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

A-1 Flow Equalization Basin (FEB)

November 19, 2013

John Mitnik, P.E.
Bureau Chief
Engineering and Construction Bureau
A-1 FEB – Location and Existing Conditions
Design and Construction Schedule:

- Preliminary Design – Completed
- Intermediate Design Submittal – Completed
- Final Design Submittal – Completed
- Final Design TRB – Completed
- Corrected Final/RTA Design Submittal – Completed
- Governing Board – Completed
- NTP – December 2, 2013
- Substantial Completion – April 1, 2015
- Final Completion – June 1, 2015
# Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance date</th>
<th>Status</th>
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<tbody>
<tr>
<td>Initiate design</td>
<td>4/1/2012</td>
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<tr>
<td>Submit state and federal permits</td>
<td>12/1/2012</td>
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<tr>
<td>Design status report</td>
<td>3/1/2013</td>
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<tr>
<td>Complete design</td>
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<tr>
<td>Initiate construction</td>
<td>6/30/2014</td>
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<tr>
<td>Construction status report</td>
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<td>Construction status report</td>
<td>3/1/2016</td>
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<tr>
<td>Completion of construction</td>
<td>7/30/2016</td>
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</tr>
<tr>
<td>Initial flooding and optimization complete</td>
<td>7/29/2018</td>
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</table>
L-8 Flow Equalization Basin

Long-Term Plan
Communications Meeting
November 19, 2013

John Mitnik, PE
Bureau Chief
Engineering & Construction Bureau

sfwmd.gov Restoration Strategies for clean water for the Everglades
Project Location
Cells 1/2,4,5: -26.9’ NAVD
Cell 3: -37.0’ NAVD
Cell 6,7: -28.3’ NAVD
L-8 Canal: +12.0’ NAVD
Soil Cement Revetment
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 - 5200 lf (of 5.1 miles) completed
• Substantial Completion: April 18, 2015
• Final Completion: October 15, 2015
## Milestones

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<tr>
<th>Milestone</th>
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<tr>
<td>Submit state and federal permits</td>
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<td>Long term operations</td>
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Quarterly Communications Meeting on the Long-Term Plan for Achieving Water Quality Goals for the Everglades Protection Area Tributary Basins

L-8 Divide Structure

November 19, 2013

John Mitnik, P.E.
Bureau Chief
Engineering and Construction Bureau
L-8 Divide Structure, G-541
L-8 Divide Structure

• Design and Construction Schedule:
  - Hydrographic & topographic survey for the 26 miles of the L-8 Canal/Levee from C-10A to S-5AS: Completed
  - Hydrologic & Hydraulic modeling efforts for structure design: Completed
  - Geotechnical survey for structure subsurface and seepage analysis: Completed

• Preliminary design due:
  - Completed (USACE ATR underway)

• Final design package due:
  - February 2014

• Notice to Proceed:
  - August 2014

• Project Substantial Completion:
  - January 2016

• Project Final Acceptance:
  - March 2016
## Milestones

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

S-5AS Divide Structure

November 19, 2013

John Mitnik, P.E.
Bureau Chief
Engineering and Construction Bureau
### S-5AS Divide Structure

- **Design and Construction Schedule:**
  - Comprehensive Fluid Dynamic Model: Complete
  - Structure Stability Review: Complete
  - Preliminary design due: **February 28, 2014**
  - Final design package due: **May 30, 2014**
  - Project out for Bid: **July 1, 2014**
  - Governing Board Approval: **August 15, 2014**
  - Notice to Proceed: **September 1, 2014**
  - Project Substantial Completion: **December 15, 2015**
  - Project Final Acceptance: **January 15, 2016**
# S-5AS Divide Structure Milestones

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

G-716 Structure

November 19, 2013

John Mitnik, P.E.
Bureau Chief
Engineering and Construction Bureau

sfwmd.gov Restoration Strategies for clean water for the Everglades
G-716 Structure
G-716 Structure

Restoration Strategies for clean water for the Everglades
G-716 Structure

• Design and Construction Schedule:
  • Structure Type Evaluation: Complete
  • Structure Flow Calculations: Complete
  • Preliminary design due: September 5, 2014
  • Final design package due: February 20, 2015
  • Project out for Bid: April 5, 2015
  • Governing Board Approval: May 10, 2015
  • Notice to Proceed: May 15, 2015
  • Project Substantial Completion: November 30, 2016
  • Project Final Acceptance: December 31, 2016
## G-716 Structure

<table>
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<tr>
<td>Complete construction</td>
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Questions?