

# L-28 Plug for Hydroperiod Restoration of the Triangular Area

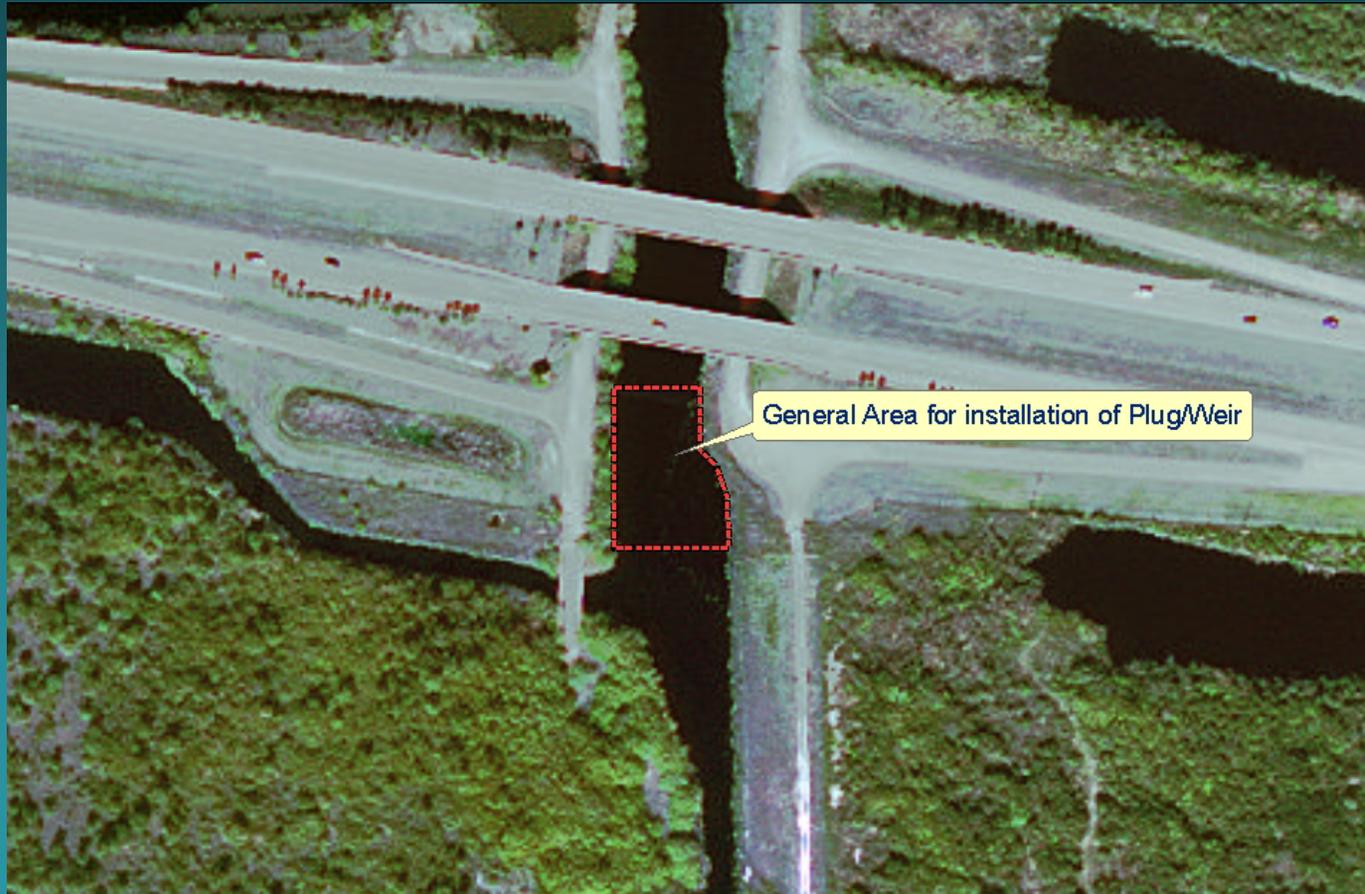
*Miccosukee Tribe of Florida Request*



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# Plug/Weir Placement



# Miccosukee Tribe of Florida Request

- I) Design & Construct Plug Structure in the L-28 canal just south I-75 overpass (prevent drawdown due to S-140)
- II) Explore and if feasible remove several small portions of the eastern L-28 levee immediately south of the plug-leaving portions for wildlife habitat during high water events
- III) Explore and if feasible construct a L-28 Interceptor Plug structure

# Staff Recommendation

**Break down request into phases:**

- **Phase I – L-28 Plug South of I-75**

# Scope

Once designed the plug structure will be constructed using materials and a procedure similar to the following:

- Mobilization & Demobilization at 8% of total cost
- Minor site demolition (e.g. relocate guardrail)
- Hauling, borrow material, loose cubic yards, 20 mile round trip, and building up earth plug
- Place engineered backfill
- Install sheet pile and structure as required
- Install erosion control and revetment as required
- Install Stilling Well for water elevation monitoring

## **Approval:**

**A Resolution of the Governing Board of the South Florida Water Management District to authorize entering into a 330 day Memorandum of Understanding with the Miccosukee Tribe of Indians of Florida, for the preparation of the design documents, permitting and construction of the L-28 Plug Phase 1 and authorize a budget transfer from dedicated funds (STA O&M Fund) in the amount of \$600,000 from Movement of Water to Everglades Program Support; providing an effective date. (Contract Number 46/XXXX) (Rich Virgil, ext. 6759)**