

Charleston Harbor Post 45 Project, South Carolina

PROJECT SCOPE:

- Recommended plan from IFR/EIS would deepen the entrance channel from 47 to 54 ft, most of the inner harbor from 45 to 52 ft, and channel segments to N Charleston from 45 to 48 ft. Turning basins and specific channel segments would also be widened.
- Disposal Areas: Raise existing DMDFs and modify ODMDS

DREDGING REQUIREMENTS:

- Equipment Mix:
 - Hopper/Cutter/Mechanical
- Timing/Windows:
 - Entrance – Dec thru March
 - Inner Harbor – None
- Approx. 40 MCY – Material-Primarily Sands and Silts with some clays and loosely cemented limestone

MILESTONES:

- Chief's Report signed 08 Sept 2015
- DA for PED executed 16 Dec 2015
- ASA(CW) transmits to Congress 12 Jan 2016
- 95% Entrance Channel Designs end of 2016
- Anticipated Construction Start: Upon Authorization and PPA Execution

ISSUES:

- Under the recommended plan, consolidated material from the entrance channel would be used beneficially to create a berm around the modified ODMDS and eight (8) placement sites for mitigation (2) and habitat enhancement (6). Other reefs included at additional costs paid by SC DNR.



RECOMMENDED PLAN (LPP)

- Entrance channel: 54' depth
- Entrance channel 3-mile extension
- Segment 1: 52' depth
- Segment 2: 52' depth
- Segment 3: 48' depth
- Widening in select areas

- \$109 M Average Annual Economic Benefit
- Duration of Construction: est. 40 – 76 Months, dependent on:
 - Full and Continuous Funding
 - Dredge Availability
 - Environmental Windows

