CURRENT AND FUTURE STUDIES

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Plan Formulation Section

USACE, Galveston District

February 6, 2014

Galveston District – Dredging Meeting

Custodians of the Coast

US Army Corps of Engineers

BUILDING STRONG®

Planning Section Update

- Shallow Draft Channel Studies
- Deep Draft Channel Studies
- Challenges

Existing Shallow Draft Studies

GIWW – High Island to Brazos DMMP

- District has initiated a new DMMP.
- 85 mile reach with 65 PA's.
- District has concluded initial environmental review of all PA's in order to evaluate which ones will be included in the DMMP analysis.

GIWW - Port O'Connor to Corpus Christi Bay

- Current study evaluating changes to address navigation safety issues.
- Report draft completed and submitted for public review in Sept 2013.
- Scheduled to be approved in June 2014.

GIWW - Mooring Basin Modifications

- Study underway to evaluate modifications to four mooring basins (Port Arthur, Bolivar, Pelican Island and Brazos River facilities).
- Benefits currently being evaluated using Port Vision data.
- Scheduled to be complete in November 2014.
- Utilizing O&M funds.

Cedar Bayou DMMP

- Completed evaluation of new placement area alternatives including modified and new upland confined as well as new beneficial use opportunities.
- Draft report complete and currently under review.
- Scheduled to be complete in January 2015.
- Utilizing O&M funds.

Chocolate Bayou DMMP

- Completed new DMMP which included modification of existing placement area.
- Document has been submitted to Southwestern Division for review and approval.
- Utilizing O&M funds.

On-Going Deep-Draft Studies

Sabine Neches Waterway

- Chief's Report signed on 22 July 2011.
- Awaiting Congressional authorization.
- Recommends deepening to 48 feet and selective widening.

Houston – Galveston Navigation Channels

- Initiated preparation of DMMP for Houston Ship Channel.
  - Existing capacities evaluations are complete.
  - Utilizing O&M funds.
- Discretionary Authority modification to Bayport Flare.
  - Evaluating bend easing and widener. Complete Oct 2014.
  - Utilizing O&M funds.
- Houston-Galveston Navigation Channels 902 LRR
  - Draft LRR identifying new cost for Congressional authorization. Scheduled to transmit report to Congress Nov 2014.

Freeport Channel

- Feasibility Study evaluating deepening and widening alternatives.
- Successfully defended project at Civil Works Review Board in August 2012. Chief's Report signed on 7 Jan 2013.
- Recommends deepening to 55, 50 and 26 feet with selective widening.
- Section 204 Widening approved by ASA.

Corpus Christi Ship Channel

- Completed study in 2003 to deepen channel to 52 feet, barge lanes, extend La Quinta Channel.
- Received authorization in 2007 WRDA.
- Completed construction of La Quinta Channel extension. Sponsor deepening from 39 to 45 feet.

Brazos Island Harbor

- Feasibility study to evaluate deepening/ widening alternatives.
- Draft report completed. Review of report (ATR/IEPR/Public/Policy) underway.
- Chief's Report scheduled for Sept 2014.

Future Studies

- Extension of Houston Ship Channel deepening
  - Boggy Bayou to Turning Basin.
  - Section 216. SWG has completed an Initial Appraisal and submitted for review and approval.
  - Await new start funds to begin recon.

Houston Ship Channel Extension

FIGURE 2
HOUSTON SHIP CHANNEL BAYOU REACH

Challenges

- Uncertainty in the budgeting process
- Review process
- 3x3x3

Questions?

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