

# **Louisiana Grand Project 3**

## **Barataria Land Bridge Dedicated Dredging**

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Louisiana Department of  
Coastal Protection and Restoration

**7 January 2009**

# **Barataria Land Bridge Dedicated Dredging Project Goals:**

- 1. Marsh Creation & Nourishment  
in a 752-acre area.**

# **Barataria Land Bridge Problems in the Project Area**

- Shoreline erosion and subsidence/  
ponding primary causes of loss
- Subsidence taking its toll on *Spartina  
patens*-dominated community
- Highly fragmented areas; pedestalled  
plants; much of the marsh below MLW



## Barataria Basin Landbridge Shoreline Protection (BA-36)

 Project Boundaries



Image Source:  
2005 DOQQ Aerial Photography

Map Date: October 10, 2006

# BA-36 Project Background

- Nominated by Jefferson Parish as CWPPRA PPL11 nominee  
March 2001
- Selected by Technical Committee as CWPPRA PPL11 Candidate  
May 2001
- Approved for Phase 1 funding by CWPPRA Task Force  
January 2002 meeting
- Approved for Phase 2 funding by CWPPRA Task Force  
15 February 2007 meeting

# CIAP Plan Timeline

- Governor submitted final plan to DOI Secretary and Minerals Management Service (MMS)  
**1 June 2007 (1<sup>st</sup> CIAP plan in nation)**
- State began implementing several restoration projects included in plan, using state funds  
**June 2007**
- MMS determined plan to be “complete”; initiated approval review  
**30 July 2007 (1<sup>st</sup> CIAP plan in nation)**
- MMS approval of Louisiana CIAP plan  
**29 November 2007 (1<sup>st</sup> CIAP plan in nation)**

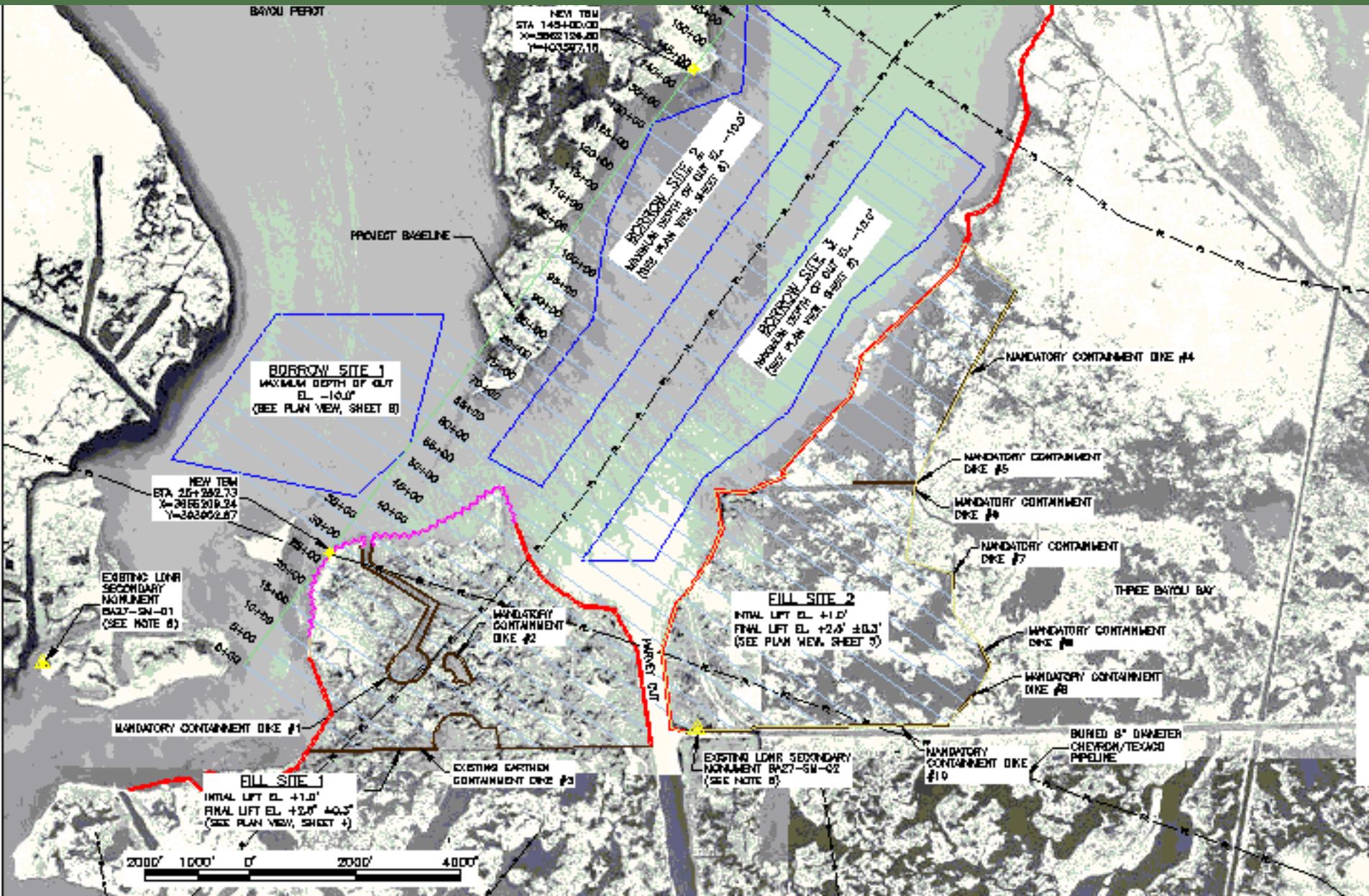
# Barataria Landbridge Project Budget Timeline

- Louisiana submits CIAP grant for application  
**December 2007**
- Louisiana CIAP grant executed  
**5 June 2008**

# Barataria Landbridge Project Construction Timeline

- Project pre-bid meeting  
**June 2008**
- Project bid opening  
**10 July 2008**
- Notice to proceed  
**11 September 2008**
- Construction contractor on-site  
**30 September 2008**
- Anticipated construction completion  
**25 January 2010**

# PLAN VIEW



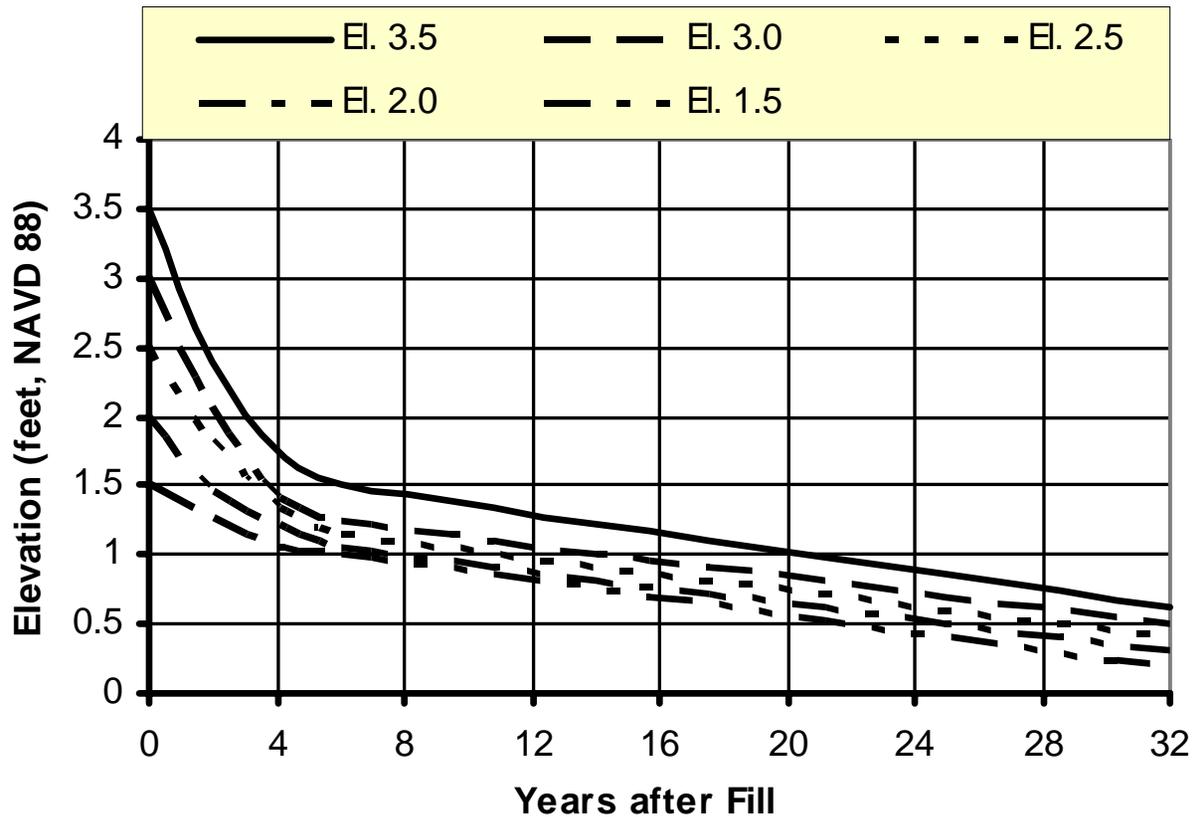


## Dedicated Dredging on the Barataria Landbridge

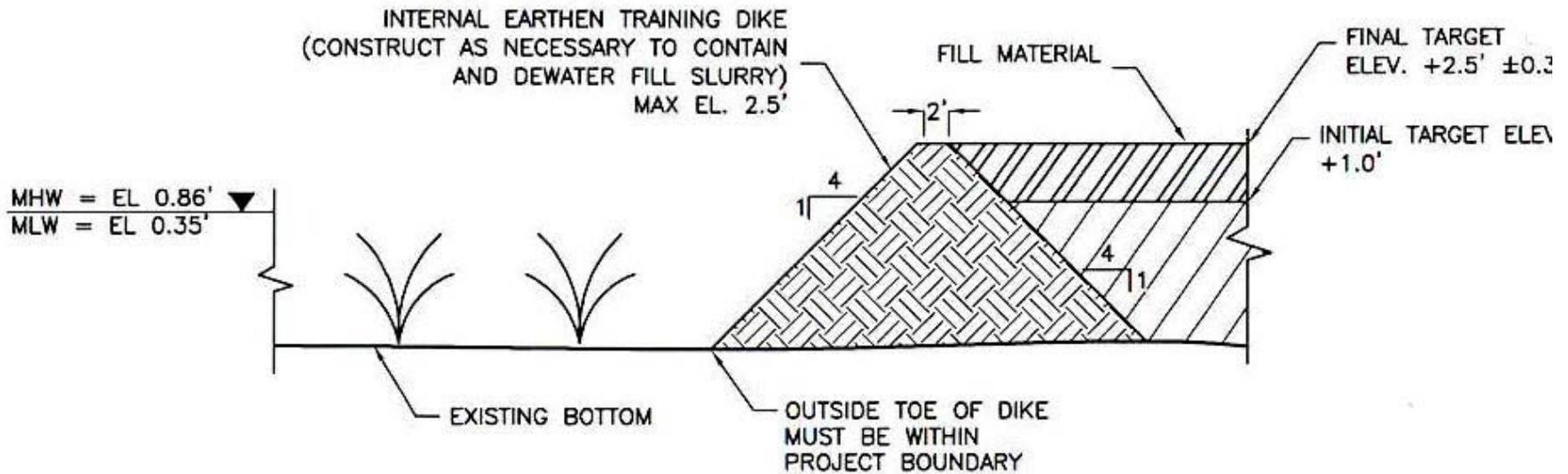


# TIME-RATE SETTLEMENT

## Fill Placed at Various Elevations



# Typical Detail of Marsh Fill & Containment





**Dedicated Dredging on the  
Barataria Landbridge (BA-36EB)  
Under Construction**

11/06/2008

11-6-08

BA-36

WATER  
LEVEL

MORNING

1.4

11/06/2008

Expo

11-6-08

BA-36

STA. 145+00

NORTH DIKE

FIRST PASS

11/06/2008



11/06/2008



11/06/2008

# Barataria Land Bridge Dedicated Dredging Project Milestone Timeline

- Plans, Specifications and Cost Estimate  
**Updated December 2007 from work completed as part of Phase I CWPPRA project)**
- Landrights Agreements  
**Completed as part of Phase I CWPPRA project**
- Cultural Resources Investigation & Subsequent Agreements  
**Completed as part of Phase I CWPPRA project**
- Permits  
**Completed as part of Phase I CWPPRA project**

# Louisiana CIAP Projects In Construction Bid Process

- **Rockefeller Refuge Gulf Shoreline Stabilization Project (ME-18EB) {Cameron Parish}**
  - **Pre-Bid Meeting – 7 January 2009 Lafayette F.O.**
  - **Bid Opening – 22 January 2009**
- **East Grand Terre Island Restoration (BA-30EB) {Plaquemines Parish}**
  - **Pre-Bid Meeting – 11 February 2009, Thibodaux F.O.**
  - **Bid Opening – 5 March 2009**
- **Grand Lake Shoreline Protection (BA-30EB) {Cameron Parish}**
  - **Anticipate Advertising for this project for construction January 2009**

