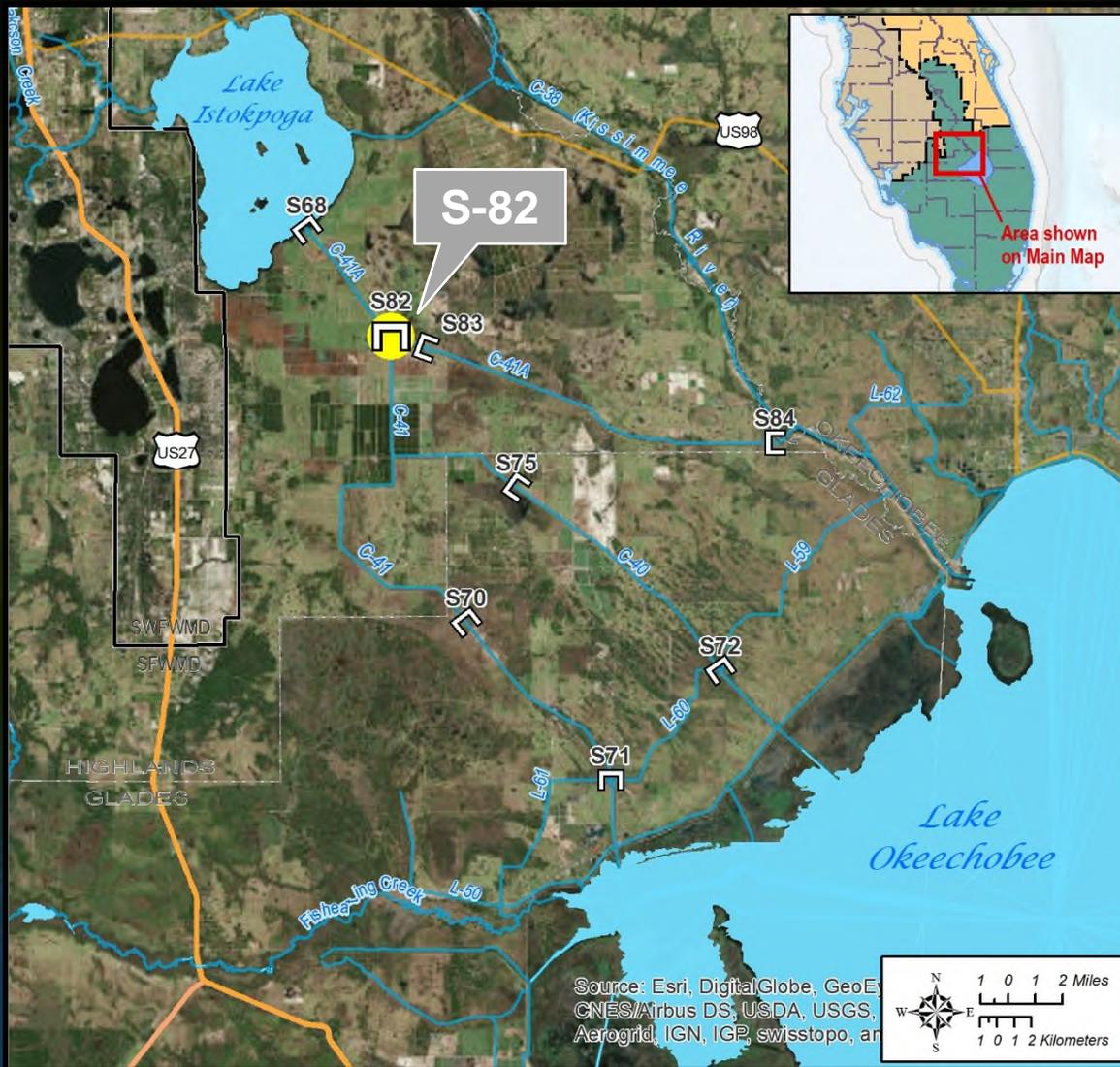


S82 Structure Refurbishment Project

Project & Lands Committee
October 12, 2016

Alan Shirkey, P.E.
Bureau Chief
Engineering & Construction

S82 Structure Refurbishment Project



S82 Structure Refurbishment Project



- S-82 is a reinforced concrete, gated spillway with discharge controlled by two vertical lift gates (7ft X 24 ft), constructed in 1964.
- The structure controls flow from C-41A into C-41 for local runoff; but permits up to 2,000 cfs from Lake Istokpoga to be discharged down C-41 when downstream channel capacity is available.
- It permits agricultural releases into C-41 of up to 800 cfs and maintains optimum upstream water stages in C-41A.

S82 Structure Refurbishment Project

- Dewater the structure
- Repair of eroded/spalled concrete from acid attack
- Replacement of gates with stainless steel gates
- Recoating of wing walls
- Armoring weir crest, gate & needle beam recesses
- Installing/recoating handrails
- Replacing guardrails
- Adding new staff gauges and stilling wells
- New concrete approach to bridge deck



S82 Structure Refurbishment Project

- USACE and FDEP permits completed
- Substantial completion: 550 days
- Final completion: 610 days
- Gate fabrication to take 8-10 months
- Construction activity at structure scheduled to start in November 2017 and complete in April 2018
- Construction contract value = \$2,527,000

QUESTIONS?