

Coastal Outlook

ACEC LOUISIANA FALL CONFERENCE

BREN HAASE, CPRA CHAIRMAN



COASTAL PROTECTION AND RESTORATION AUTHORITY

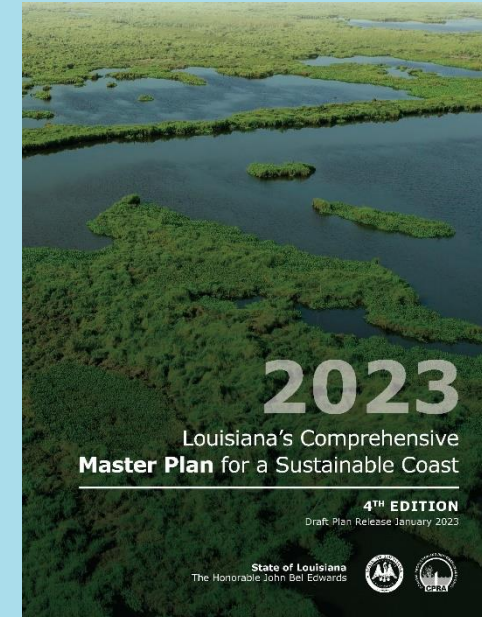
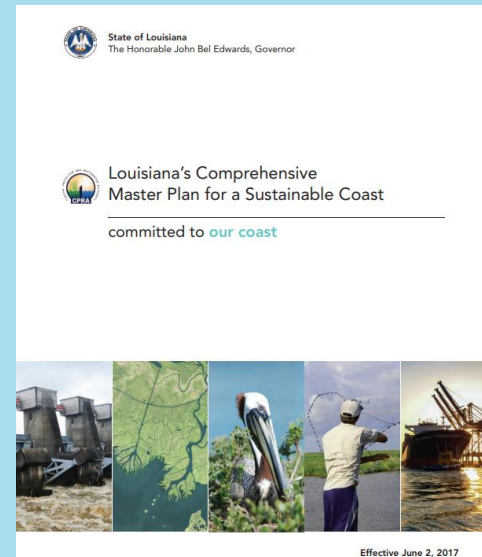
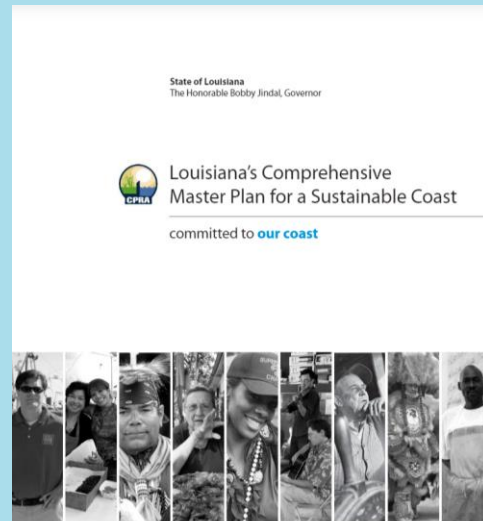
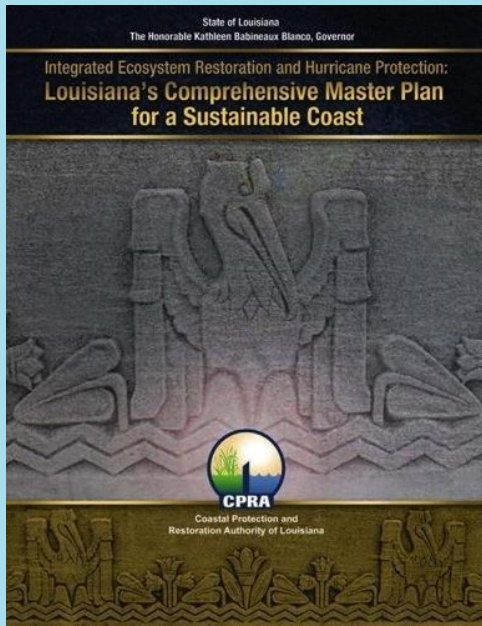
Single state entity with authority to articulate a clear statement of priorities to achieve comprehensive coastal protection for Louisiana.

Mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.



Louisiana's Comprehensive Master Plan for a Sustainable Coast

ARTICULATES AN INTEGRATED AND COMPREHENSIVE VISION FOR RESILIENCE, RESTORATION, AND PROTECTION IN COASTAL LOUISIANA



DEFINES A LIST OF PROJECTS

50-YEAR, \$50 BILLION BUDGET

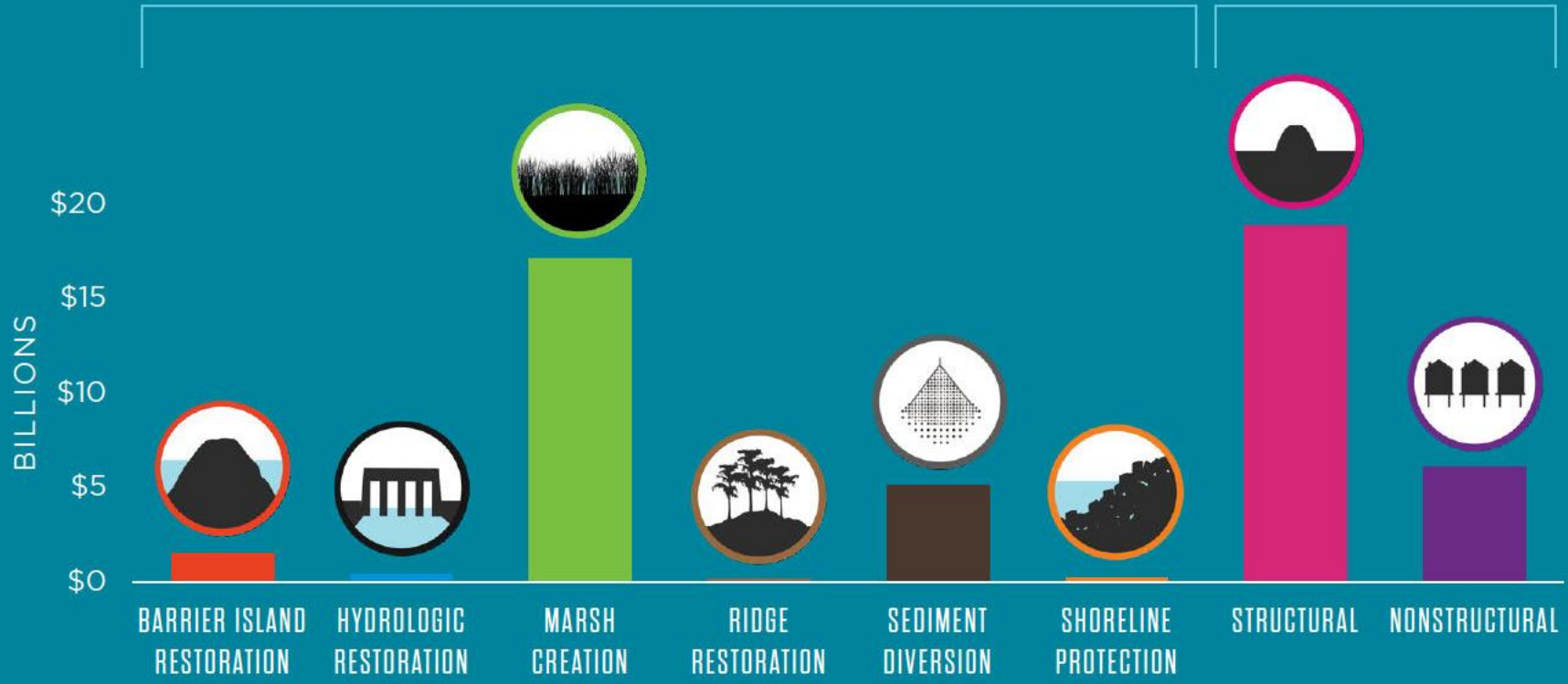
UPDATED EVERY 6 YEARS

COASTAL MASTER PLAN

\$25B RESTORATION

\$25B RISK REDUCTION

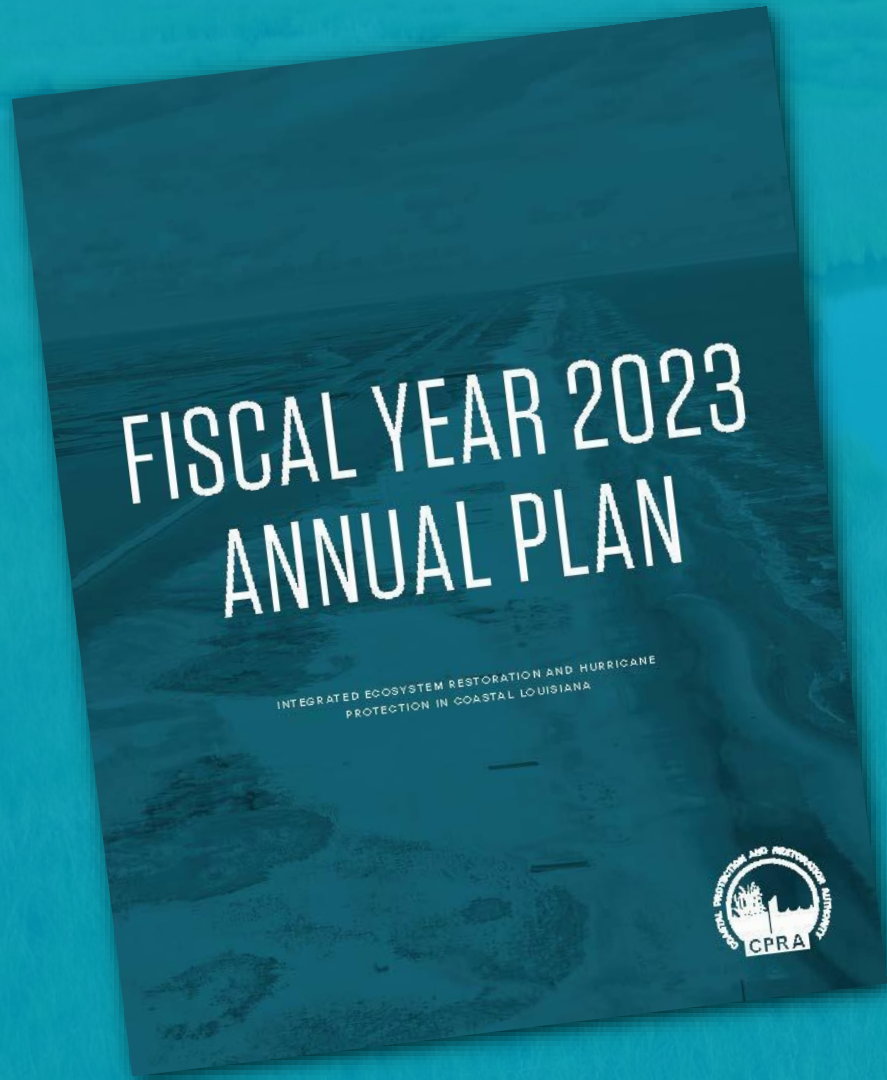
\$500B



TOTAL FUNDING

CPRA Annual Plan

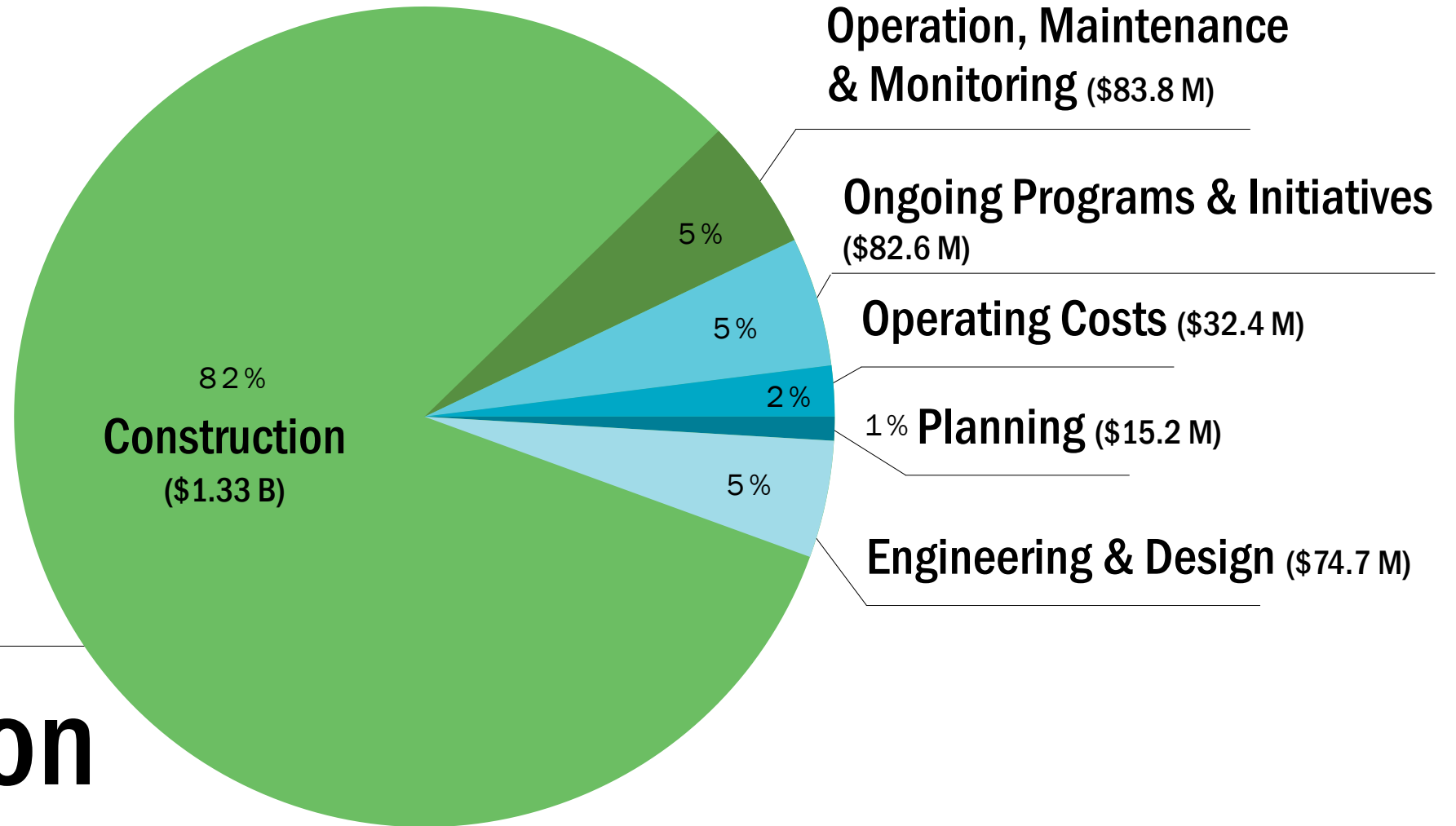
www.coastal.la.gov/our-plan/annual-plan



- Updated every year
- Serves as implementation vehicle for the Master Plan
- Provides a 3-year outlook on project funding, schedules and expenditures

Total Projected Expenditures FY 2024

BY PROJECT PHASE

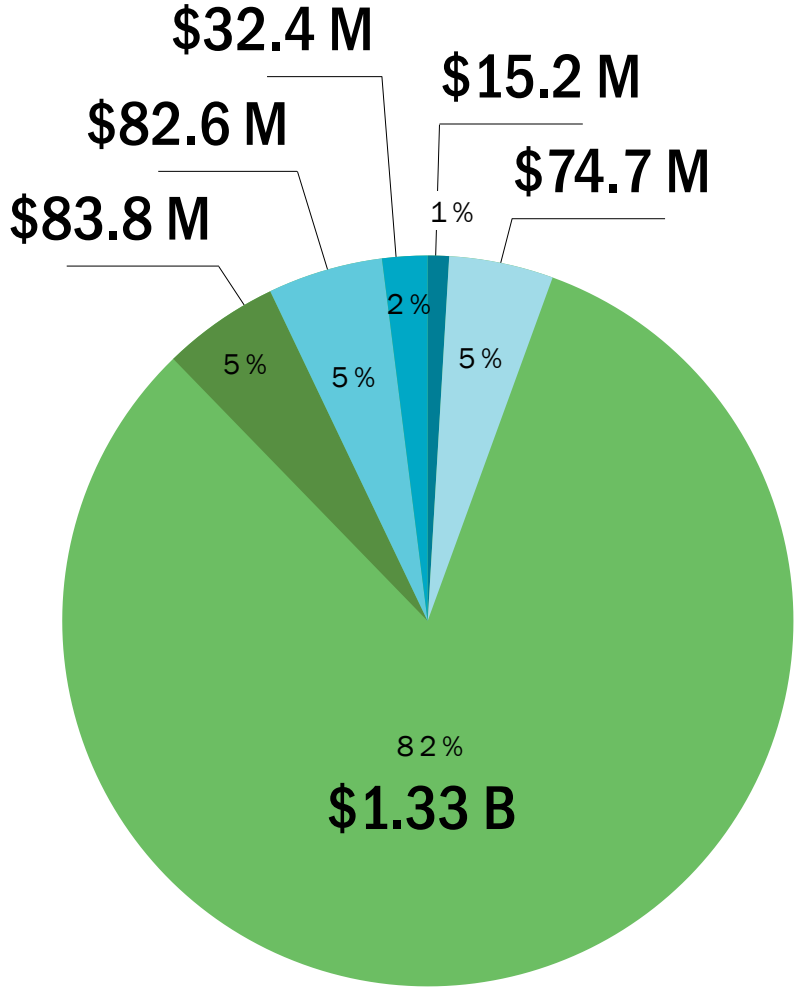


FY 2024 TOTAL EXPENDITURES

\$1.62 Billion

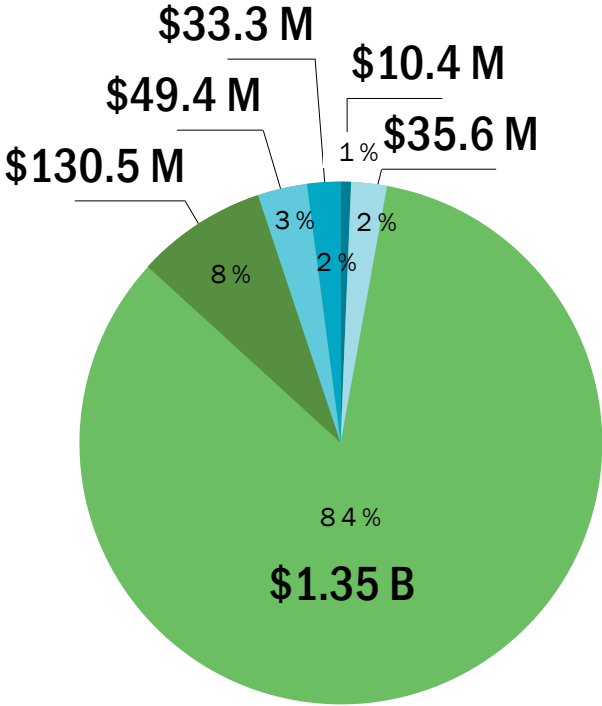
Total Projected Expenditures

BY PROJECT PHASE



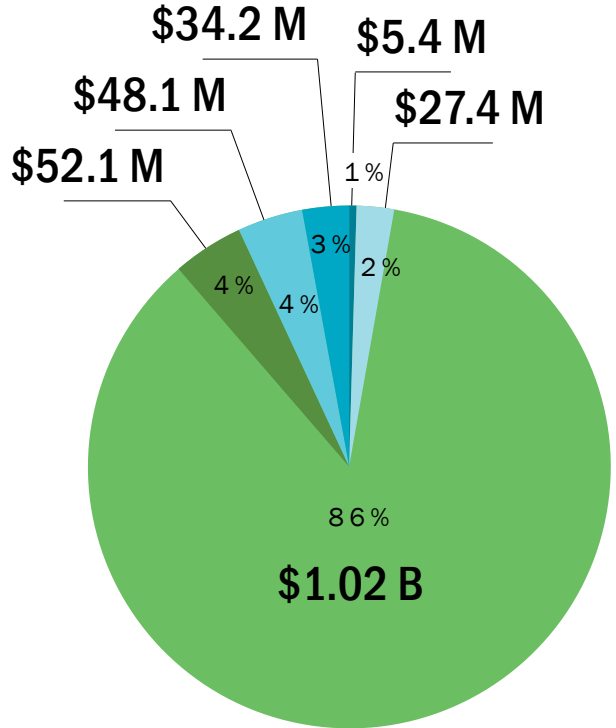
FY 2024 TOTAL EXPENDITURES

\$1.62 Billion



FY 2025 TOTAL EXPENDITURES

\$1.61 Billion



FY 2026 TOTAL EXPENDITURES

\$1.19 Billion

92.4% Project-Associated Expenditures ACROSS THE COAST

PLANNING

(TOTAL PROJECT VALUE)

9 projects, \$903 M

CONSTRUCTION

(TOTAL PROJECT VALUE)

**92 projects, \$11.2 B
88,344 acres benefited
112.6 miles of levee**

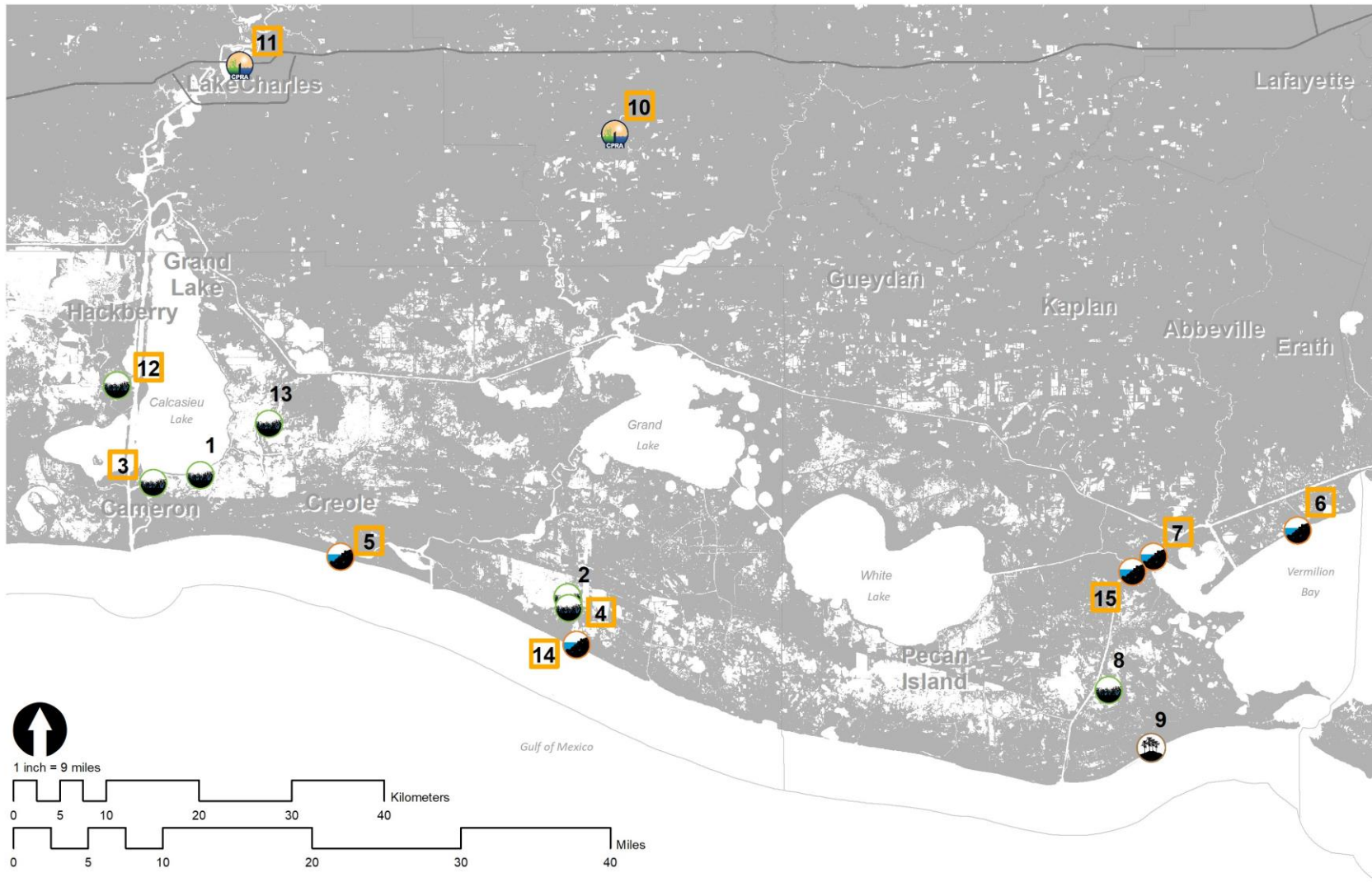
ENGINEERING & DESIGN

(TOTAL PROJECT VALUE)

**41 projects, \$2.39 B
191,273 acres benefited**

OM&M

**195 projects completed,
\$64.4 M**



PROJECTS IN CONSTRUCTION:

- 3 No Name Bayou Marsh Creation & Nourishment
- 4 South Grand Chenier Marsh Creation Project
- 5 Cameron Gulf Shoreline Protection
- 6 North Vermilion Bay Shoreline Protection
- 7 Freshwater Bayou Shoreline Protection
- 10 Southwest Coastal Louisiana
- 11 Lake Charles Science and Education Center
- 12 Long Point Bayou Marsh Creation
- 14 Rockefeller Shoreline Protection-RESTORE Parish Matching
- 15 Freshwater Bayou Canal Shoreline Protection

PROJECTS IN E&D:

- 1 East Cove Marsh Creation
- 2 South Grand Chenier Marsh Creation - Baker Tract
- 8 East Rainey Marsh Creation
- 9 Vermilion Parish Ridge Restoration and Shoreline Protection
- 13 Calcasieu-Sabine Large-Scale Marsh and Hydrologic Restoration

Southwest Region

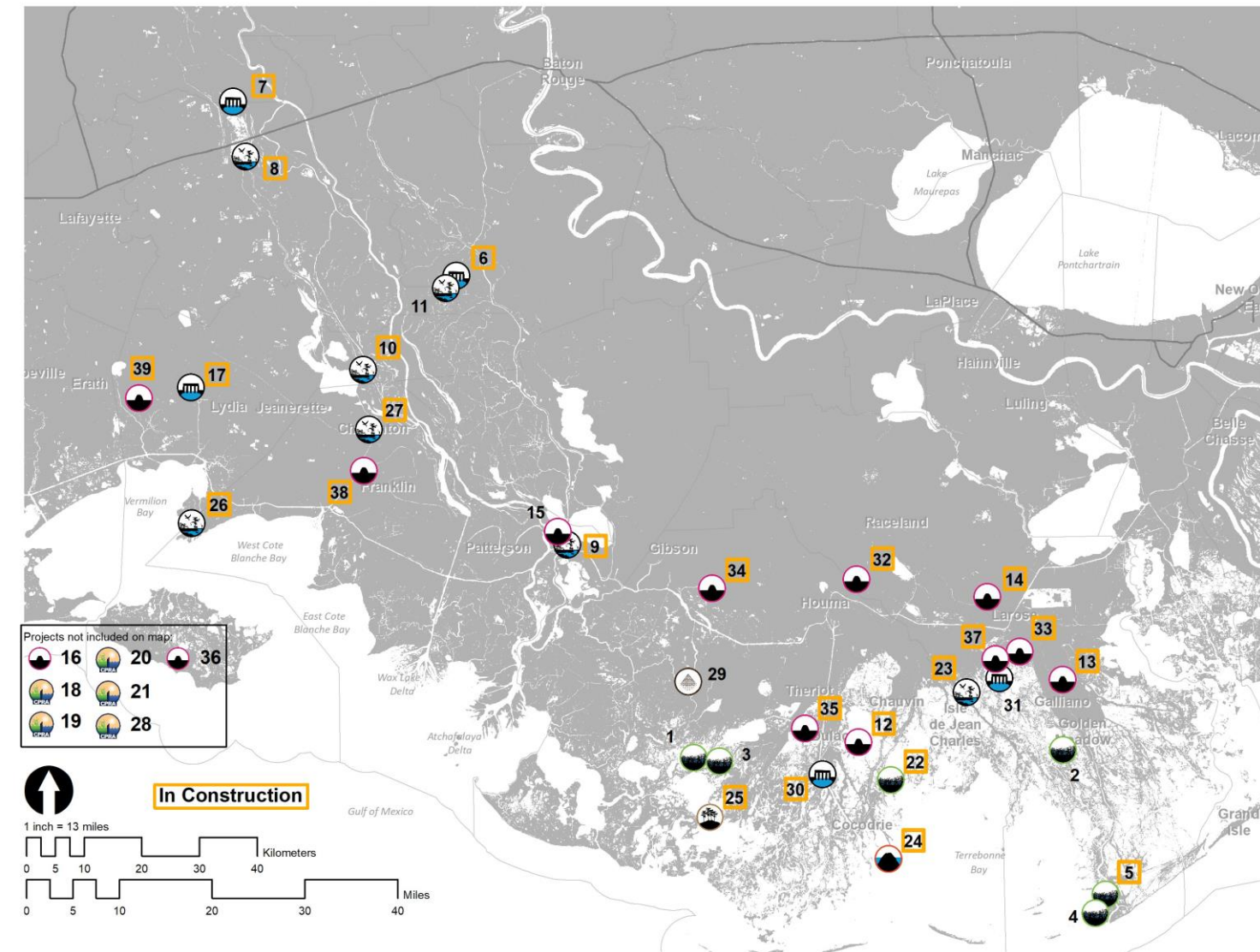
15 ACTIVE PROJECTS: 10 CONSTRUCTION, 5 E&D

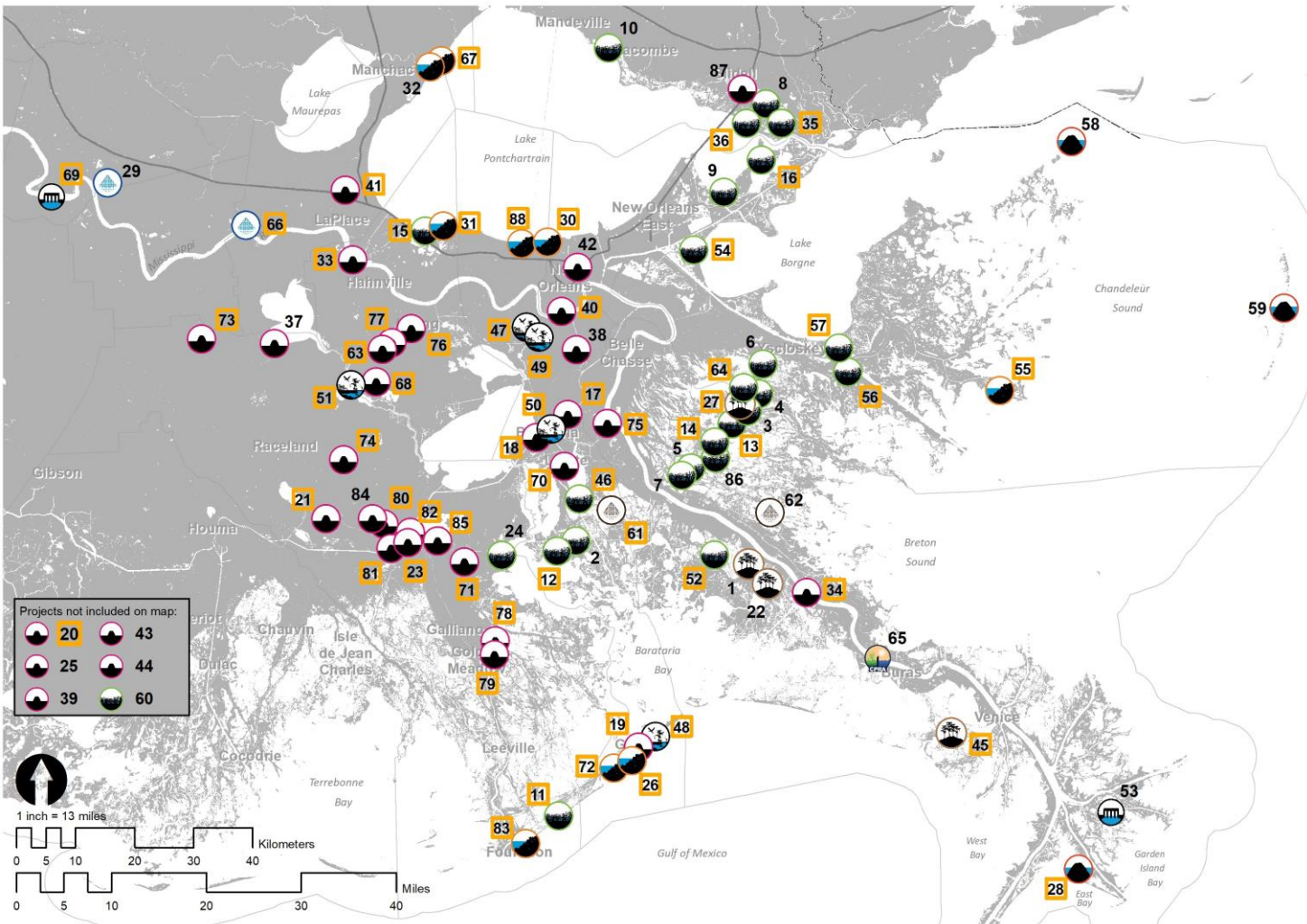
PROJECTS IN CONSTRUCTION:

- 5 West Fourchon Marsh Creation
- 6 East Grand Lake Upper Region
- 7 Henderson Lake Water Management Unit Spoil Bank Gapping
- 8 Boy Scouts of America Swamp Base Boat Launch
- 9 Cajun Coast Welcome Center Trail
- 10 Sandy Cove Boat Launch
- 12 Morganza to the Gulf
- 13 Larose to Golden Meadow System Improvements
- 14 North Lafourche Reach 2
- 17 Rodere Canal Water Control Structure
- 22 Terrebonne Basin Ridge and Marsh Creation- Bayou Terrebonne Increment
- 23 Pointe-aux-Chenes WMA Enhancement
- 24 Terrebonne HNC Island Restoration
- 25 Bayou Dularge Ridge and Marsh Creation
- 26 Cypremort Point State Park Improvements
- 27 Chitimacha Boat Launch
- 30 Houma Navigation Canal Lock Complex
- 32 Hollywood Canal Closure Structure
- 33 Reach L Mitigation
- 34 Elliot Jones Pump Station
- 35 MTG Reach E Levee Lift
- 37 Grand Bayou Pump Station
- 38 Yokley Levee Extension
- 39 Jefferson Canal Flap Gate

South Central Region

39 ACTIVE PROJECTS: 24 CONSTRUCTION, 11 E&D, 4 PLANNING





PROJECTS IN CONSTRUCTION:

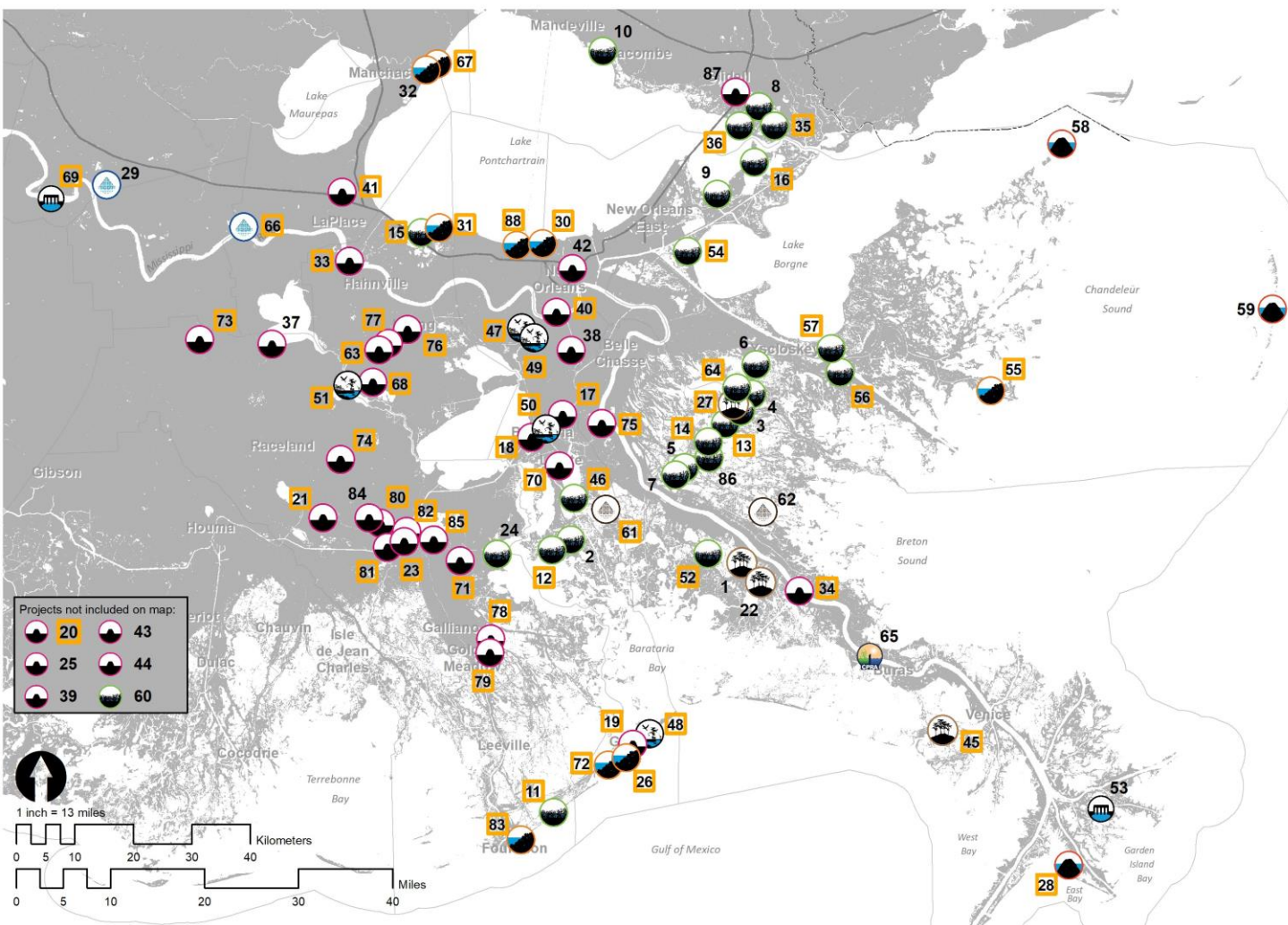
- 11 Caminada Headland Back Barrier Marsh Creation
- 12 Northeast Turtle Bay Marsh Creation and Critical Areas Shoreline Protection
- 13 Mid Breton Land Bridge Marsh Creation & Terracing
- 14 Breton Landbridge Marsh Creation (West)
- 15 LaBranche East Marsh Creation
- 16 New Orleans Landbridge Shoreline Stabilization & Marsh Creation
- 17 Rosethorne Tidal Protection
- 18 Paillet Basin Tidal Protection
- 19 Grand Isle Back Levee
- 20 Plaquemines Parish Drainage Improvements
- 21 Lockport to Larose Reach B1
- 23 Ted Gisclair Lock Structure
- 26 Grand Isle Breakwaters
- 27 Bayou Terre Aux Boeuf Ridge Restoration Phase III
- 28 South Pass Bird Island Project
- 30 Jefferson Parish Bucktown Living Shoreline Project
- 31 LaBranche Shoreline Protection Project
- 33 Montz Pump Station
- 34 New Orleans to Venice
- 35 New Orleans to Venice Mitigation - Plaquemines Non-Federal
- 36 New Orleans to Venice Mitigation - Federal
- 40 SELA- Overall
- 41 West Shore-Lake Pontchartrain, Louisiana Hurricane Protection
- 45 Barataria Basin Ridge and Marsh Restoration- Spanish Pass Increment
- 46 Large-Scale Barataria Marsh Creation
- 47 Bayou Segnette State Park Improvements
- 48 Grand Isle State Park Improvements
- 49 WHARF Phase 1

Southeast Region

88 ACTIVE PROJECTS: 58 CONSTRUCTION, 25 E&D, 5 PLANNING

PROJECTS IN CONSTRUCTION (CONTINUED):

- 50 Louisiana Wetlands Education Center
- 51 Des Allemands Boat Launch
- 52 Grande Cheniere Ridge Marsh Creation
- 54 Golden Triangle Marsh Creation
- 55 Biloxi Marsh Living Shoreline Project
- 56 Bayou LaLoutre Ridge Restoration and Marsh Creation
- 57 Lake Borgne Marsh Creation- Increment 1
- 61 Mid-Barataria Sediment Diversion
- 63 Paradis Canal Gate
- 64 Lake Lery Marsh Creation (Phase 2)
- 66 River Reintroduction into Maurepas Swamp
- 67 Manchac Landbridge (Rock Breakwater) Shoreline Protection
- 68 Sunset Levee Upper Barataria Risk Reduction (UBRR)
- 69 Pumping Capacity Improvements Phase 1
- 70 Goose Bayou (Penn Levee)
- 71 Storm Surge Risk Reduction for Reach E-North (SLLD)
- 72 Grand Isle Bayside Segmented Breakwaters (Phase IV)
- 73 Zeller Larousse Phase II Levee Improvements
- 74 Levee Improvements for Gheens Community Phase 2
- 75 100-yr Levee Lift; NOV-NF-W-4, Oakville to LaReusitte and MRL 179
- 76 T-Wall Kellogg Pump Station
- 77 Magnolia Ridge Levee Pipeline T-Wall
- 78 Section D Storm Surge Risk Reduction
- 79 Floodwall Improvement for Section D-South at Crawfish Farm
- 80 Ludevine Pump Station
- 81 Larose Floodwall
- 82 Section F Berm Improvement
- 83 Port Fourchon Shoreline Protection
- 85 Reach F South Improvements
- 88 Jefferson Parish Lakefront Shoreline Protection



Southeast Region

88 ACTIVE PROJECTS: 58 CONSTRUCTION,
25 E&D, 5 PLANNING



Long Point Bayou Marsh Creation

Cameron Parish





Confined Disposal Marsh
Creation & Nourishment



Project Boundary

- First project designed by CPRA, but bid and constructed by the USACE
- First project with E&D funded through CWPPRA and construction funded by State and Federal NRDA Trustees using non-Deepwater Horizon NRDA oil spill settlement funds



Long Point Bayou Marsh Creation

Cameron Parish





Long Point Bayou Marsh Creation

Cameron Parish

INDEPENDENT
LAND SERVICES LLC
A Professional Land Services Company

intertek
psi

FENSTERMAKER

OIL
LAND SERVICES

ENCOS

CE HYDRO, LLC

R. CHRISTOPHER
GOODWIN
& ASSOCIATES, INC.

DEAN

MIKE HOOKS
LLC

MORRISON SURVEYING
MSI

STATE OF LOUISIANA
OIL SPILL COORDINATOR'S OFFICE
DEPARTMENT OF PUBLIC SAFETY

US Army Corps
of Engineers
New Orleans District

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY



BILOXI MARSH LIVING SHORELINE

St. Bernard Parish



BILOXI MARSH LIVING SHORELINE

St. Bernard Parish

11 MILES

artificial reef breakwater

\$66.6M

for Construction, O&M, Monitoring



Funded by:
NRDA



BILOXI MARSH LIVING SHORELINE

St. Bernard Parish



BILOXI MARSH LIVING SHORELINE

St. Bernard Parish

94 JOBS
*NOT INCLUDING
GOVERNMENT WORKERS*



MID-BARATARIA SEDIMENT DIVERSION - *Groundbreaking Ceremony*





Spring 2023 SHORES Fly-in

Contracting Update

Primary Contract Types

Professional services

Consulting services

Construction

Professional Services

Engineering, Geotechnical, Surveying Services

- All data collection efforts (surveying, geotechnical) contracted through IDIQ Task Orders
- Most engineering/design related work contracted through IDIQ Task Orders
- Large-scale design efforts may involve project-specific solicitations and contracts (i.e., diversion design contracts)

Professional Services

Engineering, Geotechnical, Surveying Services

- Typically acquired through Request for Solicitation of Interest and Qualifications (RSIQ)/Request for Qualifications (RFQ)
- Can be awarded to one or more firms
- May be project-specific or for Indefinite Delivery / Indefinite Quantity (IDIQ) contracts.
- 3-year term max

Professional Services IDIQ Contracts

Current IDIQ Quantity and Value (Jan. 2023 – Dec. 2025)

- 21 Engineering Contracts
 - 10 General Engineering Services (\$2M)
 - 5 Coastal Engineering Services (\$2M)
 - 6 Limited Engineering Services (\$1M)
- 7 Geotechnical Services (\$1.5M)
- 8 Surveying (\$1M)
- Next Solicitation: Mid 2025

Professional Services IDIQ Contracts

Summary of Current Usage (since January 2023):

- Engineering Services (General, Coastal, Limited):
 - Total Contract Value - \$49,000,000
 - Total Amount Tasked - \$12,191,604
 - Capacity Used – 25%
- Geotechnical Services:
 - Total Contract Value - \$10,500,000
 - Total Amount Tasked - \$1,158,329
 - Capacity Used – 11%
- Surveying:
 - Total Contract Value - \$9,000,000
 - Total Amount Tasked - \$3,089,877
 - Capacity Used – 34%

Consulting Services

Environmental, Science, Planning

- Project Specific or Indefinite Delivery/Indefinite Quantity (IDIQ)
- Acquired through Request for Proposals (RFP); includes cost as a factor in the scoring of a proposal
- 3-year term, 3 year solicitation schedule (some have staggered start and end dates)

Consulting Services IDIQ Contracts

Environmental, Science, Planning

- 9 current IDIQ contracts
- Contract Value: \$3M each
- Term: Summer 2022 – Summer 2025
- Next Solicitation: Late 2024/Early 2025
- Summary of Current Usage:
 - Total Contract Value - \$27,000,000
 - Total Amount Tasked - \$5,853,641
 - Capacity Used – 22%

Construction Services

- Governed by Title 38, Public Bid Law
- Cost-based bid
- Base Bid plus a maximum of three Alternate Bid Items
- Publically advertised and let to the lowest responsible and responsive bidder.

CPRA Construction Cost/Bid Trends



CPRA Construction Cost/Bid Trends



CPRA Construction Cost/Bid Trends

CPRA Actions:

- Reduce project footprint/eliminate project features/value engineering
- Seek additional funds
- Alternate Bid Items (optional award)
- Reject bids
- Identify/Mitigate Risks

How to Find Solicitations and Bids

CPRA HOMEPAGE: <https://coastal.la.gov/>



How to Find Solicitations and Bids



COASTAL PROTECTION AND RESTORATION AUTHORITY

CONNECT WITH US!

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