

SR A1A Deerfield Beach

Services Provided:

NEPA Documentation, Environmental Studies & Environmental Permitting

Client: City of Deerfield Beach / FDOT District 4 /
Metric Engineering (LAP Project)

Location: Broward County, FL

DESCRIPTION OF WORK:

The City of Deerfield Beach, under the Local Agency Program (LAP) agreement with the Florida Department of Transportation (FDOT), conducted a Project Development and Environment (PD&E) Study to evaluate alternatives for mobility and safety improvements to SR A1A. The project limits are from SE 3rd Street to NE 7th Street, a distance of approximately 0.84 mile. Three alternatives were evaluated for possible improvements and included modifying traffic circulation. Public involvement was a critical component to address potential impacts to businesses, including a reduction of parking.

CECOS was the lead environmental consultant on the project and was responsible for preparing the Categorical Exclusion Type 2 (NEPA) document and for conducting the supporting environmental studies. CECOS also prepared the supporting reports: Endangered Species Biological Assessment Report, Contamination Screening Evaluation Report, and Noise Study Report. Over 400 noise sensitive sites were identified including condominiums, apartments and hotels. We completed a noise analysis and identified impacts to all sensitive sites and defined reasonable and feasible abatement measures. Sea turtle nesting occurs



adjacent to the project area so CECOS conducted a night time lighting study to determine potential impact to nesting sea turtles. The project was able to retrofit “turtle-friendly lighting” for new and replaced lights. CECOS also evaluated the Deerfield Beach Fishing Pier and several beach access points as potential Section 4(f) resources.

Evaluated environmental permits required for the project and coordinated with all agencies including Broward County (Stormwater), and SFWMD. Prepared environmental documentation of agency coordination and environmental issues.

