American Recovery and Reinvestment Act – Navigation Funding

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Corps Navigation Mission
Provide safe, reliable, efficient, effective and environmentally sustainable waterborne transportation systems for movement of commerce, national security needs, and recreation.
Funding

- FY09 Appropriation
- American Recovery and Reinvestment Act (ARRA)
Energy & Water Appropriation

- $5B USACE Civil Works Program
- $2B Navigation – about 40%
- $1.4B Navigation O&M – about 70%
- $600M Maintenance dredge - about 40%
Navigation Assets

- Coastal Navigation
- Inland Navigation
- Navigation Structures
  - Jetties, breakwaters, etc
  - River training works
- Bridges
### ARRA Breakdown by Account

#### SUMMARY OF APPROPRIATIONS ($Billions)

<table>
<thead>
<tr>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigations</td>
<td>$0.025</td>
</tr>
<tr>
<td>Construction</td>
<td>$2.000</td>
</tr>
<tr>
<td>O&amp;M</td>
<td>$2.075</td>
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<tr>
<td>MR&amp;T</td>
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<tr>
<td>Regulatory</td>
<td>$0.025</td>
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<tr>
<td>FUSRAP</td>
<td>$0.100</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$4.600</strong></td>
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</tbody>
</table>
ARRA and Maintenance Dredging

• Quick Contract Award
  – Combine with Annual Appropriation
  – Less Engineering and Design than structures

• Quick Completion
  – Most work 3-4 months duration

• Useable Product
  – Improve Channel availability
  – Dredge projects we have not been able to maintain
Coastal Navigation
Performance Standard

• Standard
  – Full project depth
  – Half project width, 95% of the time

• Trend
  – FY 2005: 38%
  – FY 2006: 35%
  – FY 2007: 32%
  – FY 2009 – 2013: FYDP get to 95%
ARRA Maintenance Dredging
PRELIMINARY ESTIMATE

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Estimate ($M)</th>
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<tbody>
<tr>
<td>LRD</td>
<td>120</td>
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<tr>
<td>MVD</td>
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<tr>
<td>NAD</td>
<td>140</td>
</tr>
<tr>
<td>NWD</td>
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<tr>
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<tr>
<td>SPD</td>
<td>40</td>
</tr>
<tr>
<td>SWD</td>
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</tr>
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</table>
ARRA Execution

• MG Temple, Deputy Commanding General for Civil Works and Emergency Response emphasizes:
  • Process
  • People
  • Performance
Execution Challenges

• Size of the program
• Contract development and scheduling
• Environmental Windows
• Dredge Availability
Ability to Execute

• Full projects dimensions vs. Restricted Depth and Width
• Walking job versus Production job
• Coordinate the work Regionally and Nationally
Dredges

- Cutterhead/Pipeline 60%
- Hopper 25%
- Mechanical 15%
Results

• Improved Channel Availability
  – Critical to the efficient and safe movement of goods
  – Assures US goods competitiveness in the global marketplace

• Subsequent channel maintenance is from an improved base condition
Summary

- Infrastructure finally getting attention!
- Funds are coming
- Regional Industry Days
- National Plan
- Let’s go!