



US Army Corps of Engineers
New Orleans District



Donaldsonville to the Gulf of Mexico

Town of Lafitte Flood Risk Reduction Workshop

Mr. Durund Elzey, Senior Project Manager
Ms. Virginia Brisley, Project Manager
Mar. 24, 2009
Alario Center



Agenda

- I. **Welcome** — Mayor Tim Kerner
- II. **Overview of Donaldsonville to the Gulf of Mexico Project** — Durund Elzey
- III. **Overview of alternatives under consideration** — Virginia Brisley
- IV. **Discussion of alternatives and preferences** — Virginia Brisley



Meeting Purpose

- **Provide information on flood damage risk reduction projects that impact residents and businesses in Barataria, Lafitte, Crown Point and other areas of lower Jefferson Parish**
- **Incorporate your feedback into development of the Donaldsonville to the Gulf of Mexico Feasibility Study**



Initial Brainstorming

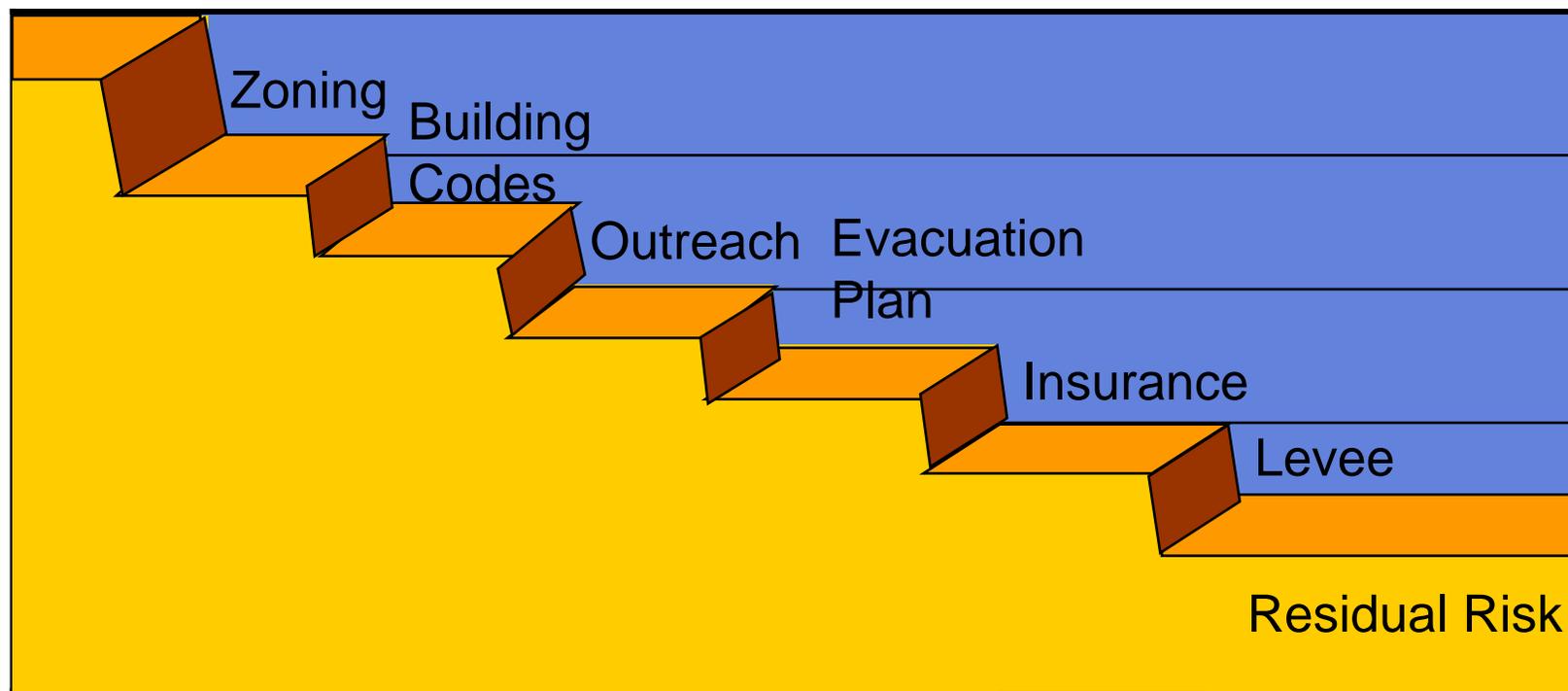
- What are your expectations of the Corps?
- What factors should determine flood damage risk reduction?
- What are the most important factors?
- What would make you feel safer?
- What are your expectations of this meeting?



Buying Down Risk

All stakeholders contribute to reducing risk!

Initial Risk



Risk Reduction Tools
(Cumulative)



Donaldsonville to the Gulf of Mexico

- Draft Feasibility study/Draft Environmental Impact Statement are currently 60 percent complete
- Study area includes portions of Ascension, Assumption, St. James, St. John the Baptist, Lafourche, St. Charles, Jefferson, Orleans, and Plaquemines parishes
- Project partners include:
 - Lafourche Basin Levee District
 - State of Louisiana, Office of Coastal Protection and Restoration





Donaldsonville to the Gulf of Mexico

- **Cost share is 50 percent Federal and 50 percent non-Federal (approx \$10 million)**
- **Study purpose:**
 - **Reduce risk of storm surge**
 - **Reduce damages from intense rainfall events in the study area (interior drainage)**
 - **Identify opportunities to improve navigation, wildlife habitat, wetland areas and recreation**



The Donaldsonville to the Gulf of Mexico project would reduce the risk of flood damage to several south Louisiana communities including Des Allemands, pictured above.



Donaldsonville to the Gulf of Mexico

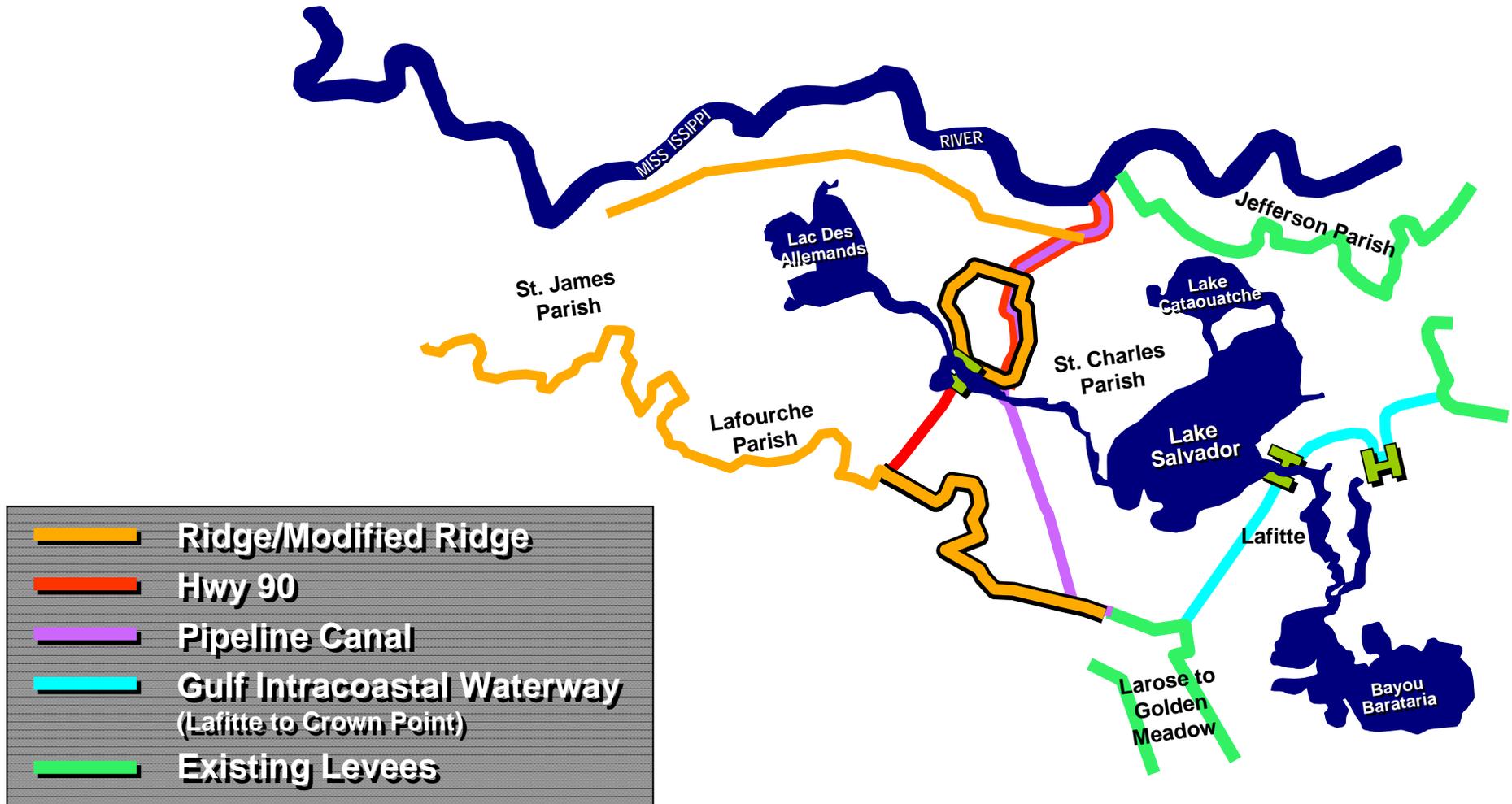
- Study is being coordinated with Lafourche Basin Levee District and State of Louisiana, Office of Coastal Protection and Restoration
- Five alignments under consideration (and No Action)
- Draft Feasibility Study/Draft Environmental Impact Study anticipated in late winter 2009
- Final Feasibility Study/Environmental Impact Study anticipated in spring 2010



Typical view of populated ridge landscape in the Donaldsonville study area.



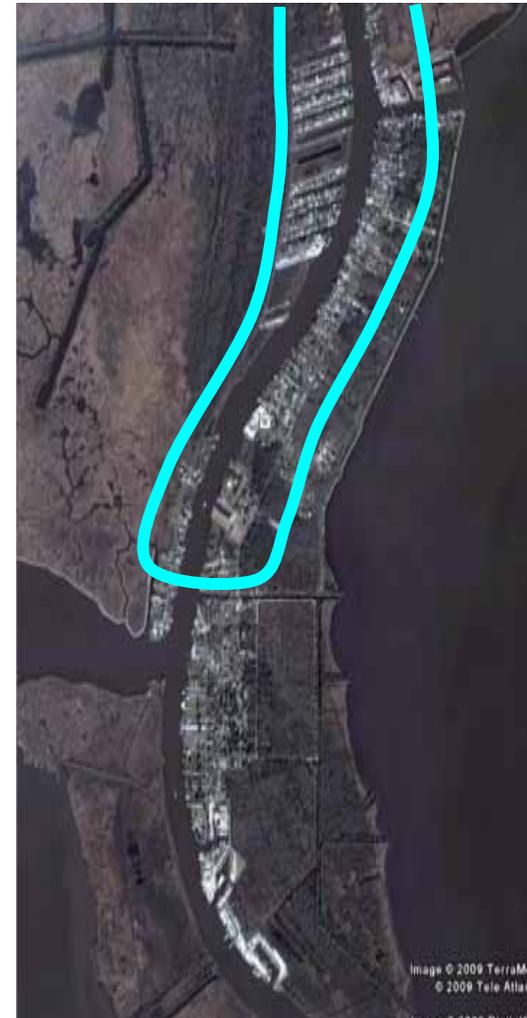
Alignments Under Consideration





Gulf Intracoastal Waterway Alignment

- Alignment is being evaluated in the Donaldsonville to the Gulf Feasibility Study and Environmental Impact Statement
- Would reduce risk for Barataria, Lafitte, Crown Point and other areas of lower Jefferson Parish
- Would reduce risk to residents and businesses
- Could impact cultural resources
- Includes three sub-alternatives

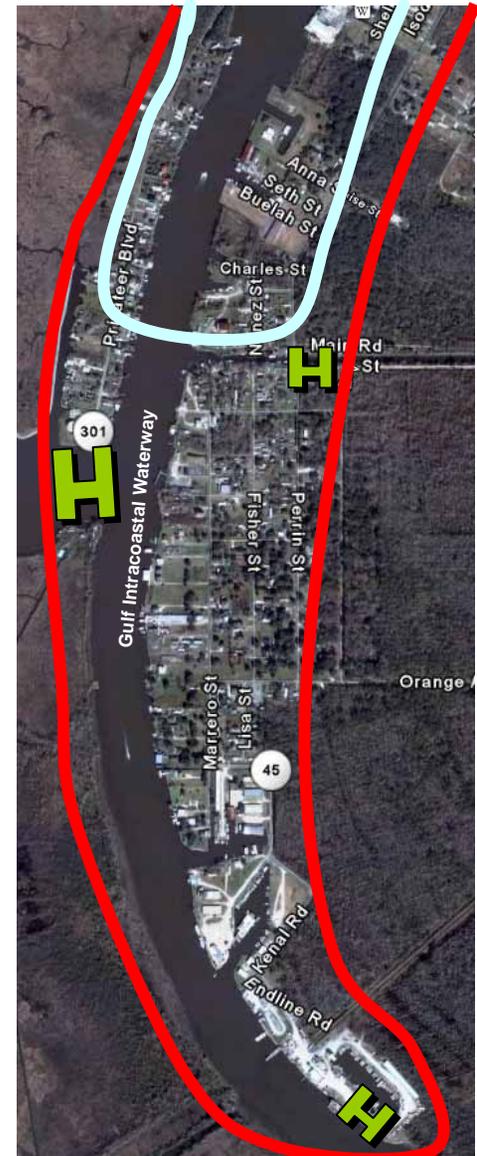




Lafitte to Crown Point

Sub-Alternative 1

- Includes earthen levees and floodwalls
- Would be built to elevation +16
- Potential real estate implications
- Includes three navigable gates as shown
- Cost estimates are in progress



Note – scale of image differs than previous image

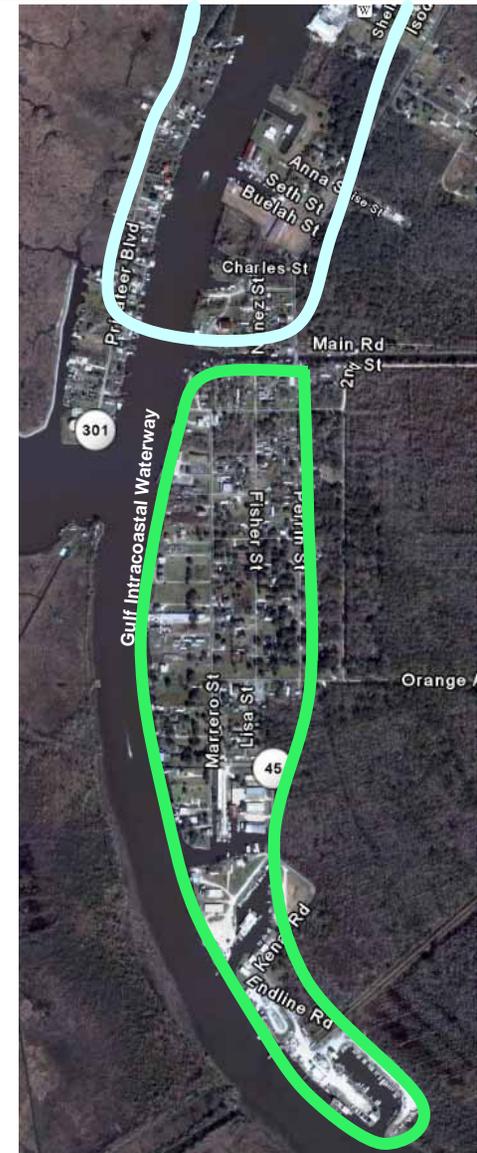


Lafitte to Crown Point

Sub-Alternative 2

- Includes earthen levees and floodwalls
- Would be built to elevation +16
- Potential real estate implications
- Does not include navigable crossing(s)
- Cost estimates in progress

Note - This sub-alternative can be a part of any of the structural alternatives being evaluated in the study.





Lafitte to Crown Point

Sub-Alternative 3

- Analyzes feasibility of implementing Non-Structural Measures such as:
 - Not constructing levees or floodwalls
 - Elevating structures on piles or fill
 - Relocating or elevating utilities
 - Installing water-resistant materials to structures
 - Installing pump system
 - Relocating structures
- Cost estimates in progress



Note - This sub-alternative can be a part of any of the structural alternatives being evaluated in the study.



Feedback

- What's the best feature of Sub-Alternative 1?
- What's your greatest concern about Sub-Alternative 1?
- What's the best feature of Sub-Alternative 2?
- What's your greatest concern about Sub-Alternative 2?
- What's the best feature of Sub-Alternative 3?
- What's your greatest concern about Sub-Alternative 3?
- Which sub-alternative do you prefer? Why?
- Which alternative is least preferable? Why?
- Do you still have concerns? What are they?



Opportunities for Input

- Offer verbal comments tonight
- Complete a written questionnaire
- Mail comments to:
US Army Corps of Engineers
Public Affairs
c/o Donaldsonville to the Gulf
PO Box 60267
New Orleans, LA 70160
- Submit comments via e-mail:
Donaldsonville@usace.army.mil



US Army Corps of Engineers New Orleans District



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. Learn more...

Announcements

- The Decision Record for [IER 4](#) has been signed by the District Commander (March 19, 2009)
- [IER 16 Western Tie-In 404 \(b\)\(1\) public notice Comment](#) Period 2/23 - 3/25
- The Decision Record for [IER 12](#) has been signed by the District Commander (February 16, 2009)

Upcoming

- 03/24/2009 - Donaldsonville to the Gulf Town of Lafitte Flood Risk Reduction Workshop
- 03/25/2009 - Public Meeting (Company Canal)

Newly Available

- NEW** NOLA Environmental Basic Data Viewer
- Final IER 4 LPV, New Orleans Lakefront Levee, West of Inner Harbor Navigational Canal
- News Release 19 March 09 IER 4 Decision Record

FEATURED PROJECT

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

U.S. Army Corps of Engineers New Orleans District
Microsoft Internet Explorer provided by USACE, New Orleans District

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

US Army Corps of Engineers
New Orleans District

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Floodwalls

Building them bigger, stronger, better. The U.S. Army Corps of Engineers is continuing to work expeditiously to complete the Hurricane and Storm Damage Risk Reduction System (HSDRRS) by 2012. To this end, the Corps is using innovative research learned to construct more resilient levees and floodwalls.

[See for yourself on YouTube](#)

PUBLIC INFORMATION

Hurricane & Flood Risk Reduction
Learn more about what the Corps is doing to reduce risk.

Emergency Information
Food Closures, Disaster Centers, Patch Information and More

NOLA Environmental
Did you miss a meeting? No problem! Find presentations, summaries and [blogs](#).

TOP HEADLINES

- Boardroom conference action on Wetlands 1 Status
- Corps releases environmental document for public review
- Corps to provide update on Wetbank risk reduction assets
- Corps seeks industry input on design and South Canal (Sliver 1) C&D

ASK THE CORPS

The Corps wants to hear from you!

Q: Do you have information on the closing of Industrial Locks on August 1, good for 30 days?

A: Yes. For information regarding the August 1st closing of the Inner Harbor Navigation Canal Lock, please click here.

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

FEATURED VIDEOS

- West Orleans Complex: Learn more about the alternatives under consideration to reduce risk on the Wetbank, March 23.
- Hurricane & Storm Damage Risk Reduction System: From levees to pumping stations, find out more about system features.

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