

Larose to Golden Meadow

Hurricane Protection Project
Post-Authorization Change Study
Supplemental Environmental
Impact Statement (SEIS)
Public Scoping Meeting

December 14, 2011
VFW Post 8538



US Army Corps of Engineers
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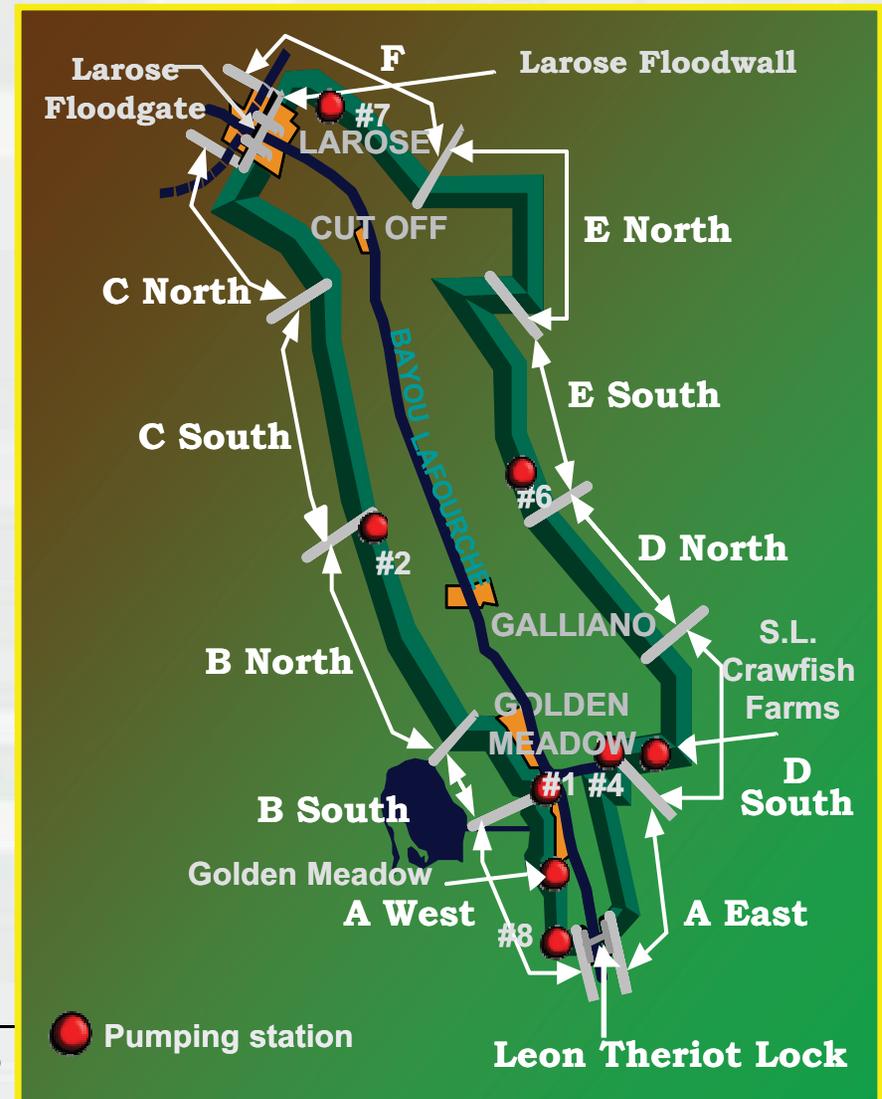
Agenda

- **Open House**
- **Welcome and Introductions**
- **Project Overview**
- **National Environmental Policy Act Compliance**
- **Public Comments**



Larose to Golden Meadow Hurricane Protection Project

- **Authorization:**
 - Flood Control Act of 1965
- **Location:**
 - 30 miles SW of New Orleans
- **Features:**
 - 2 navigable floodgates
 - 48 mile ring levee
 - 8 Pumping Stations constructed by non-Fed Sponsor
 - Leon Theriot Lock constructed by non-Federal Sponsor
- **Current Status:**
 - Earthen Levees
 - 1 to 1.5 feet below authorized elevation
 - Structures
 - 0.5 to 3.4 feet below authorized elevation



Development of Post Authorization Change Study

- **Needed when an authorized project changes scope or budget**
- **Provides Decision-Makers with information**
- **Section 7015 WRDA of 2007**
 - **Required a report to describe modifications required to provide the level of risk reduction necessary to achieve certification in accordance with the national flood insurance program.**
- **Secretary is authorized to modify the project if:**
 - 1) **The modifications are feasible.**
 - 2) **The total cost of the modifications are less than \$90M.**
- **WRDA of 2007 Report Results:**
 - **Evaluated restoring project to authorized & 100-year**
 - **Existing project not in compliance with new Hurricane and Storm Damage Risk Reduction System guidelines**
 - **Positive Benefit to Cost Ratios**
 - **Conduct Post Authorization Change Report**



PAC Study Major Milestones

Milestone

Current Schedule

Conduct Public Scoping Meeting

14 Dec-11

Selection of Proposed Alternative

Spring 2012

Release draft PAC Report and SEIS for public review **Late Winter 2012**

Chief's Report

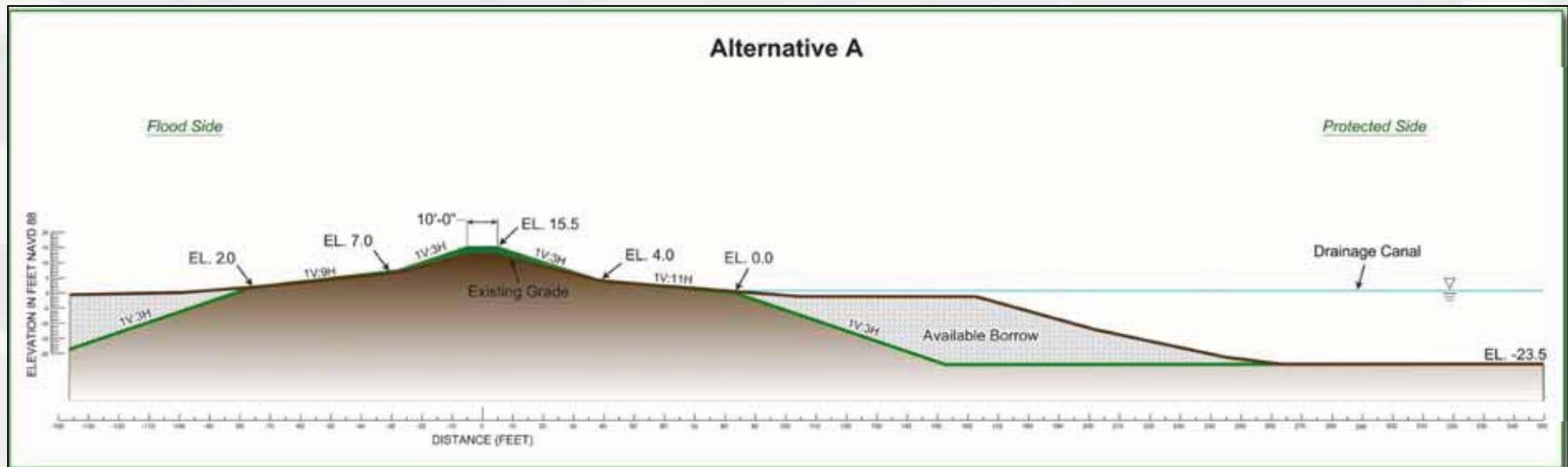
Summer 2013



Evaluated Alternatives

- **Alternative A**
 - Complete LGM without exceeding the 1965 authorized elevation using the current Hurricane and Storm Damage Reduction System (HSDRRS) excluding the Post-Hurricane Katrina H&H design guidelines.

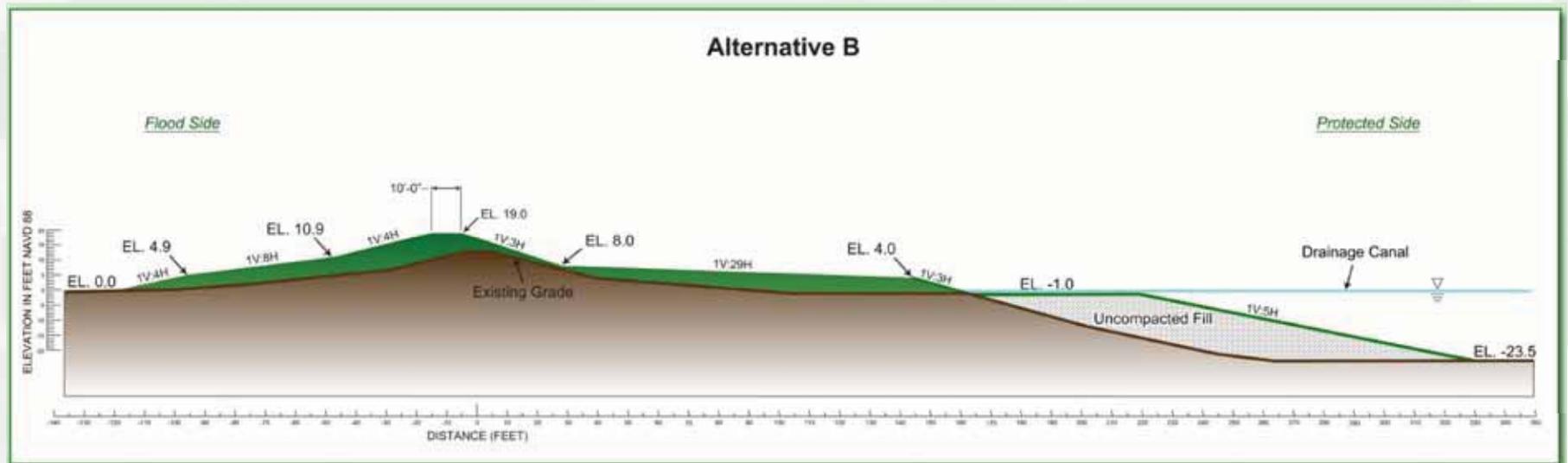
Reach A West



Evaluated Alternatives

- **Alternative B**
 - Complete LGM without exceeding the 1965 authorized elevation using the current HSDRRS Design Guideline to include the Post Hurricane Katrina surge models.

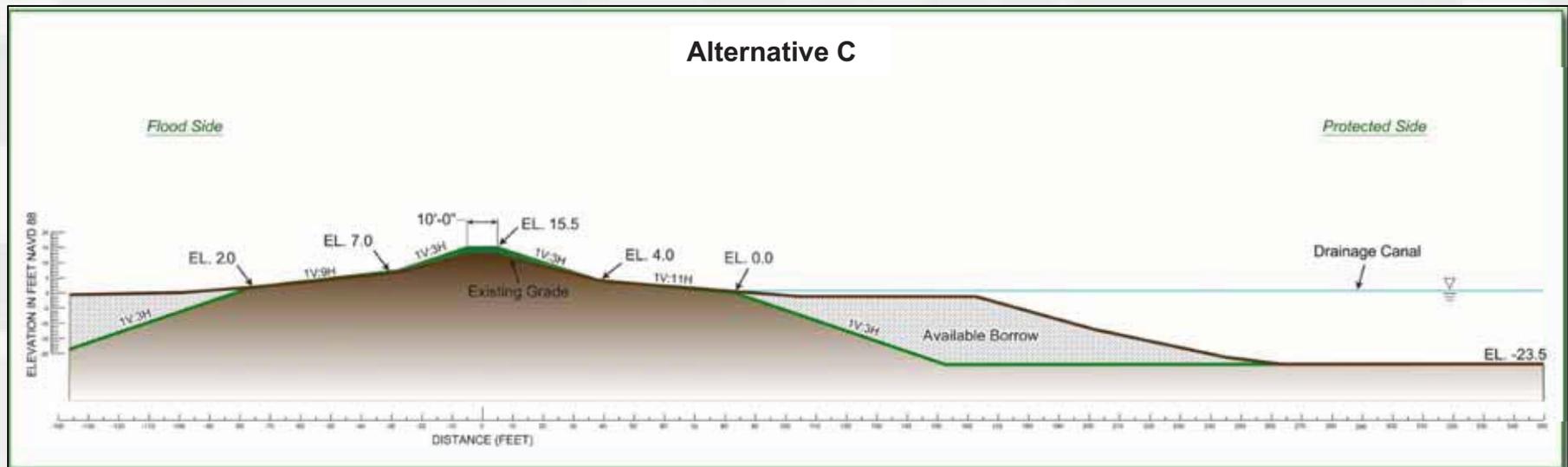
Reach A West



Evaluated Alternatives

- **Alternative C**
 - Complete LGM based on pre-Hurricane Katrina expressed remaining work.

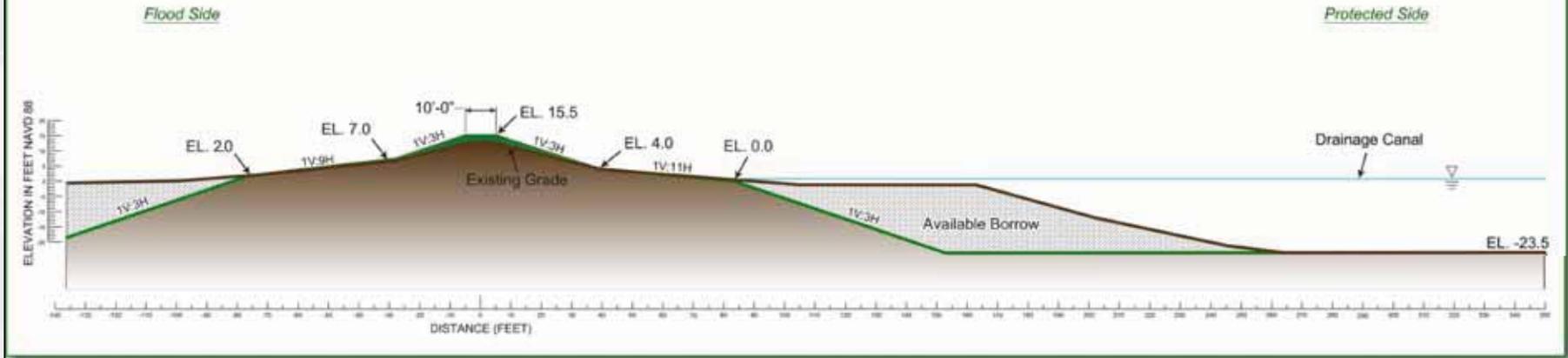
Reach A West



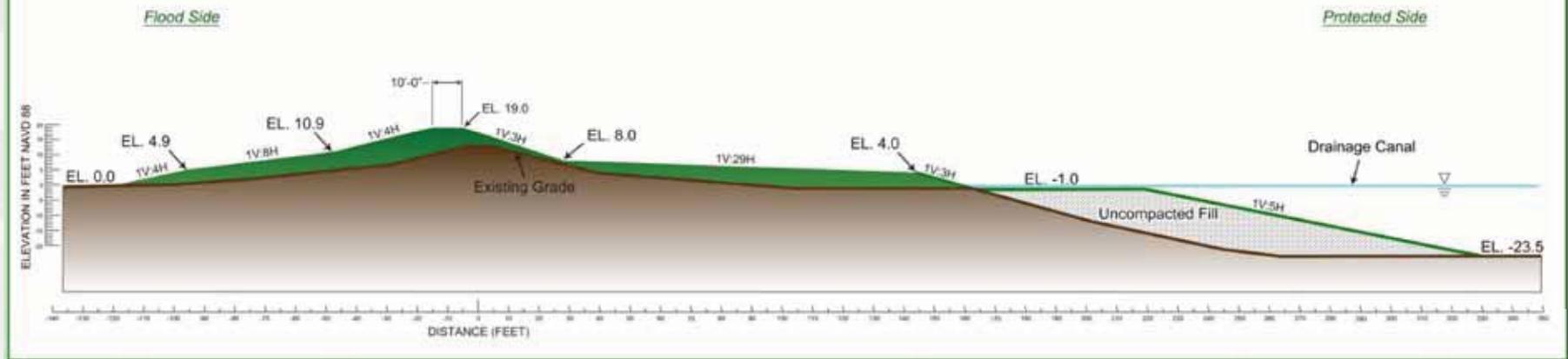
Cross Section Comparison

Reach A West

Alternative A and C



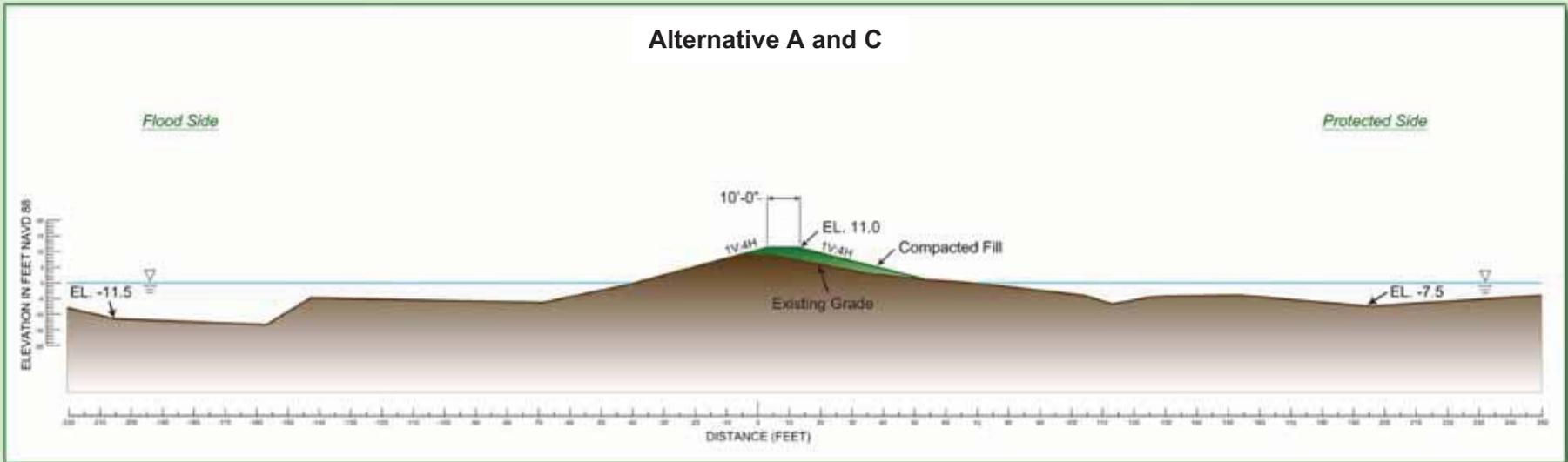
Alternative B



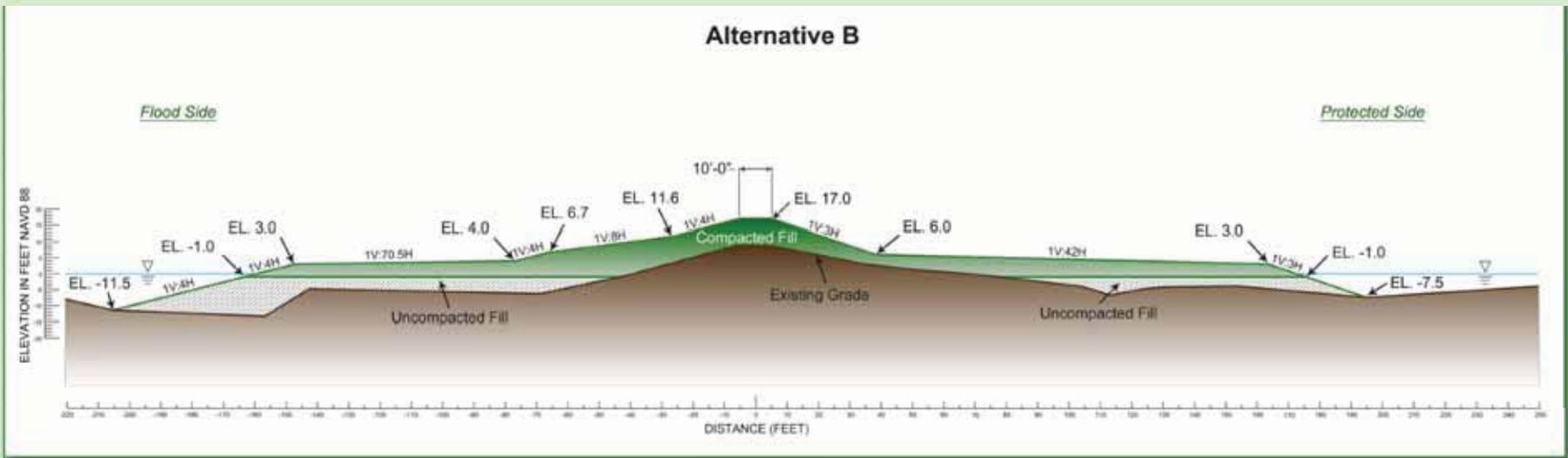
Cross Section Comparison

Reach E North

Alternative A and C



Alternative B



National Environmental Policy Act (NEPA)

- Ensures environmental information is available to the public and decision-makers before decisions are made and before actions are taken.
- Requires agencies to consider impacts of Federal actions on the people
- Environmental information is disclosed in public documents, i.e. Environmental Impact Statements (EIS), Supplemental Environmental Impact Statements (SEIS) and Environmental Assessments(EA)



Previous NEPA Documents

- **1974 EIS for original project**
- **1985 Supplemental EIS**
- **1986 Mitigation EA and Mitigation Report**
- **1987-2011 EAs for various design modifications to individual project features**
- **1991 EA for Section D North Realignment**



Supplemental Environmental Impact Statement (SEIS)

- Purpose of the Recommended Action
- Need for the Project – Is there a reasonable foreseeable need for the proposed action?
- Project Alternatives
 - No-Action Alternative (Required by NEPA)
 - Recommended Action
- Alternative designs that avoid or minimize environmental impacts.



Supplemental Environmental Impact Statement cont.

- **Affected Environment**
- **Environmental Impacts of the Recommended Action and Alternatives (direct, indirect, and cumulative)**
 - **Physical Environment**
 - **Biological Environment**
 - **Human Environment**
- **Public Involvement and Coordination**
- **Conclusions and Determinations**



Why Are We Here Tonight?

To determine the scope of significant issues and potential alternatives related to the Larose to Golden Meadow Post-Authorization Change Study, that should be addressed in the SEIS.



Topics to Consider

- Wetlands
- Bottomland Hardwoods
- Wildlife & Wildlife Habitats
- Fisheries & Aquatic Resources
- Essential Fish Habitat
- Threatened & Endangered Species
- Water Quality
- Air Quality
- Coastal Zone Management
- Direct, Indirect, and Cumulative Impacts
- Cultural Resources
- Recreation
- Aesthetics
- Navigation & Transportation
- Hazardous, Toxic, & Radioactive Wastes
- Noise
- Stormwater Runoff & Management
- Homeland Security
- Flood Protection
- Community Growth & Continuity
- Land Use
- Employment
- Housing
- Tax Revenues
- Property Values
- Tourism
- Environmental Justice



Scoping Questions

Question #1: *What are the most important issues, resources, and impacts that should be considered in the SEIS?*

Examples:

- Protection of the environment (i.e. wetlands, water quality, threatened and endangered species)
- Protection of lives, homes, businesses, other properties
- Protection of infrastructure (i.e. roads, communications)



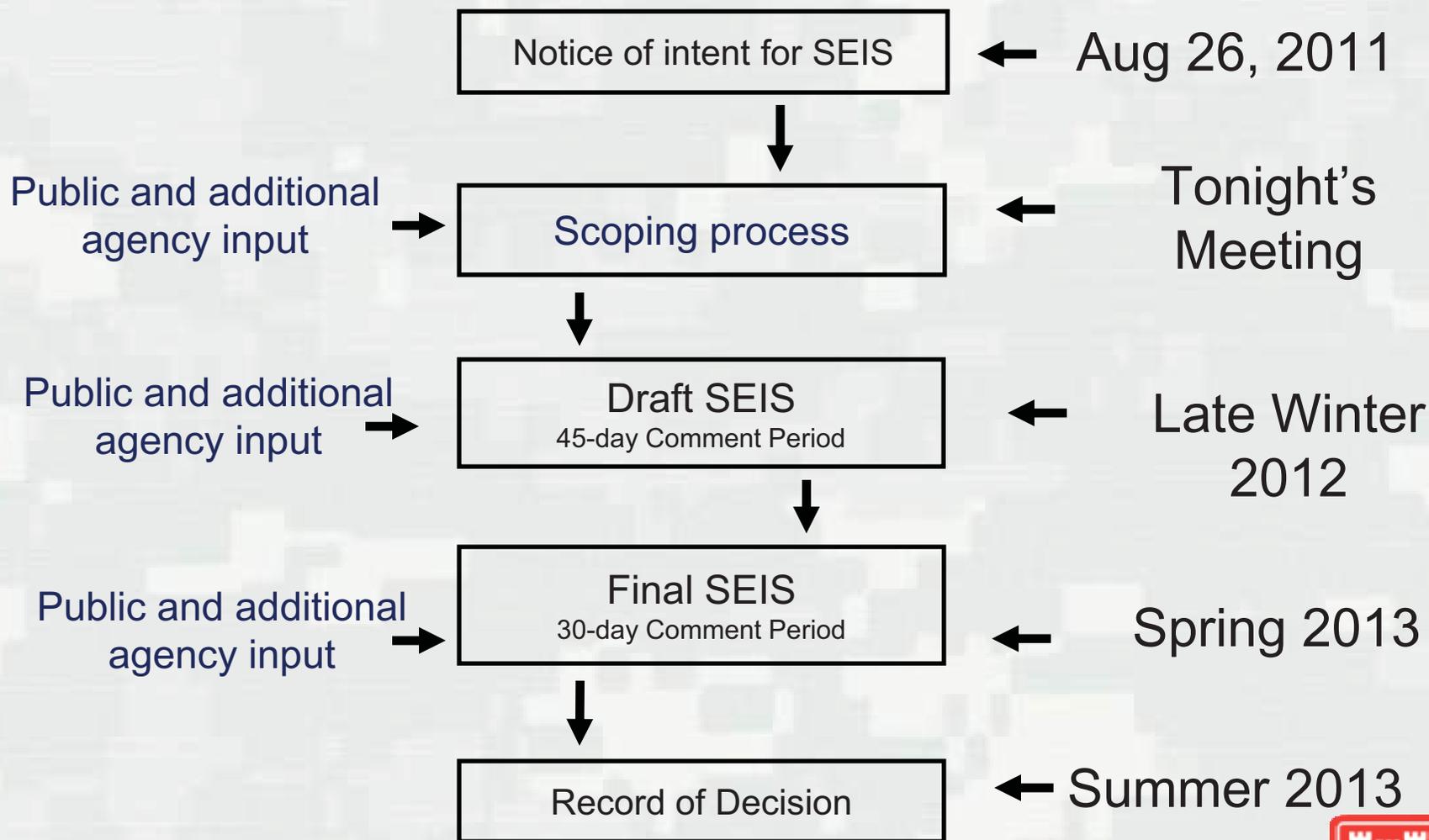
Scoping Questions

Question #2: *Are there any other alternatives or modifications to the existing proposal that should be considered in the SEIS?*

Question #3: *Are there specific locations/areas that we should consider for mitigation sites?*



SEIS Schedule



Opportunities for Public Input

- Make sure to sign in tonight to get on our project notification mailing list
- E-mail comments to: LGM@usace.army.mil
- Mail: Clay Carithers
CEMVN-PDN-CEP
P.O. Box 60267
New Orleans, LA 70160-0267
- Telephone: (504) 862-1337
- Fax: (504) 862-2088
- Comments must be received by Jan. 12, 2012





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[YouTube.com/TeamNewOrleans](https://www.YouTube.com/TeamNewOrleans)



Web-based Resources

www.nolaenvironmental.gov

<http://www.mvn.usace.army.mil>

NOLA Environmental
NEW ORLEANS, LOUISIANA
Environmental Compliance Data Bank
www.nolaenvironmental.gov

PROJECTS | MEETINGS | LIBRARY | DATA VIEWER | GET INVOLVED | RELATED LINKS

Welcome to NOLA Environmental! This site has been set up to share with the public the efforts being made by the U.S. Army Corps of Engineers and other federal and state agencies in south Louisiana regarding the environmental compliance for proposed federal and state Hurricane Risk Reduction Projects. Additional information pertaining to other federal and state agencies' hurricane recovery efforts in southeast Louisiana will also be posted on the site as it becomes available.

The U.S. Army Corps of Engineers, Mississippi Valley Division, New Orleans District implemented Alternative Arrangements on March 13, 2007 under the provisions of the Council on Environmental Quality Regulations for Implementing the National Environmental Policy Act (40 CFR § 1506.11) Learn more...

Announcements

- Draft IER 30 Public Comment Period 8/14 - 9/12
- Federal Register Notice of EPA's Modification of the 1985 Clean Water Act Section 404(c) Final Determination for Bayou aux Carpes is now available (7/28)
- East Baton Rouge EA #431 Drafts Public Comment Period 7/22 - 8/20
- Draft IER 29 Public Comment Period 7/22 - 8/20
- The Decision Record for IER 3 has been signed by the District Commander (June 30, 2009)
- The Decision Record for IERS 1 has been signed by the District Commander (June 29, 2009)

[More...](#)

Upcoming

- 09/12/2009 - Public Meeting (Plaquemines Parish Federal Levees (St. Jude to Venice))
- 09/12/2009 - Public Meeting (Plaquemines Parish Federal Levees (St. Jude to Venice))

[More...](#)

Newly Available

NEW >> NOLA Environmental Basic Data Viewer

- 03 Sept 09 Public Meeting Presentation Plaquemines Parish Pump Stations; GIWW West Closure Complex
- News Release 02 September 09 Corps to discuss upcoming Belle Chasse construction

[More...](#)

FEATURED PROJECT

USACE-MVN Emergency Alternative Arrangements
Greater New Orleans
Hurricane and Storm Damage
Risk Reduction System Projects

ABOUT US | SERVICES | BUSINESS | CAREERS | REFERENCES | PRESS ROOM | CONTACT US | LINKS

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Pump Stations

Operating an improved system
Pumping plays a critical role in preventing flooding from any significant rainfall event. The Corps ensures that pumps are outfitted to remain operable during and after future storm events.

[Get the full story >>](#)

PUBLIC INFORMATION

6 Hurricane & Storm Damage Risk Reduction

[How the Corps is reducing risk >>](#)

Public Meetings

8/26/09 - New Orleans, LA >>
8/31/09 - New Orleans, LA >>
9/2/09 - New Orleans, LA >>

[Pre-Proposal Conference - 8/14/09 >>](#)

[Building a Stronger Corps - A Snapshot of How the Corps is Applying Lessons Learned from Katrina >>](#)

[NOLA Environmental Find meeting presentations & more >>](#)

TOP HEADLINES

ASK THE CORPS

The Corps wants to hear from you!

Q. Where can I find information related to bidding on contracts advertised by the Corps?

A. For more information on Corps contracts and registering your business, [please click here](#).

Submit questions or comments to askthecorps@usace.army.mil.

Corps revises London Ave. Outfall Canal ICS operating procedures
Outfall #1-12/2/09

[RSS \(What is RSS?\)](#)

FEATURED VIDEOS

Inner Harbor Navigation Canal

Reduces risk to New Orleans East, Metro New Orleans, the 9th Ward & St. Bernard from storm surge. [Watch >>](#)

Seabrook Floodgate

Three construction site alternatives are presented in this video for a navigable surge barrier planned for the IHNC area near the Redoubt. [Watch >>](#)

Last updated 09/09/2009 [DISCLAIMER](#) [PUBLIC INQUIRIES](#) [PRIVACY AND SECURITY](#) [EQIA](#) [INFORMATION QUALITY ACT](#) [ACCESSIBILITY](#)



Ground Rules

- **Participants who submit a speaker card will have an opportunity to make a comment / ask a question. (*Speaker Cards are available at the sign-in tables*)**
- **Speakers will have a maximum of 3-minutes at the microphone.**
- **Participants who wish to speak for a second time must wait until everyone has had an opportunity to ask a question or make a comment.**
- **Speakers may not yield unused portions of their time to another speaker.**
- **All comments, written or verbal, become a part of the official record for the LGM PAC Study**
- **All comments, written or verbal, are considered equally.**



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Thank You

