



Projects Update



STAs and Related Projects Update – Part 2

March 1, 2011

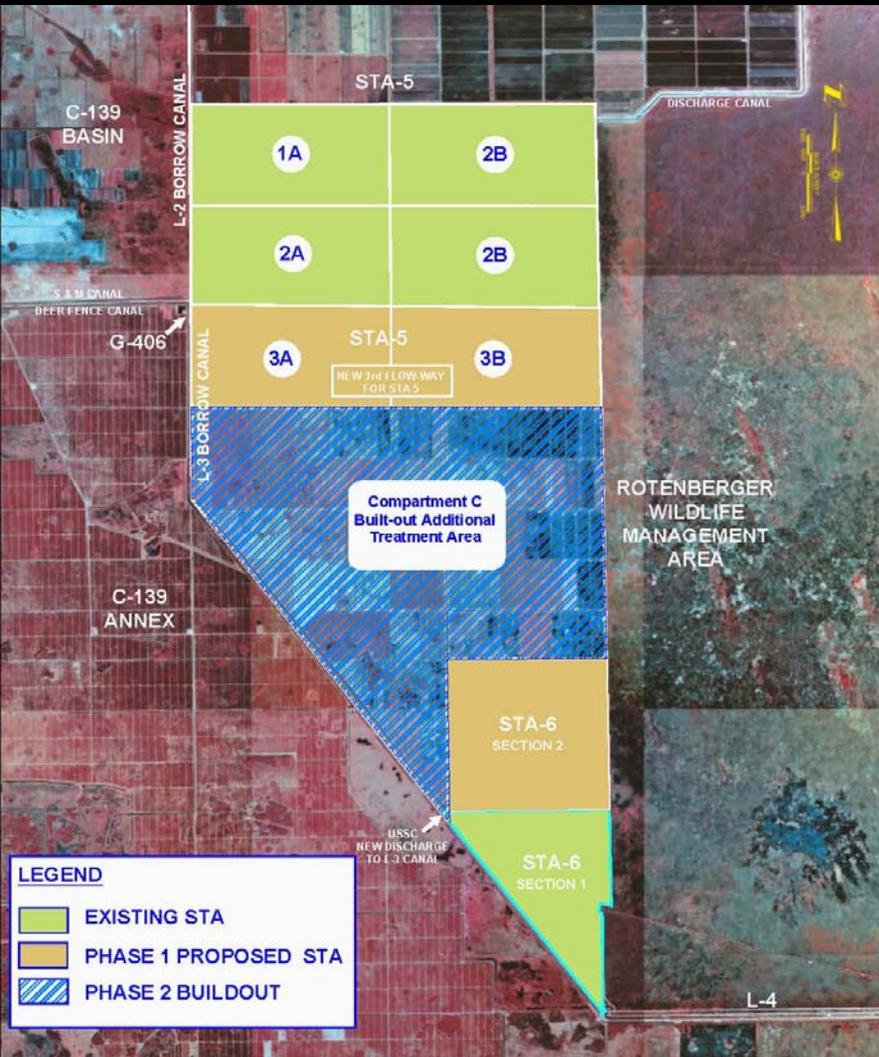
Technical Oversight Committee Meeting

John Mitnik, P.E.

South Florida Water Management District



EAA Compartment C STA Buildout



Purpose: The development of additional Stormwater Treatment Area (STA) to further improve the quality of water discharging to the Everglades Protection Area (EPA) by assisting with the redistribution of flows and loads to the STA system.

Completed

- Phase 1 – Initial Expansion
 - STA-5 Flow-way 3 (1,985 Acres of Treatment Area)
 - STA-6 Section 2 (1,387 Acres of Treatment Area)
- Phase 2 Build-Out
 - Design of Civil Works(4,850 Acres of Treatment Area)
 - Pump Equipment Contract executed
 - G-508 Pump Station Final Design



EAA Compartment C STA Buildout



- **Accomplishments to Date:**
 - **Completed Final Design-Civil Works**
 - **Completed Final Design-Pump Station**
 - **Purchased Pumps, Gear Reducer and Engines for Pump Station**
 - **Civil Works contract awarded at March 2009 Governing Board**
 - **USACE completed Record of Decision and Compartment C 404 permit prior to March 12, 2009 Governing Board**
 - **Land Use Change received**
 - **Started construction – Civil Works**
 - **NTP April 6, 2009**
 - **Started construction of G-508 pump station**
 - **NTP September 1, 2009**
 - **Completed Pump Equipment Manufacturing**
 - **Achieved Flow Capable Civil Works Milestone**
- **What's Next:**
 - **Continue construction of Civil Works**
 - **Continue construction of G-508 pump station**
- **Construction Completion**
 - **Civil Works Final Completion August 2011**
 - **Permanent Pump Station Construction – March 2012; Fully Operational July 2012**

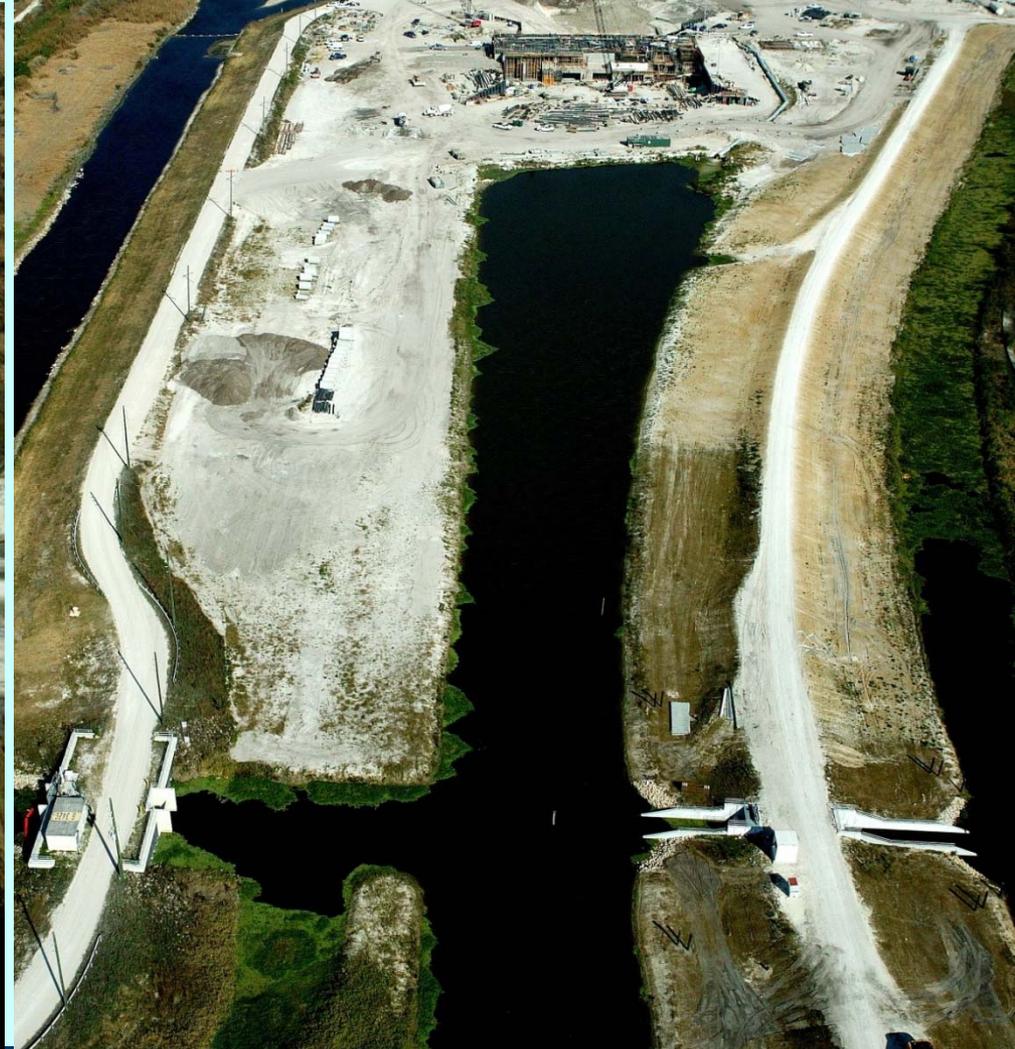


EAA Compartment C STA Buildout



Everglades Protection Area Tributary Basins

EAA Compartment C STA Buildout



Everglades Protection Area Tributary Basins



G-509 Pump Station



Everglades Protection Area Tributary Basins



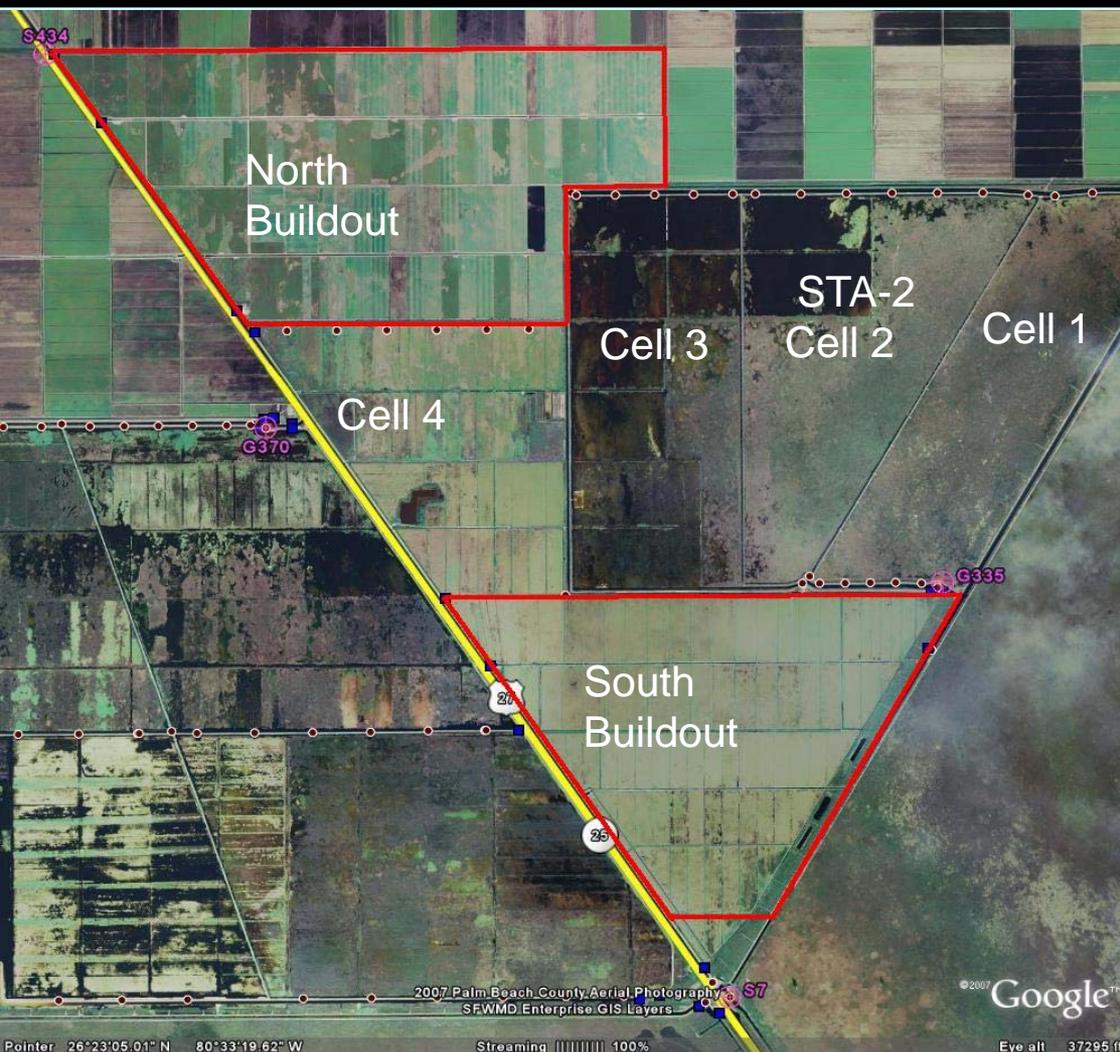
G-508 Pump Station



Everglades Protection Area Tributary Basins



EAA Compartment B STA Buildout



Purpose: The development of additional Stormwater Treatment Area (STA) to further improve the quality of water discharging to the Everglades Protection Area (EPA) by assisting with the redistribution of flows and loads to the STA system.

Completed

- Phase 1 – Initial Expansion
 - STA-2 Cell 4
(1,902 Acres of Treatment Area)
- Phase 2 - Build-out
(6,722 Acres of Treatment Area)
 - Design of Civil Works
 - Final Design Report for G-434, G-435, & G-436 Pump Stations
 - Pump Equipment Contract executed

Everglades Protection Area Tributary Basins



EAA Compartment B STA Buildout

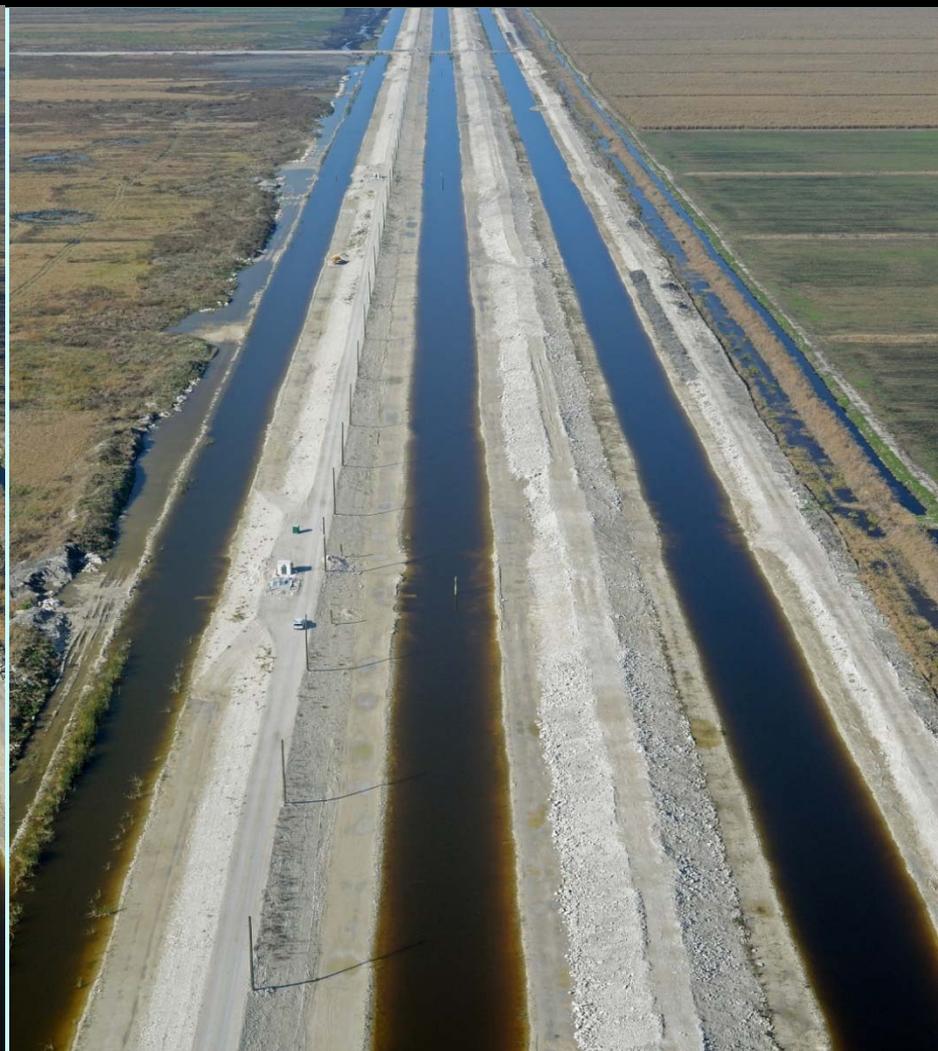


- **Accomplishments to date:**
 - **Completed Final Design-Civil Works**
 - **Completed Final Design-Pump Stations**
 - **Completed Pump Equipment Contract Process**
 - **FDEP Permit received on March 17, 2009**
 - **USACE Permit Decision received May 2009**
 - **Started Construction – Civil Works**
 - **NTP June 1, 2009 for North and South Buildouts**
 - **Started Construction – Pump Stations G-434, G-435 & G-436**
 - **NTP September 14 & 17, 2009**
 - **Started Construction of Bridges at G-434 and G-435**
 - **NTP August 16, 2010**
 - **Completed Re-Design of Project Discharge at L-6 Canal to Water Conservation Area 2A**
 - **Completed Pump Equipment Manufacturing**
 - **Achieved Flow Capable Civil Works Milestone**
- **What's next:**
 - **Continue construction of Civil Works**
 - **Continue construction of Pump Stations**
 - **Continue construction of Bridges for G-434 and G-435**
- **Construction Completion**
 - **Civil Works Final Completion – May 2011**
 - **Bridges for G-434 and G-435 Final Completion – May 2011**
 - **Permanent Pump Stations – Construction February 2012; Fully Operational July 2012**



EAA Compartment B STA North Buildout

North Levees – Dec 2010 & Jan 2011



Everglades Protection Area Tributary Basins



EAA Compartment B STA North Buildout

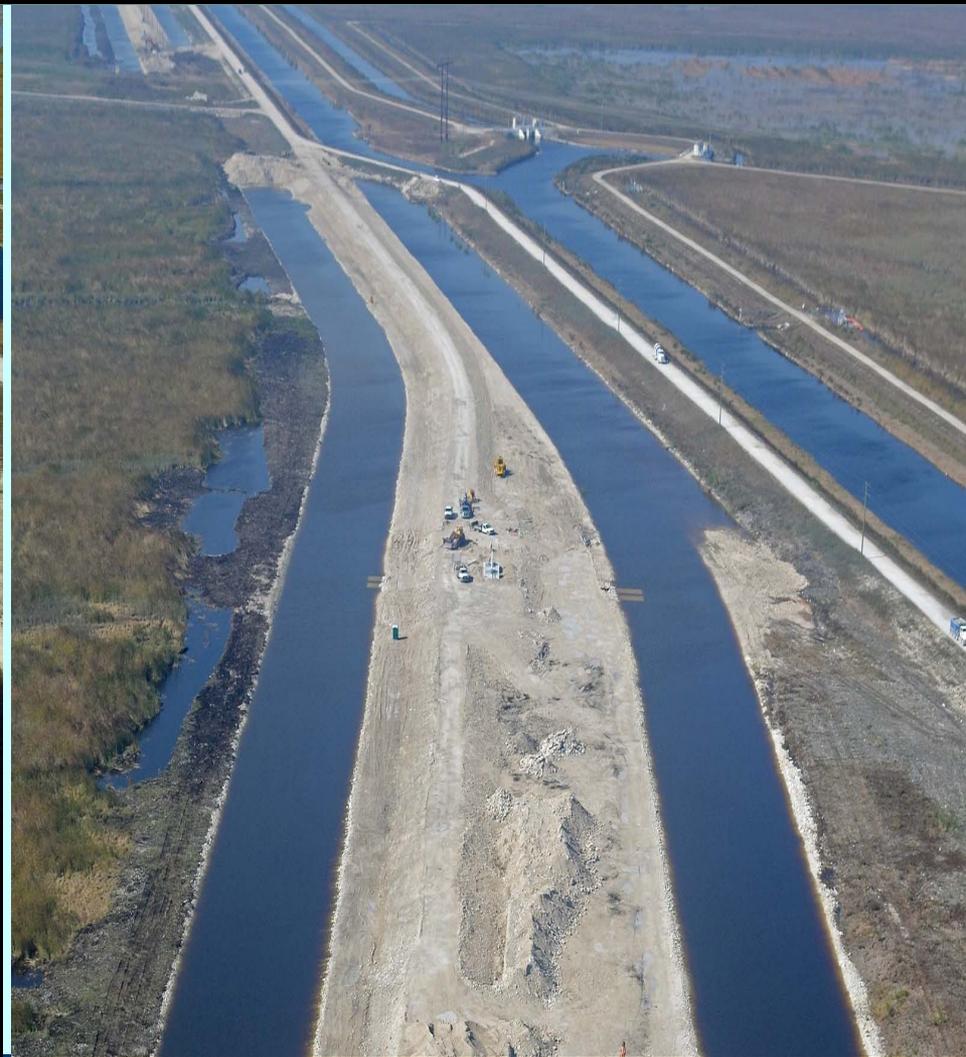
G-443A & B – Dec 2010 & Jan 2011



Everglades Protection Area Tributary Basins

EAA Compartment B STA South Buildout

G-441 - Nov 2010 & Dec 2010



Everglades Protection Area Tributary Basins

G-434 Pump Station



Everglades Protection Area Tributary Basins



G-435 Pump Station



Everglades Protection Area Tributary Basins

G-436 Pump Station



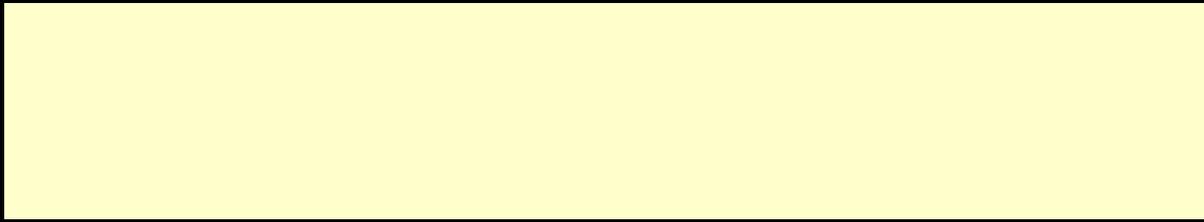
Everglades Protection Area Tributary Basins



G-435 Bridge



Everglades Protection Area Tributary Basins



Questions?