



**US Army Corps
of Engineers
Galveston District**

Galveston District Dredging Conference 2007

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Navigation – deep draft

Texas leads all
other states in total
tonnage handled:
487,100,000 tons
out of 2,527,622,000
total. (2005)

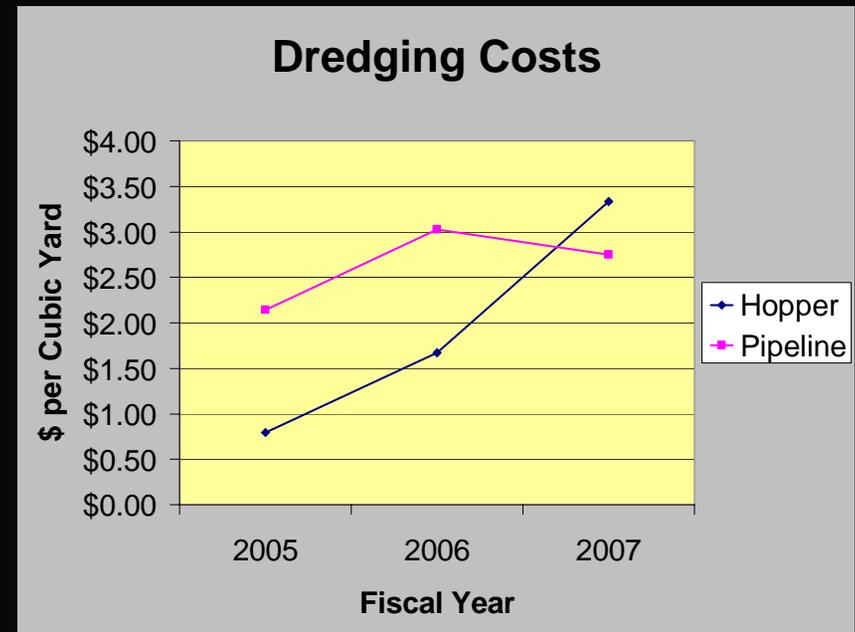




Operation and Maintenance

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- ◆ Dredging costs have increased significantly.
- ◆ Budgets are flatlined.





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Challenges Ahead.....

- Cost of business has increased...do less with same dollars, and increased competition for Federal dollars
- Wider/deeper/longer projects cost more to maintain
- Lack of funds to maintain low use shallow draft projects



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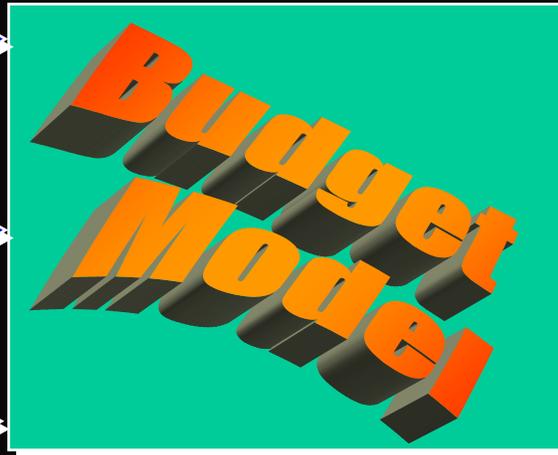
Budget Model Structure

INPUTS

Component / Activity

Condition Assessment

Closure Data



OUTPUTS

Prioritized failure risks

Economic Impacts



US Army Corps

FY 08 Budget Operations and Maintenance

O&M PROJECT NAME	PRES BUD	HOUSE	SENATE	TOTAL REQ'D
Barbour Terminal Ship Channel	\$188,000	\$188,000	\$188,000	\$188,000
Bayport Ship Channel	\$188,000	\$188,000	\$188,000	\$188,000
Brazos Island Harbor	\$0	\$3,000,000	\$1,000,000	\$10,846,000
Cedar Bayou	\$0	\$0	\$0	\$4,530,000
Channel to Harlingen, Texas	\$0	\$0	\$0	\$4,600,000
Channel to Port Bolivar	\$569,000	\$0	\$569,000	\$569,000
Channel to Port Mansfield, Texas	\$0	\$0	\$0	\$10,208,000
Channel to Victoria - GIWW	\$0	\$0	\$0	\$4,200,000
Chocolate Bayou - GIWW	\$0	\$0	\$0	\$100,000
Clear Creek and Clear Lake	\$0	\$0	\$0	\$0
Corpus Christi Ship Channel	\$10,597,000	\$10,597,000	\$10,597,000	\$14,000,000
Double Bayou	\$0	\$0	\$0	\$2,547,000
Freeport Harbor	\$5,735,000	\$5,735,000	\$5,735,000	\$9,500,000
Galveston Harbor and Channel	\$20,567,000	\$20,567,000	\$20,567,000	\$30,567,000
Greens Bayou Channel	\$0	\$0	\$0	\$188,000
Gulf Intracoastal Waterway, Tx	\$24,161,000	\$24,161,000	\$25,000,000	\$46,000,000
Houston Ship Channel	\$14,442,000	\$14,442,000	\$17,221,000	\$21,400,000
Matagorda Ship Channel	\$8,713,000	\$8,713,000	\$8,713,000	\$10,700,000
Mouth of Colorado River - GIWW	\$0	\$0	\$0	\$21,000,000
Project Condition Surveys	\$0	\$0	\$0	\$250,000
Sabine-Neches Waterway	\$12,612,000	\$12,612,000	\$12,612,000	\$17,100,000
Texas City Channel	\$4,587,000	\$4,587,000	\$4,587,000	\$5,587,000
Trinity River and Tributaries	\$0	\$0	\$0	\$4,250,000
TOTALS (Dollars)	\$102,359,000	\$104,790,000	\$106,977,000	\$218,518,000

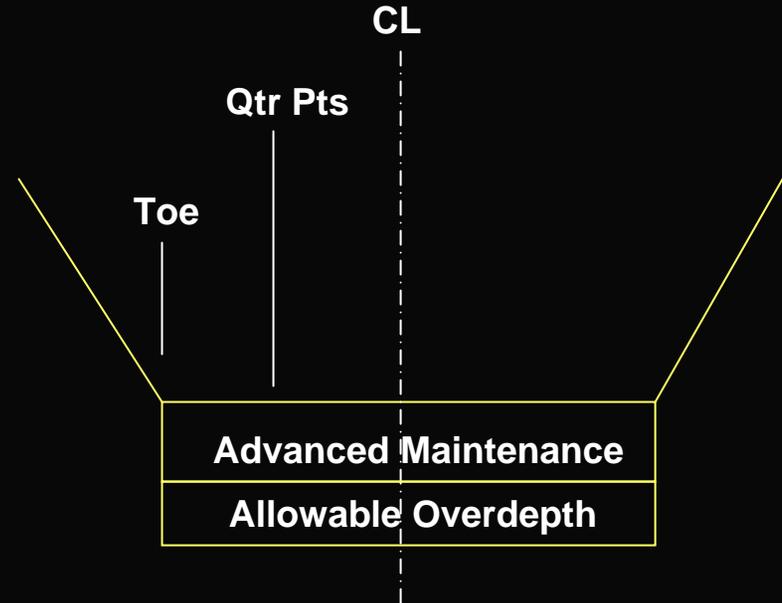


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Level of Service

Coastal Channel Availability

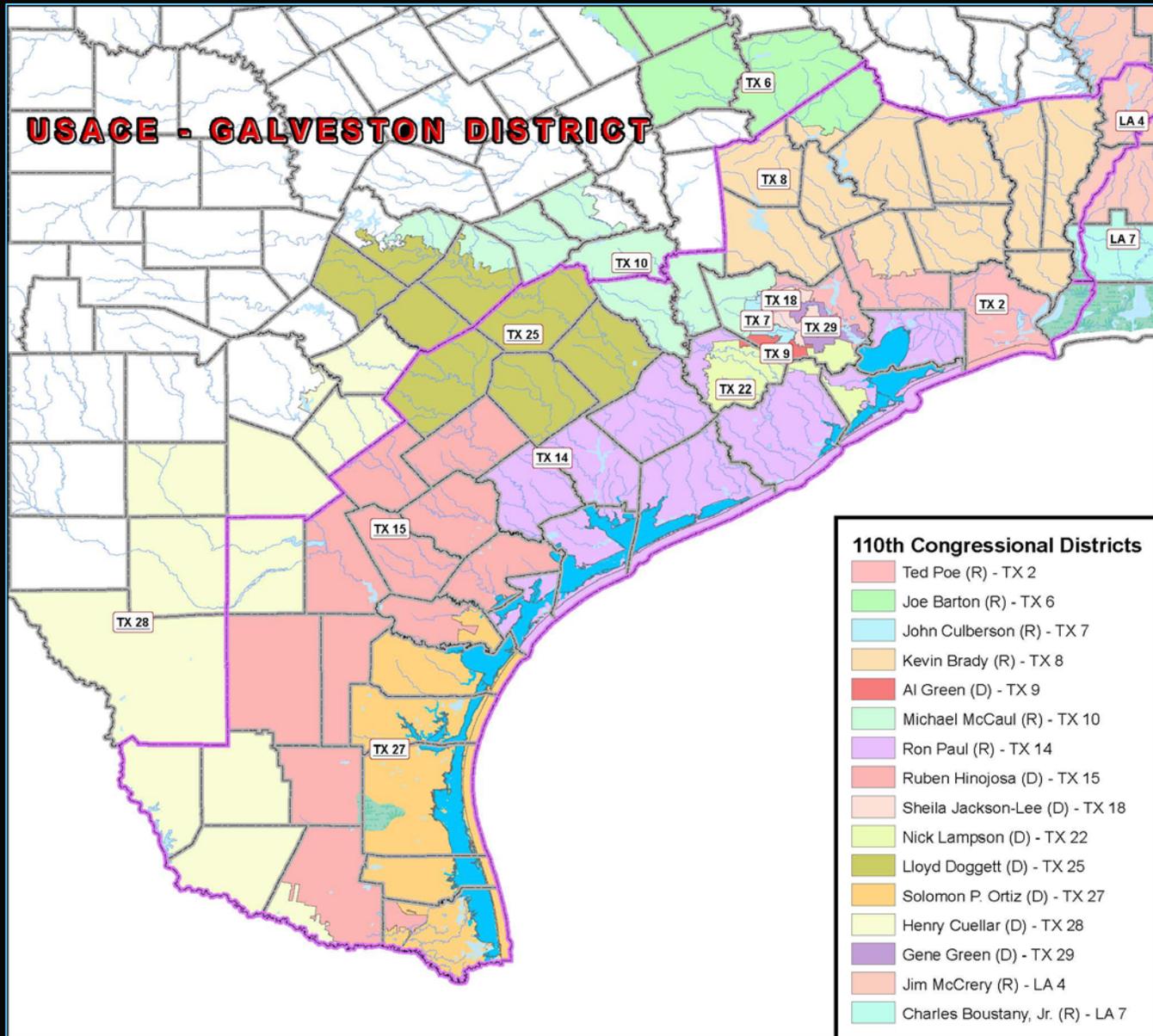
- ◆ High Use Projects, 10M+ tons/year
- ◆ Half channel width
- ◆ Full project length
- ◆ Performance standard 95% of the year
- ◆ 5 year ramp to achieve
- ◆ FY09 is 1st year of implementation





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Congressional Districts





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Common Areas of Concern

Shoreline Erosion



Aging Infrastructure



O & M Funding



DAMP – Disposal Area
Management Plans





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