

SR 710 Design-Build

Services Provided: Environmental Permitting, Wetland Delineation & Mapping

Client: FDOT District 4 / TranSystems Corporation

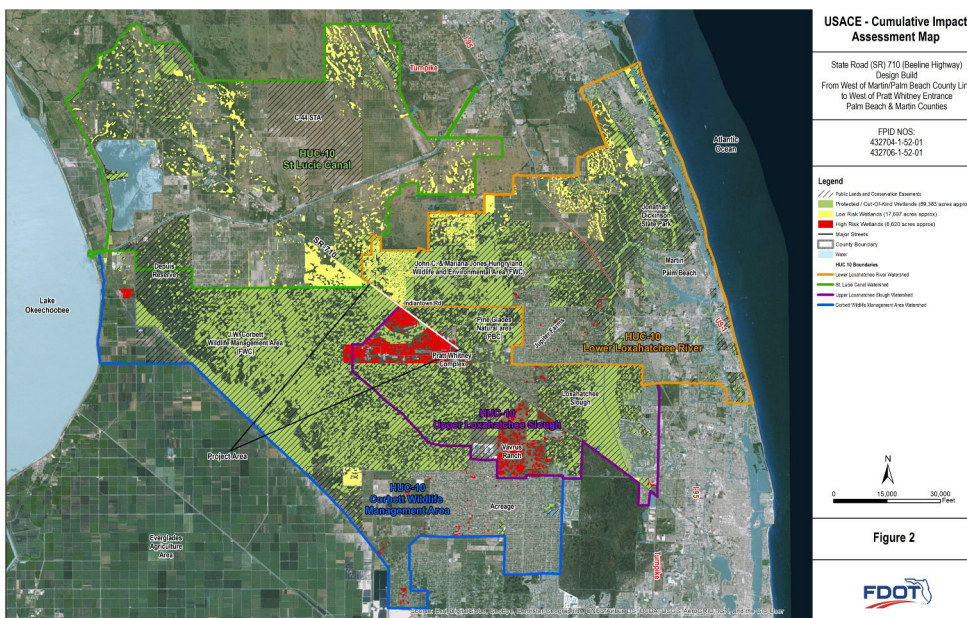
Location: Palm Beach & Martin Counties, FL



DESCRIPTION OF WORK:

This Design and permitting project was part of a supplement agreement to the Project Development and Environment (PD&E) Phase of the contract. Under the PD&E phase for a 25 mile segment of SR 710, CECOS was responsible for preparing the NEPA document and support environmental documents (wetlands, threatened and endangered species and contamination). Under this contract, CECOS was responsible for preparing all environmental permit applications. FDOT determined that this project was a candidate for a Design-Build project, therefore permits had to be obtained under a reduced schedule. CECOS was able to obtain permits prior to NTP being issued to the selection Team. The design project traverses significant environmentally sensitive areas. CECOS was responsible for preparation of a South Florida Water Management District (SFWMD) Environmental Resource Permit (ERP) and a US Army Corps of Engineers (USACE) Section 404 Dredge and Fill permit. Specific activities conducted to complete the applications

included: wetland delineation, mapping and assessments (over 50 acres of impact) and listed species surveys. Wetland delineation and mapping the jurisdictional boundaries was accomplished through field delineation utilizing a submeter GPS unit in conjunction with the use of Geographic Information Systems (GIS) analysis and aerial photo-interpretation. CECOS was responsible for preparing the permit application, responding to any Requests for Additional Information (RAIs), identifying mitigation options and calculating mitigation credits through UMAM, WRAP, M-WRAP and WATER assessments. CECOS was also responsible for conducting a wood stork functional assessment to define wood stork mitigation credits, cumulative impact assessment and conducting agency coordination.



CECOS also assisted the FDOT in the development of the environmental portions of the Request for Proposal (RFP) package for the advertisement of the Design-Build project. CECOS staff was also a key member of the Technical Advisory Group (TAG) which assisted the FDOT in reviewing the Technical Proposals. CECOS staff also provided post-design services for the Design-Build Phase.