



US Army Corps
of Engineers®

Prepared by:
SWG District

Gulf Intracoastal Waterway Beneficial Use of Dredge Material, CAP 204 Aransas County, TX Design and Implementation Review Plan

REVIEWED BY:

Robert C Thomas

Rob Thomas, P.E., BC.CE, BC.NE
Chief of Engineering and Construction Division
CESWG-EC

APPROVED BY:

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DAVID W. DAKE
COL, EN
Commanding

FINAL REVIEW PLAN: Gulf Intracoastal Waterway BUDM CAP 204

ATTACHMENT 1: CAP REVIEW COORDINATION SHEETS

Project Information Sheet

October 2025

Project Name: Gulf Intracoastal Waterway Beneficial Use of Dredge Material, TX

CAP Authority: Section 204

P2 Number: 455266

District: Galveston District

District Contact: [REDACTED]

RMO: Galveston District

RMO Contact: [REDACTED]

Location: Aransas County, TX, GIWW

Authority: Section 204 of the Water Resources Development Act (WRDA) of 1992: Regional Sediment Management Beneficial Use (BU)

Sponsor: State of Texas, Aransas County

Project Area: Goose Island State Park is at the end of Lamar Peninsula, north of Rockport, Texas between St. Charles and Aransas Bays. The proposed project area is within the boundaries of the state park, which is currently composed of two semi-contained cells with primarily open water and small, scattered islands of salt marsh. (Figure 1).

Problem Statement: Critical coastal habitat has been degraded, converted, or lost along the GIWW as a result of eroding shorelines, altered hydrologic regimes, and altered sediment transport, due in part, to activity of the navigation channel. These stressors put coastal habitats at risk of degrading by either converting from brackish to saline marshes or from saline marshes to open water due to erosion and saltwater intrusion. As such, it is reasonable to use Operations and Maintenance (O&M) material, if deemed of environmental quality, to replace and restore these habitats along the channel. To accommodate geotechnical investigation needs, this CAP project is divided into two phases. In the first phase, existing cells 1 and 2 will be filled with O&M dredge materials of FY26 while raising the perimeter dikes by 1 ft as proposed. In Phase 2 remaining two cells (Cell 3 and 4) will be constructed. Along the Gulf Intracoastal Waterway (GIWW), salt marshes are one of the prominent coastal habitats facing temporal and spatial degradation.

Federal Interest: The Federal Interest Determination (FID) was approved by the Southwestern Division Commander on September 3rd, 2021, indicating federal interest for the beneficial use of dredged materials (BUDM) from the Gulf Intracoastal Waterway (GIWW) Operations and Maintenance (O&M) work. Division MSC approval of the recommended plan was granted on September 16, 2024, by SWD Deputy Commander General George H. Walter (memorandum subject line: *Final Report for Gulf Intracoastal Waterway, Beneficial Use of Dredged Material, Continuing Authorities Program (CAP) Section 204, Aquatic Ecosystem Restoration, Detailed Project Report and Environmental Assessment*). The estimated cost

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for design and implementation of the recommended project plan is similarly provided within the memorandum, as follows:

"The incremental cost of the beneficial use project above the base plan for the dredged material is \$6,943,000 which is shared 65 percent federal and 35 percent non-federal."



Figure 1 – Project Area

Risk Identification:

- Beneficial Use (BU) placement is dependent upon dredging, which is generally budgeted once a Placement Area (PA) is provided.
- District practices and periodic Operations and Maintenance (O&M) of navigation channels is constrained by available O&M funding, and appetite for variation from past practice O&M contracting mechanisms can be limited.

IEPR Determination: According to sections 6.4 through 6.6 of Engineering Regulation (ER) 1165-2-217, an Independent External Peer Review (IEPR) may be necessary if one of the three following conditions apply, per WRDA 2007 Sec 2034:

- (1) When the estimated total cost of the project, including mitigation costs, is greater than \$200 million.
- (2) When the Governor of an affected State requests a peer review by independent experts.

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(3) When the Chief of Engineers determines the project study is controversial due to significant public dispute over the size, nature, or effects of the project or the economic or environmental costs or benefits of the project.

Based on evaluation of the above criteria, the conditions that would require a mandatory IEPR are not met.

SAR Determination: A Safety Assurance Review (SAR) is the most independent level of review applicable to implementation documents. It is relevant to all United States Army Corps of Engineers (USACE) projects where potential hazards pose a significant threat to human life. According to section 7.4 of ER 1165-2-217, the District Chief of Engineering, as the Engineer-In-Responsible-Charge, will consider life safety implications to make a risk-informed decision whether the project would benefit from a SAR. Given that the proposed project does not pose a significant threat to human life at any time during construction or operation, no substantial life safety concerns are evident.

Table 1: Milestone Schedule			
Feasibility	Scheduled Date	Actual Date	Complete
Federal Interest Determination		03-Sept-21	Yes
Tentatively Selected Plan	19-Sept-22	01-Nov-22	Yes
DQC Draft Plan	19-Oct-22	17-Jan-23	Yes
Legal Review of Draft Plan	19-Oct-22	15-Dec-22	Yes
Release of Draft Plan to Public	02-Dec-22	18-Jan-23	Yes
Final Report Transmittal	28-Apr-23	18-Apr-24	Yes
Report Approval	11-May-23	16-Sept-24	Yes
Design and Implementation (Phase 1)	Scheduled Date	Actual Date	Complete
Execute Project Partnership Agreement (PPA)		09-Apr-25	Yes
Design Documentation Report (95%)	07-Jan-26		
100% DDR & Plans and Specs	11-Feb-26		
SAR (when applicable)	N/A		
Construction Award	30-Jun-26		
Design and Implementation (Phase 2) *	Scheduled Date	Actual Date	Complete
Design Documentation Report (95%)	08-Oct-26		
100% DDR & Plans and Specs	13-Nov-26		
Construction Award	01-Apr-27		

*Receipt of the geotechnical boring data and habitat survey will determine the final project schedule for Phase II.

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Review Structure and District Quality Control (DQC) Determination: The USACE SWD Continuing Authorities Program (CAP) Programmatic Review Plan (PgRP), Version – 1.1 (Rev. 08/25/23) specifies that (1) *all decision documents must undergo District Quality Control (DQC)*, and (2) *a supervisor may grant exceptions from the DQC certification requirement based on a risk-informed decision for minor reports or for design or computations that do not involve life safety, operational adequacy, or large economic consequences* (pp. 3 & 5). This review plan is for the Design and Implementation (D&I) phase of this project; therefore, the only products that are anticipated to undergo review are implementation documents (Design Documentation Report [DDR] and Plans and Specifications [P&S]). Further, the D&I phase of this project requires synchronicity and cohesion with the schedule and implementation documents, respectively, of the O&M dredge maintenance project (FY26(Phase I) and FY27(Phase II) Matagorda to Corpus Christi w/ GIWW CAP 204 BUDM), from which BUDM will be sourced for ecosystem restoration. Project success therefore requires that mission-critical milestones, set by the concurrent O&M schedule, are met. The O&M schedule includes (1) a Red-Dot Peer Review, (2) PDT Review, (3) a DQC Review, and (4) a Biddability, Constructability, Operability, Environmental, and Sustainability (BCOES) review. Given the above considerations, it is proposed that the CAP implementation documents be incorporated into these O&M reviews in lieu of undergoing a separate DQC. Therefore, outside of scheduled O&M reviews, the CAP effort is only subjected to one additional level of review, an ATR review for each phase. The proposed review plan is intended to meet the intent of CAP Programmatic Review Plan guidance while maintaining cohesion with the O&M effort, which is considered critical to mission success. Relevant details concerning the proposed review levels and related timelines are provided in the table below.

Levels of Review for Design and Implementation Phase I				
Product(s) to undergo Review	Review Level	Start Date ¹	End Date ¹	Cost
95% Draft DDR & P&S (Phase 1)	District Quality Control (DQC)	10/17/25	11/14/25	\$20,000
95% Draft DDR and P&S (Phase 1)	Agency Technical Review	11/17/25	12/15/25	\$20,000
100% DDR and P&S (Phase 1)	Biddability, Constructability, Operability, Environmental and Sustainability Review ²	01/08/25	02/11/25	\$20,000
Notes:				
¹ Start and end dates include backcheck period				
² BCOES review is scheduled in conjunction with concurrent O&M project cohesion and to meet mission milestones.				

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Levels of Review for Design and Implementation Phase II *				
Product(s) to undergo Review	Review Level	Start Date ¹	End Date ¹	Cost
95% Draft DDR & P&S (Phase 2)	District Quality Control (DQC)	07/23/26	08/19/26	\$20,000
95% Draft DDR and P&S (Phase 2)	Agency Technical Review	08/20/26	09/17/26	\$20,000
100% DDR and P&S (Phase 2)	Biddability, Constructability, Operability, Environmental and Sustainability Review ²	10/09/26	11/13/26	\$20,000

Notes:

¹Start and end dates include backcheck period

²BCOES review is scheduled in conjunction with concurrent O&M project cohesion and to meet mission milestones.

*Receipt of the geotechnical boring data and habitat survey will determine the final project schedule for Phase II.

REVIEW TEAM ROSTERS

[illegible]

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[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
(1) The Project Delivery Team (PDT) listed above is subject to change and only features anticipated PDT members that are funded by the CAP effort (O&M PDT not listed).			

DISTRICT QUALITY CONTROL TEAM			
Name	Discipline	Office	Phone Number
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

AGENCY TECHNICAL REVIEW TEAM*			
Name	Discipline	Office	Phone Number
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

*Per SWD programmatic RP, the ATR lead can be within the MSC, but not the home district. Page 13, SEC. titled RMO

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MODELS

ANTICIPATED ENGINEERING MODELS			
Model Name and Version	Brief Description of the Model and How It Will Be Applied in the Study	Approval Status	Peer Review Anticipated
USACE RSLC Calculator	Evaluate potential future impacts on project due to sea level rise	Approved	No
Coastal Engineering Design and Analysis System: Automated Coastal Engineering System	Applied to characterize the wind driven wave climate on site	Approved	No
The Rock Manual, CIRIA, USACE Calculator	Ship Induced Wave Analysis Methodology	Approved	No

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ATTACHMENT 2: PROJECTS APPROVED UNDER PGRP

Project	Authority	Date Approved Under PgRP	District or MSC Approved

ATTACHMENT 3: ACRONYMS

ATR	Agency Technical Review
BCOES	Biddability, Constructability, Operability, Environmental and Sustainability
CAP	Continuing Authorities Program
D&I	Design and Implementation
DQC	District Quality Control
ER	Engineering Regulation
FID	Federal Interest Determination
HTRW	Hazardous, Toxic, and Radioactive Waste
IEPR	Independent External Peer Review
MSC	Major Subordinate Command
O&M	Operations & Maintenance
PDT	Project Delivery Team
PgRP	Programmatic Review Plan
PM	Project Manager
RMO	Review Management Organization
RP	Review Plan
SAR	Safety Assurance Review
SWD	Southwestern Division
USACE	U.S. Army Corps of Engineers

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