Restoration by Design:
The USACE Regional Sediment Management Program

Presented to:
National Conference on Ecosystem Restoration

By: USACE Jacksonville District
RSM Center of Expertise
### 2013 RSM VALUE TO THE NATION (Jacksonville)

<table>
<thead>
<tr>
<th>FY13 NAVIGATION RSM</th>
<th>TOTAL COST (NAV)</th>
<th>PLACEMENT</th>
<th>BEACH VOLUME**</th>
<th>ROUGH VALUE TO FRM***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Port Everglades* (partial)</td>
<td>$1,898,489</td>
<td>Broward SPP</td>
<td>96,126</td>
<td>$5,959,812</td>
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<tr>
<td>Palm Beach Harbor</td>
<td>$4,870,074</td>
<td>Palm Beach Co NF</td>
<td>420,000</td>
<td>$6,300,000</td>
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<tr>
<td>Ft Pierce Inlet</td>
<td>$3,299,090</td>
<td>Fort Pierce SPP</td>
<td>191,000</td>
<td>$2,330,200</td>
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<tr>
<td>St Lucie Inlet</td>
<td>$6,465,600</td>
<td>Martin Co. SPP</td>
<td>200,000</td>
<td>$3,000,000</td>
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<tr>
<td>St Augustine Inlet</td>
<td>$1,932,600</td>
<td>St Johns SPP</td>
<td>116,000</td>
<td>$696,000</td>
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<tr>
<td>Ponce Inlet (SAW)</td>
<td>$1,000,000</td>
<td>Volusia Co. (NS)</td>
<td>141,000</td>
<td>$2,115,000</td>
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<tr>
<td>AIWW-Jupiter Inlet</td>
<td>$2,601,207</td>
<td>Palm Beach Co</td>
<td>55,000</td>
<td>$825,000</td>
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<td>AIWW-Haulover Inlet</td>
<td>$2,601,207</td>
<td>Dade Co. SPP</td>
<td>120,000</td>
<td>$6,180,000</td>
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<tr>
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<td>$22,067,060</td>
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<td>$27,406,012</td>
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<tr>
<td>King's Bay EC (NAVY)</td>
<td>$8,030,480</td>
<td>Nassau Co SPP</td>
<td>121,046</td>
<td>$1,361,768</td>
</tr>
</tbody>
</table>

* Includes $1.2M NF (MOA)
** Includes 15% placement losses
*** Contract costs only, additional FRM value for E&D/S&A not included
RSM: Tampa and Fate of Fines Pilot

Savings: $8M + Habitat + Erosion Mitigation
RSM: Not just sand on the beach!

- Dangerous cross currents
- Remove 3,100’ of existing training wall
- New 4,250’ western wall
- 53 acre wetland restoration
- New 2,050’ eastern wall
- New flow improvement channel
- IWW

$9M savings compared to offshore disposal

Jax Harbor, Milepoint
Questions?

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