

# Greater New Orleans Hurricane & Storm Damage Risk Reduction System

## Eastern Tie-In

## Hwy 23 Crossing

## Roller Gate

T. Connell

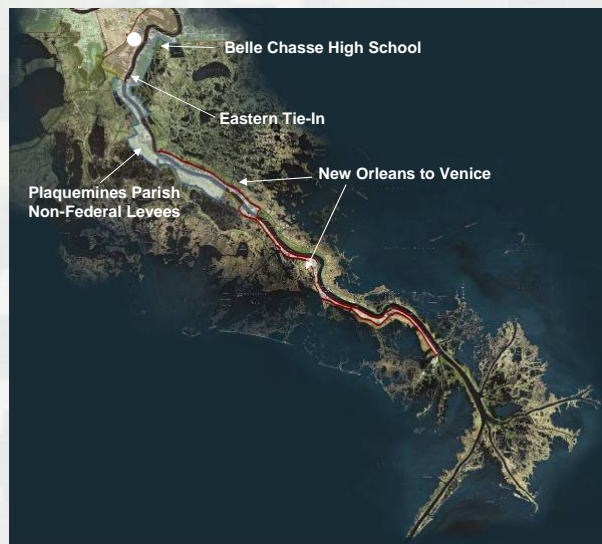
Public Workshop  
Sept. 19, 2009  
Belle Chasse High School



US Army Corps of Engineers  
**BUILDING STRONG®**



# Plaquemines Parish Risk Reduction



Three distinct but connected projects reduce risk for residences and businesses in Plaquemines Parish



# Eastern Tie – Project Orientation

IER 13: Hero to Oakville  
Proposed Action Alignment

Proposed Floodgate Location



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## Background

- Corps projects must be environmentally compliant
- Eastern Tie-In is an integral piece of the hurricane system
- Original Corps proposed action was a swing gate to cross Highway 23
- Individual Environmental Report 13, the Eastern Tie-In project document, was released for public review Apr. 3, 2009
- Public input led to refine design and minimize visual impacts



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## Hwy 23 Crossing Refinements

- Four alternatives under consideration:
  - Invisible Floodwall
  - Roller gate
  - Swing Gate
  - Ramp
- This session: Roller Gate



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## Stored Roller Gate



When driving north on Hwy 23 you would notice a 9 ft tall concrete floodwall and steel roller gate set back approximately 35 ft from the road on your left.

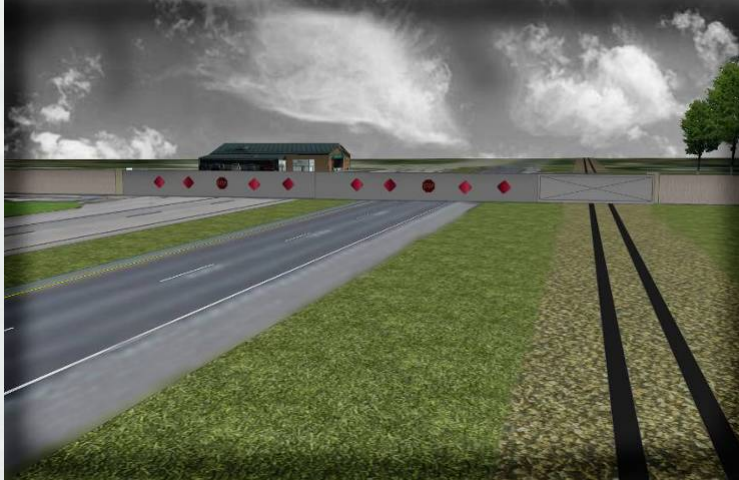


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## Closed Roller Gate

North bound View



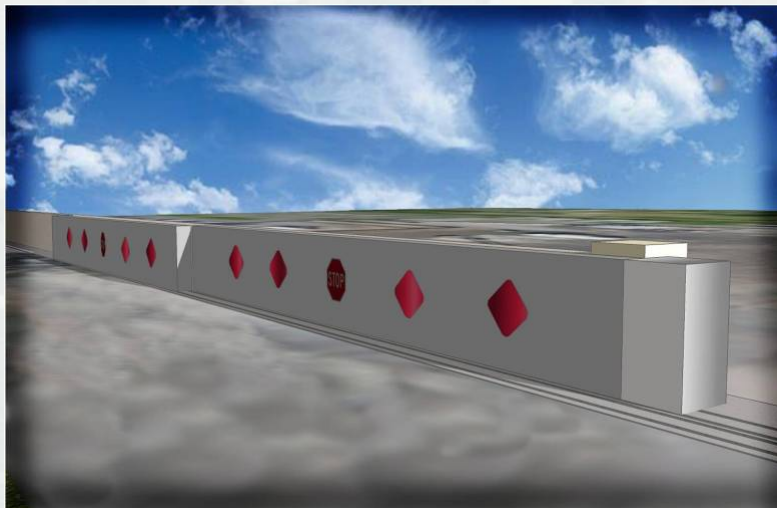
In anticipation of a storm event the steel gates would be rolled closed with a winch by 2 to 4 people in less than an hour.



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## Roller Gate Safety Reflectors



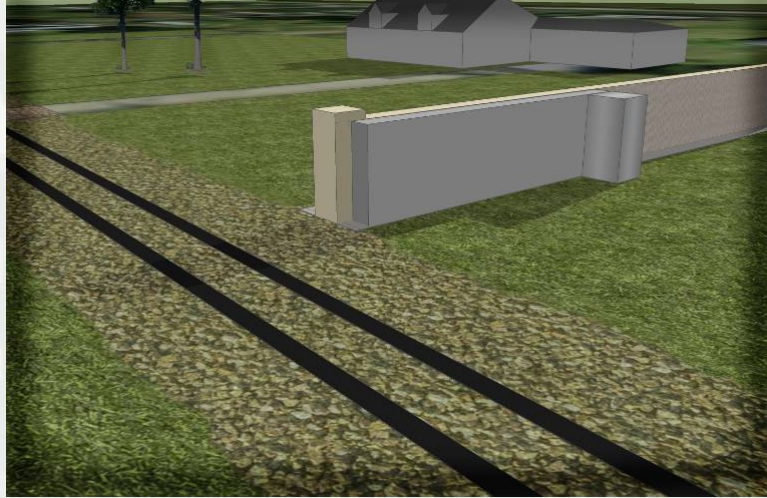
Feedback offered by community members led the Corps to add reflectors to the Roller Gate option.



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## Railroad Swing Gate



The Swing Gate option to cross Highway 23 would include block surge at the railroad tracks.



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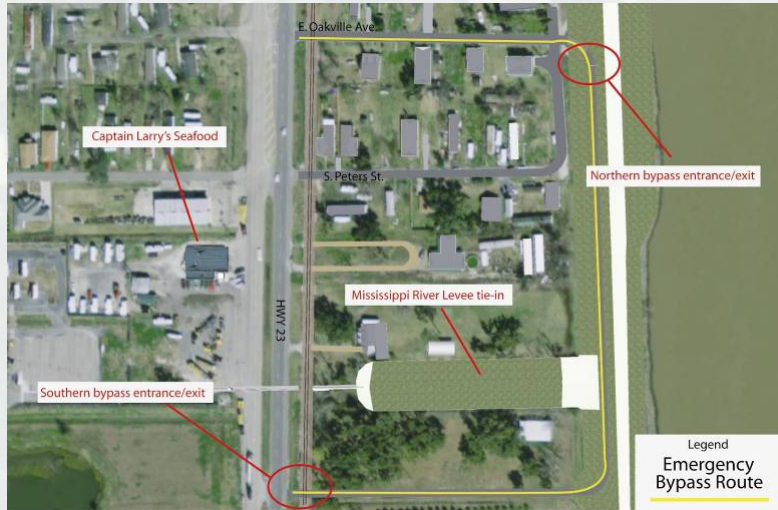
## Roller Gate



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# Emergency Bypass



An Emergency Bypass road would be constructed at the project site no matter which option to cross highway 23 is selected.



# Questions and Comments



## Next Steps

- Feedback offered today will be considered for Individual Environmental Report 13 Addendum
- Individual Environmental Report 13 Addendum is scheduled for release in early Oct. 2009
- Public meeting to discuss the proposed action is scheduled for Oct. 20, 2009 at Belle Chasse High School



## Resources

[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

The screenshot shows the NOLA Environmental website with a navigation menu (PROJECTS, HISTORY, LIBRARY, DATA CENTER, DETAIL/VIDEO, RELATED LINKS) and several sections:
 

- Announcements:** A list of public comment periods for various projects, including Draft EIR, Draft EIS, and Draft EIS/EA.
- Featured Project:** A section titled 'USACE-MAN Emergency Mitigation Arrangements Greater New Orleans Hurricane and Storm Damage Risk Reduction System Projects' with a map of the area.
- Upcoming:** Information about public meetings for EIR 6, 9, 10, and 11.
- Newly Available:** Links to the NOLA Environmental Data Viewer, HES BANKS US Army, and EIS 8 Phase 2 Final Project Operating Permitting.

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

The screenshot shows the US Army Corps of Engineers website with a navigation menu (ABOUT US, SERVICES, CONTACT US, CAREERS, MEMBERSHIP, PRESS ROOM, CONTRACTS, LISTS) and several sections:
 

- Headlines:** A section with news items, including 'New Orleans Flood Risk Status Has Leaked, Says Report' and 'New Orleans Flood Risk Status Has Leaked, Says Report'.
- FOR REGULATORS:** Information about the Corps' Regulatory Process.
- FOR THE COMMUNITY:** Information about the Corps' Community Outreach Program.
- FOR THE MEDIA:** Information about the Corps' Media Relations Office.

