

**La. Engineering Society
Cmts for Col. Rowan
Feb. 19, 2003**

SLIDE

1. **Title Slide** – Louisiana Engineering Society, New Orleans Chapter, date

2. **Mission** – Rotary Template #5

3. **Hurricane Protection** – Lake Pontchartrain, aerial of Jeff Parish lakefront at Causeway

BULLET:

Four active hp projects

Total 325 miles

Cost: \$1.4 billion

4. **SELA** Manifold at Claiborne & Napoleon
Adding 2,075 cfs capacity to East Bank Pump Stations
Improving seven major drainage lines
\$220 M authorized

5. **SELA** Elmwood, PS#3, Jeff Parish
Adding 4,800 cfs to East Bank stations
Improving 4 major canals
Adding 6,325 cfs capacity to West Bank stations
Improving 20 canals
\$400 M authorized

TEXT

- ◆ Four ongoing hpp studies
 - 1 to increase protection Cat. 5
- ◆ Current max. protection for Cat. 3

- ◆ Building 2 pump stations in Orleans Parish
- ◆ Adding capacity to a 3rd
- ◆ Fit 2 RTA busses

- ◆ Building 1 pump station in Jeff Parish
- ◆ Adding capacity to two others
- ◆ St. Tammany – doing a study
- ◆ \$705 M total project costs

6. **IHNC** – aerial, most recent, (Galvez St. Wharf is gone and so are the industries/businesses along the east bank)

BULLETS:

\$655 M total
(\$33 M mitigation)

- ◆ 82 years old; outdated
- ◆ 2002 began construction
- ◆ \$70 M into construction
- ◆ 6 Feb-\$5 M lock design contract award
- ◆ Critical to nation's commerce

7. **LCA** graphic - (40%/80% w/state/country)

Problem

8. LA contributions to nation

- ◆ 70% migratory waterfowl winter habitat.
- ◆ La. ports rank #1 in nation.
- ◆ Reduce storm surge; damage to hpl
- ◆ Unique culture

9. Graphic: timeline with color seals

- ◆ Unprecedented partnering commitment- collocated team
- ◆ Goal – WRDA 04

10. **Student opportunities**

Photo: NOD building

BULLET:

Engineers (civil, mechanical, electrical), biologists, archeologists, economists, accountants, attorney, architects, botanists, chemists and geologists

www.cpol.army.mil

www.usajobs.opm.gov

www.mvn.usace.army.mil

- ◆ STEP – students, 16 or older, various positions (Student Temporary Employment Program)
- ◆ SCEP – education-related work experience that can lead to permanent federal employment after graduation (Student Career Experience Program)