L-8 Flow Equalization Basin

Long-Term Plan
Communications Meeting
August 23, 2013

John Mitnik, PE
Bureau Chief
Engineering & Construction Bureau
Project Location
Cells 1, 2, 4, 5: -18.65’ NAVD
Cell 3: -33.90’ NAVD
Cell 6, 7: -20.65 NAVD
Soil Cement Revetment

TOB 23’ NAVD
Ties into existing rock shelf
~ 3-5’ NAVD
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 Test Section (300 feet): Commenced
- 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>
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<td>Completion of construction</td>
<td>12/31/2016</td>
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<tr>
<td>Long term operations</td>
<td>12/31/2022</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

August 23, 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 L-8 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 (under review)
• Final design package due:  February 2014
• Notice to Proceed:  August 2014
• Project Substantial Completion:  January 2016
• Project Final Acceptance:  March 2016
### Milestones

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<tr>
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<tr>
<td>Initiate design</td>
<td>10/1/2012</td>
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<tr>
<td>Complete design</td>
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<tr>
<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

August 23, 2013

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

August 23, 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
• 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

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