

FACT SHEET
CENTRAL AND SOUTHERN FLORIDA
West Palm Beach Canal (C51)

Construction General (C)

Congressional Districts: 17, 18, 20, 21, 22, 23, 25, 26, 27

1. DESCRIPTION

The West Palm Beach Canal (C-51)/Stormwater Treatment Area (STA) 1 East project was authorized under the Flood Control Acts of 1948, 1954, 1962, 1968, and the Water Resources Development Act (WRDA) of 1996. The project is located in Palm Beach County and runs east/west from West Palm Beach at Lake Worth to Water Conservation Area (WCA) No. 1 (Loxahatchee National Wildlife Refuge). The authorized project will provide 30-year flood protection to the urbanized eastern basin and 10-year flood protection to the western basin. All eastern basin features have been completed. During mediation of the Everglades water quality litigation, a technical plan was developed for resolution of the litigation. The technical plan included a substantially modified C-51 project. The modified plan expands the original 1,600-acre floodwater detention area into a 6,500-acre stormwater detention area. In addition to the flood damage reduction benefits provided by the original project, the modified plan provides water quality treatment, reduction of damaging freshwater discharges to Lake Worth, and increased water supply for the Everglades and other users.

2. FUNDING

Estimated Total Cost	375,470,000
Estimated Federal Cost	345,040,000
Allocation thru FY14	292,041,000
Carry In for FY15	150,000
Allocation for FY15	1,050,000
President's Budget FY16	1,000,000

3. SPONSOR

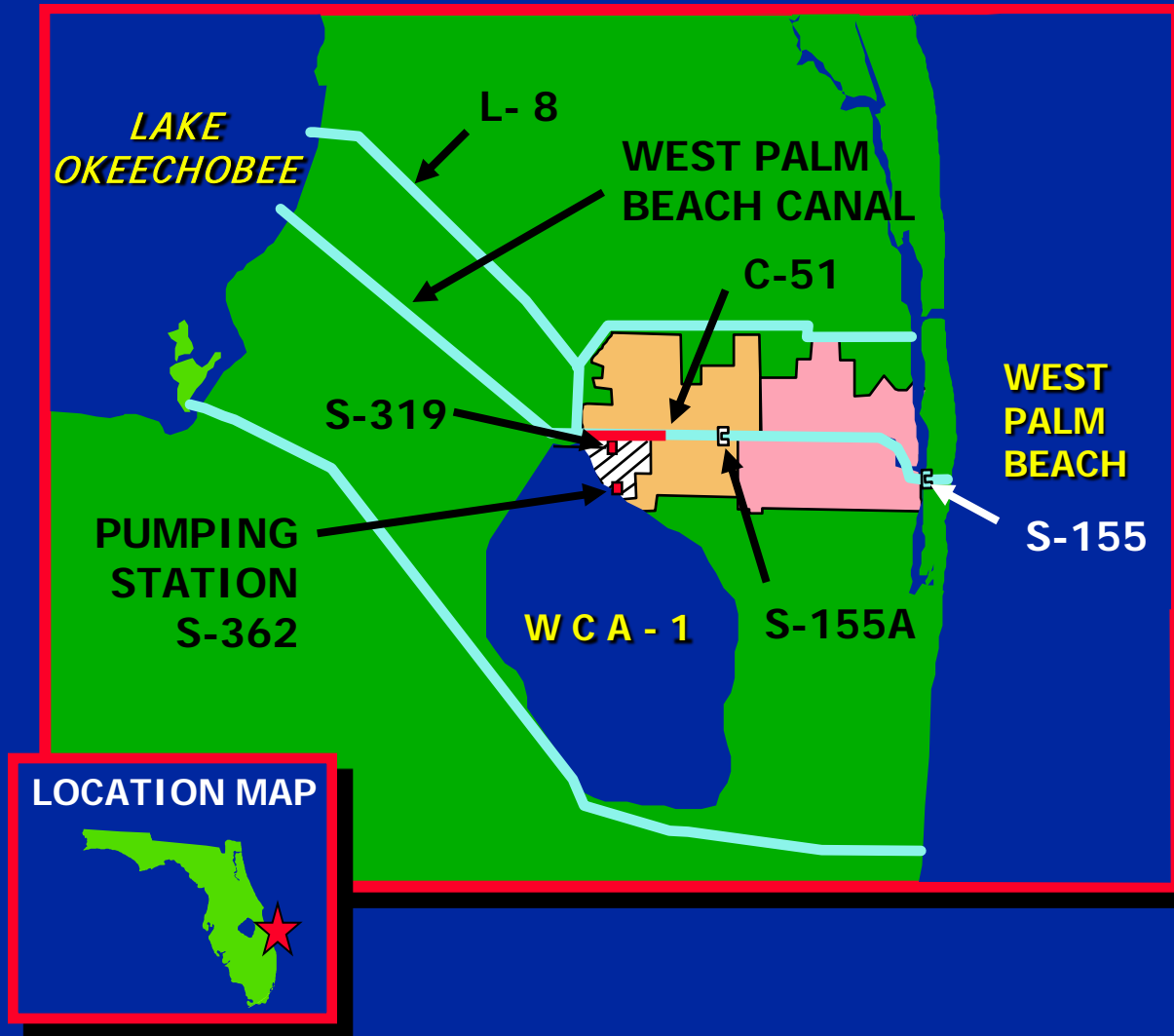
South Florida Water Management District
3301 Gun Club Road
West Palm Beach, Florida 33406

4. STATUS

STA 1 East and C-51 improvements were completed and transferred to the sponsor in October 2005. Several culverts within the STA have failed as a result of joint seal deterioration. Repairs to three of the culverts have been implemented by Jacksonville District. Approval of a plan from HQ USACE to repair 41 additional culverts and 2 trash rake systems at pump station S-362 and was given in July 2011. The first construction contract for 5 of the 41 culverts for repair was awarded in the fourth quarter of the FY 2011. The next three construction task orders for 16 more culverts were awarded in FY 2012. FY 2013 funding was used to award three more task orders, two for culvert repairs and the other for S-319 trash rake repair. The eighth and last task order was awarded for the repair of 3 culverts in FY2014. Remaining issues related to depth at cell 5 and cell 7 was addressed by a letter report in late calendar year 2013. USACE discontinued the design and testing of water quality treatment technology for Everglades restoration, a periphyton (algae)-based Stormwater Treatment Area (PSTA) in one of the STA flow ways, in December 2011. The PSTA technology was removed from the eastern flow way, and the cell was returned to nearly the pre-PSTA condition in FY 2014.

Culvert repair task orders 1 through 4 are complete, and work is underway on task orders 5 through 8. Work on the S-319 trash rake system is underway. Preparation of a deficiency determination report for the remaining project deficiencies (culvert gates) is under final review, and efforts are underway to prepare the construction contract solicitation package to implement the repairs.

CENTRAL AND SOUTHERN FLORIDA PROJECT



WEST PALM BEACH CANAL (C-51) / STA 1E