

Hurricane Protection Restoration Status Brief

Prepared for

SOCIETY OF AMERICAN ENGINEERS

June 1, 2006

Presented by

Colonel Lewis F. Setliff III

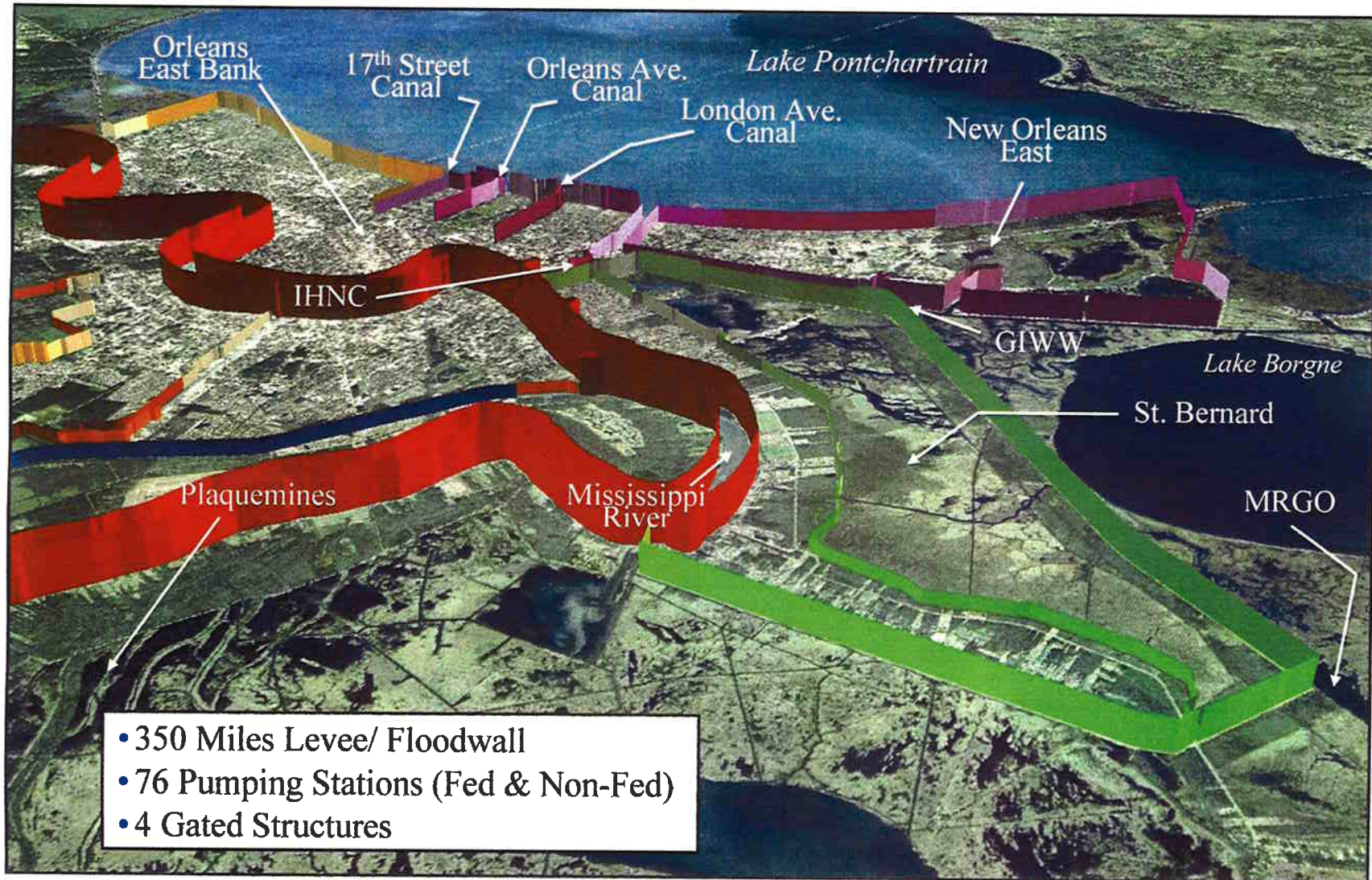
Commander, Task Force Guardian

One Team: Relevant, Ready, Responsive and Reliable



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New Orleans Area Hurricane Protection System



One Team: Relevant, Ready, Responsive and Reliable

Mission

Task Force Guardian will repair Greater New Orleans Federal hurricane and flood protection system damages resulting from Hurricane Katrina; restoring the system to pre-storm conditions by 1 June 2006.

Damages to the Mississippi River flood protection levees will be repaired by 1 December 2005.

TF Guardian will assess damages to the publicly owned hurricane and flood protection systems, including pumping stations, and consider/ provide recommended repairs by 15 December 2005.

Scope of Damages

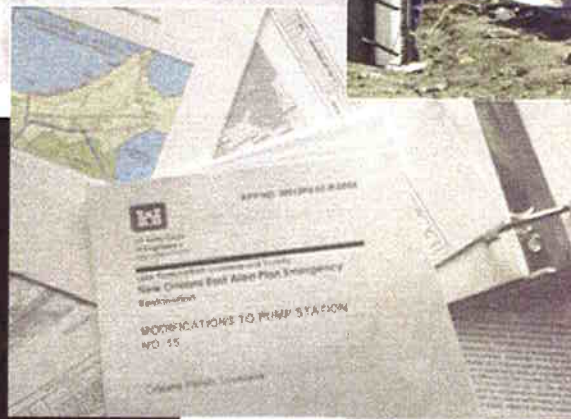
- 169 miles of levee and floodwall
- 66 pump stations
- 4 gated structures



One Team: Relevant, Ready, Responsive and Reliable

Strategy to Repair

- Organize for efficiency
- Assess damages
- Prepare for success
- Execute



One Team: Relevant, Ready, Responsive and Reliable

Program Statistics

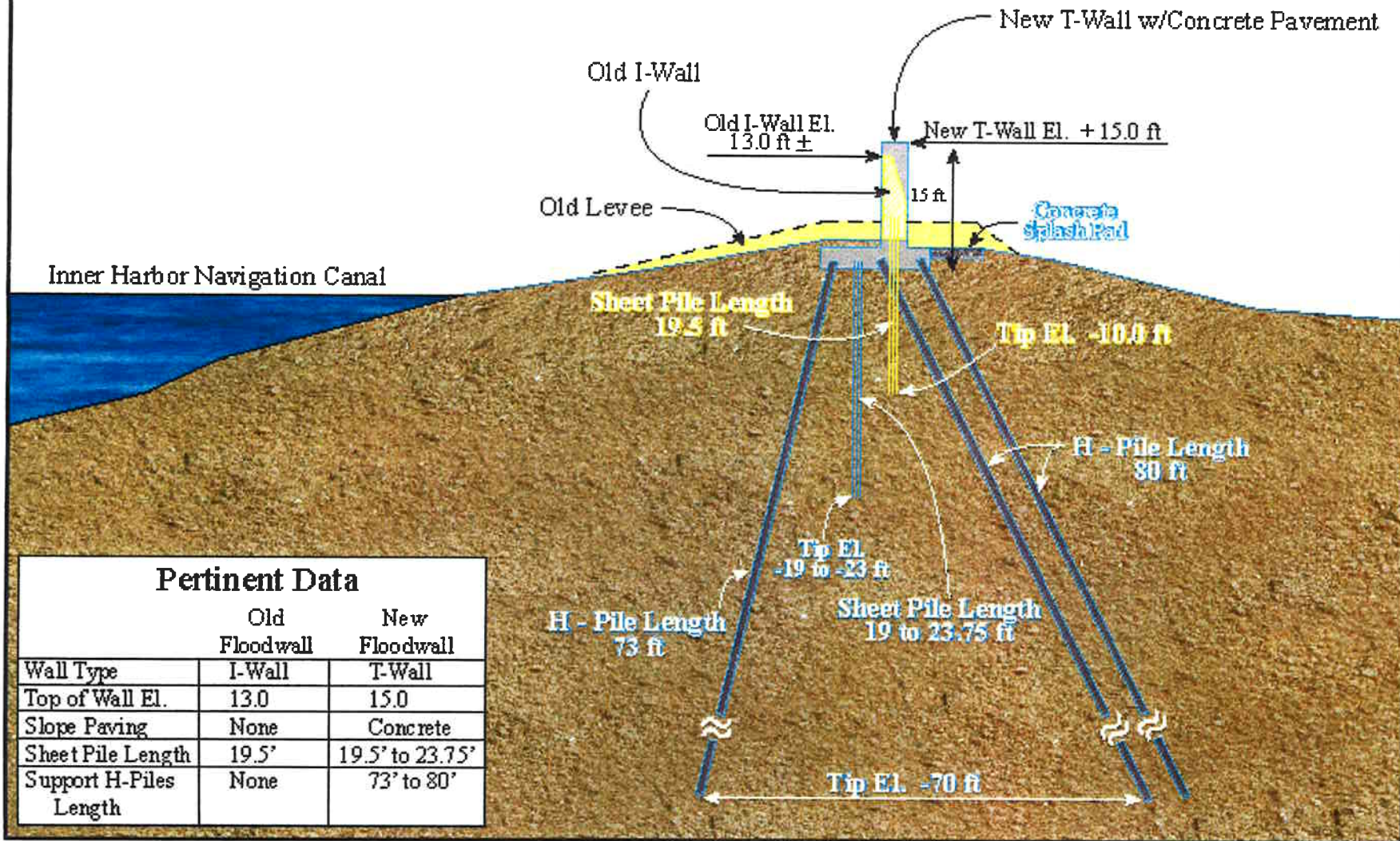
- \$801 million execution
- 5.5 million cy borrow material
- 155 vessels removed
- 59 construction contracts
- 9 months to deliver



One Team: Relevant, Ready, Responsive and Reliable

Better and Stronger

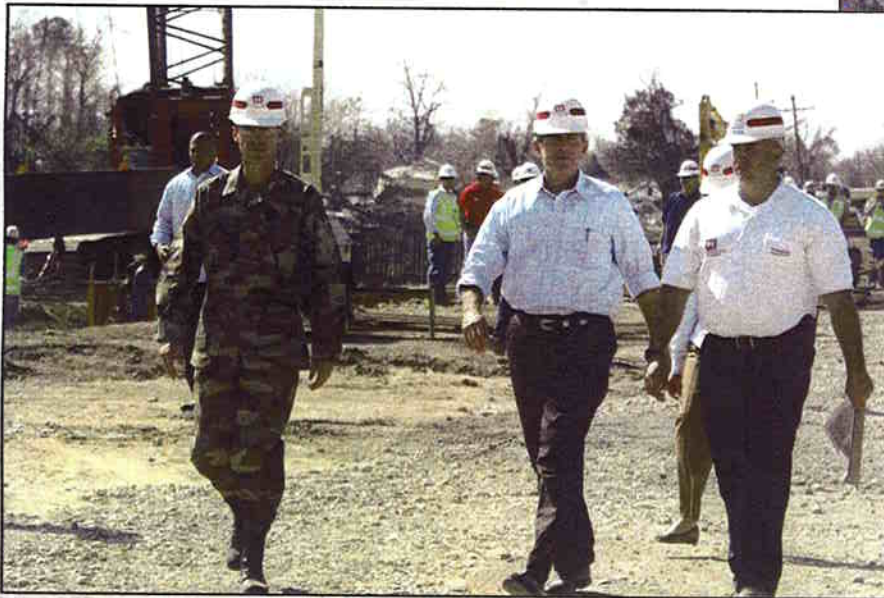
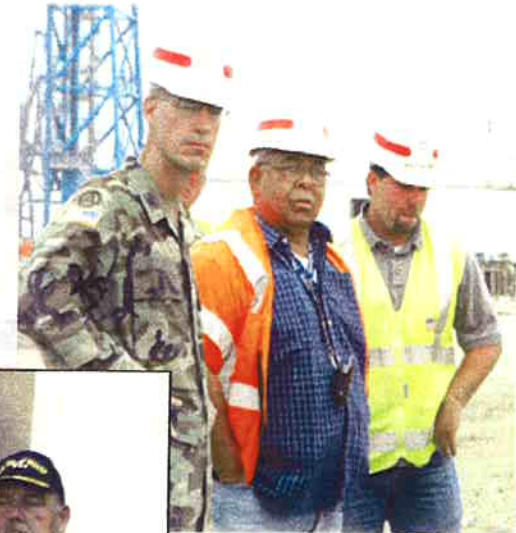
Cross-Section View - Floodwall East of IHNC between North Claiborne Ave. & Florida Ave.
 Inner Harbor Navigation Canal - IHNC 01 Task Force Guardian



* All elevations are NAVD88

Strategic Communications

- Community townhalls
- Grass roots engagement
- On-site engagement of critics
- Engagement of media



One Team: Relevant, Ready, Responsive and Reliable

*“We know the world is watching us.
There is no room for failure.”*

Colonel Lewis F. Setliff III
Commander, Task Force Guardian

One Team: Relevant, Ready, Responsive and Reliable

East of Bayou Dupre - MRGO



East of Bayou Dupre - MRGO



ST. BERNARD PARISH

DAMAGE

- 8 mi of exterior levee and floodwall (I-wall)
- 14 mi non-Federal interior levee
- 8 pump stations
- 2 control structures

PROTECTION RESTORED

- 11.8 mi new levee
- 7.0 mi scour
- 2 control structures

TOTAL PROJECT COST

\$52,574.2M



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Btw control structures - MRGO



Btw control structures - MRGO



Bayou Bienvenue Control Structure



IHNC to Bienvenue



IHNC to Bienvenue



Bayou Bienvenue Control Structure



Citrus Back Levee Floodwall



IHNC to Bienvenue



New Orleans to Venice Empire/
Buras Area



New Orleans to Venice Empire/
Buras Area



PLAQUEMINES PARISH

DAMAGE:
150 mi of Mississippi River and Hurricane Protection Levee
6-mi of floodwall
One marine floodgate
Non-Federal/private levees and pump stations

PROTECTION RESTORED

5.8 mi new levee
150 mi scour repair
1 control structure

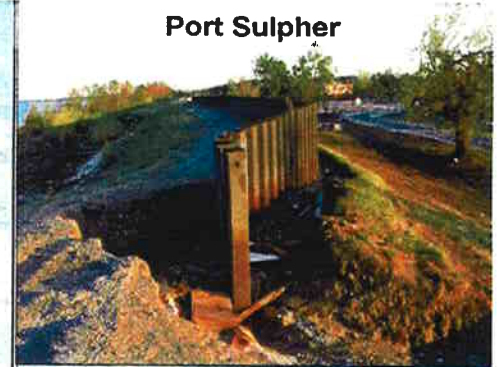
TOTAL PROJECT COST

\$126,765.8

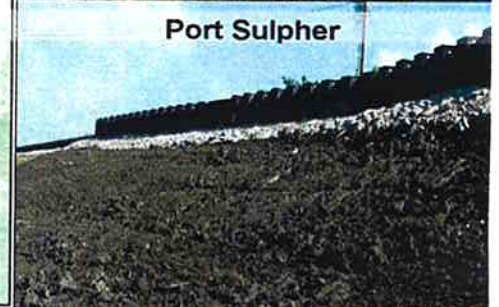


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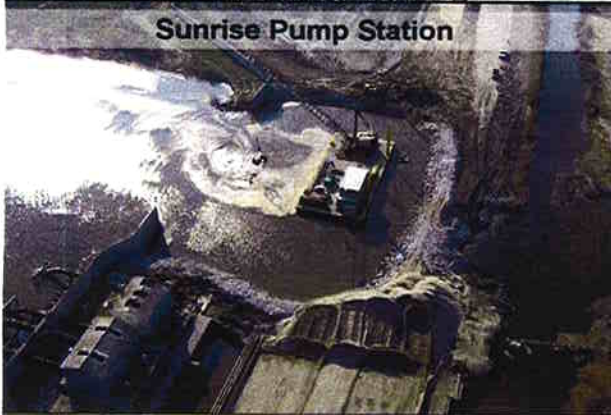
Port Sulpher



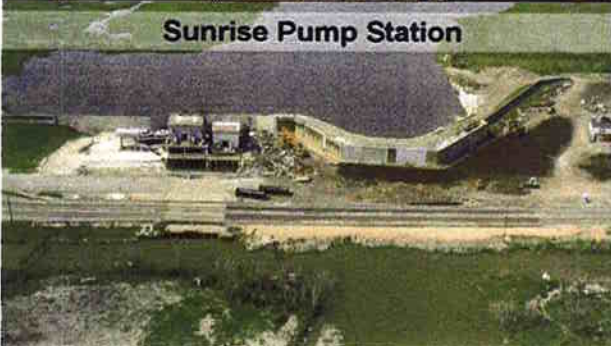
Port Sulpher



Sunrise Pump Station



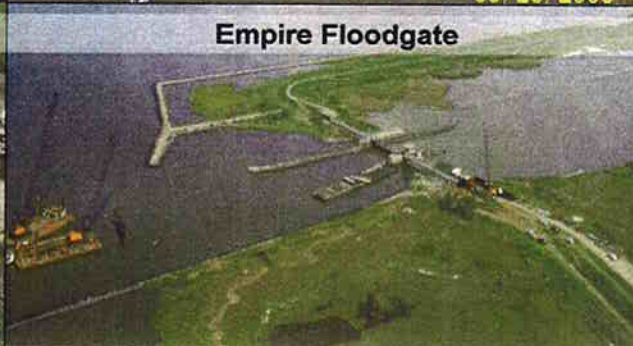
Sunrise Pump Station



Empire Floodgate



Empire Floodgate

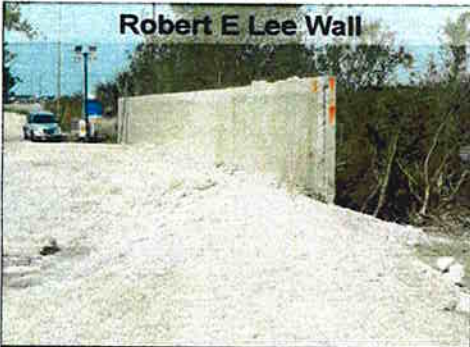


IHNC to Bienvenue

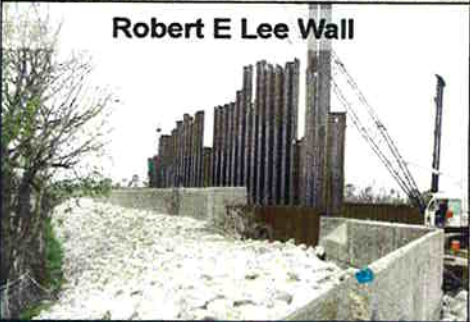


IHNC to Bienvenue





Robert E Lee Wall



Robert E Lee Wall



US Army Corps of Engineers®

ORLEANS EAST BANK

DAMAGE:

1.1 mi of levee and floodwall
13 pump stations

PROTECTION RESTORED

0.3 mi new floodwall
5.2 mi scour repair
3 interim closure structures

TOTAL PROJECT COST

\$176,484.2M



17th Street Interim Gated Structures



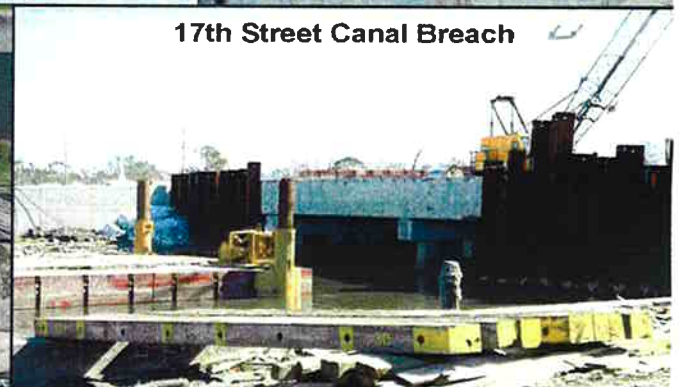
17th Street Interim Gated Structures



Orleans Avenue Canal



London Avenue Canal



17th Street Canal Breach



Orleans Avenue Canal



London Avenue Canal



17th Street Canal Breach

Michoud to Michoud



Michoud to Michoud



NEW ORLEANS EAST

DAMAGE

4.6 mi of exterior levee and floodwall
8 pump stations

PROTECTION RESTORED

5.1 mi new levee
0.7 mi new floodwall
26.3 mi scour repair
1 control structure

TOTAL PROJECT COST

\$70,212.7



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France Rd to Benefit



France Rd to Benefit



Floodgate at CSX



Citrus Back Levee Floodwall



East Back Levee to CSX RR



Floodgate at CSX



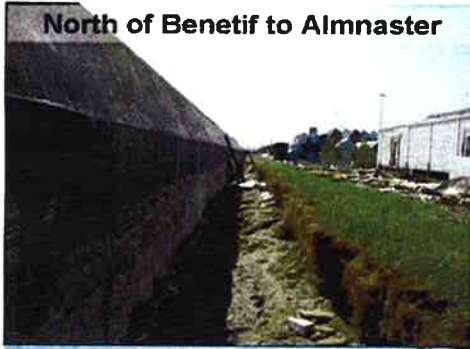
Citrus Back Levee Floodwall



East Back Levee to CSX RR



North of Benetif to Almnaster



North of Benetif to Almnaster



INNER HARBOR NAVIGATION CANAL

DAMAGE:

12.3 mi of floodwall and levee

PROTECTION RESTORED

1.3 mi new floodwall

6.8 mi scour repair

TOTAL PROJECT COST

\$65,603.8M



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France Rd to Benetif



France Rd to Benetif



N. Claiborne Ave. to Florida Ave.



Dwyer to Hayne Blvd.



France Road ramp to IHNC



N. Claiborne Ave. to Florida Ave.



Dwyer to Hayne Blvd.



France Road ramp to IHNC

