

FDOT District 1 I-75 Peace River Bridge

Location

Charlotte County,
Florida

Client

Jacobs Engineering

Contract Value

\$174,900



The goal of this project was deck replacement and widening of the 1.5-mile, twin span I-75 Bridge over the Peace River. The design-build team developed a plan to ultimately produce a single bridge, offering the best value to the FDOT by providing the lowest cost, shortest schedule, and safest maintenance of traffic during construction. ESA Scheda professionals assisted in developing this innovative plan and determining its feasibility from a permitting and environmental standpoint. For the first phase of the project, ESA Scheda ecologists assisted with the preparation of a PD&E re-evaluation of the Environmental Document for the new design.

ESA Scheda associates assisted in obtaining permits and authorizations from the U.S. Coast Guard, U.S. Army Corps of Engineers, Southwest Florida Water Management District, and Florida Department of Environmental Protection to construct the bridge, and dredge a new access channel for recreational boat traffic. Environmental concerns for this project included water quality, manatee and sea turtle protection, seagrass protection, a wading bird rookery, and a nearby bald eagle nest. For the construction trailer site, ESA Scheda biologists completed a gopher tortoise survey, and related permitting.

During construction, ESA Scheda provided a full-time environmental inspector, and part-time senior scientist oversight. These individuals were responsible for protection of environmental areas, permit compliance tracking, daily water quality monitoring and reporting, bald eagle nest monitoring, and erosion control inspection.