



River Drive Buffered Bike Lanes

Public Meeting
May 29, 2024



Project Introduction

Councilwoman Tina Herbert, District 1



Planning Together for Multimodal Transportation

- Walk Bike Columbia Pedestrian + Bicycle Master Plan (2015)
- Columbia Compass (2020)
- SCDOT Complete Streets Directive DD28 (2021)



Walk Bike Columbia

- Planning for a vision
- Extensive public engagement
- Policies, Programs, + **Projects**

Vision, Goals & Objectives

Walk Bike Columbia envisions an expanded and ADA-accessible network of transit, sidewalks, greenways, trails, and on-street bicycle connections linking people to jobs, schools, destinations, adjacent communities, and one another. The network serves residents, commuters, students, and visitors alike. Walking, biking and transit are an integral part of City projects, policies, and programs and are perceived as routine, efficient, safe, and comfortable options for both transportation and recreation. People of all ages and abilities enjoy walking and biking and benefit from enhanced quality of life, public health, and economic opportunity.

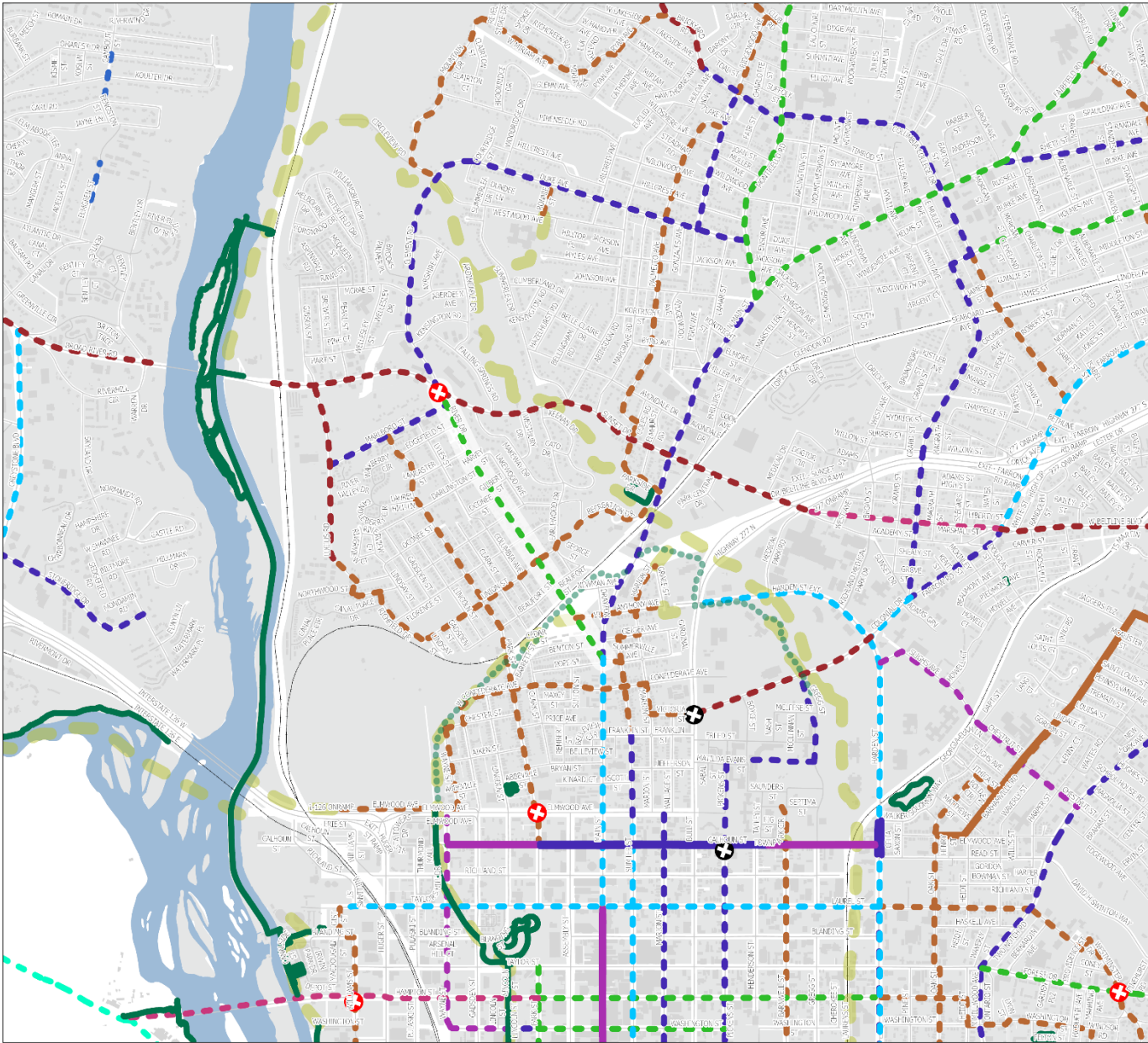
- | | | | |
|----------------|--|----------------|--|
| GOAL 01 | Choice - Provide a range of transportation options to advance Columbia's multimodal linkages and transportation culture. | GOAL 05 | Awareness - Increase education, encouragement, and enforcement related to biking and walking to build confidence for residents. |
| GOAL 02 | Accessibility – Institutionalize universal design principals to meet the needs of all modes and all users. | GOAL 06 | Usage – The transit-, walking-, and biking-environment will help inspire movement in everyday life. |
| GOAL 03 | Connectivity and Convenience – Biking, walking, and using transit for transportation will be easy, efficient, and routine activities. | GOAL 07 | Implementation – Local leadership, coordination, and funding will allow the continued growth of the network. |
| GOAL 04 | Safety and Comfort – Improve safety while designing attractive and comfortable streets, trails, and greenways for all users. | GOAL 08 | Evaluation – The City will measure progress towards advancing the vision and goals of Walk Bike Columbia. |



About the Project

- SCDOT resurfacing
- City involvement
- Schedule
 - Resurfacing complete
 - Comments + Path Forward
 - Permanent Markings
- Connectivity

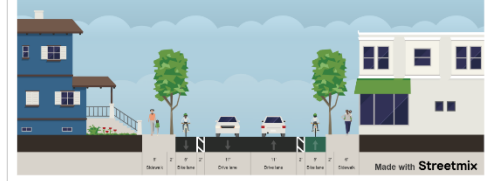
Walk Bike Columbia Pedestrian & Bicycle Master Plan



Buffered Bike Lanes

Buffered bike lanes are conventional bicycle lanes paired with a designated buffer space, separating the bicycle lane from the adjacent motor vehicle travel lane and/or parking lane. Buffered bike lanes are designed to increase the space between the bike lane and the travel lane and/or parked cars. This treatment is appropriate for bike lanes on roadways with high motor vehicle traffic volumes and speed, adjacent to parking lanes, or a high volume of truck or oversized vehicle traffic.

River Drive Buffered Bike Lanes



Facilities In Design

- Proposed River Drive Restriping Project
- Vista Greenway Extension

Existing Bike Facilities/Paths

- Bike Boulevard
- Bike Lane
- Shared Lane Markings
- Shared Use Path or Greenway

Facilities Recommended by Walk Bike Columbia

- Bikeways**
 - Bike Boulevard
 - Bike Lanes
 - Buffered Bike Lanes
 - Cycle Track (1-way)
 - Cycle Track (2-way)
 - Infill Street
 - Shared Lane Markings
 - Sidepath
- Greenway Connections**
 - Greenway Connections
 - Bikeways (Out of Service Area)
- Intersection Improvements**
 - Bicycle/Pedestrian Cut-through
 - Intersection Improvements



Walk Bike Columbia Pedestrian & Bicycle Master Plan

Buffered Bike Lanes

Buffered bike lanes are conventional bicycle lanes paired with a designated buffer space, separating the bicycle lane from the adjacent motor vehicle travel lane and/or parking lane. Buffered bike lanes are designed to increase the space between the bike lane and the travel lane and/or parked cars. This treatment is appropriate for bike lanes on roadways with high motor vehicle traffic volumes and speed, adjacent to parking lanes, or a high volume of truck or oversized vehicle traffic.

River Drive Buffered Bike Lanes

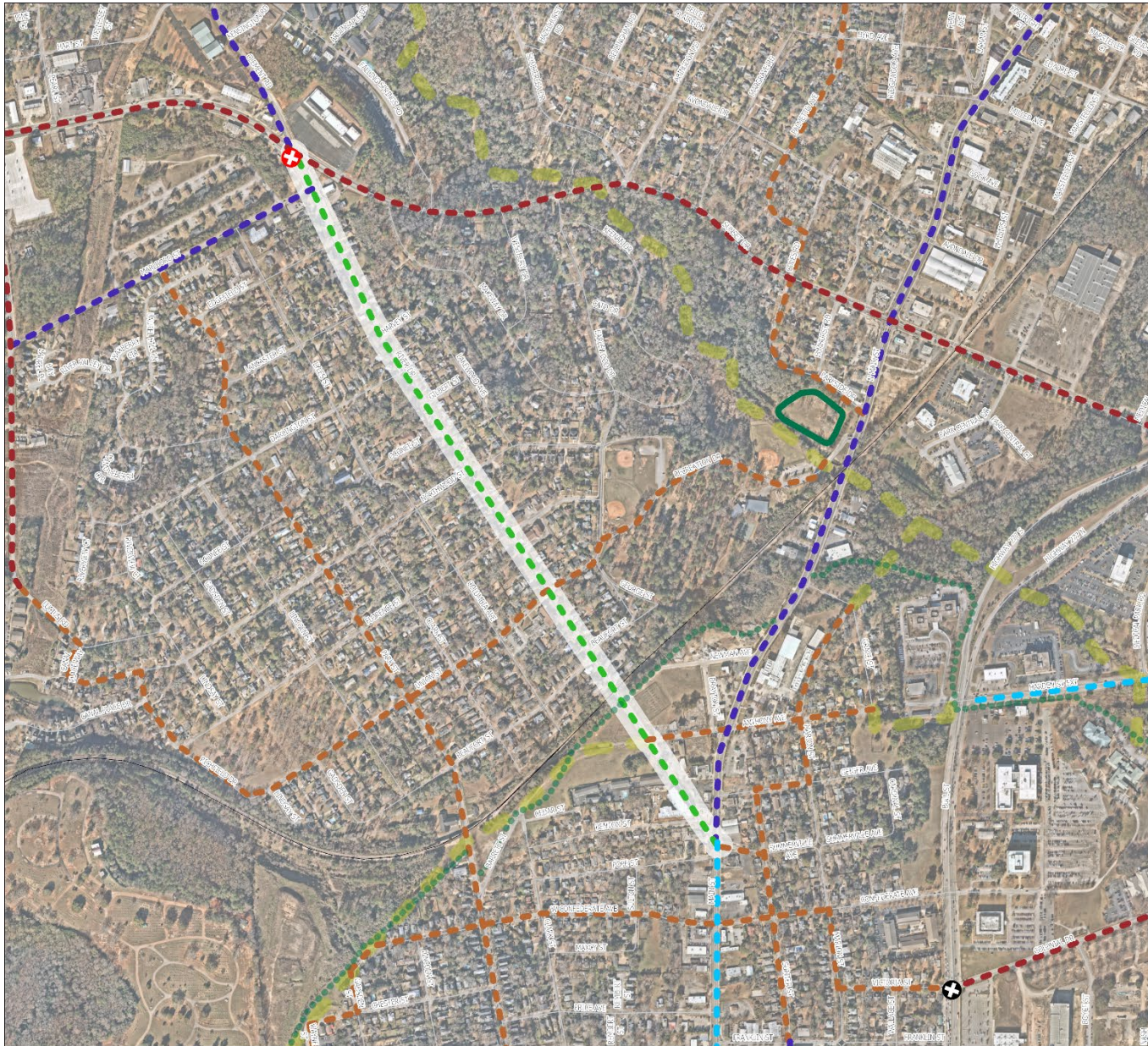


Facilities In Design

- ◻ Proposed River Drive Restriping Project
 - ◐ Vista Greenway Extension
- #### Existing Bike Facilities/Paths
- ▬ Shared Use Path or Greenway

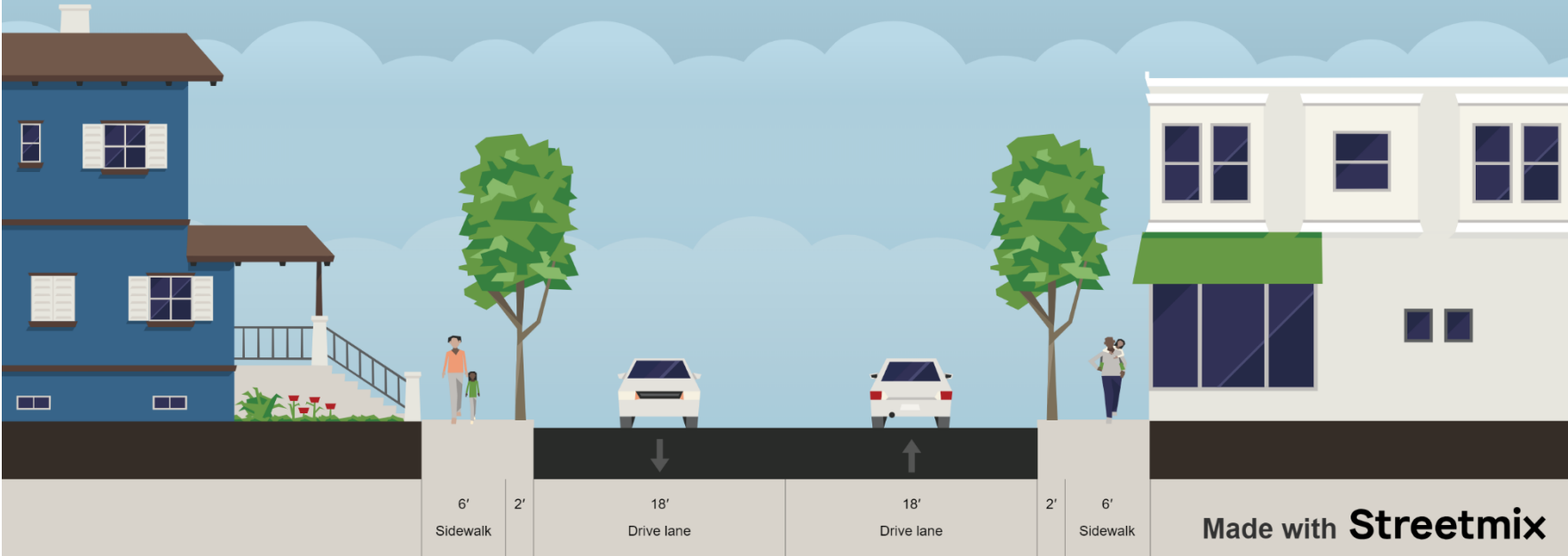
Facilities Recommended by Walk Bike Columbia

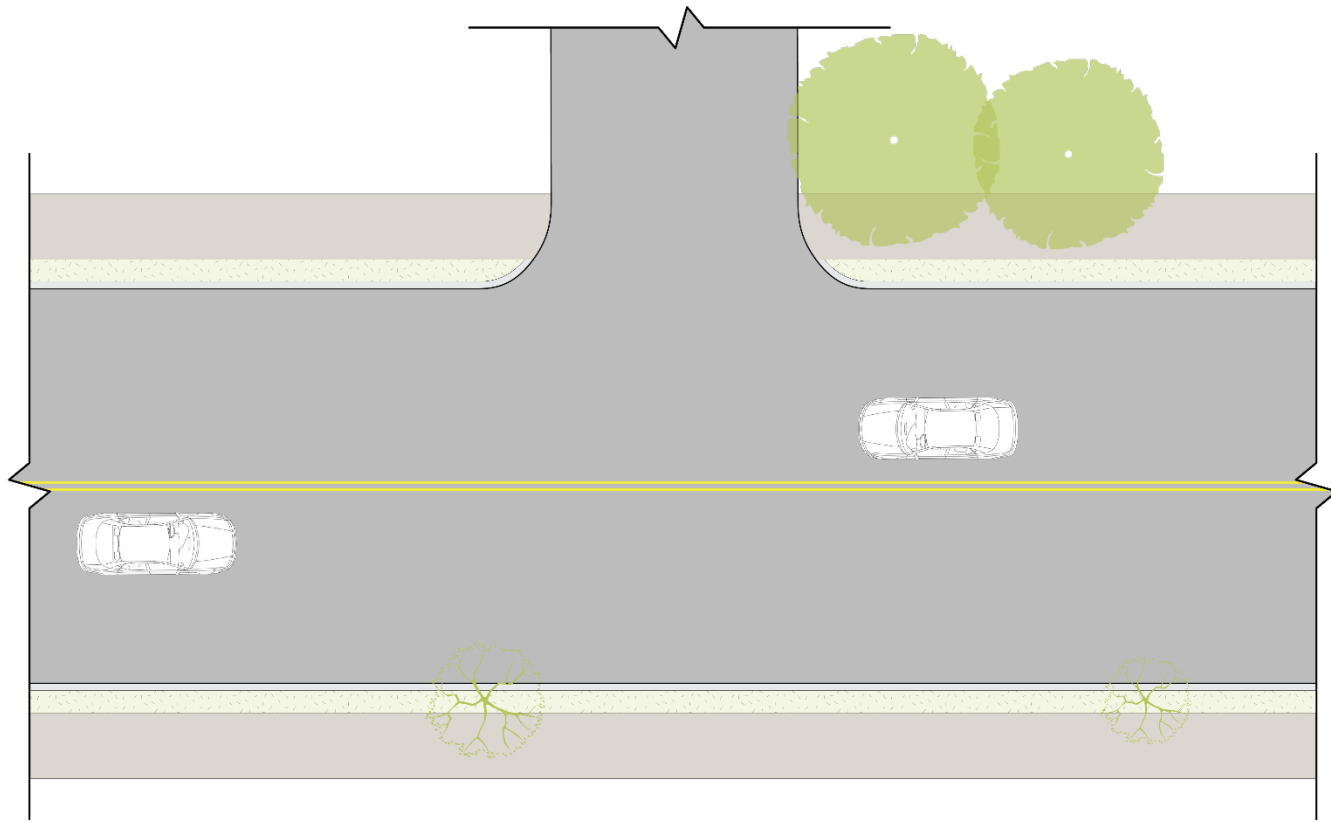
- | | |
|-----------------------|----------------------------------|
| Bikeways | Greenway Connections |
| ▬ Bike Boulevard | ▬ Greenway Connections |
| ▬ Bike Lanes | Intersection Improvements |
| ▬ Buffered Bike Lanes | ⊕ Bicycle/Pedestrian Cut-through |
| ▬ Cycle Track (1-way) | ⊕ Intersection Improvements |
| ▬ Sidepath | |





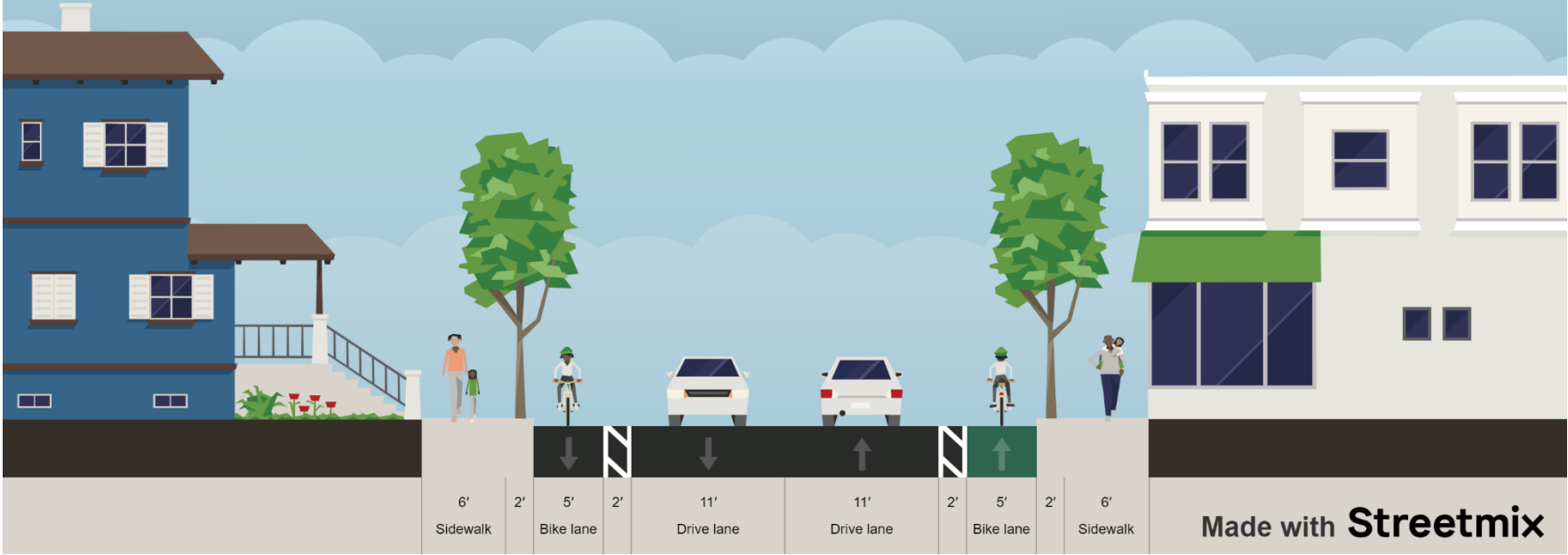
River Drive Existing Conditions

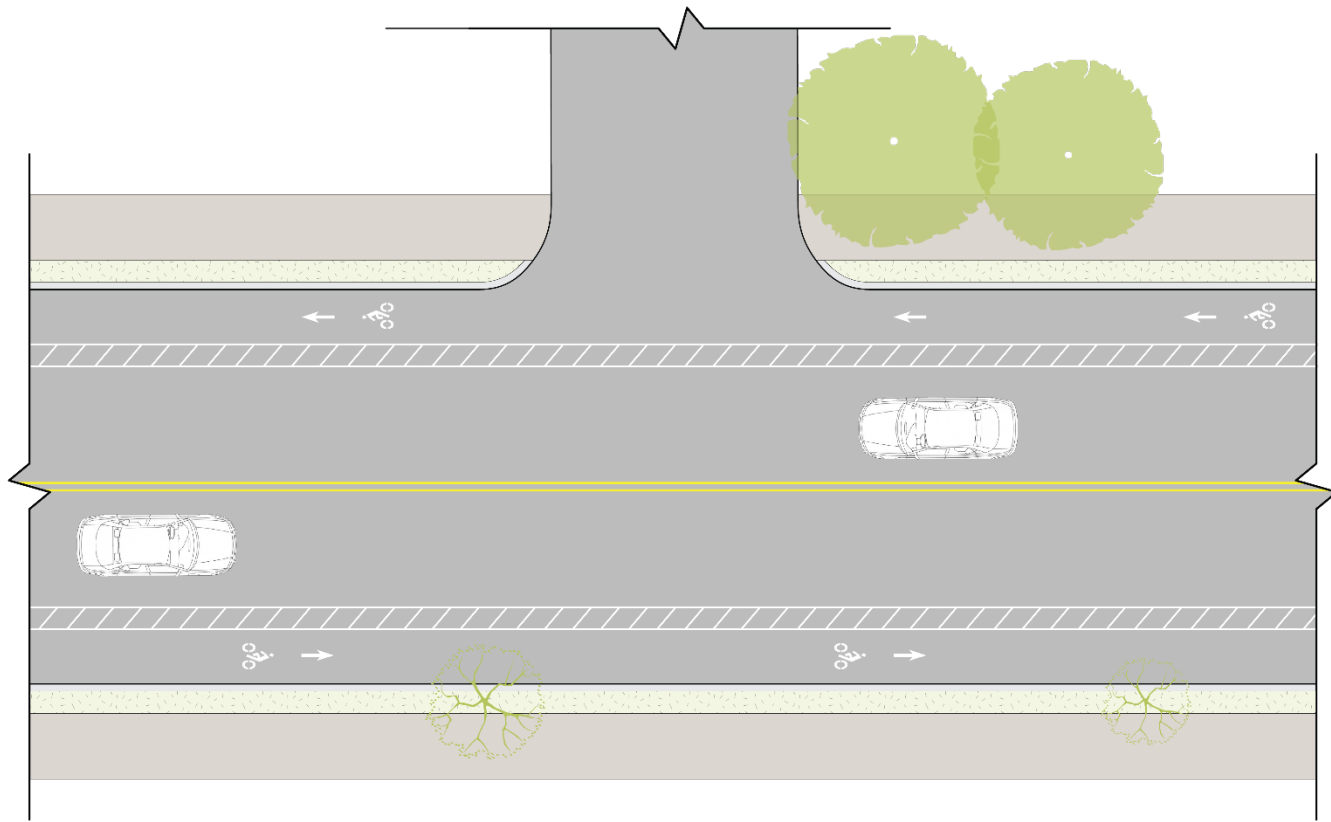






River Drive Buffered Bike Lanes







What's Next?

- Chat with us tonight until 6PM
- Submit written comments tonight, or email transportationplanning@columbiasc.gov by Friday, May 31st at 5PM



Access meeting materials + more at bit.ly/PDS-Projects