

**18<sup>th</sup> Annual Workshop of the  
Association of Levee Boards of Louisiana  
Comments for Colonel Peter J. Rowan  
May 8, 2003  
New Orleans, Louisiana**

*Final*

**SLIDE**

**PRINT**

1. Corps seal

2. Title Slide  
18<sup>th</sup> Annual  
Workshop of the  
Association of Levee  
Boards of Louisiana  
May 8, 2003

Greetings. Introduction.

3. Graphic: Topics:

Topics.

\*MR&T Studies  
\*MR&T Projects  
\*Hurricane  
Protection  
\*Coastal Restoration

4. Graphic: Three  
study areas

Currently managing four studies.  
Three shown here:  
Morganza to the Gulf,  
Alexandria to the Gulf  
Donaldsonville to the Gulf  
**Commonality:**  
Hurricane protection; flood control  
Sub-watershed studies; significant ecosystem  
restoration objectives.

5. Map: Houma Canal  
(110'w, 800'l;  
200'-w floodgate)

### **Morganza / Gulf**

#### **Features:**

72 miles of new levee  
Nine 56-wide sector gates  
One 125-foot floodgate (GIWW & Bayou  
Lafourche)  
Two 125-foot floodgates (GIWW & Houma)  
\$680 M study

#### **Status:**

- \* Chief of Engineers approved last August.
- \* In Congress for authorization
- \* Construction to begin in FY 2005.
- \* Houma Navigation Canal Lock - in design

6. Graphic:  
Alexandria to the  
Gulf of Mexico map  
BULLET:  
April 11, 2003 –  
Signed Cost Sharing  
Agreement with  
Gravity Drainage  
District No. 1

### **Alex / Gulf**

**Features:** 1<sup>st</sup> phase - Alexandria area flooding  
19-mile channel

Two diversion structures

**Status:** 11 Apr - signed Cost Sharing  
Agreement with Gravity Drainage District  
No. 1 for first phase

7. Graphic:  
Donaldsonville to the  
Gulf of Mexico map  
BULLET:  
Evaluating three  
alternative levee  
alignments

### **Donaldsonville / Gulf**

**Features:** HPL from Larose (Lafourche Parish)  
to Luling (St. Charles Parish)  
\$7 M study

**Status:** Underway.

- \* Collecting field data for engineering and economic analysis.
- \* Evaluating 3 alternative levee alignments (longest alignment = 57 miles)
- \* 1 or 2 flood control structures, depending on alignment
- \* Canal & pump station improvements for interior drainage
- \* Environmental restoration
- \* Completion scheduled Sep 2005

8. Graphic: Lower Atchafalaya Basin Study map  
Photo: aerial, Atch levee system

4<sup>th</sup> study

**Lower Atchafalaya Basin Reevaluation Study**

**Features:** Cont'd raising of Atch levees, upgrading 5 existing structures. Add'l study of levees east of Morgan City (13 miles new levee, 1 new floodgate (GIWW, m. 89), new lock & pump station complex in Bayou Boeuf)

**Status:**

- \* Addressing division's comments on the preliminary draft report
- \* Will resubmit the report in early June.

9. Graphic: MR levee mileage chart  
BULLET:  
Total: 512  
Comp FY00: 495  
Ongoing: 0  
Remaining: 17

**MRL Levee construction progress (in NOD)**

**Status:**

- \*97% complete
- \*No ongoing work

10. Alhambra to Hohen Solms Levee  
BULLET:  
Contract awards  
FY 2003:  
\* East Bank gap closures  
\* Alhambra to Hohen Solms levee enlargement  
FY 2004:  
\* West Bank gap closures  
\* Hohen Solms to Modeste Levee Enlargement

Two contract awards this FY (Sep 03)

Two contract awards in FY 04

11. Photo: Angola construction  
BULLET:  
Scheduled for completion this fiscal year

**La. State Penitentiary**  
Will complete this FY

12. Photo: WABPL-95  
BULLET: Atch Basin levees (mi)  
Completed: 386  
Remaining: 63  
Total: 449

**Atch Basin Levee construction progress**

**Status:** 93% complete

13. Graphic: FY03, Atch contracts  
BULLET:  
**To be awarded (7):**  
Melville Front & Ring Levee; Krotz Springs Front & Levee; W-52 Levee; E-69/73 Levee; Wax Lake Outlet West Levee; Wax Lake West Drainage Structure; and West Bayou Sale North Bend Levee

**Status:**

\* If funds available, we'll let seven contracts this FY

\* No new contracts scheduled in FY04

14. Photo: Scenic, Lake Pont levee, lakefront, hi alt  
BULLET:  
Category 4 or 5 storm protection

**Hurricane protection**

Hurricane Protection Louisiana Study

**Status:**

\* Reconnaissance Report completed in July

\* Feasibility study to begin FY 04

\* Funding constraints

15. Graphic: N.O. to Venice project

**NO to Venice HPL**

**Status:**

Awarded 2nd enlargement – Ft. Jackson to Venice reach on the west bank.

16. Photo: Hammond Hwy

**Lake Pontchartrain & Vicinity HPL (Orleans/Jefferson Parish)**

**BULLET:**

**Status:** 2 floodproof contracts underway

Two floodproofing contracts underway:

\* Hammond Hwy Bridge replacement

Completion: April 04 (funding permitting)

\* Hammond Hwy Bridge

\* Filmore & Mirabeau bridges

Completion: July 04 (funding permitting)

\* Filmore &

Mirabeau bridges

17. Photo: PS #6

**Orleans Parish Pump Stations**

**BULLET:**

**Status:**

Pump Station #3 scheduled for fronting protection this fy

\* PS#3 fronting protection scheduled in FY03

\* funding permitting

18. Photo: Reach 1 Levee Enlargement, Jeff Parish (Kenner)

**Jefferson Parish**

Reach 1 Enlargement

**Status:**

\* Delayed award, lack of funds

\* Possible award in late FY03 pending receipt of sufficient FY04 funding

19. Photo: N.O. East back levee, construction

**NO East**

**Status:**

\* Underway – Paris Rd to IHNC lv enlgmt

\* Delayed – N.O. East back Levee along GIWW (due to funding)

20. Photo: St. Charles Parish, Cross Bayou Drainage Structure

BULLET:

Underway – 3 drainage structure contracts

\* Cross Bayou

\* St. Rose

\* Reach 1

### **St. Charles Parish**

**Status:**

\* Scheduled for award late this FY (w/intent to use FY04 funding)

- Floodgate at Illinois Central Railroad

- Reach 2B Levee Enlargement

- Gap closure at Gulf South pipeline crossing

21. Algiers Canal levee construction

BULLET:

Two contract awards

\* Reach 3 Floodwall

\* Algiers Canal 1<sup>st</sup>

Levee Enlargement

### **West Bank HPL**

**Status:**

\* Underway – 2 contracts awarded

- Reach 3 floodwall for pump stations at Ames, Mt. Kennedy and Oak Cove.

- 1<sup>st</sup> lift lv enlgmt, west side of Algiers Canal from Algiers Lock to Belle Chasse Hwy.

\*Late FY03 & FY 04 awards depend on funding

22. Photo: Cousins Pump Station

BULLET: Scheduled in FY 2003 – Harvey Canal sector gate complex

### **Harvey Canal**

**Status:**

\* Underway – 2 contracts

- Cousins Pump Station expansion & fronting protection

- Discharge channel, floodwall & culvert in canal

\* Scheduled – Sector gate complex (Summer 03, funding permitting)

23. Photo: Lake Cata. at Bayou Segnette

BULLET:

Scheduled in FY 2003 – Levee enlgmt contract award

### **Lake Cataouatche**

**Status:**

\* 4-mile levee enlargement award this FY

\* From Lake Cataouatche Pump Station to Segnette State Park.

24. Map: LaRose-GM, Pointe Au Chien

**Larose to Golden Meadow HPL**  
**Status:** 95% complete

25. Photo: Leon Theriot Floodgate (Golden Meadow Floodgate)  
**BULLET:** ERDC conducting model study of proposed lock

**Leon Theriot Floodgate**  
**Status:**  
\* PAC recommending conversion of lock to floodgate completed & submitted to MVD/HQUSACE for review  
\* A model study of proposed lock configuration being conducted by ERDC

26. Photo: aerial of fragmented land loss

Final topic:  
**Louisiana's coastal land loss**

27. LCA: 30/90% graphic

20<sup>th</sup> century lost: 1,875 square miles in the 20<sup>th</sup>  
Next 50 years lose: another 672 square miles (Delaware & Greater Washington D.C. area.)

28. LCA: Impacts/Stats on slide

Impacts: fisheries, oil and gas infrastructure, hurricane protection and port facilities.

29. Map: LCA Comprehensive Study area

Large disparity between the acres gained and trends of loss.  
Corps/feds/state - Louisiana Coastal Area, or LCA, study.

30. LCA Schedule

Congress for authorization under WRDA 04.

31. Graphic: LCA Key dates

Strategic actions and meetings

32. Photo: (aerial) N.O. CBD

Thanks to levee districts/partners/stakeholders.