New Orleans Region
Construction Projects

John Troutman/Peter Hopkins
CPRA Operations Division
June 15, 2016
## Regional Restoration Summary

<table>
<thead>
<tr>
<th>Project ID</th>
<th>Project Name</th>
<th>Status</th>
<th>Est. Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO-0142</td>
<td>Hydrologic Restoration of the Amite River Diversion Canal</td>
<td>Bids opened 6/13/16</td>
<td>$3.59 M</td>
</tr>
<tr>
<td>PO-0104</td>
<td>Bayou Bonfouca Marsh Creation Project</td>
<td>Bids opened 6/07/16</td>
<td>$29.27 M</td>
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<tr>
<td>BA-0027-C</td>
<td>Barataria Basin Landbridge Shoreline Protection, Phase 3</td>
<td>Under Construction</td>
<td>$26.35 M</td>
</tr>
<tr>
<td>BA-0043-EB</td>
<td>Mississippi River Long Distance Sediment Pipeline</td>
<td>Under Construction</td>
<td>$66.31 M</td>
</tr>
<tr>
<td>BA-0048</td>
<td>Bayou Dupont Marsh and Ridge Creation</td>
<td>Under Construction</td>
<td>$38.24 M</td>
</tr>
<tr>
<td>BA-0111</td>
<td>Shell Island West - NRDA</td>
<td>Under Construction</td>
<td>$101.31 M</td>
</tr>
<tr>
<td>BA-0164</td>
<td>Bayou Dupont Phase 3</td>
<td>Under Construction</td>
<td>$18.73 M</td>
</tr>
<tr>
<td>BS-0016</td>
<td>South Lake Lery Shoreline and Marsh Restoration</td>
<td>Under Construction</td>
<td>$33.72 M</td>
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<tr>
<td>PO-0148</td>
<td>Living Shoreline</td>
<td>Under Construction</td>
<td>$15.29 M</td>
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<tr>
<td>BA-0042</td>
<td>Lake Hermitage Marsh Creation</td>
<td>Recently Completed</td>
<td>$44.05 M</td>
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<td>BA-0068</td>
<td>Grand Liard Marsh and Ridge Restoration</td>
<td>Recently Completed</td>
<td>$42.8 M</td>
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<td>PO-0043</td>
<td>East Labranche Shoreline Protection</td>
<td>Recently Completed</td>
<td>$3.75 M</td>
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</table>

Total: $435.91 M
Bayou Bonfouca Marsh Creation (PO-104)

Project Features

- 620 acres of marsh creation along the lake rim and interior

- Funding Programs: CWPPRA & CIAP

- Cost: $29.9 Million

- Status: Bid advertisement within 30 days
Hydrologic Restoration of the Amite River Diversion Canal (PO-142)

- **Project Features:**
  - cut gaps in the canal’s northern spoil bank
  - dig three creeks 2,750 feet into swamp
  - cut gaps in old railroad grade
  - plant cypress and tupelo

- **State:** MOEX - $3.5 million

- **To be bid soon**
Living Shoreline Demo Project (PO-148)

**Project Features**

- 2.9 miles shoreline protection

- Four products:
  - Reefballs
  - Oysterbreak
  - Wave Attenuator
  - Reefblk (in gaps)

- $15.29 M

- Under Construction

- Field placement April 2016
Demo Project Reef Products

Reef ball

WADs

Reefblk

Oysterbreak
South Lake Lery Shoreline and Marsh Creation (BS-16)

Project Features

- 520 acres of marsh creation
- 35,831 ft. (6.8 miles) of shoreline restoration
- **Lake rim:**
  - 50’ crown width
  - 3’ NAVD elevation
  - Vegetation planting
- $33.72M
- Under Construction
### Long Distance Sediment Pipeline +

<table>
<thead>
<tr>
<th>Project</th>
<th>Funding Source</th>
<th>Cost</th>
<th>Volume of Fill (Cubic Yards)</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bayou Dupont Marsh and Ridge Restoration (BA-48)</td>
<td>CWPPRA</td>
<td>$38.2 M</td>
<td>2,710,422 cy</td>
<td>360</td>
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<tr>
<td>Bayou Dupont Sediment Delivery Marsh Creation #3 (BA-164)</td>
<td>CWPPRA</td>
<td>$18.7 M</td>
<td>1,107,855 cy</td>
<td>124</td>
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<td>Long Distance Sediment Pipeline (BA-43EB)</td>
<td>CIAP/State Surplus</td>
<td>$66.3 M</td>
<td>4,330,524 cy</td>
<td>555</td>
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<td><strong>TOTAL</strong></td>
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<td><strong>$123.2 M</strong></td>
<td><strong>8,148,801 cy</strong></td>
<td><strong>1,039</strong></td>
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</table>
Long Distance Sediment Pipeline +
Long Distance Sediment Pipeline (BA-43)

• Pipeline corridor (12 miles) from MR to the Barataria Waterway

• Infrastructure under highway and multiple canal crossings, including one really nice bridge

• Corridor supports existing and future projects

• $66.31M

• Active construction complete
Bayou Dupont Marsh and Ridge Creation (BA-48)

Project Features
- 360 acres of marsh
- 2 mile long ridge (4.5 ft NAVD) along bayou
- vegetation planting
- $38.24M
- Active construction complete
- Veg planting 2018 (O&M phase)
Bayou Dupont Marsh Creation – Phase 3 (BA-164)

Project Features

- 415 acres of marsh and terraces
- $18.73M
- Status: Under Construction
Barataria Basin Landbridge Shoreline Protection (BA-27) **All Phases**

- 10 years construction
  - 3 phases, 8 CUs

- Linear Feet = 117,268 (22 miles)
Barataria Basin Landbridge SP, Phase 3 (BA-27c)

Project Features:

- CUs 7 & 8
- 21,126 linear feet (4 miles) Shoreline Protection:
  - 2,743 ft. offshore rock dike
  - 18,383 ft. revetment
- $26.35M
- In Construction
Shell Island – West Barrier Island Restoration (BA-111)

• Project Features:  Dune and back barrier marsh creation

• Borrow from MR for dune (sand) and offshore for marsh platform (fines)

• Funding Program:  NRDA Early Restoration (Outer Coast Restoration Project)

• $101.31M

• Under Construction
Questions?

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