PortMiami Statistics

PortMiami is located in Miami-Dade County, one of the most diverse, multilingual populations in the U.S. making Greater Miami one of the world’s most ideal centers for international trade and tourism

• The 12th Busiest Container Port in the United States

• Among the Top Container Ports in Florida – Almost 900,000 TEUs in 2014

• Cruise Capital of the World – More than 4.77 million passengers in 2014 (Another World Record!)

  • 167,000 daily passengers
  • $126.1 million in revenue (per the CAFR)

• Economic Impact: $27 billion and 207,000 Direct/Indirect Jobs to South Florida
Project Area

City of Miami

Bill Sadowski Critical Wildlife Area
Biscayne Bay Aquatic Preserve

Biscayne Bay National Park

PortMiami
Where we are Today

New Port Tunnel

- PPP with FDOT, MAT, City of Miami and MDC
- Two Twin-Tunnels - 3900 ft. long each
- +40 ft. under the bottom of Government Cut
- 5% Grade
- 5 cross passages
Where we are Today
New On-Port Intermodal Yard

• TIGER II Grant Recipient
• PPP with MARAD, DOT, FEC and MDC
• Bascule bridge rehabilitation
• Intermodal Yard – construction began July 2013 and completed in January 2015
• Unique – interim operations
• Next – CBP operations
Where we will be This Summer!

Deep Dredge Project

<table>
<thead>
<tr>
<th>Base Contract</th>
<th>Option A</th>
<th>Option B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Widen seaward portion of Cut-1 from 500 to 800 feet; deepen Cut-1 and Cut-2 from -44 to -52 feet; reef and seagrass mitigation area construction.</td>
<td>Cut 3 station 0 to Cut 3 station 12 and Fisherman’s Channel Station 17 to Lummus Island Turning Basin end; deepen from -42 to -50 feet</td>
<td>Cut 3 station 12 to Fisherman’s Channel station 17; Local sponsor berthing areas F.C. station 8 to 17; deepen from -42 to -50 feet</td>
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</tbody>
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Project Scope

- Approximately 5,000,000 CY of dredging
  - EPA designated offshore disposal site
  - Beneficial re-use at former borrow site for seagrass mitigation
- Estimate 4,000,000 CY of Rock
- Environmental Resource Monitoring
- Environmental Mitigation
  - Coral Relocation
  - Artificial Reef Creation
  - Seagrass Beds Restoration
How we got here with the Dredge

- Congressional Authorization and Appropriation to begin Study 1999
- Study Phase (GRR) 2000
- Congressional Authorization 2007
- Preconstruction, Engineering, and Design Phase (PED) and Permitting Phase 2009
- PPA – August 2012
- Construction Phase 2013
- Completion July 2015
- Post Construction Environmental Monitoring Phase 2015
Unique Challenges

• Nearly 100% Non-Federal Funding, advanced funding with Corps managing – Florida Sunshine Law
• Permit petitions, ESA lawsuits, local opposition from environmental groups.
• Unexpected discoveries.
• Temporary influence of massive infrastructure improvement project (marine vessel traffic, noise, sedimentation) has led to adaptive management implementation.
Dredge Status Today

- Total Current Estimated Cost: $207,376,816.95
- Total Available Material to be Excavated 5,151,544 CY
- Total Dredged to date: Approximately 3,000,000 CY
- ~65% including mitigation features
- Required Completion Date is July 31, 2015

Over 11 acres Artificial have been built
- >3’x3’ dimensions for stabilization
- 60% low relief <3ft height
- 40% high relief >3ft height

Over 900 Corals relocated.

16.6 Acres Seagrass Restoration underway
Thank You

For more information visit our website
www.miamidade.gov/portofmiami