# S-267 (C-6) Reconstruction Project

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| Services Provided: Environmental Protection Plan, Environmental Training, Wildlife Surveys and Monitoring | |
| Client: | USACE / Kiewit Infrastructure South |
| Location: | Glades & Okeechobee Counties, FL |

## DESCRIPTION OF WORK:

The main construction components of this US Army Corps of Engineers (USACE) project involved demolition and removal of the existing Culvert C-6 and the construction of a new water control structure (S-267) at the same location. The demolition and reconstruction efforts required the lakeside installation of an earthen cofferdam and a steel sheet pile cofferdam at the landside in order to dewater the construction site. The structure included cast-in-place reinforced concrete foundations, headwalls, and culvert. A slide gate was installed at the lakeside headwall. S-267 consists of one (1) 10-foot diameter culvert with an approximate barrel length of 136 feet. A midspan cutoff wall was installed in the centerline of the embankment. The embankment was reconstructed to approximately match the existing crest elevation of the dike. Riprap was also installed along the lakeside embankment faces, and a control building installed on the landside work platform.

CECOS' primary responsibilities included preparation of an Environmental Protection Plan (EPP), pre-construction wildlife and plant surveys (migratory birds, bald eagle, Florida burrowing owl, Eastern indigo snake, Everglade snail kite, Audubon's crested caracara, wood stork, gopher tortoise, West Indian manatee, red bay tree, and Okeechobee gourd), and daily wildlife monitoring (birds, Eastern indigo snake, manatee, and exotic/invasive vegetation). CECOS also prepared a wildlife monitoring training package and conducted training exercises for construction staff. CECOS staff coordinated extensively with USACE, US Fish & Wildlife Service (USFWS) and Florida Fish and Wildlife Conservation Commission (FWC) to allow construction activities within environmentally sensitive areas. CECOS worked with the contractor and USACE to establish monitoring protocols to help expedite construction activities. Our field biologist worked proactively with the contractor to avoid impacts to listed species.

CECOS staff were responsible for preparing wildlife/ environmental closeout submittal reports, including summary reports of observed listed wildlife species observed during monitoring, nesting birds, and a comprehensive final report. In association with this project, CECOS also conducted wetland delineations and gopher tortoise surveys in an adjacent tract, where excavated fill material from the S-267 project was placed to prevent wet season flooding. USACE staff were very pleased with the environmental monitoring and reporting associated with this major construction project.