



Greater New Orleans Hurricane and Storm Damage Risk Reduction System

Westbank and Vicinity

Gulf Intracoastal Waterway West Closure Complex

Pre-Proposal Conference

Solicitation No. W912P809R0004



Major Timothy Kurgan

Chief, Public Affairs
USACE-New Orleans



Pre-Proposal Conference Agenda

- I. Welcome – Major Tim Kurgan
- II. Project Overview & Status – Tim Connell
- III. Acquisition Status – Cindy Nicholas
- IV. Discussion
- V. Closing remarks – Major Tim Kurgan



Intent of Pre-Proposal Conference

- Receive input from prospective bidders regarding the solicitation package issued on 9 Jan 09. (***Solicitation No. W912P809R0004***)
- Clarify issues about the current solicitation.
- Incorporate input for solicitation amendment.



Project Overview & Status

Tim Connell

Project Manager, GIWW-WCC
West Bank and Vicinity
Protection and Restoration Office



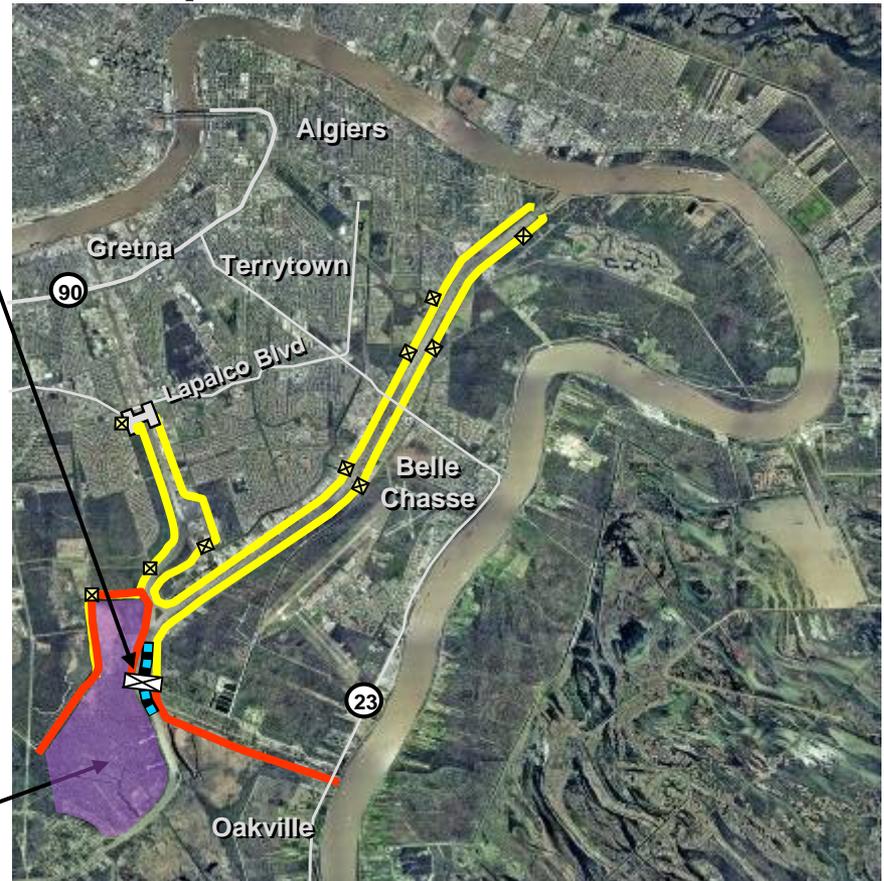
Proposed Action (IER 12)

Floodgates and Pump Station on GIWW

West Closure Complex

Floodgates and pump station in the GIWW below the confluence of the Algiers and Harvey Canals.

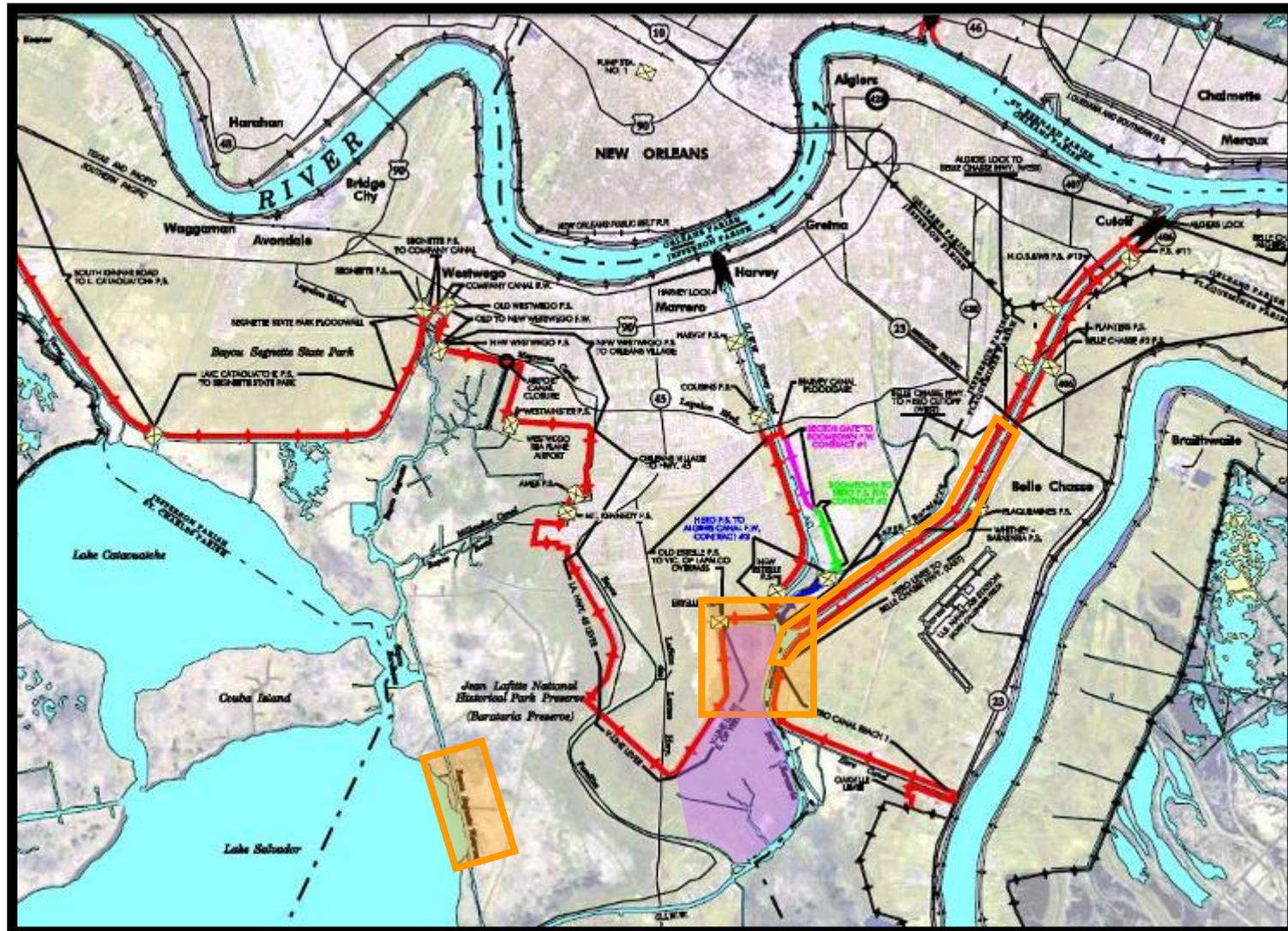
- Lapalco Floodgate and Cousins PS Discharge Channel Walls at previously authorized level of protection
- Proposed Floodgates and pump station
- GIWW permanent bypass channel
- Levees and Floodwalls to the previously authorized level of protection or greater
- Levees and Floodwalls
- Pump Stations



Bayou Aux Carpes 404 (c) site



West Bank and Vicinity Hurricane Protection Project





Project Description

The project team's recommended plan consists of a closure complex in the Gulf Intracoastal Waterway below the confluence of the Harvey and Algiers canals.

- 20,000 cfs Pumping Station
- 225-ft Navigable Sector Gate*
- 110-ft Navigable Sector Gate*
- Bayou aux Carpes 404(c) Floodwall
- Levee and Tie-Ins
- Dredging of Algiers Canal

*Dimensions based on best available information.



Project Absolutes

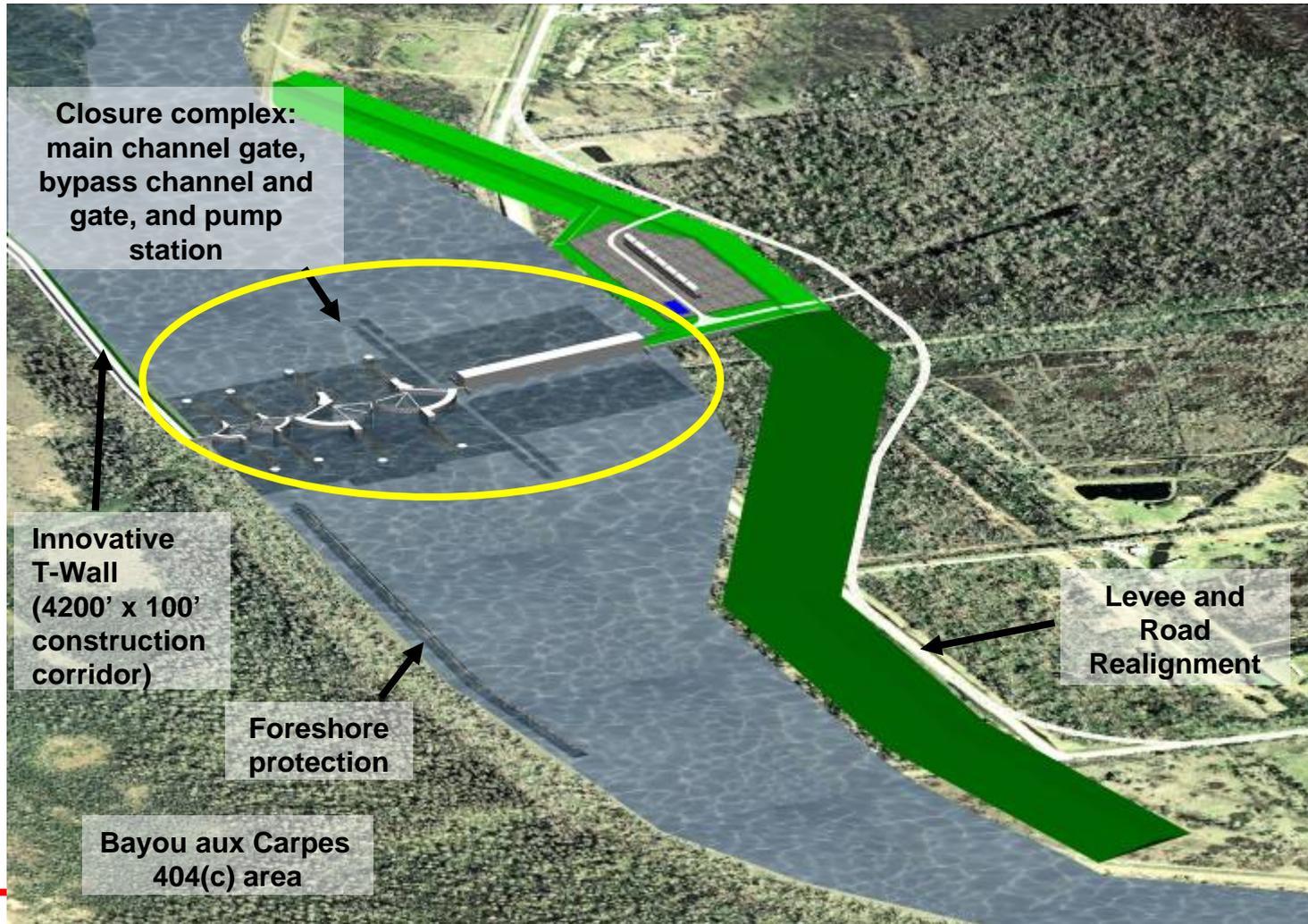
- Surge barrier in place by June 2011
- Navigation channel must remain open
- Absolutely no additional impacts to the Bayou aux Carpes 404(c)



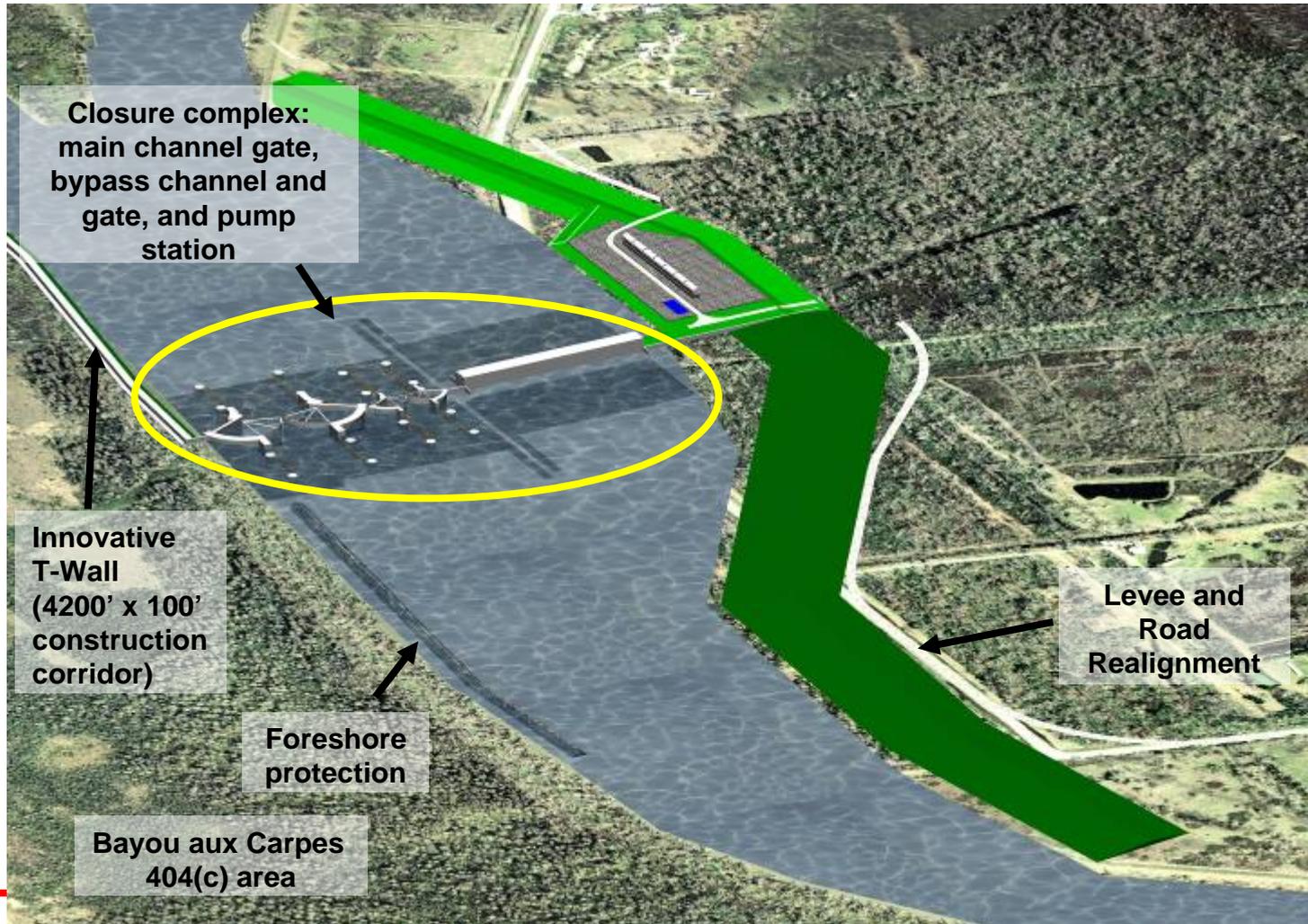
Conceptual Image West Closure Complex



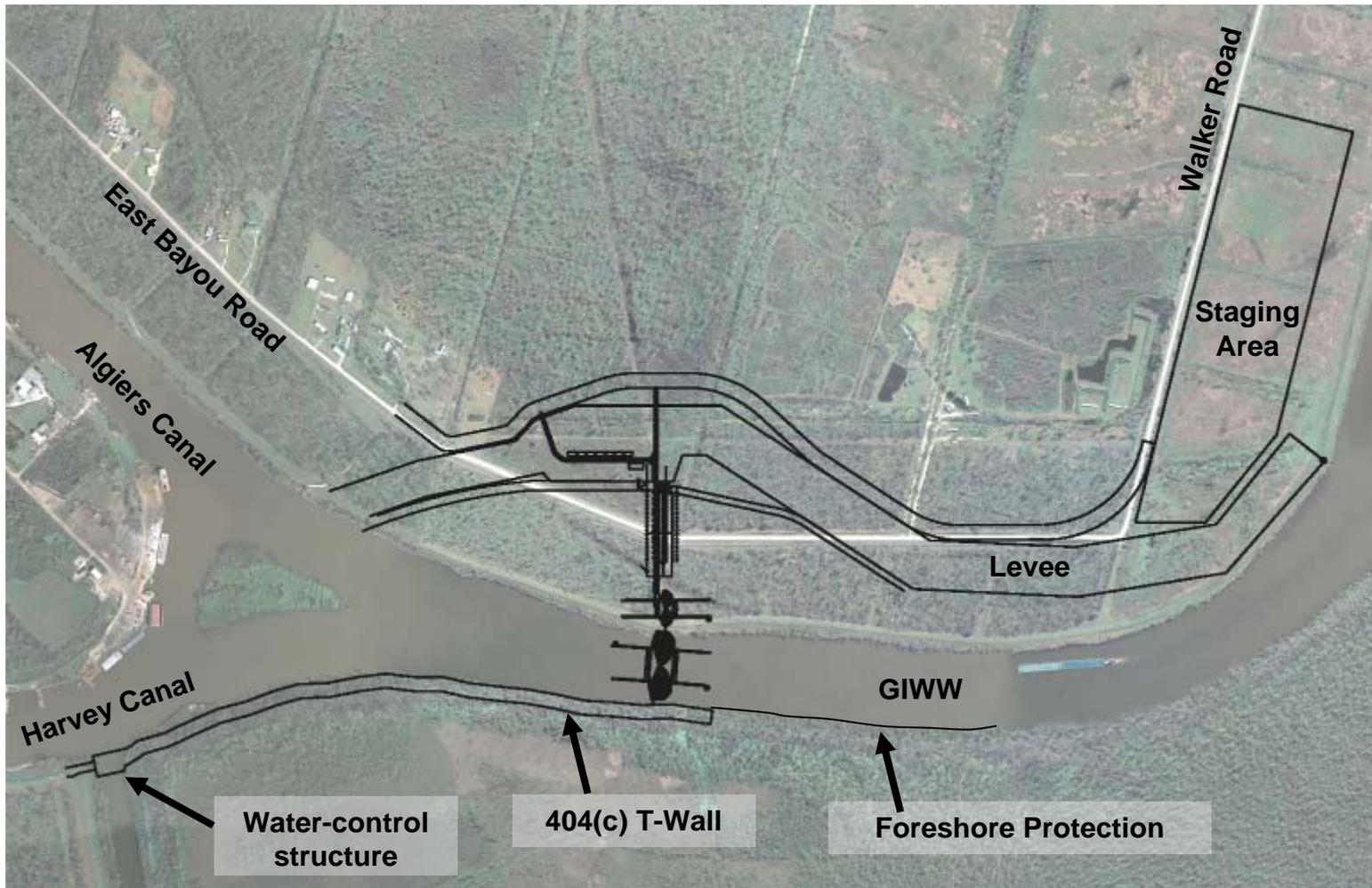
Conceptual Image Close up of West Closure Complex (Main Gate East)



Conceptual Image Close up of West Closure Complex (Main Gate West)



Current Project Footprint



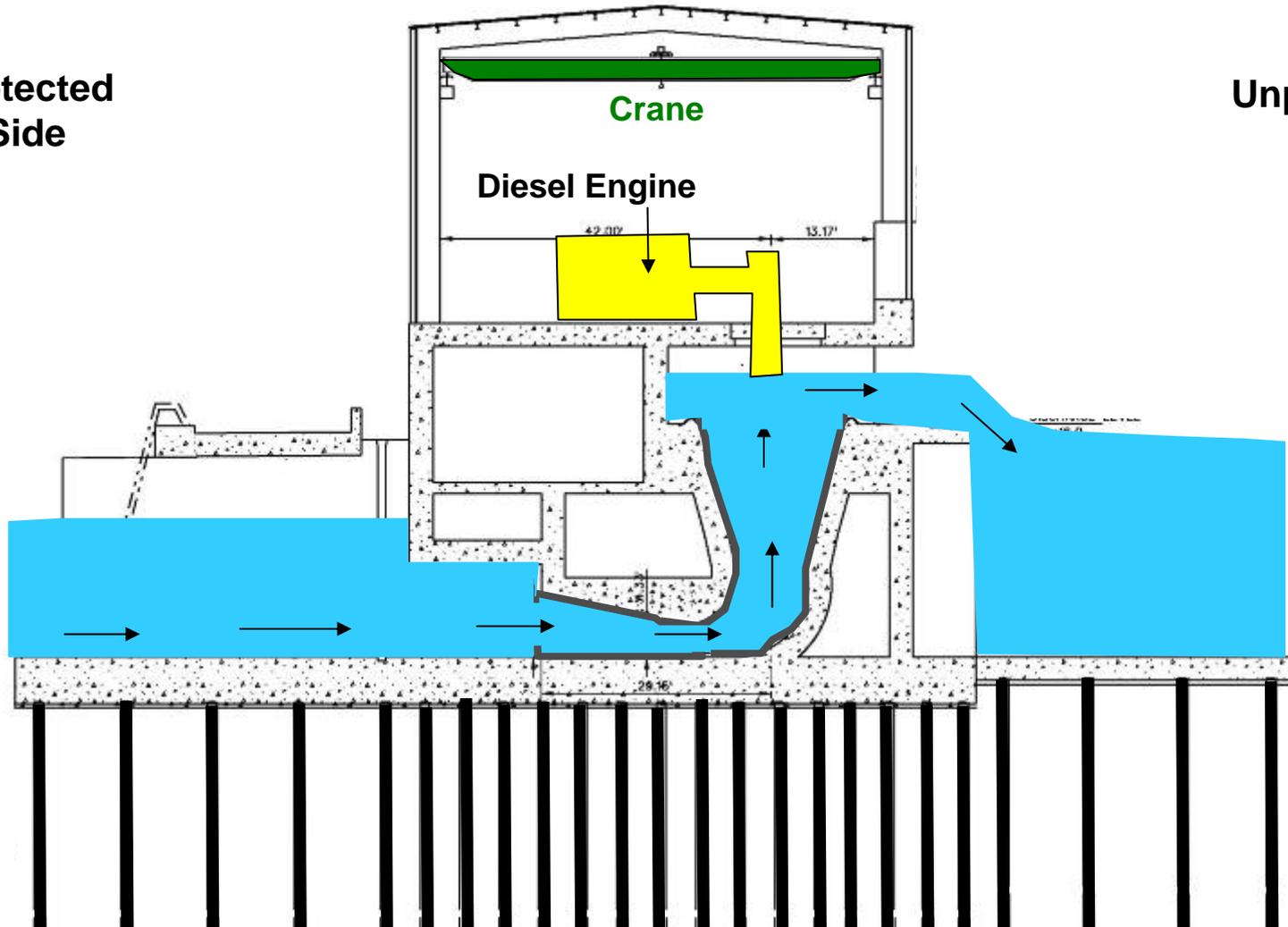


Flower Pot Pump

13 – 1540 cfs Pumps

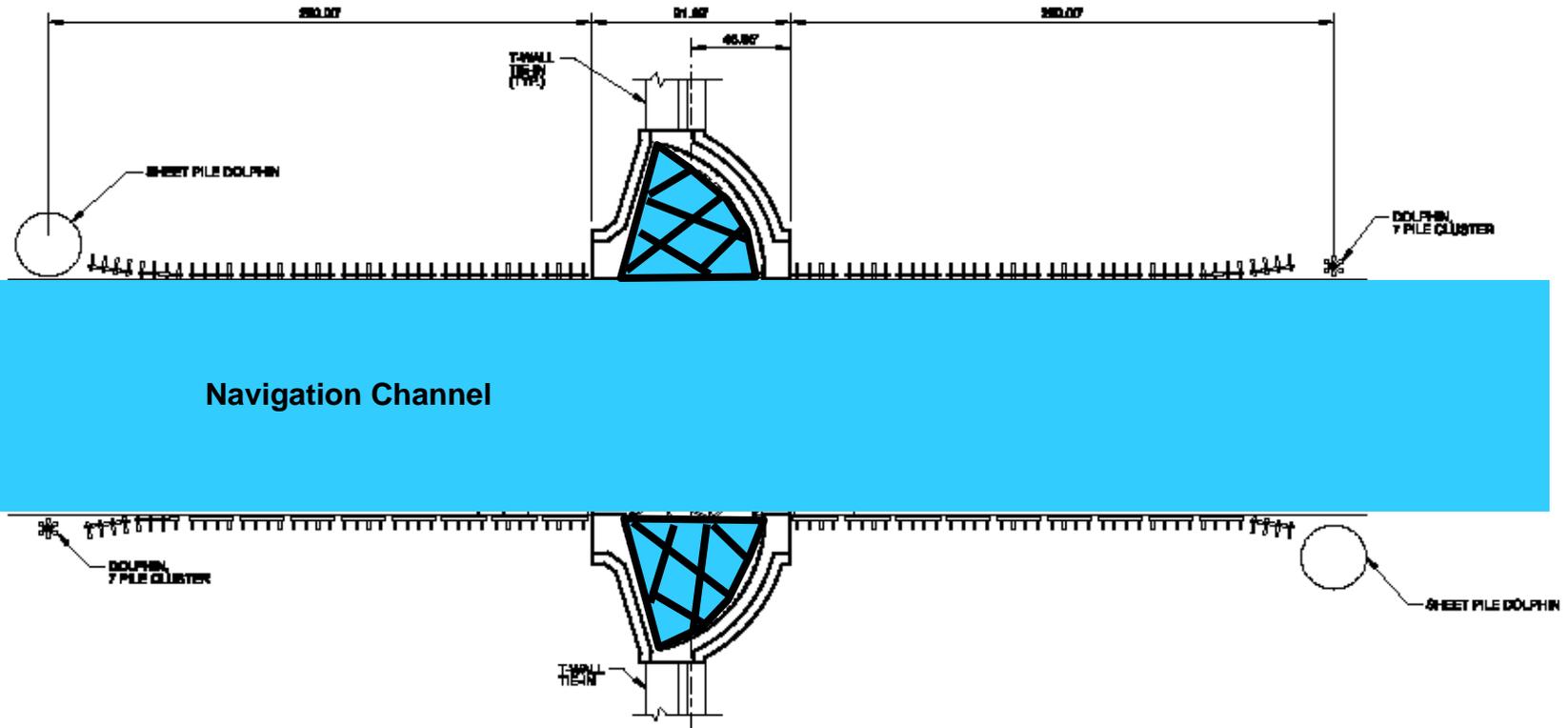
Protected Side

Unprotected Side



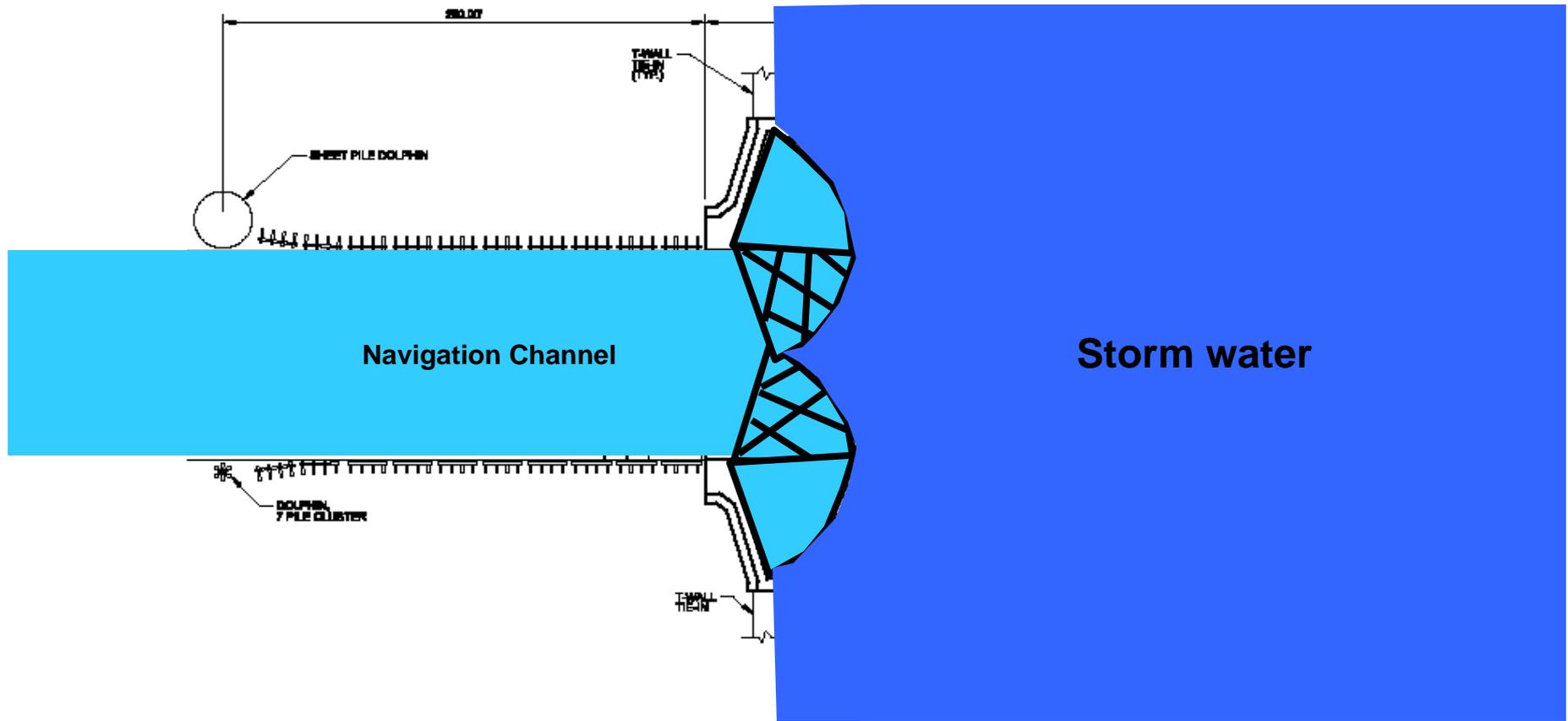
Typical Sector Gate (open)

225-ft & 110-ft



Typical Sector Gate (closed)

225-ft & 110-ft





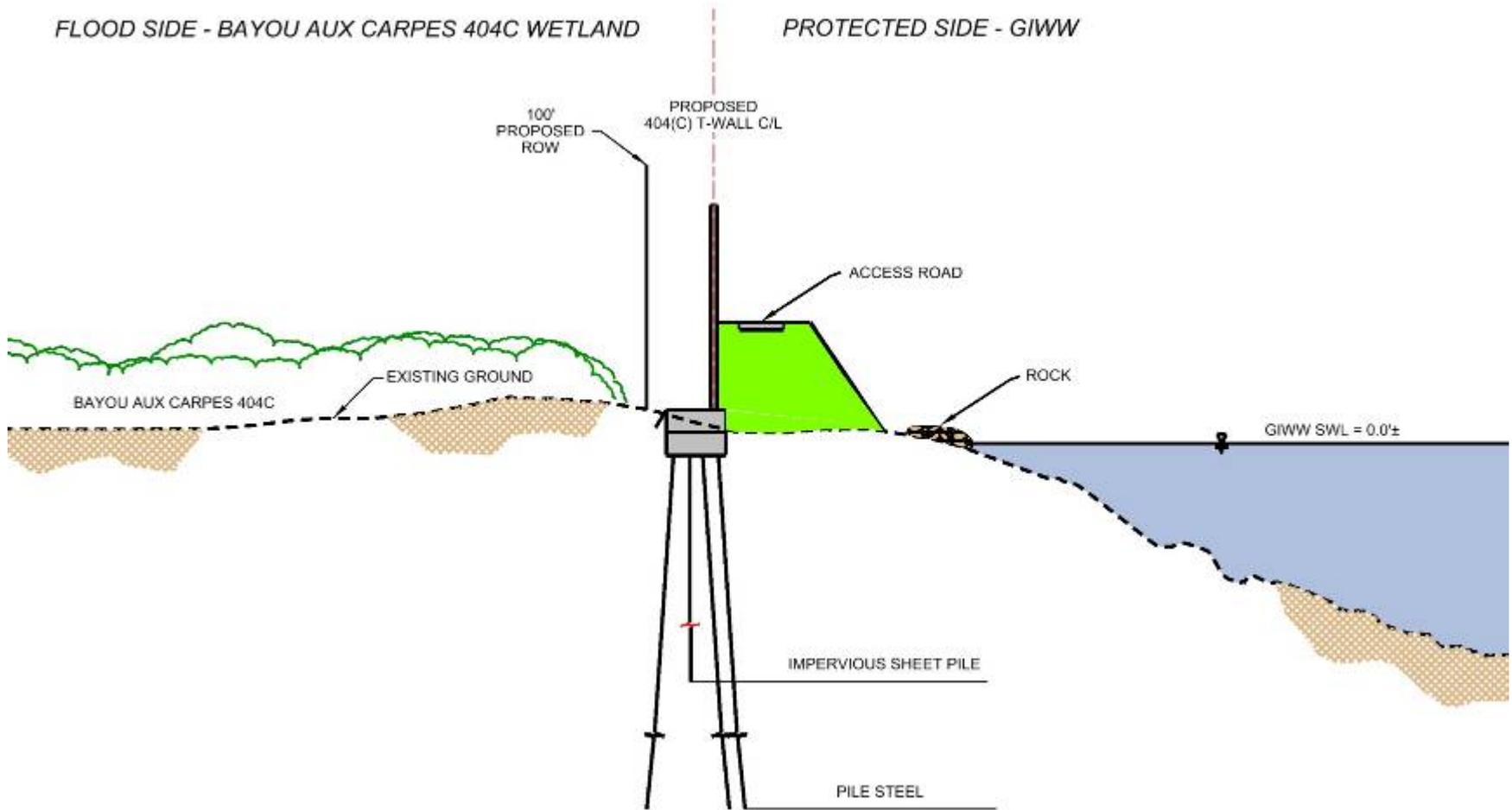
Bayou Aux Carpes 404(c) area

- A nationally-significant wetland specially designated by the Environmental Protection Agency
- 1 of only 12 sites similarly designated throughout the country
- Designation prohibits the Corps from issuing any 404b permits that would impact the area in any way
- Adjacent to the Jean Lafitte National Park and in the vicinity of where the surge barrier will likely be placed
- May not be used as a staging area





Bayou aux Carpes 404(c) Floodwall

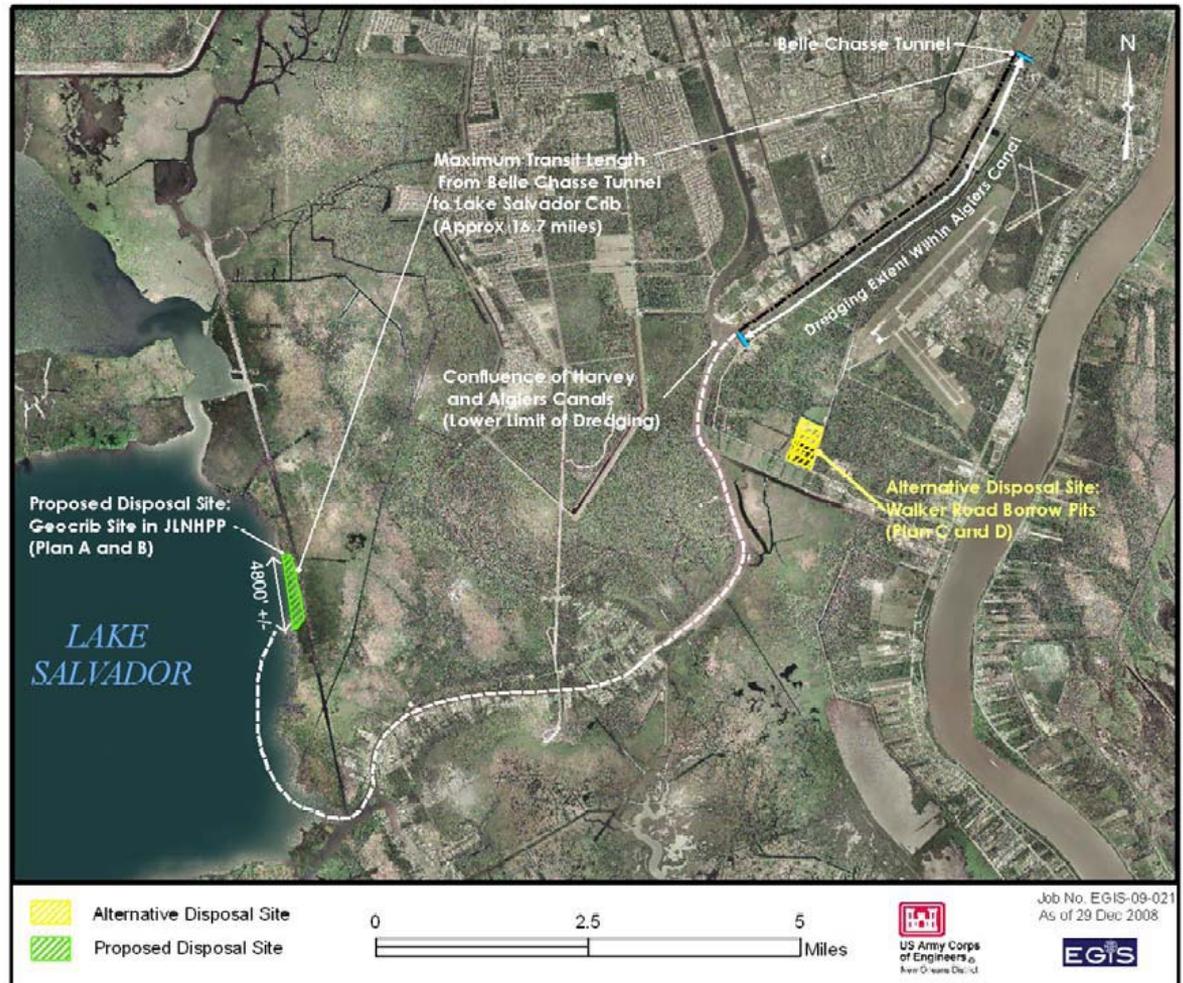


Not to Scale

Beneficial Use

Algiers Canal Dredging Extent and Beneficial Use Areas

- Preferred alternative is to place dredged material in Lake Salvador “Geocrib”
- Placement of non-usable excavated material in Walker Road borrow site





Tentative Project Timeline

- IER 12 was released for public review on Jan. 5, 2009
- A joint public hearing, coordinated with the Environmental Protection Agency, will be held on Feb. 11, 2009 at 6 p.m. at the New Orleans District office
- Decision Record could be signed by Colonel Lee at the end of Feb. 2009 if no substantive comments are received during the comment period
- Proposals due: Mar. 9, 2009
- Contract award o/a: Apr. 10, 2009
- Construction would begin in late Spring 2009



Acquisition Status

Cindy Nicholas

Chief, East Branch

Contracting Division

USACE-New Orleans



Why WCC is a fit for Early Contractor Involvement (ECI)

- WCC is a complex project
- Capability to Fast Track
- Contractor input during design provides schedule and cost control
- Major subcontractor input from Gov't
- Incentives to promote schedule & cost control



Contract Process

- RFP will provide
 - SOW for preconstruction services and pile load testing (Base)
 - Current engineering plans, with typical sections, provided for preparation of initial target and ceiling pricing for construction option
 - Evaluation criteria, based on best value tradeoffs, including price in accordance with FAR Part 15
- Will be a negotiated procurement
 - Award of preconstruction services (Base) as a Firm Fixed Price (FFP)
 - Exercise of Construction (Option) as a Firm Fixed Price with Incentives (FFPI)



Contract Schedule

- An example of ECI Solicitation Line Items are shown below. This is remitted with the proposal.
- Additional line items may be added for long lead items, if required.

<i>ITEM NO</i>	<i>SUPPLIES/SERVICES</i>	<i>QUANTITY</i>	<i>UNIT</i>	<i>UNIT PRICE</i>	<i>AMOUNT</i>
0001 BASE	Preconstruction Services FFP	1	Lump Sum	\$ _____	\$ _____
0002 BASE	Pile load test	1	Lump Sum	\$ _____	\$ _____
0003 OPTION	Construction Phase FPI Initial Target Cost Initial Target Profit	1	Lump Sum	\$ _____ \$ _____	Ceiling \$ _____ Ceiling \$ _____



Contract Process cont'd

- Proposals are due on Mar. 9, 2009
- Source Selection Evaluation Board (SSEB) convenes and rates proposals in accordance with factors in solicitation
- Strengths and weaknesses identified
- Competitive Range is set by board
- Contractors prepare revised proposal
- Oral presentations conducted
- Source Selection Authority (SSA) selects contractor for award based on the Source Selection Organization recommendations & his own comparison of all proposals



Evaluation Factors

- Technical approach to include key personnel for both base & option
- Past performance on pre-construction services & construction of complex projects
- Project Management Plan
- Familiarity with local conditions
- Small Business Contracting Plan
- Price



FAR Clause 52.216-17

Fixed price incentive successive target contract (FAR Part 16.403-2 and Clause 52.216-17)

(b) Application. A fixed price incentive (successive targets) contract is appropriate when –

(1) Available cost or pricing information is not sufficient to permit the negotiation of a realistic firm target cost and profit before award;

(2) Sufficient information is available to permit negotiation of initial targets; and

(3) There is reasonable assurance that...information will be available...to permit negotiation of either (i) a firm fixed price or (ii) firm targets and a formula for establishing final profit and price that will provide a fair and reasonable incentive.



Example of Profit Adjustment Formula

Scenario:		Example	
Paragraph (d)(3) blanks are negotiated at the Midway Target Pricing with the following values: Increase/Decrease Profit by 5%, Range of FTP is 2% - 6%			
Initial Trgt Cost (ITC):	\$17,000,000	Firm Trgt Cost (FTC) :	\$16,000,000
Initial Trgt Profit (ITP):	\$800,000	Firm Trgt Profit (FTP): *	\$850,000
Initial Trgt Price:	\$18,140,000	Firm Trgt Price:	\$17,170,000
Ceiling Price: +	\$18,300,000	Ceiling Price:	** \$18,300,000
+ The ceiling price was inserted in the solicitation [paragraph (a), blank no. 2] as \$18,300,000.		* The Firm Target Profit is calculated based on the following: FTP = ITP – (5%)[FTC-ITC] - or - FTP = 800,000 – (5%)[\$16M-\$17M] = \$850,000.	
		** Under this scenario, the project scope did not change between the Initial target pricing and the Final Pricing. Therefore, no change to the ceiling price was warranted and the FTC is lower than the ITC and the Contractor’s profit increased.	



Bid Packages

- Will be developed as a team and as the design becomes 95 – 100% that will include such items as:
 - Site work
 - Pump procurement
 - Dredging
 - Pump Platforms
 - Gated Structures
 - Levee construction and road relocation
 - Floodwall construction
 - Excavation and cofferdams
 - Pile foundations



Earned Value Management System

- Requirement under DFARS for incentive type contracts >\$20 MIL
- Defense Contract Audit Agency (DCAA) will validate the Contractor's system once award is made – could take up to 6 months after award of the base contract
- It's a Program Management Tool that integrates technical, cost, and schedule parameters of a contract



Earned Value Management System cont'd

- EVM ensures the PM is provided contractor performance data to include:
 - Time-phased budgets to specific SOW
 - Objectively measures work progress
 - Relates cost, schedule & technical milestones
 - Allows for informed decision making/corrective action
 - Is valid, timely and able to be audited
 - Allows for statistical estimation of future costs
 - Supplies managers at all levels with status information



Review of Submitted Questions

Official responses to the questions submitted will be posted to the Pre-Proposal website for this contract:

http://www.mvn.usace.army.mil/EBS/cont_preproposalconference.asp



5-minute break

Panel discussion will follow



Discussion



Closing Remarks

Major Tim Kurgan



Additional Information

http://www.mvn.usace.army.mil/EBS/cont_preproposalconference.asp

US Army Corps of Engineers
Team New Orleans

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Pre-Proposal Conference - January 29, 2009 10:00 a.m. - 12:00 p.m.

CONFERENCE NOTICE

The tracking number for this announcement is W912P009R0004. The NAICS code for this proposed acquisition is 237990, Federal supply class is Y999, business size standard is \$85.0 million.

The US Army Corps of Engineers, New Orleans District, is holding a conference to discuss the solicitation for construction of the Gulf Intracoastal Waterway West Closure Complex at the New Orleans Morfitt Wetlands at Lakeside Inlet, 3858 N. Causeway Blvd, Metairie, LA 70002. [View Map, Tables](#)

Conference registration is preferred - please visit www.FedBizOps.gov

West Closure Complex



The U.S. Army Corps of Engineers, New Orleans District intends to issue a solicitation using the Early Contractor Involvement (ECI) method, also known as the Construction Workforce at Risk method for professional services and optional construction services to construct the Gulf Intracoastal Waterway West Closure Complex (GIWW WCC).

This project will be located on the west bank of the Mississippi River near New Orleans, Louisiana in the Gulf Intracoastal Waterway just west of the Agouti and Harvey canals. This project will function as a major component of the Greater New Orleans [Levee and Storm Damage Risk Reduction System \(LRDRRS\)](#).

Preliminary estimates show the project will cost more than \$500 million to design and construct a navigable floodgate or floodgate, with a total opening of between 300 and 330 ft, a 20,000 cubic feet per second pumping station containing 16 large mixed-flow vertical pumps, an earth levee, concrete T-wall and flow control structure in an environmentally sensitive location. The entire complex will be constructed without closure of the navigation channel and with an aggressive intermediate target completion date for the surge barrier of June 2011. The final construction effort shall be completed by 2013.

Watch West Closure Complex Video

Point of Contact

Please monitor this web site for any changes to this date, time or location. If you have questions regarding the conference, send email to Paulette Phillips at paulet.phillips@usace.army.mil.

US Army Corps of Engineers, New Orleans District, ATTN: CEVW-CT, P.O. Box 62267, New Orleans, LA 70163-0267

Last updated 01/22/2009

1-800-ARMY | 1-800-368-5848 | 1-800-368-5848 | 1-800-368-5848 | 1-800-368-5848 | 1-800-368-5848 | 1-800-368-5848