

Frequently Asked Questions

US 41 at Bonita Beach Road PD&E Study in Lee County

FPID 444321-1

General Project Questions

Question: Is there any coordination with the City of Bonita Springs new development projects along Bonita Beach Road?

Response: Yes, the Florida Department of Transportation and the study team have been monitoring new developments along Bonita Beach Road and elsewhere as part of the study, and more specifically, the traffic analysis process. We recognize the impacts that new development has on land use and existing and future traffic. However, Bonita Beach Road is a county road and improvements to this road east and west of US 41 are the responsibility of Lee County.

Question: Has the current concept considered future traffic volumes?

Response: Yes, the traffic analysis looked out to the year 2050 and analyzed future traffic volumes.

Question: How many business displacements are there?

Response: There are currently two business displacements associated with the study. This includes the Advance Auto Parts and Tuffy Tire and Service Center north of Bonita Beach Road.

Question: Would adding a flyover bridge be beneficial for this project?

Response: A flyover has been explored in the past. It does not meet the goals and objectives of the City and it's much more impactful than the current concept and is no longer being considered. The Partial Displaced Left Turn has received support from the City of Bonita Springs and the Lee County Metropolitan Planning Organization (MPO).

Traffic Operations Questions

Question: How will this project impact traffic congestion on Little Hickory Island?

Response: Given the distance, the US 41 and Bonita Beach Road project will improve the immediate intersections, intersection approaches and regional travel. Hickory Island would not be affected by this improvement but may result in more efficient movement of traffic. This improvement will make off-peak and peak travel times much more efficient. Moreover, Bonita Beach Road is a county road and improvements to this road east and west of US 41 is under the jurisdiction of Lee County.

Question: Is the project considering the impact of local traffic once the construction begins?

Response: We have done extensive traffic analysis as part of this project and during the next phase, final design, engineers, and others will develop a Temporary Traffic Control Plan to manage traffic when the facility is under construction.

Question: Are the traffic congestion issues at Arroyal Road and Bonita Beach Road Intersection and surrounding areas being addressed in this project?

Response: As part of this project, the Bonita Beach Road approaches to this intersection will be widened to provide three through lanes in each direction rather than the two through lanes provided today. Further, an exclusive westbound right turn lane will be provided. The Northeast Quadrant Roadway will also help the Arroyal Road and Bonita Beach Road intersection by providing an alternative to the eastbound left turn movement to Arroyal Road. The City of Bonita Springs is currently designing the initial parts of the Northeast Quadrant Roadway and this roadway will be built before FDOT makes improvements to the US 41 and Bonita Beach Road intersection. The City will be adding intersection signalization at Windsor Road and Bonita Beach Road. Both the Northeast and Northwest Quadrant Roadways are a part of the City's Network Enhancement Alignment Study "Quadrant Plan". The Bonita Springs City Council adopted the "Quadrant Plan" on March 15, 2017, with guidance "to further analyze and design the northern half of the Quadrant Plan." Additionally, parts of Bonita Beach Road in the immediate area of US 41 will be widened to three lanes in each direction as part of this study but this terminates by Spanish Wells Boulevard.

Question: In the event of a hurricane when there is no electricity to operate the traffic lights, what is the plan for managing traffic? Additionally, Arroyal Road and Bonita Beach Road currently experience a lot of congestion, what is the mitigation plan?

Response: Regarding power loss following a hurricane or major storm, new signals are routinely equipped with generator hookups or temporary signals could be installed as a traffic control measure to regulate the intersections and crossover movements.

As far as Arroyal Road and Bonita Beach Road intersection, there are planned improvements as shown on the preferred alternative board here: https://www.swflroads.com/project-files/126/444321-1_US%2041_BBR-Preferred%20Alternative_Board.pdf. As you'll see, this includes providing additional through lanes on Bonita Beach Road at the intersection. Further, the new Northeast Quadrant Roadway will provide an alternative to reduce the Arroyal Road and Bonita Beach Road westbound left turn traffic volume.