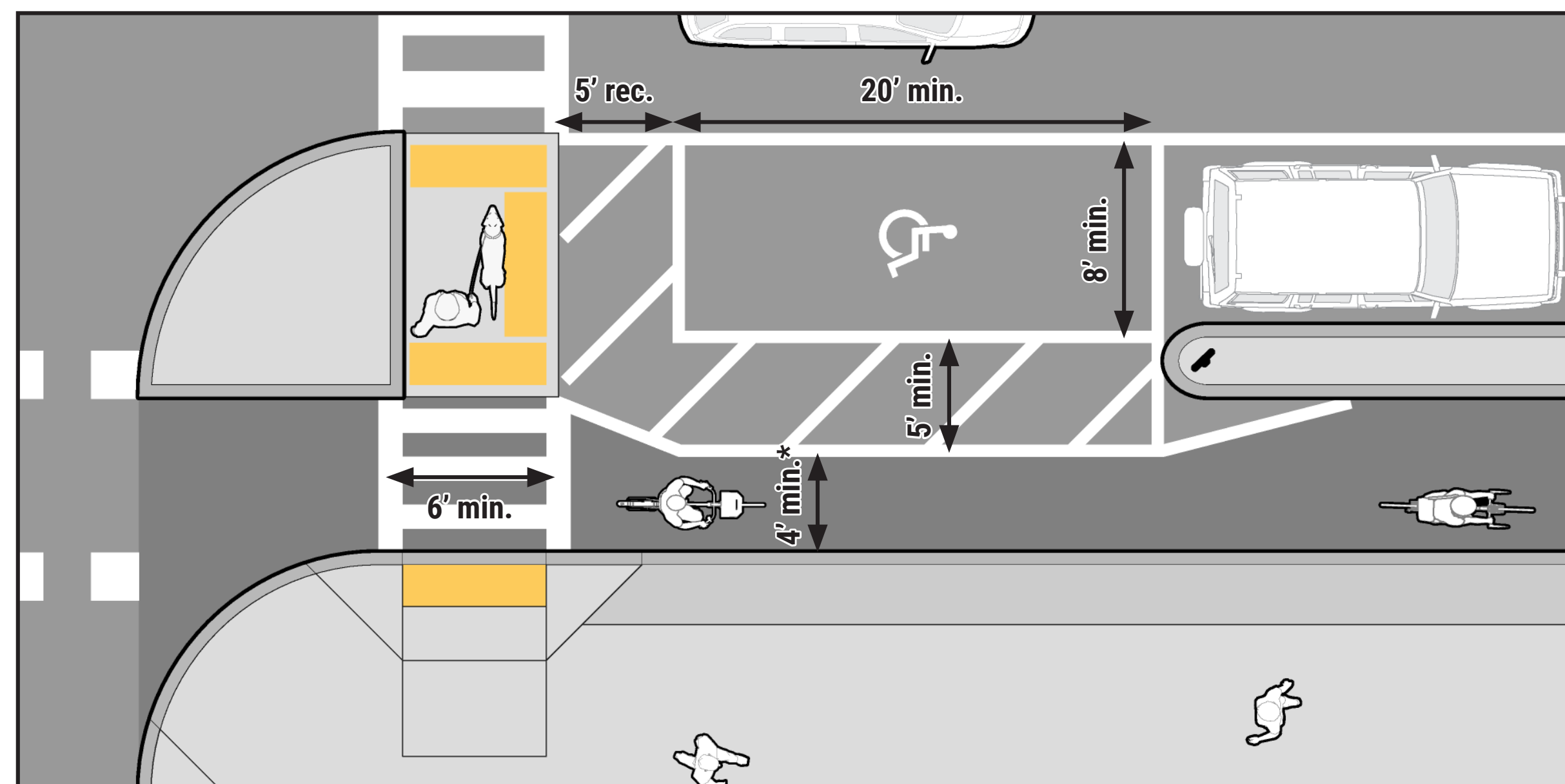


- Make turns easier for people riding bicycles
- People riding bicycles make turns in two stages using box and signal indications
- Union Street queue boxes will help bicyclists turn north
- Located between the crosswalk and the bike crossing

Safety Features: Curbside Management

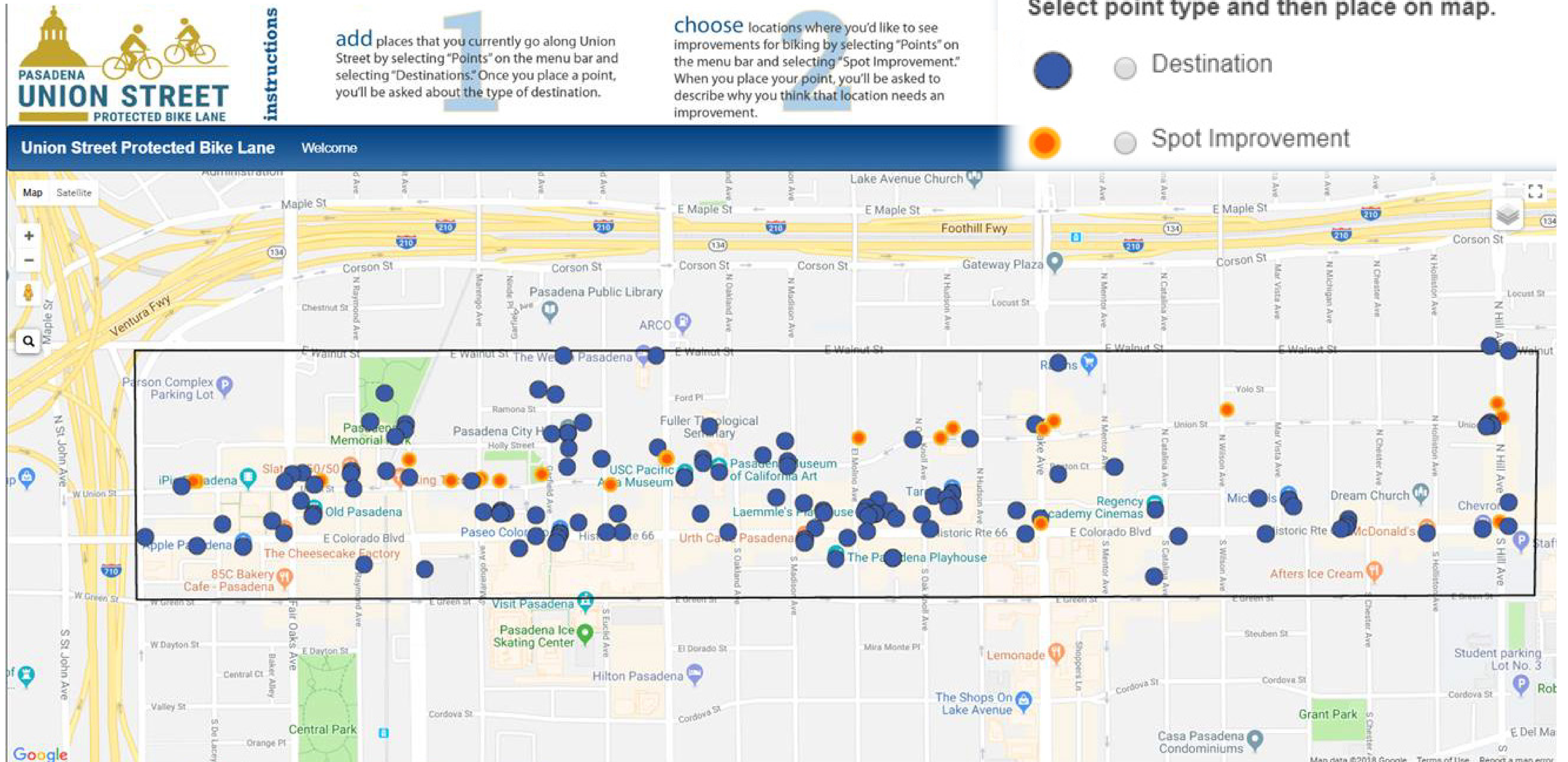


- Designated parking and loading sites for accessible crossings of the bike lane
- May be located mid-block or at end of block
- Locations to be determined in next phase of design



- Existing loading zones to be maintained near current locations
- Exact locations to be determined in next phase of design

Points



<http://wikimapping.com/wikimap/Union-Street-Protected-Bike-Lane.html>

Union Street Traffic

