FDOT Southwest Florida
Florida Department of Transportation

SR 29 Wildlife Crossing at Owl Hammock 417540-8

Project Details	
Work Type	Wildlife
Phase	Design
Length	2.05 miles
County	Collier
Road	SR 29
Design Cost	$942,000
ROW Cost	$50,000
Construction Cost	$8.67M

Contact Information

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About

The Florida Department of Transportation (FDOT) is designing improvements to enhance the passage of wildlife across SR 29 near Owl Hammock in Collier County. Following a wildlife crossing location evaluation of a 2.05-mile segment of SR 29, the preferred design will include a wildlife bridge over the Barron River Canal and a dry culvert crossing under SR 29 located approximately 1,200 feet north of the existing bridge at Gator Slough. This location aligns with recent panther and black bear vehicle collisions. The existing SR 29 will be elevated and constructed over the culvert, raising the existing roadway by approximately 8 feet. This elevation change will require shoulder gutter and guardrail to capture runoff and protect drop off conditions. Approximately two miles of wildlife fencing will be constructed to help guide wildlife to the wildlife crossing.

To determine the best location for the wildlife crossing, FDOT conducted an evaluation of multiple locations within this segment of SR 29. The Owl Hammock area was chosen because this area contains two Hot Spot areas mapped by the Southwest Florida Roads Panther Hot Spots Mapping Report (PRIT Transportation Subteam, 2020). Hot Spots are assigned to road segments in which multiple panther-vehicle collisions have occurred in clusters. Within this evaluation segment, nine fatal panther-vehicle collisions have occurred.