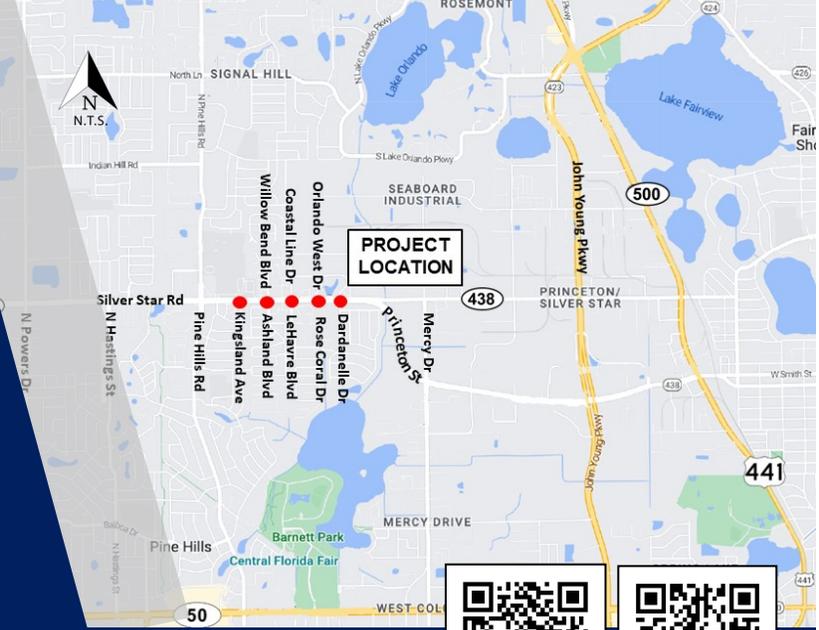




Silver Star Road (S.R. 438) Intersection Improvements From Homestead Road to Princeton Street

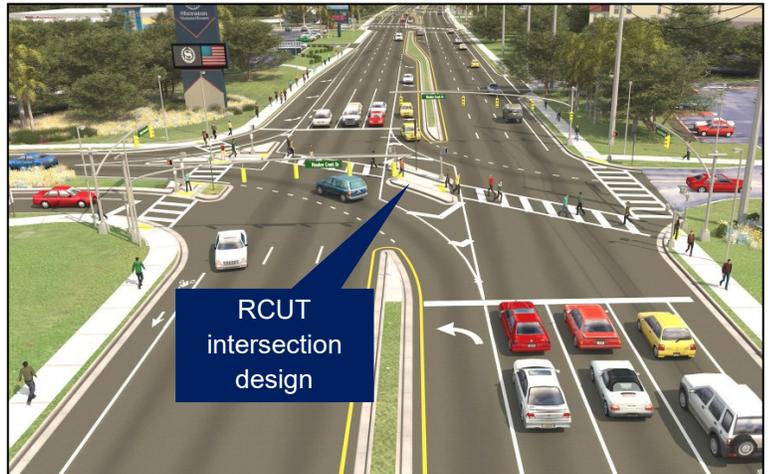
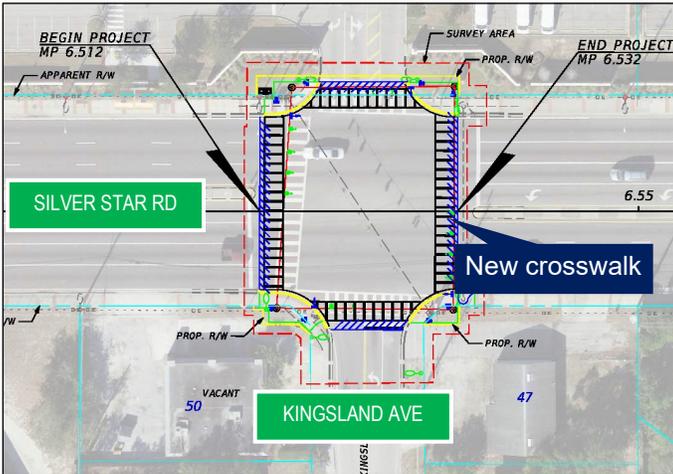
Orange County

Financial Project Identification (FPID) Nos.:
445696-1 and 445696-2



Project Description

The Florida Department of Transportation (FDOT) proposes pedestrian safety improvements at five intersections along Silver Star Road (State Road (S.R.) 438) from Homestead Road to Princeton Street that have experienced a high number of pedestrian and bicycle crashes. The improvements at the intersection at Kingsland Avenue are planned as part of project 445696-1, while the four other intersections are under project 445696-2. Silver Star Road within the limits of both projects provides three travel lanes in each direction and no changes to the lane configuration are planned. Proposed improvements at each intersection are described below.



Kingsland Avenue Intersection (445696-1)

The proposed safety improvements include rebuilding the traffic signal and pedestrian signals, and adding a crosswalk on the east side of the intersection. The existing crosswalks will be upgraded and sidewalk curb ramps reconstructed to meet current Americans with Disabilities Act (ADA) standards. Right of way will be needed for these improvements.

Ashland Road/Willow Bend Boulevard (445696-2)

At this intersection, the project proposes to replace the existing traditional signalized intersection with a signalized Restricted Crossing U-Turn (RCUT) design. This design uses a bi-directional median that restricts left turns onto Silver Star Road from the side street. Traffic must turn right onto Silver Star Road from the side street or driveway

Continued on back

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Ashland Road/Willow Bend Boulevard *continued*

and make a U-turn. Pedestrian safety is enhanced by using a diagonal crosswalk pattern that eliminates left turn conflicts between the vehicles and pedestrians. This design also provides a pedestrian refuge area in the median, shortening the distance pedestrians must cross. No additional right of way is needed for these improvements.

LeHavre Boulevard/Coast Line Drive (445696-2)

The existing directional median opening at LeHavre Boulevard/Coast Line Drive would be converted to a signalized directional intersection under this project. The design would be similar to the proposed improvements at the Ashland Road/Willow Bend Boulevard RCUT. The existing island will be enlarged to accommodate pedestrians crossing Silver Star Road. There will be no access changes and no additional right of way is needed for the improvements.

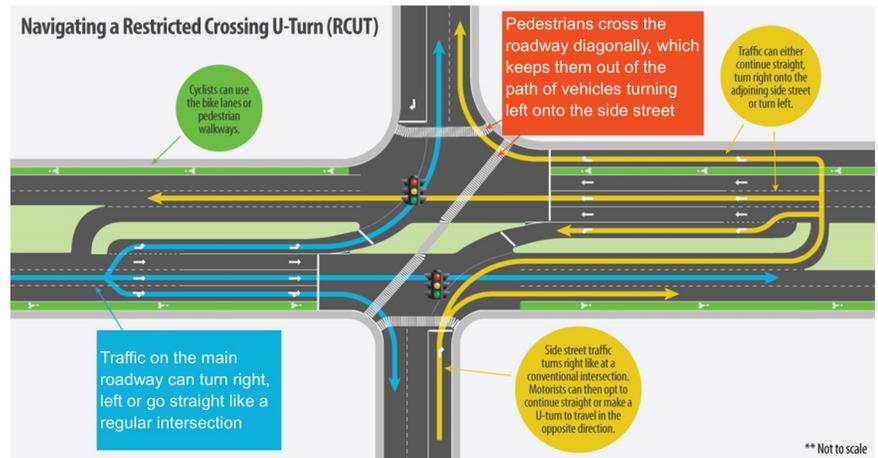
Rose Coral Drive/Orlando West Drive (445696-2)

The project also plans to signalize the intersection of Silver Star Road and Rose Coral Drive/Orlando West Drive. Like the two previous intersections, the existing directional median would be enlarged and the pedestrian crosswalks would be realized to a diagonal pattern to reduce the left turn conflicts between vehicles and pedestrians and provide a pedestrian refuge in the median. No right of way acquisition is needed for these improvements.

Dardanelle Drive (445696-2)

Recommended improvements at the intersection of Silver Star Road and Dardanelle Drive include upgrading the existing pedestrian crosswalks, adding a crosswalk on the east side of the intersection, rebuilding the signal, and adjusting the signal timings to shorten the wait time for pedestrians. These improvements will not require additional right of way.

Restricted Crossing U-turn Intersection



Project Status and Estimated Costs (445696-1)*

Design:	Ongoing - completion fall 2024	\$	455,000
Right of Way:	Funded - fall 2024	\$	993,000
Construction:	Funded - summer 2027	\$	778,000

Project Status and Estimated Costs (445696-2)*

Design:	Ongoing - completion fall 2024	\$	1.2 million
Right of Way:	Within existing		--
Construction:	Funded - spring 2025	\$	3.1 million

*subject to change