

**PRE-SOLICITATION  
FOR  
BARATARIA BASIN RIDGE AND MARSH  
CREATION PROJECT - SPANISH PASS  
INCREMENT (BA-0203)  
PLAQUEMINES PARISH, LOUISIANA**



**STATE OF LOUISIANA  
COASTAL PROTECTION AND RESTORATION  
AUTHORITY**

**NOVEMBER 26, 2019**

The BA-203 Barataria Basin Ridge and Marsh Creation - Spanish Pass Increment (Spanish Pass Project) is located in Plaquemines Parish, Louisiana beginning west of Venice, LA and extending 7.5 miles westward over degraded marsh and ridge toward Bay Jacques. The project goals are:

1. Create/nourish approximately 1,134 acres of saline marsh
2. Create 120 acres of marsh ridge

The purpose of the meeting is to outline the potential design scenarios for Spanish Pass Project and gather Contractor feedback as the team completes final design. This document will outline two potential construction methodologies to achieve desired marsh and ridge habitats. Supporting documents such as draft plan set excerpts, geotechnical information, and surface data can be found online at <http://coastal.la.gov/resources/rfps-rsiqs-contracts/bids/>.

There are two potential construction scenarios for which CPRA & Baird are soliciting feedback:

1. Construct all Marsh Creation Areas (MCAs) using hydraulically dredged sediment (sands) from the Mississippi River borrow sources without utilizing containment dikes. An 80' sand ridge will be constructed on the northern border of MCA's D2, F, and G.
2. Construct MCAs A, C and D1 using hydraulically dredged sediment from the Grand Liard Borrow Area (clays and silts), which is located in the Gulf of Mexico. MCAs A, C, and D1 are the only disposal sites where containment dikes can be constructed to adequate elevations. The other MCAs would be constructed from Mississippi River borrow sources. Sections filled with material from Grand Liard would be constructed to a higher elevation than if filled with sandy Mississippi River sediment.

Under both scenarios, the Contractor would install dredge pipe from the river to the western edge of the project as MCA B must be pumped from the river. A map of the borrow sources and marsh creation areas can be seen in Figures 1 and 2, as well as the draft plan set. A summary of scenario volumes and source material by MCA is included in Table 1.

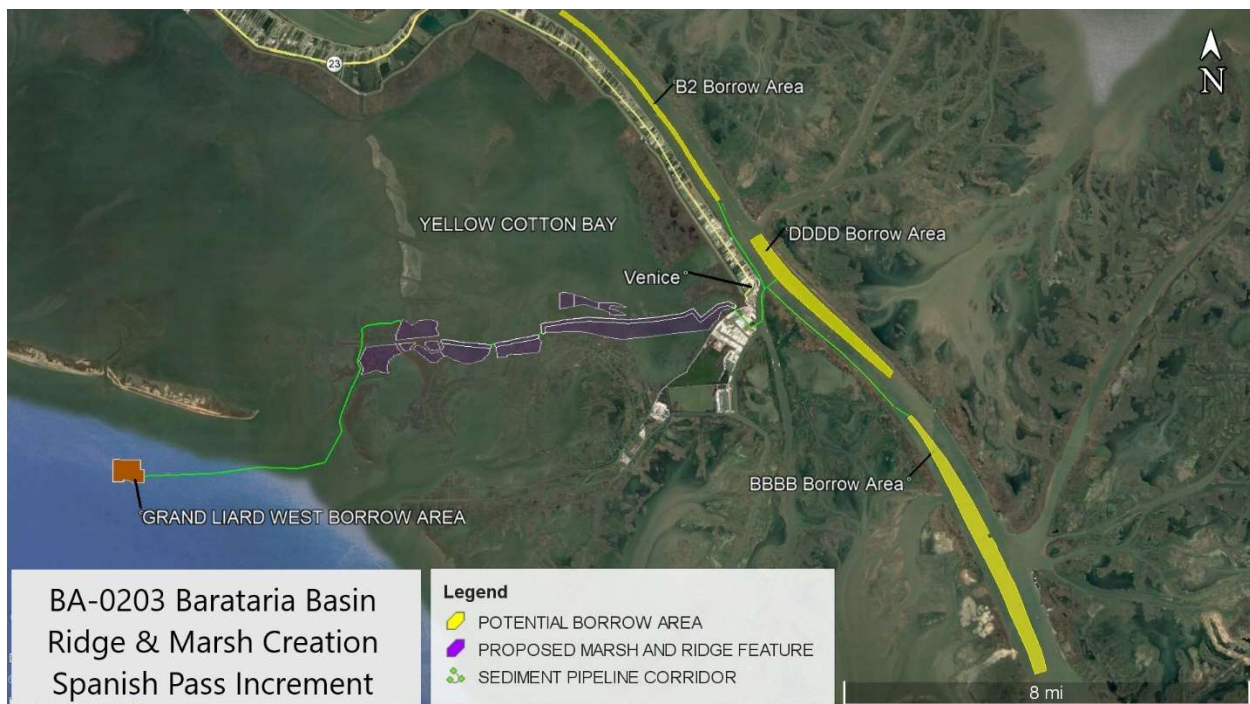


Figure 1. BA-0203 Borrow and Fill Source Overview

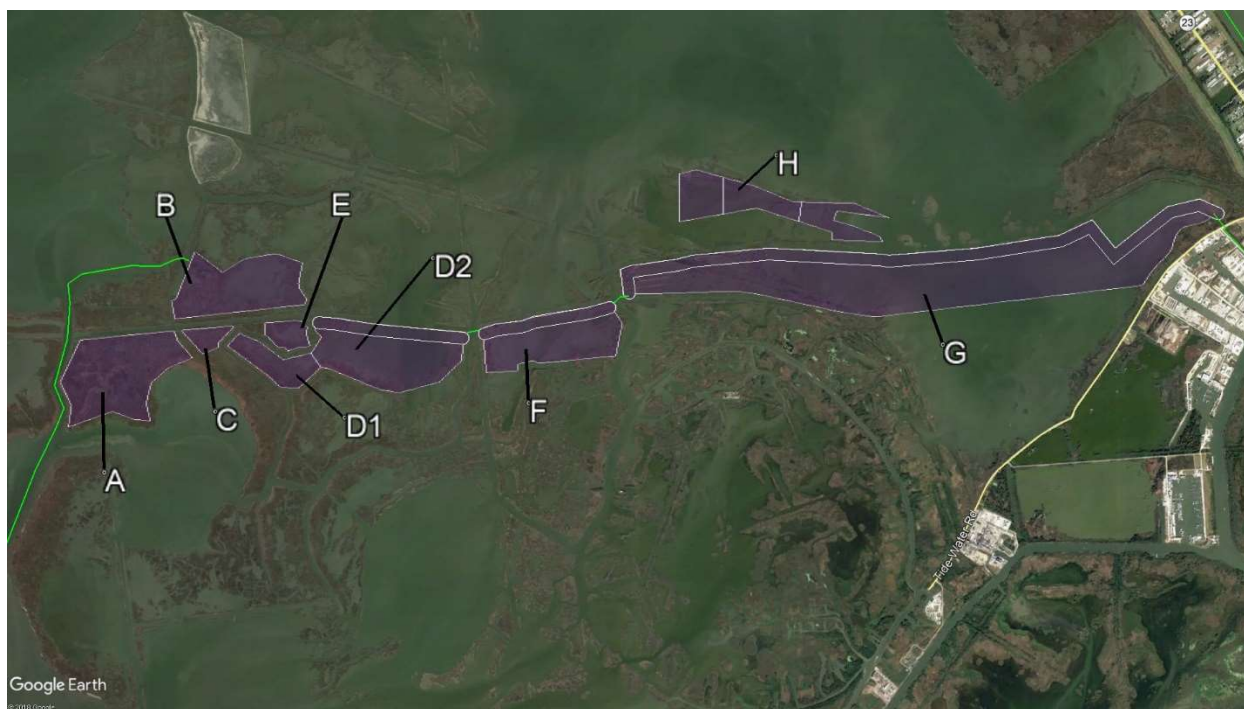


Figure 2. BA-0203 Marsh Creation Area Overview

Table 1. Summary of scenarios for consideration. (Includes additive alternates)

Scenario	Marsh Creation Area / Containment Source									Acres		Volume (C.Y.)
	A	B	C	D1	D2	E	F	G	H	Marsh	Ridge	
<b>1</b>	MR	MR	MR	MR	MR	MR	MR	MR	MR	1689	137	12,210,000
<b>3</b>	GL / in situ	MR	GL / in situ	GL / in situ	MR / MR	MR	MR	MR	MR	1668	146	13,925,000

The design team is interested in feedback regarding several specific items:

1. How do you foresee crossing the Mississippi River navigation channel with the dredge pipe if dredging Borrow Area DDDD? Based on past experience, how has this impacted navigation?
2. Given the opportunity, what is the likelihood of Contractors utilizing the Grand Liard borrow area knowing it would require containment dikes, additional fill volume, additional dredge pipe mobilization, and separate dredge mobilization?
3. Are the proposed booster pump locations adequate to meet industry needs?
4. Do you foresee any difficulty constructing the MCA's without a containment dike using the Mississippi River sediment, which has a median grain size of approximately 0.17mm and contains between 6% and 18% silt in DDDD and BBBB (average of 13% each) and between 3% and 58% silt in B2 (average of 24%)?
5. Do you see any other project specific construction constraints, limitations, or difficulties?

There is ongoing construction at the Water Campus. The most recent parking directions to the CPRA visitor lots are attached. The attached CPRA Visitor Parking Pass is required to be displayed in your vehicle while parking in a visitor lot on the Water Campus.



# VISITOR

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(Place on vehicle dash)

**NAME:** \_\_\_\_\_  
(PRINT)

**VISITING:** \_\_\_\_\_  
(CPRA CONTACT)

**NAME OF MTG:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Visitor Parking is located on the corner of  
Oklahoma St. and Gila Street  
(Physical address: 1364 Nicholson Dr.)

**CPRA VISITOR ENTRANCE IS ON  
TERRACE AVE.**

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CPRA is not responsible for lost or stolen items

**CPRA - 225-342-7308**



# Coastal Protection and Restoration Authority

## VISITOR PARKING MAP

