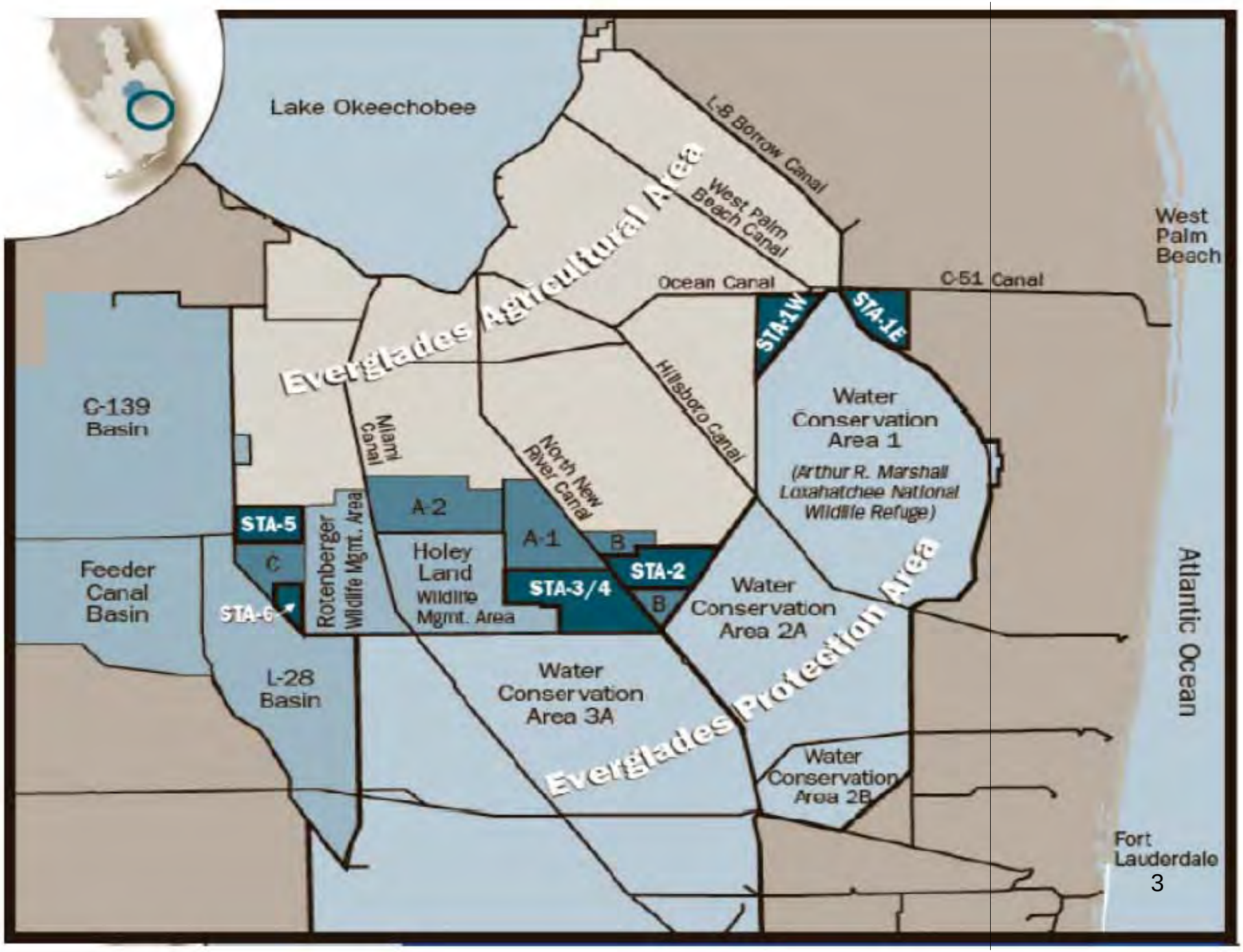
Lake Okeechobee
L-8 Borrow Canal
West Palm Beach Canal
Everglades Agricultural Area
West Palm Beach
Ocean Canal
C-51 Canal
STA-1W
STA-1E
C-139 Basin
Hillsboro Canal
Water Conservation Area 1
(Arthur R. Marshall Loxahatchee National Wildlife Refuge)
Miami Canal
North New River Canal
A-2
A-1
B
STA-5
C
STA-6
Rotenberger Wildlife Mgmt. Area
Holey Land Wildlife Mgmt. Area
STA-2
STA-3/4
B
Feeder Canal Basin
Water Conservation Area 2A
Everglades Protection Area
Atlantic Ocean
L-28 Basin
Water Conservation Area 3A
Water Conservation Area 2B
Fort Lauderdale

80°42'0"W 80°40'0"W 80°38'0"W 80°36'0"W 80°34'0"W

26°32'0"N 26°30'0"N 26°28'0"N 26°26'0"N 26°24'0"N 26°22'0"N

Township 45 South
Township 46 South
Range 36 East
Range 37 East
South Bay 13 Miles ±
N W E S
0 2,500 5,000 7,500 10,000
Feet
Township 45 South
Hiatus
Westerly Road
Right of Way US27
Limits of Construction
Woerner Sod Parcel
Existing
Seepage Canal
Existing
Seepage Canal
Proposed
Perimeter Levee
Proposed
Perimeter Levee
Hiatus
Township 46 South
Range 37 East
Range 38 East
Proposed
Interior Levee
Proposed Interior Levee Cl.
1165 feet ± Westerly of
And Parallel With
Westerly Road Right of Way
Proposed Perimeter Levee
465 feet ± Westerly of
And Parallel With
Westerly Road Right of Way
Proposed Inflow
Structure G-11
Township 46 South
Township 47 South
Proposed
Boat Ramp
A-1 FEB
Everglades Agricultural Ares
Compartment B
Proposed Outflow
Culvert G-13W
Proposed Collection and
Conveyance Canal
Proposed Inflow
Structure G-15
Proposed Outflow
Structure G-13
Existing STA - 3/4
Inflow Canal
Existing G-383
Control Structure
Existing G-370
Pump Station
Township 46 South
Township 47 South
Proposed
Perimeter Levee
STORMWATER TREATMENT
AREA 3/4
Holey Land Wildlife
Management Area
Township 47 South
Township 48 South
Range 36 East
Range 37 East
Range 37 East
Range 38 East
HOLEY LAND DISTRIBUTION CA
HOLEY LAND LOW SEEPAGE CANAL

Map Location
Atlantic Ocean
Lake Okeechobee
OKEECHOBEE
HIGHLANDS
ST. LUCIE
MARTIN
GLADES
HENDRY
PALM BEACH
BROWARD
COLLIER
MONROE
MIAMI-DADE

Legend
- Road R/W
- Proposed Features
- Limits of Construction
- Acquired - Fee Acquisition
- FNAI Managed Area
- Stormwater Treatment Area

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Image Source Data: 2011_NAIP Imagery

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Figure 4
A-1 Flow Equalization Basin
Orientation
Palm Beach County, Florida

UPDATED
4-SEP-2012

For copies of this map (I:\arc_data\maps\proj\eaa\A1_FEB\Orientation.mxd)which was produced on 9/4/2012 by R. Schaffer, contact the Survey Section

80°42'0"W 80°40'0"W 80°38'0"W 80°36'0"W 80°34'0"W

26°32'0"N 26°30'0"N 26°28'0"N 26°26'0"N 26°24'0"N 26°22'0"N

Township 45 South
Township 46 South
Range 36 East
Range 37 East
Township 45 South
Hiatus
Township 46 South
Hiatus
Range 37 East
Range 38 East
Township 46 South
Township 47 South
Township 47 South
Township 48 South
Range 36 East
Range 37 East

N W E S

0 2,500 5,000 7,500 10,000
Feet

Map Location

Atlantic Ocean
Lake Okeechobee
OKEECHOBEE
HIGHLANDS
ST. LUCIE
MARTIN
GLADES
HENDRY
PALM BEACH
BROWARD
COLLIER
MONROE
MIAMI-DADE

Limits of Construction

A-1 FEB

Everglades Agricultural Ares
Compartment B

Existing STA - 3/4
Inflow Canal

Existing G-383
Control Structure

Existing G-370
Pump Station

STORMWATER TREATMENT
AREA 3/4

Holey Land Wildlife
Management Area

HOLEYLAND SEEPAGE CANAL

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Image Source Data: 2011_NAIP Imagery

Legend

- Previously Permitted Wetland Impacts = 1232.79 Acres ±
- Former Refinery Location = 29.38 Acres ±
- Typical Wetlands = 233.71 Acres ±
- Existing Roads = 198.95 Acres ±
- Existing Drainage Canals (OSW) = 164.46 Acres ±
- Existing Lateral Farm Ditches (OSW) = 109.17 Acres ±
- Atypical Wetlands = 14,124.05 Acres ±
- Limits of Construction = 16,151.74 Acres ±

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Figure 7
A-1 Flow Equalization Basin
Boundaries of Wetlands and Other Surface Waters
Palm Beach County, Florida

UPDATED
7-SEP-2012

For copies of this map (I:\arc_data\maps\proj\eaa\A1_FEB\Boumdaries of Wetlands and Outher Surface Waters.mxd)which was produced on 9/7/2012 by R. Schaffer, contact the Survey Section

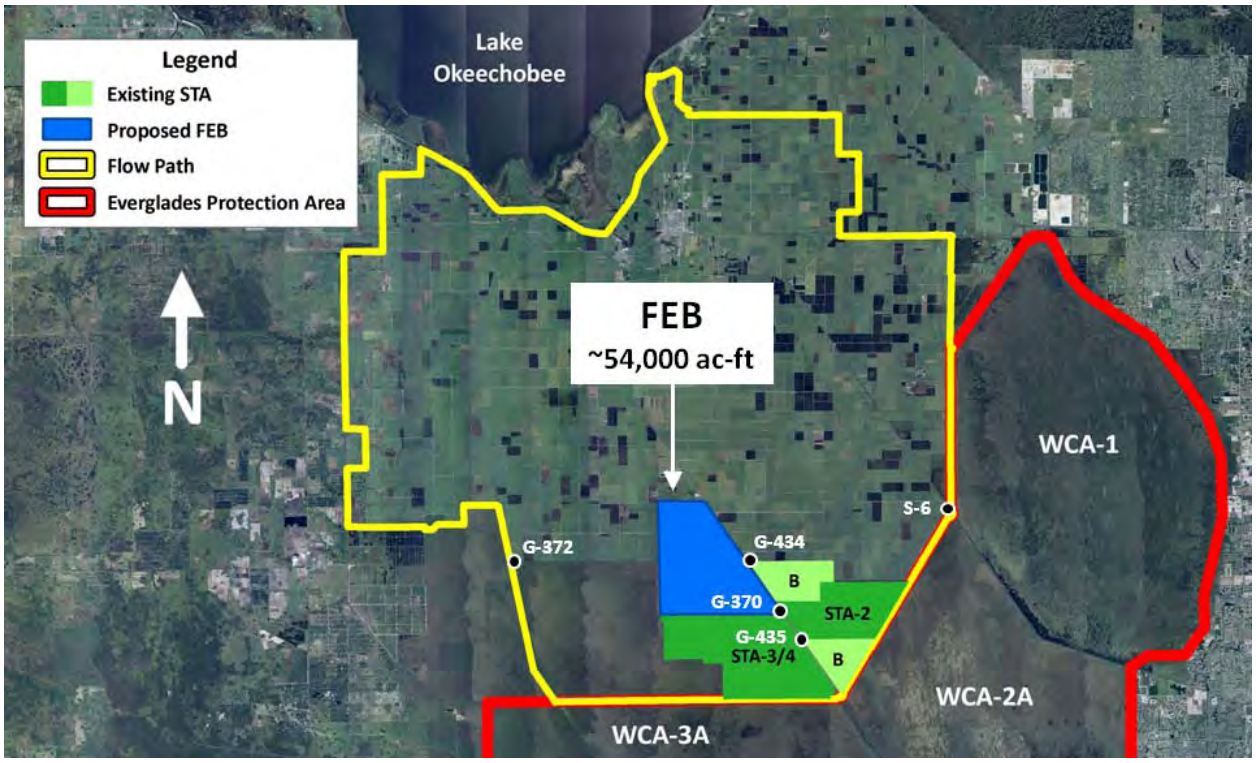

Figure 8. Central Flow Path Projects

3.2.2 Conceptual Engineering and Operations

- **S-6 Pump Station (Existing)**

  The primary purpose of the S-6 Pump Station is for flood protection of the upstream S-6/S-2 Basins. The S-6 Pump Station, which has a design capacity of 2,925 cfs, conveys surface waters into STA-2 and Compartment B North.

  In this plan, there is no change to the current use of the S-6 Pump Station other than modifications listed in the Eastern Flow Path. It will continue to be utilized for flood protection in the S-6 Basin to move water from the Hillsboro Canal to STA-2 and Compartment B North.

- **G-434 Pump Station (Existing)**

  The purpose of the G-434 Pump Station is to convey stormwater to Compartment B North for the treatment of phosphorus prior to discharge to WCA-2A. The G-434 Pump Station has a design capacity of 1,120 cfs.

  In this plan, G-434 will continue to be utilized to convey stormwater runoff from the North New River Canal at an optimized rate when there is capacity in Compartment

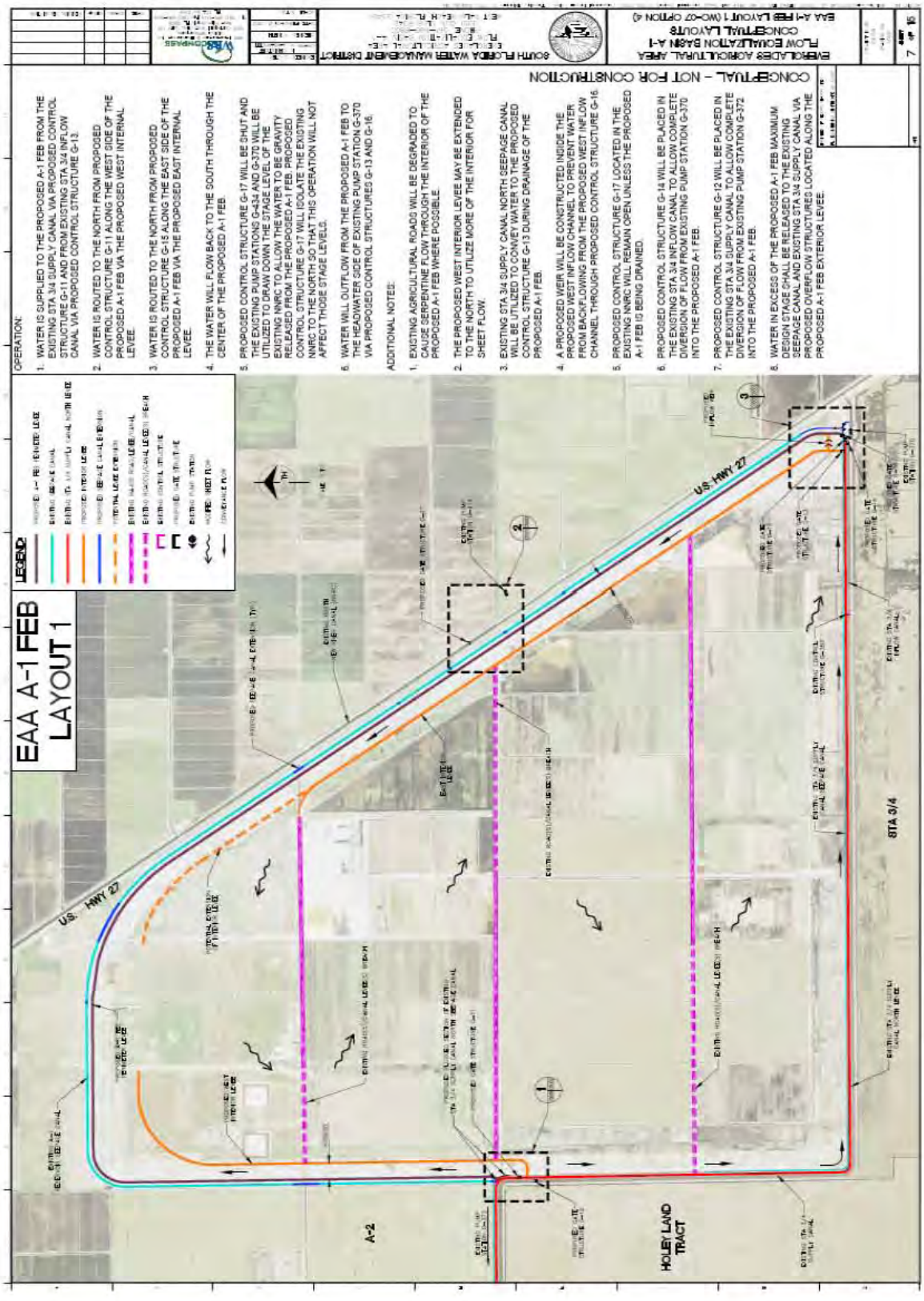

Figure 11. EAA A1 FEB Conceptual Design

The southern structure is utilized to control flows when there is a desire to split flows between the EAA FEB and STA-3/4 or when the EAA FEB is not available. The north weir is utilized to prevent flows from the EAA FEB inflow channel flowing back into the inflow basin when it is in use for discharging from the EAA FEB to the North New River.

Two additional structures, approximately 2,000 cfs each are located on the east and west side of the inflow basin to allow discharges from the EAA FEB into the North New River Canal.

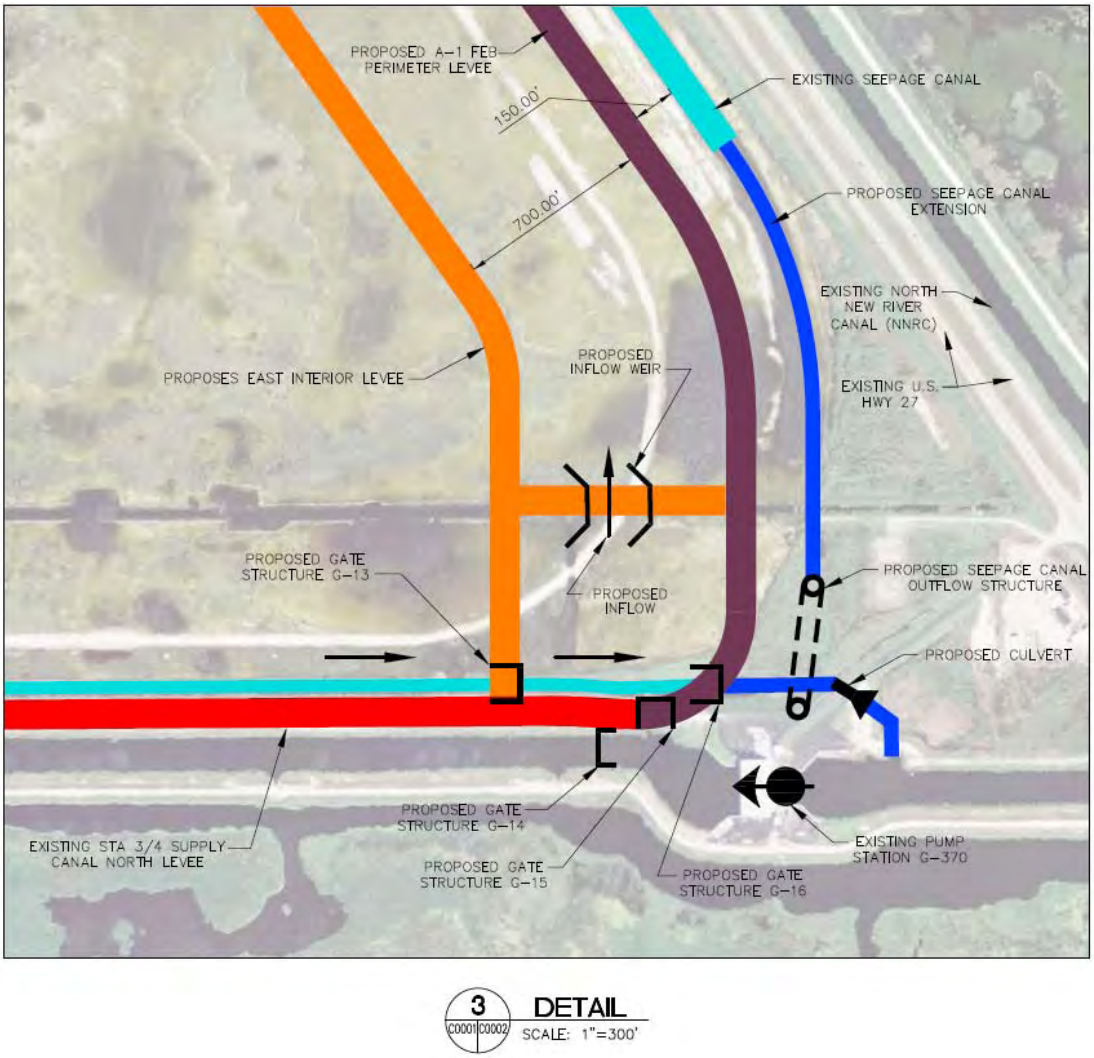

Figure 9. EAA A-1 FEB G-370 Inflow/Discharge Structure

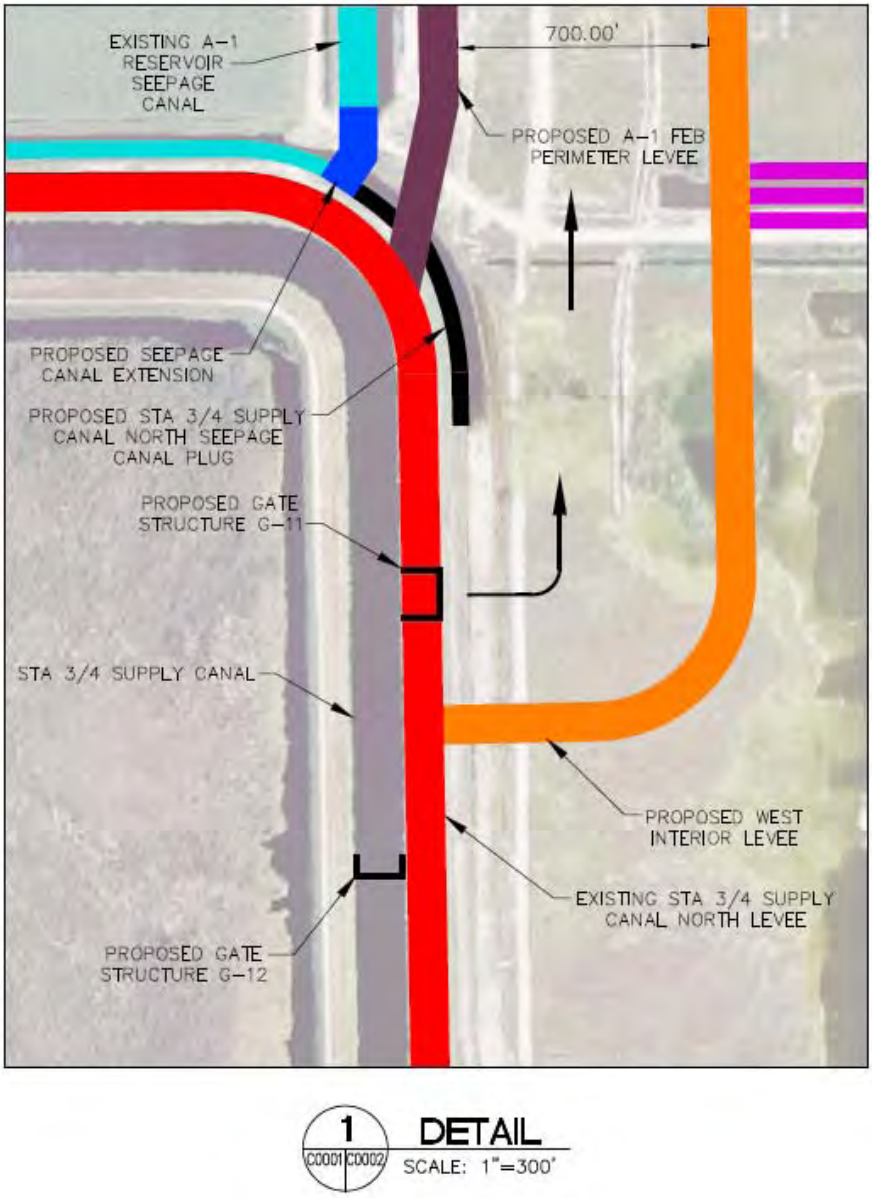

Figure 10. EAA A-1 FEB G-372 Inflow Structure

- **EAA A-1 Flow Equalization Basin (New)**

  In the Central Flow Path, an approximate 54,000 ac-ft FEB upstream of STA-3/4, STA-2, and Compartment B is included to attenuate peak flows and optimize STA inflow volumes (**Figure 11**). The EAA FEB primarily delivers water to STA-3/4 with a designated percentage of flows going to STA-2 and Compartment B. Inflows to the EAA FEB will be from the North New River Canal and Miami Canal through the G-