



Central Park Rd @ Riverland Drive

Thursday, September 23, 2021

Project Manager: Devri Detoma, PE

County Council Directive After June 4, 2021 Council Meeting

1

Redefine the Purpose and Need

Council has requested the Purpose and Need be changed to “To improve safety at the intersection of Riverland Drive and Central Park Road for all modes of transportation while minimizing impacts to adjacent property and grand trees.”

2

Design and Installation of Painted Crosswalks, Turn Lane and Flashing Lights

Council has requested the installation of painted crosswalks in each direction at the existing Central Park Rd stop sign as well as installing a flashing light on Riverland at the crossing. A short right turn lane on Central Park Rd will be added to allow traffic to turn right as cars are waiting to turn left.

3

Construct Riverland Drive Sidewalk/Path

Council has requested a design to tie to Woodland Shores sidewalk and Camp Road Sidewalk/ Riverland Drive multi-use path and authorize use of eminent domain to the extent necessary to effect the same which will promote connectivity by tying the County’s sidewalk project to the recently completed SCDOT roundabout project at Camp Rd.

4

Reduce the Speed Limit on Riverland Drive

Council has requested County Staff to evaluate reducing the speed limit on Riverland Drive to 25mph between Maybank Hwy and Camp Road. .

Design and Installation

Crosswalks, Turn Lane, Flashing
Lights





Proposed Installation of Crosswalks and Rectangular Rapid Flashing Beacon (RRFB)



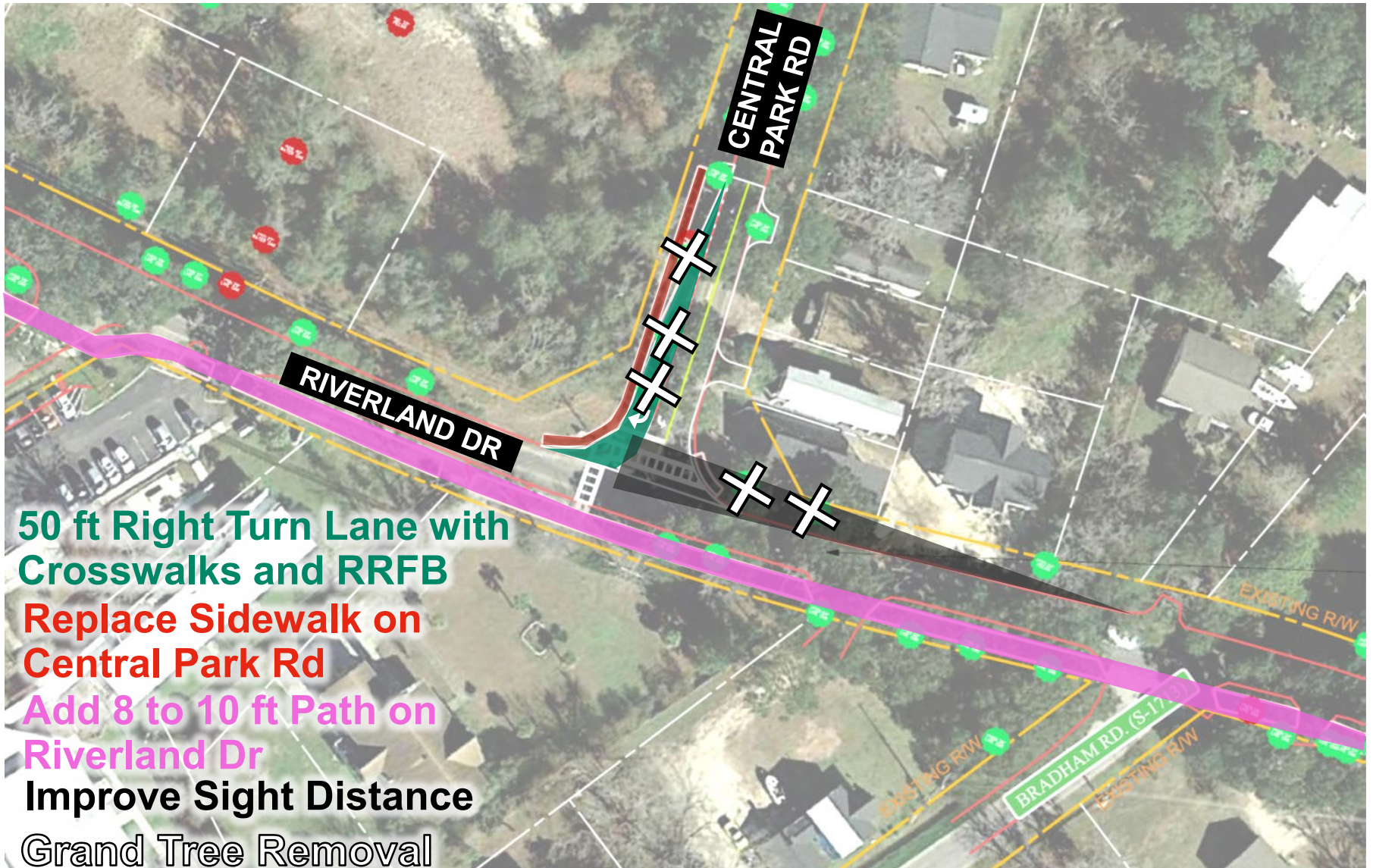


Rectangular Rapid Flashing Beacon (RRFB)





Proposed Intersection Changes



Construct Riverland Drive Sidewalk/Path

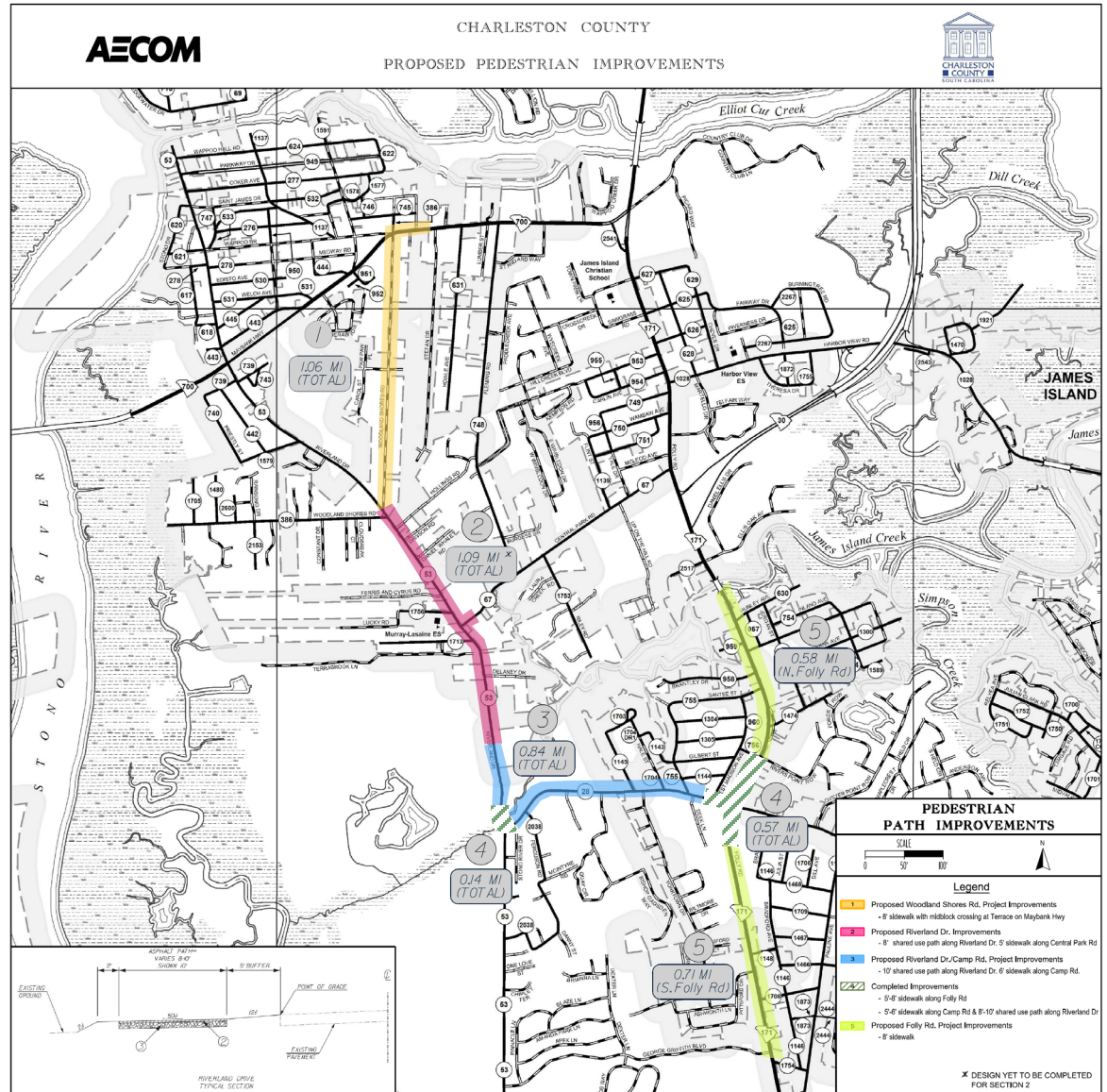
Fill in the gaps between Woodland
Shores and Camp





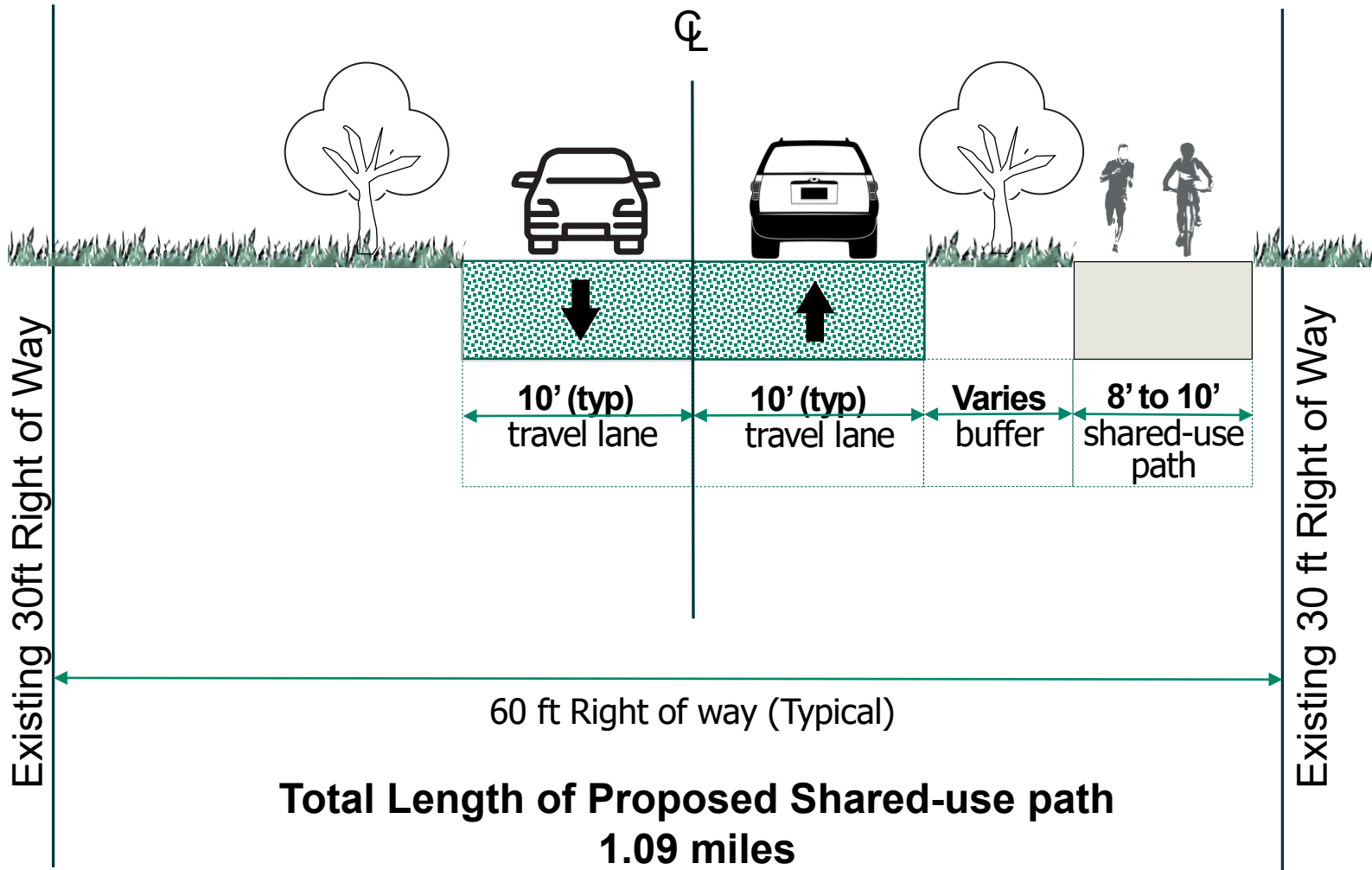
Proposed Riverland Drive Sidewalk/Path

-  Woodland Shores 8 ft Sidewalk
-  Riverland Drive 8 ft to 10 ft Path
-  Riverland/Camp Improvements
 - 10 ft Path on Riverland
 - 6 ft Sidewalk on Camp
-  Folly Rd 8 ft Sidewalk
-  Completed Improvements





Proposed Riverland Drive Sidewalk/Path – Typical Section



Reduce the Speed Limit

Request to reduce from 35mph





Speed Reduction Not Planned

- **Council Recommended to reduce the speed on Riverland Drive from 35mph to 25mph**
 - **SCDOT Completed a Speed Study.**
 - **The Study found 79% of vehicles are traveling faster than 35mph.**
 - **SCDOT does not approve a reduction in speed limit and states:**
 - Artificially reducing the speed is not effective at reducing the actual travel speeds but instead results in greater amount of non-compliance with the posted speed limit.
 - **SCDOT Has notified Charleston County Sheriff's Office of the Speeding observed in an attempt to increase enforcement.**
 - **SCDOT did notice signage issues during their study and they will be correcting them. These corrections include moving warning curve signs to the correct locations, installing pedestrian crossing signs at the existing crosswalk, and installing a flashing beacon on top of the intersection ahead sign.**



Questions?