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

Lucine Dadrian, P.E.
Section Administrator
Project Management

September 2016
L-8 Flow Equalization Basin

L-8 FEB
G-538 Inflow Structure

All Cells: -6.3’ NAVD
September 13, 2016
G-539 Pump Station
L-8 Flow Equalization Basin

- Governing Board Approval Complete
- Notice to Proceed Complete
- Preliminary Design (Revetment) Complete
- Preliminary Design (Pump and Inflow) Complete
- Final Design (Revetment) Complete
- Final Design (Pump and Inflow) Complete
- Revetment Construction Complete
- Substantial Completion April 18, 2015
- Final Completion October 15, 2015
# L-8 Flow Equalization Basin

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<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>
<td>Complete</td>
</tr>
<tr>
<td>Completion of construction</td>
<td>12/31/2016</td>
<td>Pending</td>
</tr>
<tr>
<td>Long term operations</td>
<td>12/31/2022</td>
<td>Pending</td>
</tr>
</tbody>
</table>
G-541 / L-8 Divide Structure

North
G-541 / L-8 Divide Structure

Design and Construction Schedule

- Design Complete
- Notice to Proceed October 15, 2014
- Substantial Completion March 29, 2016
- Final Completion May 28, 2016

Construction Activities:

- Bypass Channel Complete
- Slab and Walls Complete
- Service Bridge Pour Complete
- Control Building Complete
- Gate Installation Complete
- Electrical In progress
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate design</td>
<td>10/1/2012</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete design</td>
<td>9/30/2014</td>
<td>Complete</td>
</tr>
<tr>
<td>Initiate construction</td>
<td>10/1/2016</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete construction</td>
<td>9/30/2018</td>
<td>Pending</td>
</tr>
</tbody>
</table>
S-5AS Divide Structure
S-5AS Divide Structure
### Design and Construction Schedule

- **Comprehensive Fluid Dynamic Model**: Complete
- **Structure Stability Review**: Complete
- **Preliminary Design**: Complete
- **Final Design**: Complete
- **Governing Board Approval**: Complete
- **Notice to Proceed**: Complete
- **Substantial Completion**: Complete
- **Final Acceptance**: Complete
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate design</td>
<td>10/1/2012</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete design</td>
<td>9/30/14</td>
<td>Complete</td>
</tr>
<tr>
<td>Initiate construction</td>
<td>10/1/14</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete construction</td>
<td>9/30/16</td>
<td>Complete</td>
</tr>
</tbody>
</table>
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: Complete
- Final Design: Complete
- Governing Board Approval: Complete
- Notice to Proceed: Complete
- Substantial Completion: April 7, 2017
- Final Acceptance: June 6, 2017
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiate design</td>
<td>9/30/2013</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete design</td>
<td>7/30/2015</td>
<td>Complete</td>
</tr>
<tr>
<td>Initiate construction</td>
<td>1/31/2016</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete construction</td>
<td>12/31/2018</td>
<td>Pending</td>
</tr>
</tbody>
</table>
STA 1W Expansion #1

Select Fill Crushing Process

New Discharge Canal Excavation
STA 1W Expansion #1

G-733B Permanent Sheet Pile Installation
Design and Construction Schedule

- Hydraulic Study Complete
- Preliminary Design Complete
- Intermediate Design Complete
- Final Design Complete
- Governing Board Approval Complete
- Notice to Proceed Complete
- Substantial Completion September 20, 2018
- Final Completion December 14, 2018
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete land acquisition</td>
<td>9/30/2013</td>
<td>Complete</td>
</tr>
<tr>
<td>Initiate design</td>
<td>9/30/2013</td>
<td>Complete</td>
</tr>
<tr>
<td>Submit state and federal permits</td>
<td>7/30/2014</td>
<td>Complete</td>
</tr>
<tr>
<td>Complete design</td>
<td>7/30/2015</td>
<td>Complete</td>
</tr>
<tr>
<td>Initiate construction</td>
<td>1/31/2016</td>
<td>Complete</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2017</td>
<td>Pending</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2018</td>
<td>Pending</td>
</tr>
<tr>
<td>Completion of construction</td>
<td>12/31/2018</td>
<td>Pending</td>
</tr>
<tr>
<td>Initial flooding and optimization complete</td>
<td>12/30/2020</td>
<td>Pending</td>
</tr>
</tbody>
</table>
RS-G341 Bolles Canal Phase I
RS-G341 Bolles Canal Phase I Segment 1

- Segment 1 Construction Completion – September 2016
Final Section of Segment 1

Before Construction

After Construction

New Canal Cross Section
RS-G341 Bolles Canal Phase I Duda Bridge

- Duda Bridge Replacement Cooperative Agreement Executed – February 2016
- District Cost Share NTE - $1.1 M
- Permits Obtained – April/May 2016
- Design Completed – May 2016
- Construction Completion – September 2016
RS-G341 Bolles Canal Phase I Segment 2

Segment 2 – Construction Kick Off – July 2016
Construction Completion – May 2017
• Segment 3 - Consists of design of remaining 3.5 miles of the eastern end of the Bolles Canal
• Segment 3 Design Completion – April 2016
• Future Work – will consist of the remaining 3.5 miles of the western end of the Bolles Canal
RS-G341 Bolles Canal Phase I

Design and Construction Schedule Phase 1

- Design of Segment 1 Complete
- Design of Segment 2 Complete
- Duda Bridge Agreement Complete - February 2016 GB
- Duda Bridge Design Complete - May 2016
- Segment 1 Notice to Proceed Complete - September 14, 2015
- Segment 1 Substantial Completion Complete - September 13, 2016
- Segment 1 Final Completion Complete - November 12, 2016
- Segment 2 Notice to Proceed July 2016
- Segment 2 Substantial Completion March 31, 2017
- Segment 2 Final Completion May 30, 2017

Construction Activities Segment 1

- Farm Ditch 100% Complete
- Farm Road 95% Complete
- Blasting & Excavation 100% Complete
- Duda Bridge Replacement 95% Complete
## Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete land acquisition</td>
<td>9/30/2021</td>
<td>Pending</td>
</tr>
<tr>
<td>Initiate Design</td>
<td>1/15/2015</td>
<td>Complete</td>
</tr>
<tr>
<td>Submit state and federal permits</td>
<td>8/1/2021</td>
<td>Pending</td>
</tr>
<tr>
<td>Complete design</td>
<td>7/31/2022</td>
<td>Pending</td>
</tr>
<tr>
<td>Initiate construction</td>
<td>10/14/2015</td>
<td>Complete</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2023</td>
<td>Pending</td>
</tr>
<tr>
<td>Construction status report</td>
<td>3/1/2024</td>
<td>Pending</td>
</tr>
<tr>
<td>Completion of construction</td>
<td>12/31/2024</td>
<td>Pending</td>
</tr>
</tbody>
</table>