

BRAZOS RIVER FLOODGATES AND COLORADO RIVER LOCKS, TX

INLAND WATERWAYS USERS BOARD MEETING #96

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20 April 2022

***World-Class Delivery...
Real-World Impact!***



Brazos River Crossing



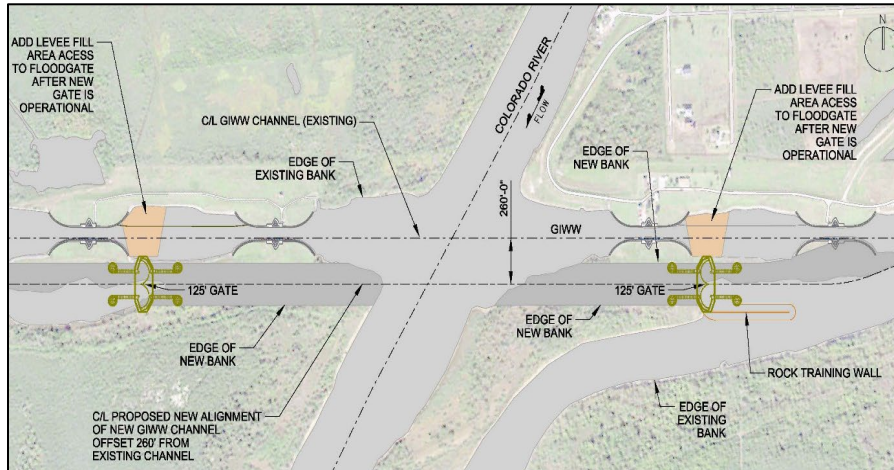
Colorado River Crossing



US Army Corps
of Engineers®



PROJECT OVERVIEW OF SCOPE



Colorado River Locks Plan

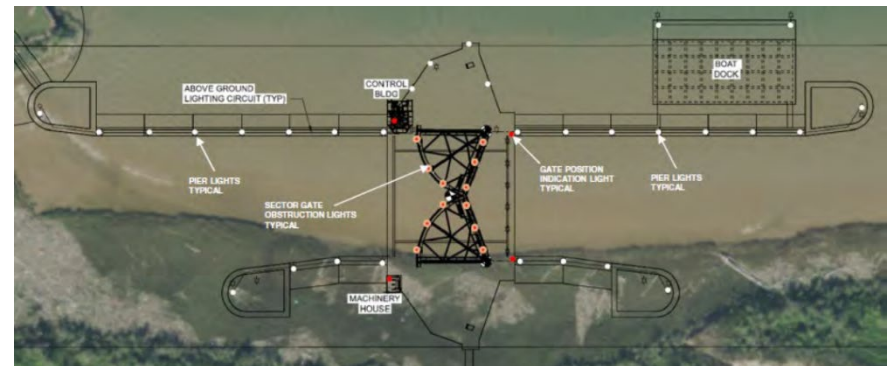
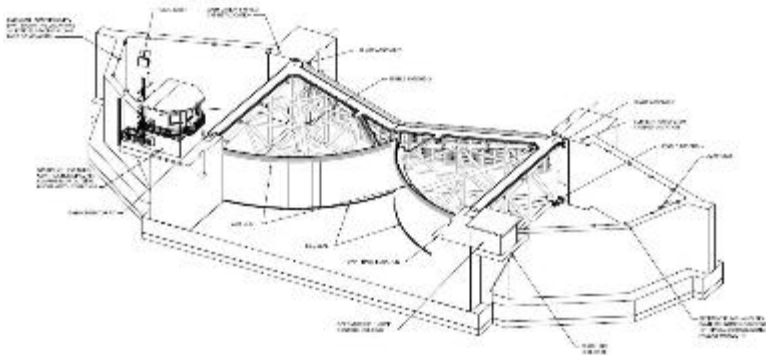
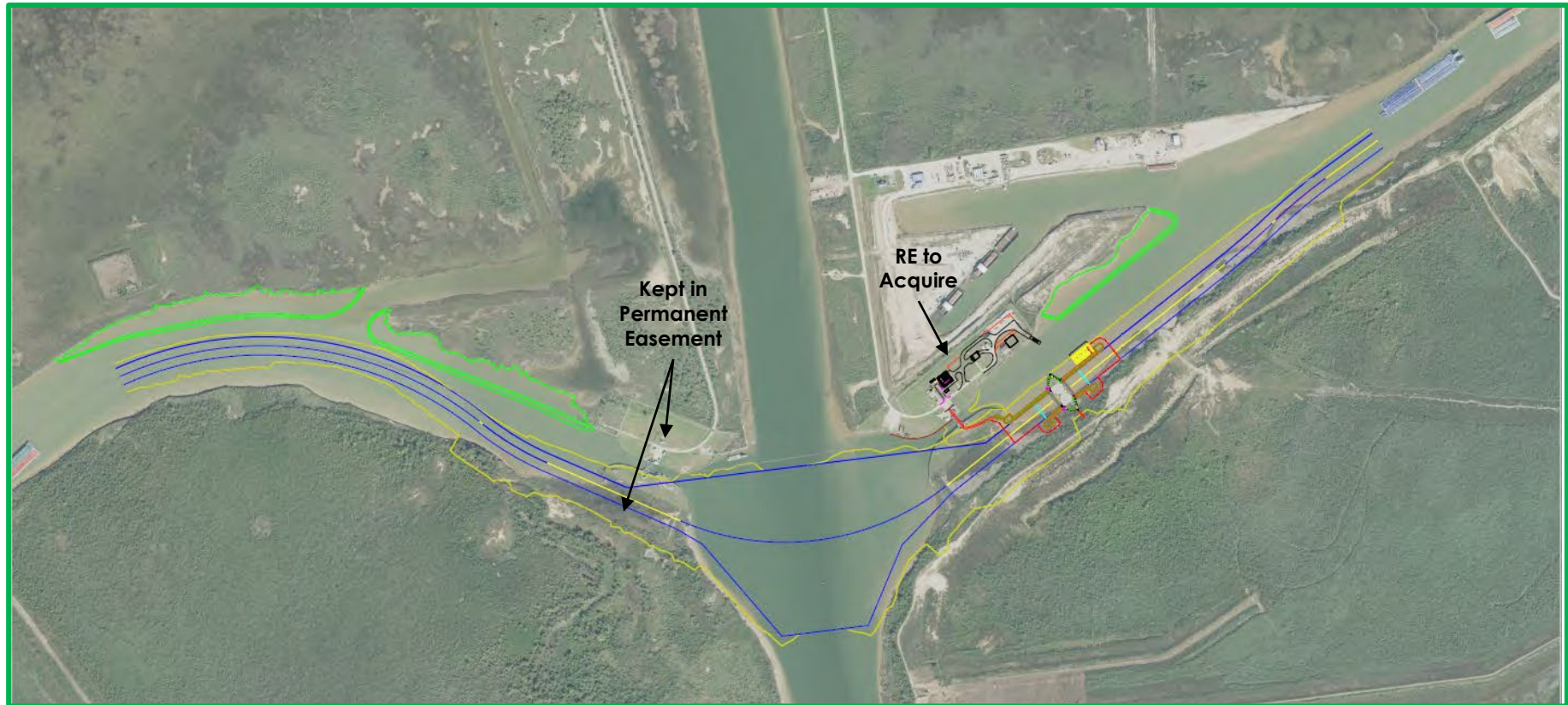
- Removal of all existing buildings and 75-ft locks on both sides of the river
- Construction of a 125-ft wide channel from east to west
- Construction of two new 125-ft wide locks on the east and west sides
- Construction of new control houses, an administrative office building, warehouse, and boat house
- Creation of ~1 acre of tidal wetlands

Brazos River Floodgates Plan

- Removal of the existing building and 75-ft gates on both sides of the river
- Construction of a 125-ft wide channel from east to west
- Construction of a new 125-ft wide sector gate structure on the east side
- Construction of new control houses, an administrative office building, warehouse, and boathouse
- Creation of ~14 acres of tidal wetlands



BRFG PLAN VIEW AND KEY COMPONENTS





SCHEDULE – FY22 WORK



Completed: 35% design work, including District Quality Control reviews and Value Engineering Study. Coordination with resource agencies, including mitigation areas.

Ongoing: 65% design work submittal (9 Aug 22)

Scheduled: 65% design work DQC and ATR reviews complete (24 Aug 22)

Brazos River Crossing



Colorado River Crossing





COST/FUNDING OVERVIEW – TOTAL & REMAINING



FINANCIAL SUMMARY (\$):

	<u>PED</u>	<u>CONSTRUCTION</u>
Federal Cost Estimate	\$23,122,000 <u>1/</u>	\$327,961,000
IWTF Cost Estimate	\$0	\$176,694,000
Total Project Cost	\$23,122,000	\$504,555,000 <u>4/</u>
Allocation thru FY 2018	\$0	\$0
Allocation for FY 2019	\$0	\$0
Allocation for FY 2020	\$0	\$0
Allocation for FY 2021	\$16,618,000 <u>2/</u>	\$16,618,000 <u>2/</u>
President Budget FY 2022	\$6,932,000 <u>3/</u>	\$6,932,000 <u>3/</u>
Federal Balance to Complete	\$0	\$304,411,000
IWTF Balance to Complete	\$0	\$176,964,000

1/ Excluding Colorado River Locks, except the economic updates.

2/ Includes 21 Work Plan Funding in the amount of \$16,440,000 and Reallocated Feasibility funds to the PED phase in the amount of \$178,000.

3/ President Budget Fiscal Year 2022 funded PED phase to completion.

4/ BRFG: \$194,727,000 CRL: \$309,828,000



PROJECT ISSUES AND CHALLENGES



- Maintaining project at a reasonable cost, including land acquisition.



THANK YOU

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