

# BRAZOS RIVER FLOODGATES AND COLORADO RIVER LOCKS, TX

## INLAND WATERWAYS INDUSTRY DAY MEETING

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U.S. Army Corps of Engineers  
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# PROJECT OVERVIEW OF SCOPE



**Authorization:** Section 401 of the Water Resources Development Act, December 2020

**Non-Federal Sponsor:** 100% Federal-funded

**Phase:** Pre-Construction Engineering and Design (PED)

**Total Project Cost:** \$504,555,000 (First cost)

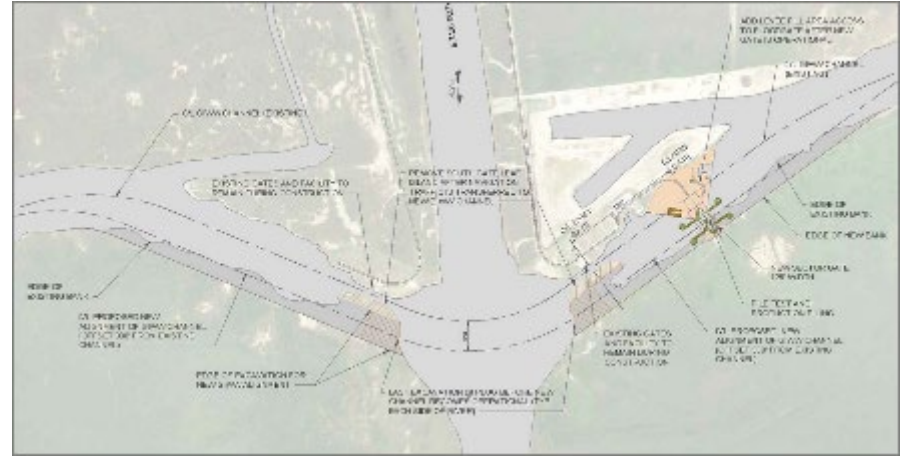
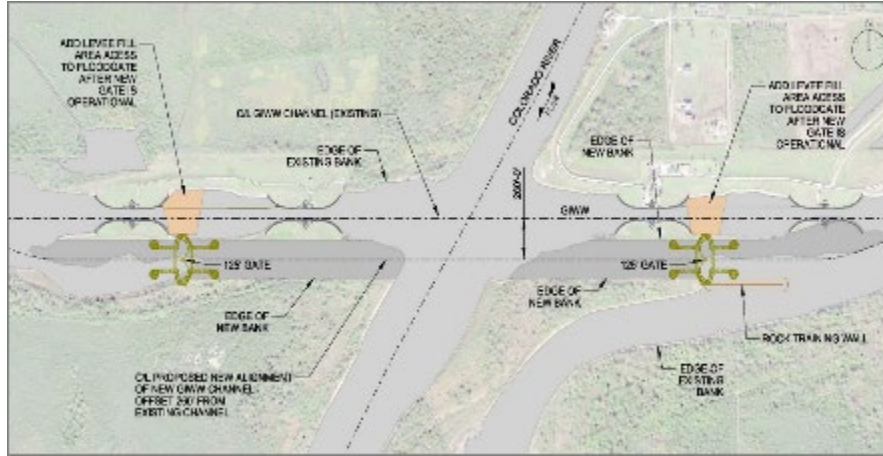
**Purpose:** Navigation

**Scope:** Construction of new facilities and better aligned and wider navigation channels at the Gulf Intracoastal Waterway Brazos River and Colorado River crossings.





# 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
- \$210M (construction cost estimate)

## 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
- \$132M (construction cost estimate)



# SCHEDULE - WORK



## Brazos River Flood Gates

**FY21:** Funds were used to execute a Project Management Plan, execute a contract with an AE for development of Plans and Specs and provide oversight of the AE contract, and to initiate building design.

**FY22:** Funds included in the FY 2022 President’s Budget will be used to continue toward completion of the Design and first set of plans and specifications on the Brazos River Floodgates element (\$6,682,000).



## Colorado River Locks





# COST/FUNDING OVERVIEW



## 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



- Approval of Real Estate Letter Report of NLT March 2022
- Completion of Real Estate acquisition for Brazos River at low cost to avoid major cost impacts to project



# THANK YOU



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