C-111 | South Dade Project

FACTS & INFORMATION

JANUARY 2015

The Canal 111 (C-111) South Dade project is a part of the South Dade County portion of the Central and Southern Florida (C&SF) project authorized in 1962 to provide flood control to agricultural lands in South Dade County and to discharge flood waters to Taylor Slough in Everglades National Park (ENP). In 1968, modifications were authorized to provide water supply to ENP and South Dade County. Environmental concerns caused construction to be discontinued before all authorized project features were completed.

PROJECT OVERVIEW

The project is a part of the South Dade County portion of the C&SF project authorized in 1962 to provide flood control to agricultural lands in South Dade County and to discharge flood waters to Taylor Slough in ENP. In 1968, modifications were authorized to provide water supply to ENP and South Dade County. Environmental concerns caused construction to be discontinued before all authorized project features were completed.

C-111 separates Everglades National Park from highly productive subtropical agricultural lands to the east. Because of the extreme permeability of the Biscayne Aquifer in the Dade County area, the project canals have a direct impact on water levels in adjacent areas. C-111 normally discharges into Florida Bay via overland flow across the eastern panhandle of ENP and via discharges into Taylor Slough, which flows to Florida Bay. The existing project causes harmful environmental impacts by over-draining the Taylor Slough area of ENP and by directing large freshwater flood protection discharges into the saltwater environment of Barnes Sound.

The C-111 General Reevaluation Report (GRR) with integrated Environmental Impact Statement (EIS) was completed and approved in 1994. It recommended project modifications designed to maintain existing flood protection and other C&SF project purposes in developed areas east of C-111 while restoring natural hydrologic conditions in the Taylor Slough and eastern panhandle areas of ENP. Increased freshwater flows in these areas will also help conditions in Florida Bay, a part of ENP.

PROJECT LOCATION

The C-111 South Dade project is located in the extreme southeastern portion of Florida, adjacent to ENP, and at the downstream end of the C&SF project. The basin includes about 100 square miles of agriculture in the Homestead/Florida City area and the Taylor Slough Basin within ENP.

PROJECT STATUS

The project is approximately 75 percent complete. On Aug. 14, 2014, the Project Cooperation Agreement (PCA) Amendment was finalized, which will enable the remaining two construction contracts to be completed. They are:

- Contract 8 will construct a detention area that will connect the C-111 South Dade project to the Modified Water Deliveries to Everglades National Park project.
- Contract 9 will establish plugs in the L-31W Canal for the purpose of reducing the canal's ability to drain water out of Everglades National Park.

FOR MORE INFORMATION

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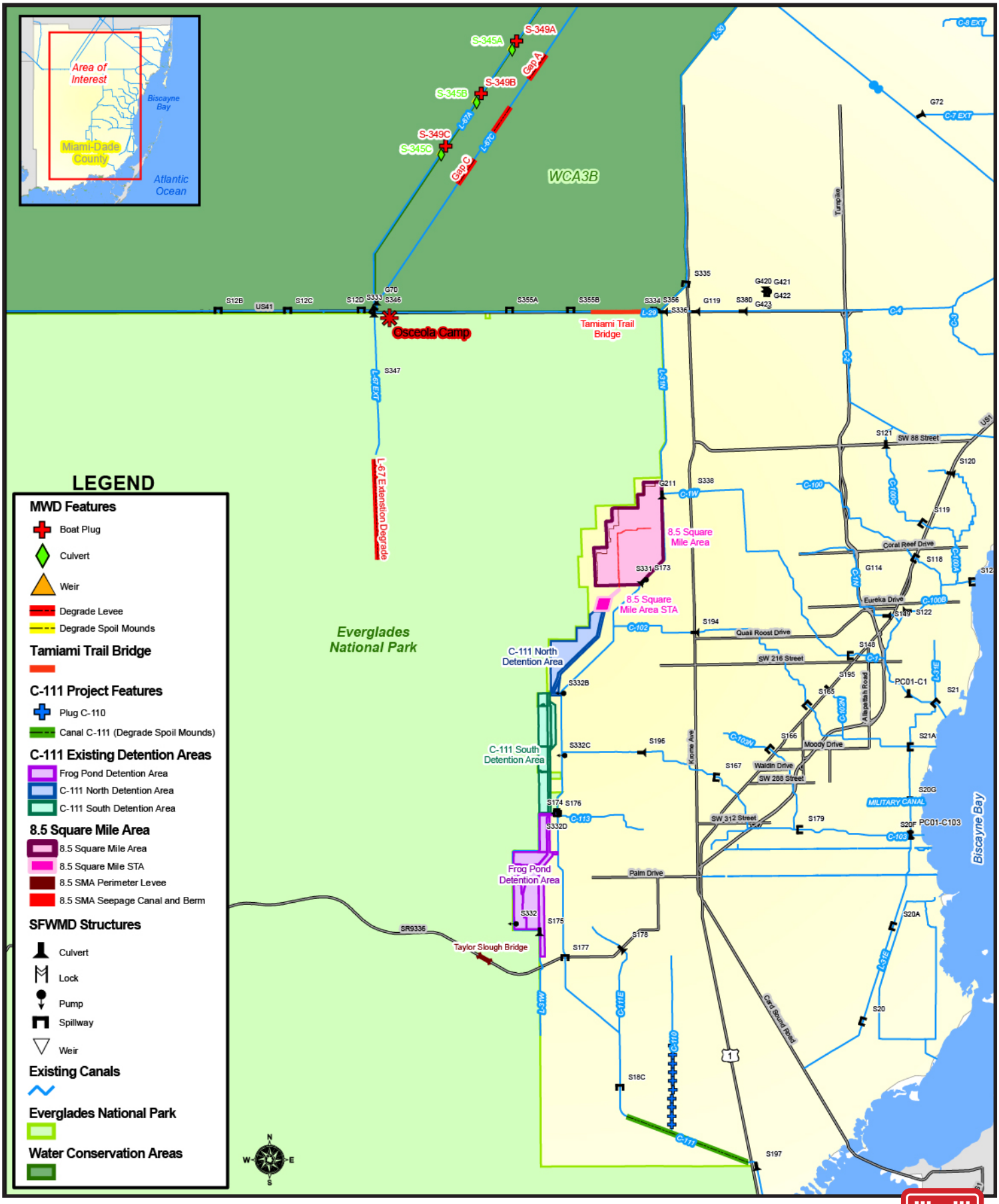
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