

# New Orleans District status update to the

# Association of Levee Boards of Louisiana

COL Stephen Murphy  
Commander, MVN  
9 December 2021

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# NEW ORLEANS DISTRICT UPDATE



## Overcoming Challenges

**11 Emergency Management Activations in 24 months**

**COVID-19/ Federal Vaccine Requirements**

**Comite River Diversion Construction**



**Full Time Employees 1,070 1,098**

**1,340 Contracting Actions**



**\$955M in Total**



## Delivering the Mission

**Mississippi River Ship Channel Deepening**

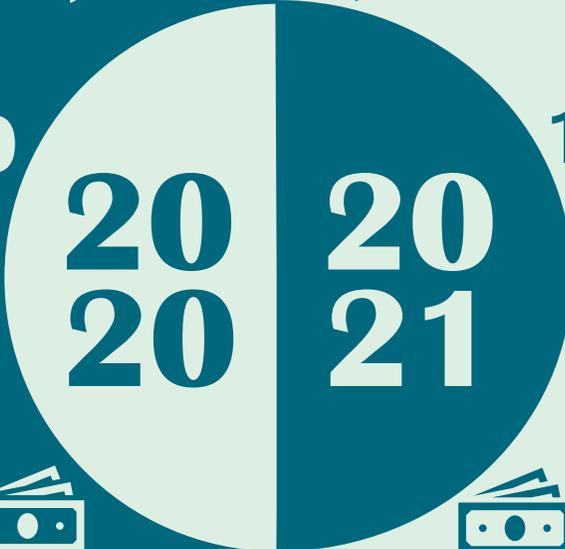
**Southeast La. Urban Flood Control (SELA)**

**HSDRRS Comprehensive Environmental Document**

**1,130 Contracting Actions**



**\$933M Obligations**



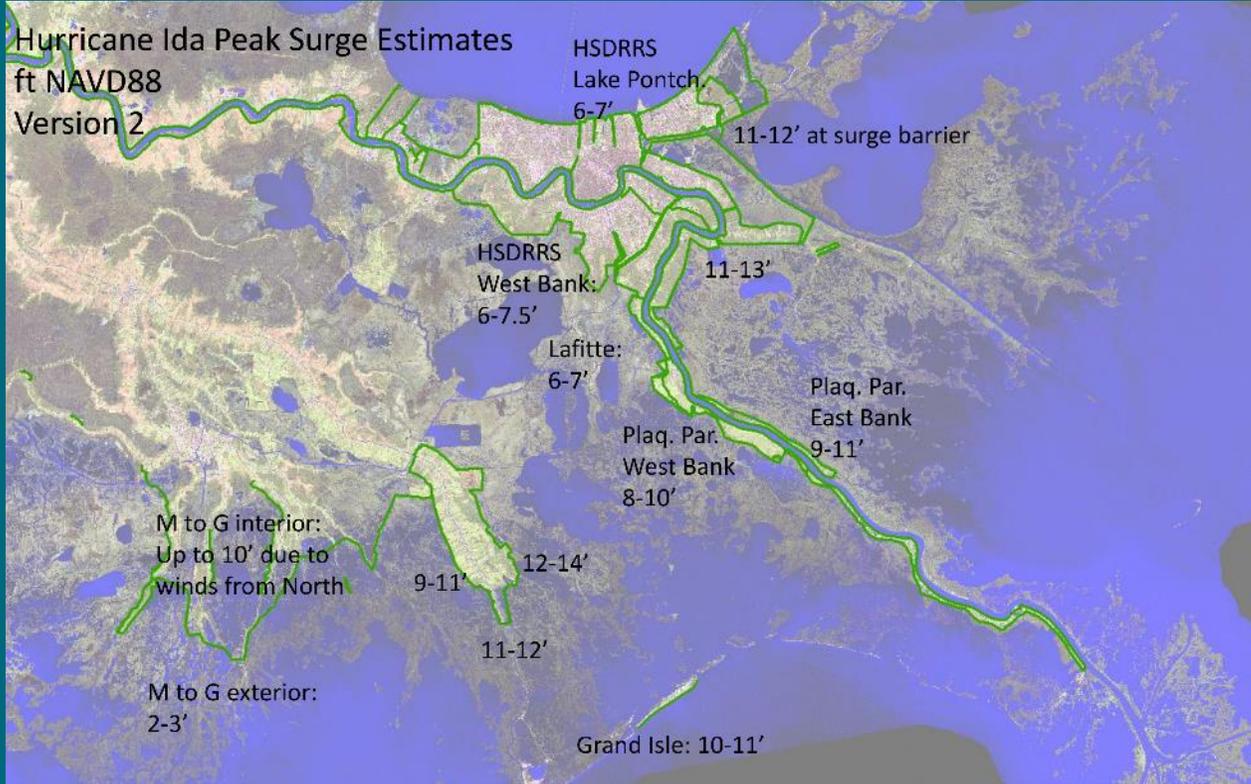


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# HURRICANE AND STORM DAMAGE RISK REDUCTION SYSTEM



Partners: Southeast La. Flood Protection Authorities- East & West and CPRA



**No federal levee system breached**

**No surge-related flooding in HSDRRS interior**

***LEVEE SYSTEMS PERFORMED AS DESIGNED***



# POST-IDA LEVEE SYSTEM DAMAGE ASSESSMENTS



Partners: SLPA-E&W, TLCD, SLLD and CPRA



- ❑ **10 areas evaluated including:**
  - **HSDRRS**
  - **Grand Isle**
  - **New Orleans to Venice**
  - **Larose to Golden Meadow**
  - **Morganza to the Gulf**
  - **Lafitte**
  
- ❑ **1,200 damage points assessed**

*31 August damage assessment flyover*



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# HURRICANE IDA RECOVERY UNWATERING



Partners: FEMA, CPRA, LA National Guard and US Navy



- Four areas assisted**
  - **Lafitte**
  - **Plaquemines NFL**
  - **Kraemer**
  - **St. Bernard**
- 21 engineered cuts opened and closed**
- 13 pumps installed**





# MORGANZA TO THE GULF



Partners: Terrebonne Levee & Conservation District and CPRA

- ❑ ***Congrats to TLCD and CPRA for recent HNC Lock groundbreaking!***
- ❑ **\$12.46M for federal work**
  - **Humble Canal Preload**
- ❑ **Anticipate PPA by EOY**
- ❑ **Promising outlook for additional federal engagement**





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# WEST SHORE LAKE PONTCHARTRAIN



Partners: Pontchartrain Levee District & Coastal Protection and CPRA



- ❑ **Groundbreaking on July 26**
- ❑ **Design Elevations Finalized**
- ❑ **Construction of Access Roads Underway**
- ❑ **Test Section Contract Awarded**
- ❑ **Scheduled Completion: DEC 2024**

***REDUCING RISK FOR MORE THAN 60,000 RESIDENTS***

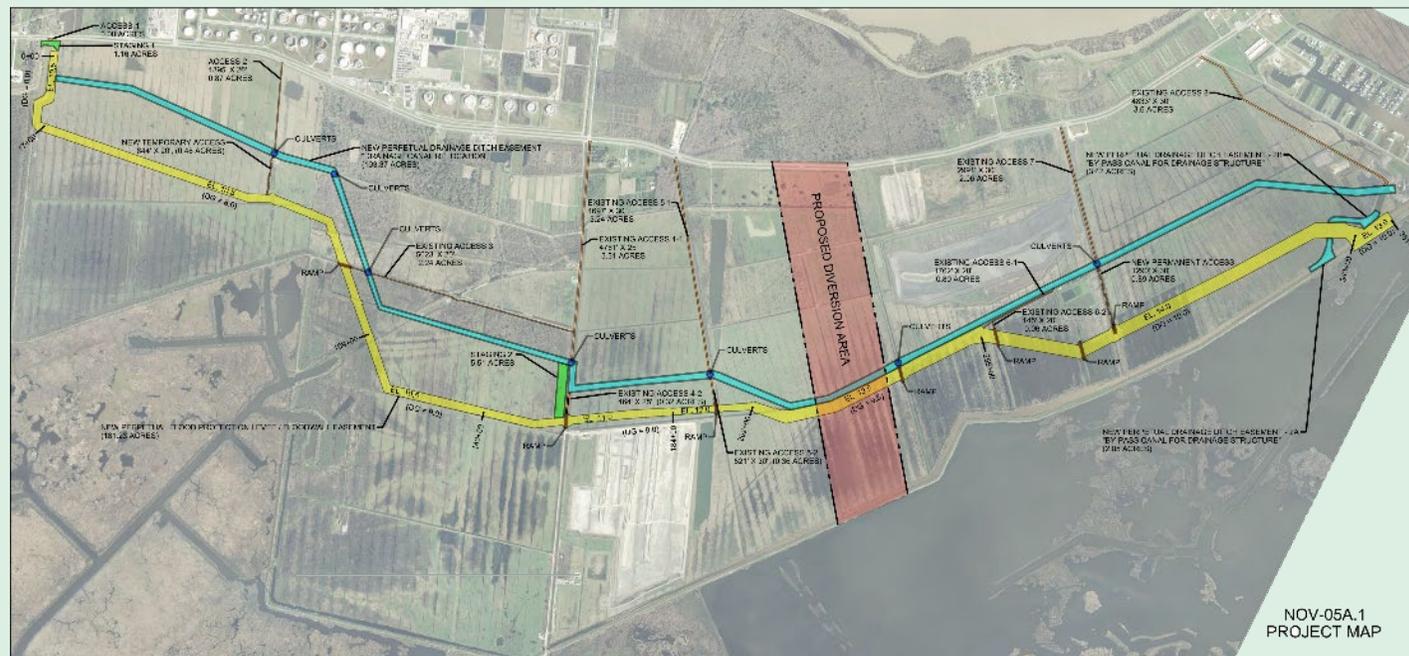


# NEW ORLEANS TO VENICE/NON-FEDERAL LEVEES



Partners: Vicksburg District, Plaquemines Parish Gov't & CPRA

- ❑ Impacted by Hurricane Ida
- ❑ Final Major Construction Contract Awarded
  - La Reussite to Myrtle Grove





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# MISSISSIPPI RIVER AND TRIBUTARIES



Partners: SLFPA-E & W, PLD, SMLD, ABLD, LBLD



- Mississippi River Mainline Levee SEIS ROD signed

**Includes 92 projects in MVN AOR**

- \$18M in FY21 Work Plan (\$8M > traditional average)

- \$118M in BBA-18 and DRA-19 supplemental funding for 18 projects

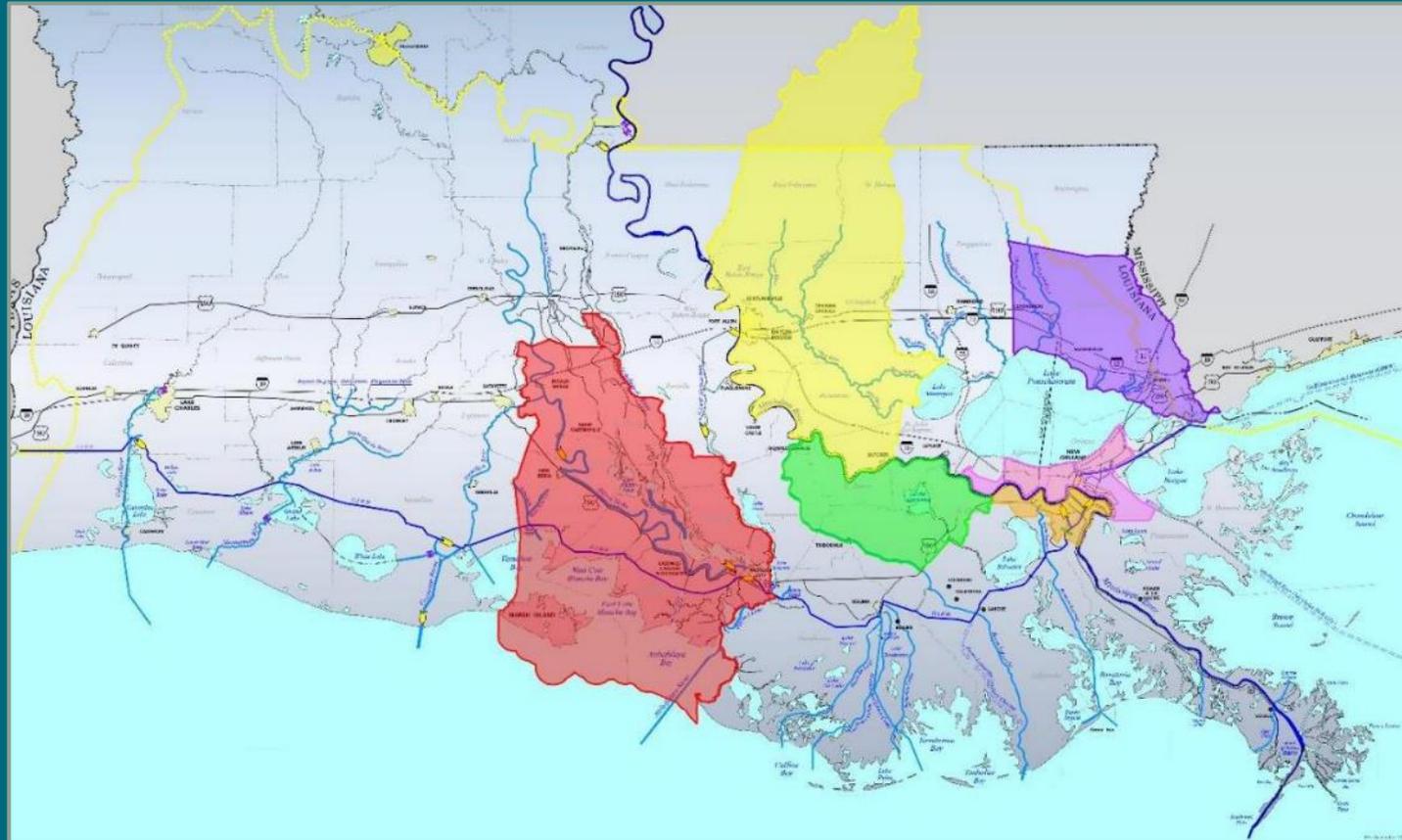


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# FLOOD RISK MANAGEMENT STUDIES



With La Dept. of Transportation and Coastal Protection & Restoration Authority



- South Central Coastal
- Amite River & Tributaries
- St. Tammany Parish
- Upper Barataria Basin
- LPV
- WBV

- 6 Flood Risk Management studies
  - Fully funded in BBA-18
- LPV & WBV GRRs
  - Identified investment of \$1.6B in federal interest



# LOWER MISS RIVER COMPREHENSIVE



Authorized study to evaluate river from Missouri to the Gulf of Mexico



Structural



Non-Structural



Navigation



Environment

- Authorized in WRDA 2020**
  - **\$25M five-year endeavor**
- Cape Girardeau, MO to the Gulf of Mexico (7 states)**
- Multi-purposed intent**
- Funding and identification of the non-federal sponsors required**



Water supply



Hydropower



Recreation



Other



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# NATIONAL LEVEE SAFETY PROGRAM



Undertaken in coordination with Federal Emergency Management Agency



## STAKEHOLDER FEEDBACK



### MAIN ACTIVITIES

- In-person stakeholder meetings across the U.S. and territories, leveraging locations with disadvantaged communities
- Virtual webinars
- Announcement in Federal Register

- ❑ Collaborative effort to align levee management and improve risk awareness
- ❑ Stakeholder meetings (Face to Face and Virtual) to be held
- ❑ How can USACE and FEMA better support you



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# Back Up



# POTENTIAL FOR ADDITIONAL FUNDING



Preparing for the future of reliable navigation and flood risk management

## FY 22 President's Budget (tentative)

- **Construction: \$15M**
- **MRT-I: \$350K**
- **MRT-C: \$9.7M**
- **MRT-M: \$122M**
- **O&M: \$358M**

**Work Plan Packages have been submitted**

## Hurricane Ida Supplemental

- **Investigations: \$100M**
- **Construction: \$3B**
- **MRT: \$868M**
- **O&M: \$887M**
- **FCCE: \$826M**

## Infrastructure Investment and Jobs Act

- **Investigations: \$150M**
- **Construction: \$11.6B**
- **MRT: \$808M**
- **Regulatory: \$160M**
- **FCCE: \$251M**
- **O&M: \$4B**



# MISSISSIPPI RIVER AND TRIBUTARIES



## Channel Improvement and Stabilization Program

- ❑ **Channel stabilization most critical in South LA**
- ❑ **Mat Sinking Unit in MVN AOR**
  - **1<sup>st</sup> time in more than a decade working the Atchafalaya Basin**
- ❑ **12,000,000<sup>th</sup> mat cast**

