

COUNTY ROAD 535 ROADWAY IMPROVEMENTS

Orange County, Florida



ENVIRONMENTAL
PLANNING
DESIGN &
PERMITTING

Project: Public Contract

Project overview:

Modica & Associates has been providing ongoing environmental services for Orange County for the expansion of County Road 535. The project is being designed, permitted and constructed in several phases or segments. An overall Route Corridor Analysis (RCA) was performed to determine impacts to natural resources within the roadway alignment in an effort to identify the most efficient alignment alternative that would result in the least environmental impact. Our team has conducted wetland delineation, listed species surveys, Environmental Resource Permitting, and federal, state and local wetland impact permitting and mitigation design. Previous contracts with Orange County include evaluating potential school sites and maintaining numerous Orange County stormwater ponds to control the proliferation of nuisance vegetation.

Field Work & Surveys

- Wetland Delineation
- Gopher Tortoise Survey & Relocation
- Sandhill Crane Survey
- Wetland Functional Analysis—UMAM

GIS/Mapping Services

- Vegetation & Soils Mapping—GIS
- Wildlife Mapping—GPS/GIS

Permits/Applications

- Environmental Resource Permit—SWFWMD, USACOE
- Gopher Tortoise Relocation Permit—FWC

