Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

L-8 Flow Equalization Basin

June 2016

Matt Alexander, P.E.
Section Leader
Project Management

sfwmd.gov
Restoration Strategies for clean water for the Everglades
G-538 Inflow Gate Station

All Cells: +11.3’ NAVD

May 24, 2016
Design/Build Schedule

- Governing Board Approval  Completed
- NTP  Completed
- Preliminary Design (Revetment)  Completed
- Preliminary Design (Pump and Inflow)  Completed
- Final Design (Revetment)  Completed
- Final Design (Pump and Inflow)  Completed
- Revetment Construction  Completed
- Substantial Completion  April 18, 2015
- Final Completion  October 15, 2015
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance date</th>
<th>Status</th>
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<tbody>
<tr>
<td>Submit state and federal permits</td>
<td>1/31/2014</td>
<td>Complete</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2014</td>
<td>Complete</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2015</td>
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<td>Completion of construction</td>
<td>12/31/2016</td>
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<tr>
<td>Long term operations</td>
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</table>
Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

G-541/L-8 Divide Structure

June 2016

Matt Alexander, P.E.
Section Leader
Project Management
G-541/L-8 Divide Structure,
L-8 Divide Structure, G-541
L-8 Divide Structure

- **Design:** Completed

- **Construction Schedule:**
  - Notice to Proceed: October 15, 2014
  - Project Substantial Completion: March 29, 2016
  - Project Final Completion: May 28, 2016

- **Construction activities:**
  - Bypass Channel: Backfilled
  - Slab and Walls: Completed
  - Service Bridge Pour: Completed
  - Control Building: Placed
  - Gate Installation: Completed
  - Electrical: In progress
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance date</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Initiate design</td>
<td>10/1/2012</td>
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<tr>
<td>Complete design</td>
<td>9/30/2014</td>
<td>Complete</td>
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<tr>
<td>Initiate construction</td>
<td>10/1/2016</td>
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<td>Complete construction</td>
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</table>
Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

S-5AS Divide Structure

June 2016

Matt Alexander, P.E.
Section Leader
Project Management
S-5AS Divide Structure
S-5AS Divide Structure
S-5AS Divide Structure
S-5AS Divide Structure
S-5AS Divide Structure

• Design and Construction Schedule:
  • Comprehensive Fluid Dynamic Model: Complete
  • Structure Stability Review: Complete
  • Preliminary design due: Complete
  • Final design package due: Complete
  • Project out for Bid: Complete
  • Governing Board Approval: Complete
  • Notice to Proceed: Complete
  • Project Substantial Completion: May 28, 2016
  • Project Final Acceptance: July 27, 2016
# S-5AS Divide Structure Milestones

<table>
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<tr>
<th>Milestone</th>
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</table>
Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

G-716 Structure

June 2016

Matt Alexander, P.E.
Section Leader
Project Management
G-716 Structure
G-716 Structure
G-716 Structure
### G-716 Structure

**Design and Construction Schedule:**

- **Structure Type Evaluation:** Complete
- **Structure Flow Calculations:** Complete
- **Preliminary design due:** Complete
- **Final design package due:** Complete
- **Project out for Bid:** Complete
- **Governing Board Approval:** Complete
- **Notice to Proceed:** Complete
- **Project Substantial Completion:** April 7, 2017
- **Project Final Acceptance:** June 6, 2017
# G-716 Structure

<table>
<thead>
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<th>Milestone</th>
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<td>Initiate design</td>
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<tr>
<td>Complete construction</td>
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</tr>
</tbody>
</table>
Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

STA 1W Expansion #1

June 2016

Matt Alexander, P.E.  
Section Leader  
Project Management
Blasting New Spreader Canal

New Spreader Canal Excavation
STA 1W Expansion #1 Progress Pictures

G-728 Cofferdam Installation
STA 1W Expansion #1

- Design and Construction Schedule:
  - Hydraulic Study: Complete
  - Preliminary Design Plan Set: Complete
  - Preliminary Design Full Submittal: Complete
  - Intermediate Design Submittal: Complete
  - Final Design Submittal: Complete
  - Final Design TRB: Complete
  - Corrected Final/RTA Design Submittal: Complete
  - Governing Board: Complete
  - NTP: Complete
  - Substantial Completion: September 20, 2018
  - Final Completion: December 14, 2018
## Milestones

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<tr>
<th>Milestone</th>
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<td>Complete</td>
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<tr>
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<td>Submit state and federal permits</td>
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<td>Complete design</td>
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<tr>
<td>Initial flooding and optimization complete</td>
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</table>
Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

RS G-341 Bolles Canal – Phase I Project – Segment 1, Segment 2, Bridge Replacement

June 2016

Matt Alexander, P.E.
Section Leader
Project Management

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Restoration Strategies for clean water for the Everglades
RS-G341 Bolles Canal-Phase I – Segment 1
Final Section of Segment 1 of the Bolles Canal

Before Construction

After Construction

New Canal Cross Section
RS-G341 Bolles Canal-Phase I – Segment 2
### Design of Phase I:
- Segment 1: Completed
- Segment 2 Final Design: Completed
- Duda Bridge Agreement: Completed February 2016 GB
- Duda Bridge Design: Completed May 2016

### Construction Schedule Segment 1:
- Notice to Proceed: September 14, 2015
- Project Substantial Completion: September 13, 2016
- Project Final Completion: November 12, 2016

### Construction Schedule Segment 2:
- Notice to Proceed: July 2016
- Project Substantial Completion: March 31, 2017
- Project Final Completion: May 30, 2017

### Construction activities Segment 1:
- Farm Ditch: 100% Completed
- Farm Road: 90% Completed
- Bolles Canal Blasting and Excavation: 90% Completed
- Duda Bridge Replacement: 5% Completed
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
<th>Status</th>
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<tbody>
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