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

December 2016
## Long-Term Plan Project Summary

<table>
<thead>
<tr>
<th>Project</th>
<th>Construction Completion Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>L-8 Flow Equalization Basin</td>
<td>12/31/2016</td>
<td>Pending</td>
</tr>
<tr>
<td>G-541 / L-8 Divide</td>
<td>9/30/2018</td>
<td>Complete</td>
</tr>
<tr>
<td>S-5AS</td>
<td>9/30/2016</td>
<td>Complete</td>
</tr>
<tr>
<td>G-716</td>
<td>12/31/2018</td>
<td>Pending</td>
</tr>
<tr>
<td>STA 1W Expansion #1</td>
<td>12/31/2018</td>
<td>Pending</td>
</tr>
<tr>
<td>RS-G341 Bolles Canal</td>
<td>12/31/2024</td>
<td>Pending</td>
</tr>
</tbody>
</table>
G-538 Inflow Structure

All Cells: 1.1’ NAVD

November 14, 2016
G-539 Pump Station
## L-8 Flow Equalization Basin

<table>
<thead>
<tr>
<th>Step</th>
<th>Status</th>
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<tbody>
<tr>
<td>Governing Board Approval</td>
<td>Complete</td>
</tr>
<tr>
<td>Notice to Proceed</td>
<td>Complete</td>
</tr>
<tr>
<td>Preliminary Design (Revetment)</td>
<td>Complete</td>
</tr>
<tr>
<td>Preliminary Design (Pump and Inflow)</td>
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</tr>
<tr>
<td>Final Design (Revetment)</td>
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</tr>
<tr>
<td>Final Design (Pump and Inflow)</td>
<td>Complete</td>
</tr>
<tr>
<td>Revetment Construction</td>
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<tr>
<td>Substantial Completion (SC)</td>
<td>April 18, 2015</td>
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<tr>
<td>- Partial SC – Inflow Gate Structure</td>
<td>July 14, 2016</td>
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<tr>
<td>Final Completion</td>
<td>October 15, 2015</td>
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## L-8 Flow Equalization Basin

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Compliance Date</th>
<th>Status</th>
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</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>
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<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>
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</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 July 7, 2016
- Final Completion September 7, 2016
### 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>
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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>
<td>Complete</td>
</tr>
<tr>
<td>Complete construction</td>
<td>9/30/2018</td>
<td>Complete</td>
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</tbody>
</table>
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
STA-1W Expansion #1

Canal and Embankment Construction
STA-1W Expansion #1

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>
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<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>
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</tbody>
</table>
RS-G341 Bolles Canal Phase I

Project Boundary 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 Start – May 30, 2016
• Construction Completion – September 2016
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 2017

Future Work – will consist of the remaining 3.5 miles of the western end of the Bolles Canal
Design and Construction Schedule Phase 1

- Design of Segment 1 Complete
- Design of Segment 2 Complete
- Segment 1 Construction Complete
- Duda Bridge Replacement Complete
- Segment 2 Notice to Proceed July 2016
- Segment 2 Substantial Completion March 31, 2017
- Segment 2 Final Completion May 30, 2017
- Segment 3 Final Design April 2017

Construction Activities Segment 2

- Farm Ditch 80% Complete
- Farm Road 70% Complete
- Excavation Main Canal 30% Complete
# Milestones

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</thead>
<tbody>
<tr>
<td>Complete land acquisition</td>
<td>9/30/2021</td>
<td>Pending</td>
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<tr>
<td>Initiate Design</td>
<td>10/1/2020</td>
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<tr>
<td>Submit state and federal permits</td>
<td>8/1/2021</td>
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<td>Complete design</td>
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<tr>
<td>Initiate construction</td>
<td>11/30/2022</td>
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<td>Construction status report</td>
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