# U.S. ARMY CORPS OF ENGINEERS ROCK ISLAND DISTRICT

# 2023 SAME ROCK ISLAND POST SMALL BUSINESS INDUSTRY DAY

22 March 2023









# **Rock Island District**

5 River Basins | 5 States | 900+ Professionals Serving Our Nation Since 1866

eliver vital engineering and water resources solutions in collaboration with our partners to secure our Nation, reduce disaster risk and enhance quality of life, providing value to the region and Nation.

1850

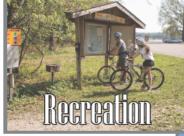
97

38

10

5

16.8 M



Campsites Recreation Sites Boat Ramps Swimming Beaches Visitor Centers

Annual Visitation

Flood Fight Supplies Provided to the Nation

5 M Standard Sandbags 5,000 Large (airlift) Sandbags 15.6 Miles HESCO Barriers 100 Rolls Polyethylene Sheeting Portable Pumps



Environmental Stewardship

Upper Mississippi River Restoration Program Efforts

Projects Underway Completed to Date >119,000 Acres Restored to Date \$55 M Annual Budget

Navigation

Lock & Dam Sites Miles of Navigation 396 M Tonnage Locked >\$1 B Annual Cost Benefit







146 Levee Drainage Systems >900 Miles of Levees

Flood Risk Management Reservoirs 2 (dry) Illinois (Farmdale & Fondulac) 3 (wet) Iowa (Saylorville Lake, Coralville Lake & Lake Red Rock) >\$17 B Flood Damages Prevented

**BUILDING STRONG**® **Upon the ROCK!** 

#### **Engineering & Construction** Roger Perk, P.E.

Headquarters

Locks and Dams

Visitor Center

Campground

Project Office

Rock Island District

Navigable Waterway

Des Moines River Basin

Iowa River

Basin

IOWA

Resource Management Celeste Iversen

> Real Estate Paul St. Louis

#### Operations

Thomas Heinold, P.E.

Scott Harris

Regulatory Ward Lenz Contracting

#### **National Centers**

Ilinois River Basin

**ILLINOIS** 

WISCONSIN

Rock Island

Fox River

**Inland Navigation Design Center** Lenna Hawkins, P.E.

Mississippi

River Basin

CORALVILLE LAKE

National Flood Fight Materials Center Sarah Jones

Col. Jesse. T. Curry Deputy District Engineer/ PPMD Chief Kimberly Thomas, P.E.

**Deputy Commander** 

Lt. Col. John Fernas

Commander & District Engineer

https://www.mvr.usace.army.mil



## **FY23 FUNDING**



#### Rock Island District FY23 Appropriations - \$349M

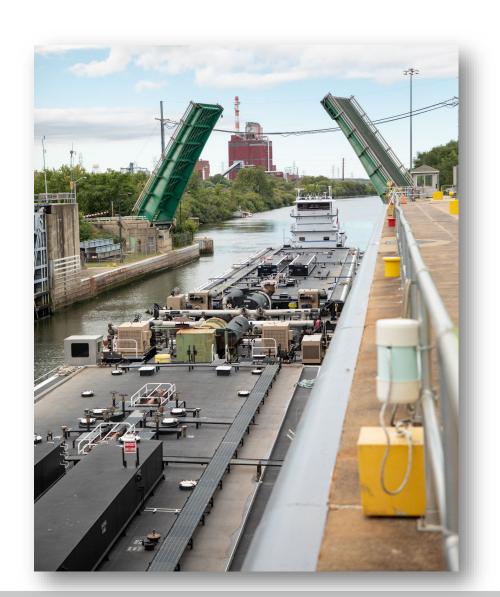
### INVESTIGATIONS - \$0M

#### CONSTRUCTION - \$170.6M

- ➤ NESP \$67.7M
- ➤ UMRR \$55M
- > BRIP \$47.9M

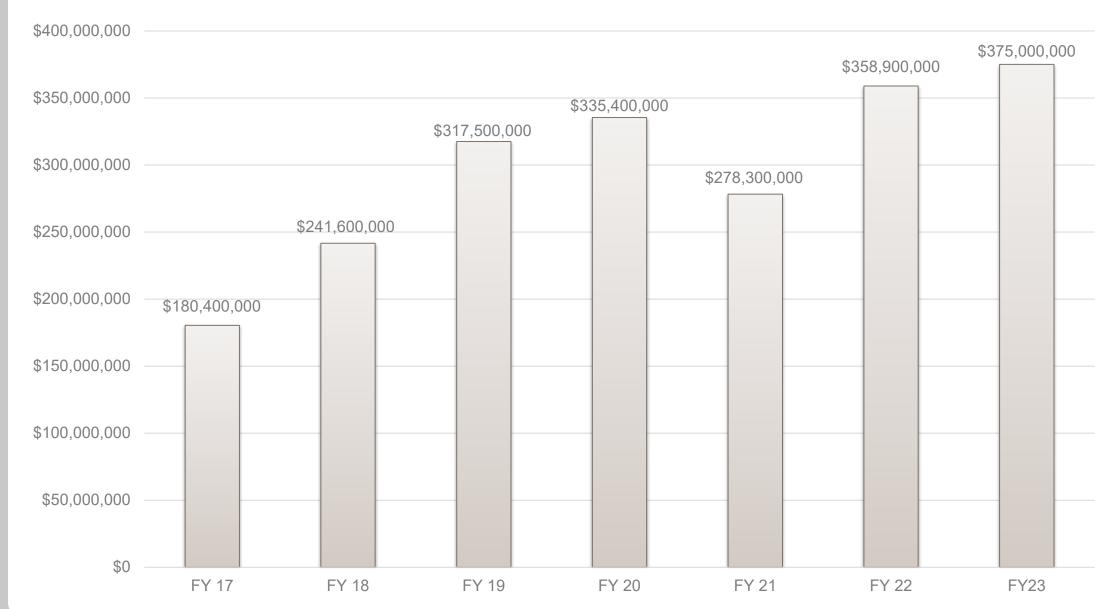
#### OPERATIONS & MAINTENANCE - \$178.3M

- Mississippi River \$74.530M
- Illinois Waterway \$75.564M
- ➤ Saylorville Lake \$12.306M
- ➤ Lake Red Rock \$9.234M
- ➤ Coralville Lake \$5.244M
- > Farm Creek \$709K
- ➤ Davenport Small Boat Harbor \$750k



### **ROCK ISLAND DISTRICT FUNDING TRENDS**







# **UPPER MISSISSIPPI RIVER RESTORATION (UMRR)**



### **Design/Construction Underway**

- Steamboat Island
- Beaver Island
- ➤ Keithsburg Division

### **Feasibility Underway**

- ➤ Lower Pool 13
- Green Island
- ➤ Pool 12 Forestry
- Quincy Bay
- Lower Pool 13
  Phase II



Program website:

https://www.mvr.usace.army.mil/Missions/Environmental-Stewardship/Upper-Mississippi-River-Restoration/



# **OPERATIONS & MAINTENANCE – MISSISSIPPI RIVER**



## Mississippi River Project (ongoing)

- Sheetpile Repair
- Valve Replacement
- Kevel Rail Replacement
- Lock Guidewall Work
- Dam Gate Fabrication
- Electrical & Controls Work
- Crane Supply
- Dredging





# **OPERATIONS & MAINTENANCE – ILLINOIS WATERWAY**



## **Illinois Waterway Project**

- 2023 Closures Work (ongoing)
- Dam Operating Equipment
- Electrical & Controls Work
- Concrete Pier & Gate & Machinery Replacement
- Gate Fabrication
- Dredging





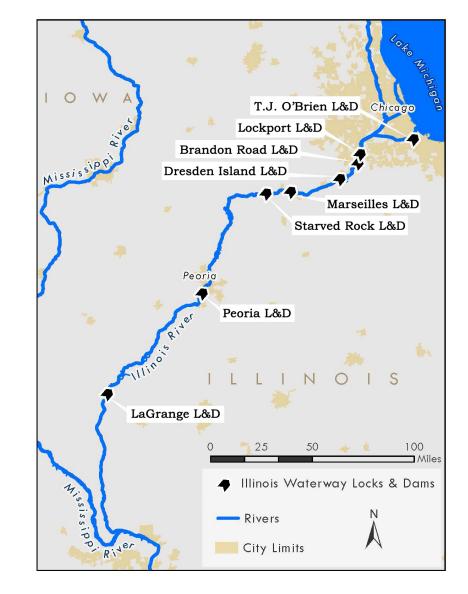


# **ILLINOIS WATERWAY CONSOLIDATED CLOSURES**



#### **2023**

- Brandon Road Lock and Dam Upper Miter Gate Installation & Machinery Replacement
  - Full closure scheduled 120 days (June 1-Sept. 30, 2023)
  - (construction contract awarded in 2021)
- Dresden Island Lock and Dam Upper Miter Gate Installation, Valve Replacement, Machinery Replacement, and Electrical System Replacement
  - Full closure scheduled 120 days (June 1-Sept. 30, 2023)
  - (construction contract awarded in 2021)
- Marseilles Lock and Dam Electrical Crossover Replacement
  - Full closure scheduled 120 days (June 1-Sept. 30, 2023)
  - (supply contract only, to be awarded spring 2023)



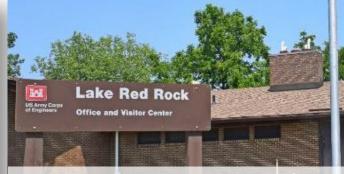
Project website: https://www.mvr.usace.army.mil/Missions/Navigation/Navigation-Status/



# OPERATIONS & MAINTENANCE – FLOOD RISK MANAGEMENT LAKES









#### Lake Red Rock (\$14.5M BIL)

- Construction of New Project Office and Visitor Center
- Replace Damaged Roofs
- Water Infrastructure Updates
- Shoreline Erosion and Parking Lot Repairs





### Coralville Lake (\$2.6M BIL)

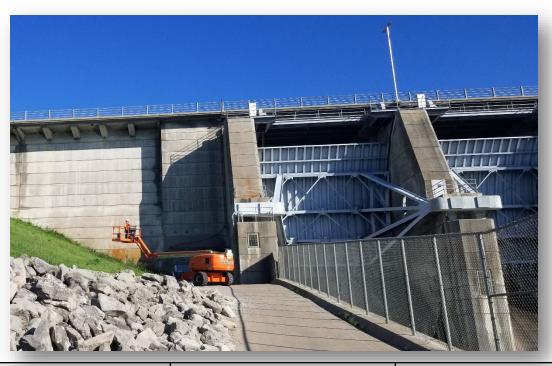
- Shoreline Erosion Repairs
- Road Repair
- Address Damaged Restrooms and Shower Buildings
- Control Tower Maintenance
- Sandblast/Paint Water Tower
- Ranger & Admin Building renovations

# U.S. ARMY

# **RESERVOIR**







| Project                                                                          | Location               | Anticipated Advertisement | Estimated Range |
|----------------------------------------------------------------------------------|------------------------|---------------------------|-----------------|
| DB - Saylorville Lake Admin and Maintenance BLDG and Lake Red Rock Admin/VC BLDG | Johnston and Pella, IA | 2 <sup>nd</sup> Qtr FY23  | \$25M+          |
| DB – Coralville Lake Ranger and Admin BLDG                                       | Coralville, IA         | 3 <sup>rd</sup> Qtr FY23  | \$1M-\$5M       |
| Saylorville Barrier Dam Sluice Gate Repair                                       | Johnston, IA           | 3 <sup>rd</sup> Qtr FY23  | \$1M-\$5M       |
| Saylorville Control Tower – Sluice Gate Fabrication and Mechanical Rehab System  | Johnston, IA           | 3 <sup>rd</sup> Qtr FY23  | \$5M-\$10M      |



## PL 84-99 REHABILITATION STATUS



Design Phase: 1

Solicitation/Contract Negotiation: 0

Contract Award/In Construction: 5

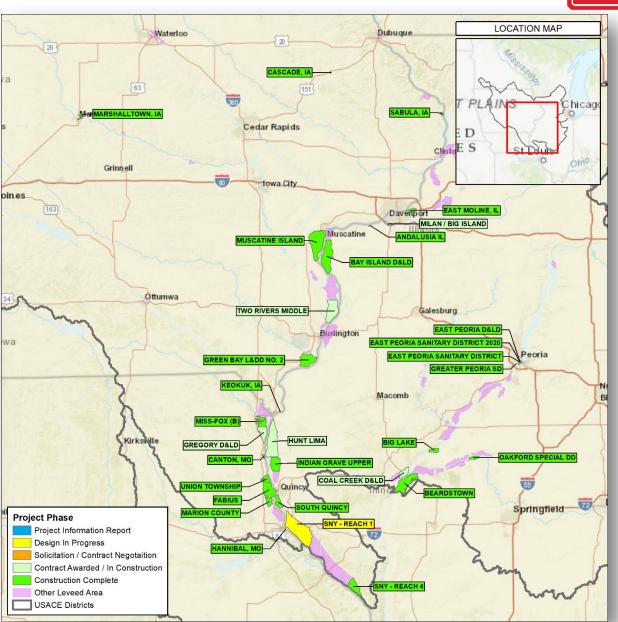
Complete: 25

**Total Projects: 31** 



Program website:

https://www.mvr.usace.army.mil/Missions/Flood-Risk-Management/Levee-Safety-Program/Public-Law-84-99-Program/





# **FLOOD RISK MANAGEMENT**







| Project                              | Location    | Anticipated<br>Advertisement | Estimated Range |
|--------------------------------------|-------------|------------------------------|-----------------|
| Sny Island – Pigeon Creek (PL84-99)  | Hull, IL    | 3 <sup>rd</sup> Qtr FY23     | \$250-500K      |
| Dubuque Forced Sewer Main CAP Sec 14 | Dubuque, IA | 2 <sup>nd</sup> Qtr FY24     | \$1M-\$5M       |



# **NAVIGATION & STRUCTURAL**







| Project                                                 | Location           | Advertisement            | Estimated Range |
|---------------------------------------------------------|--------------------|--------------------------|-----------------|
| Lock 13 Filling and Emptying Valves                     | Fulton, IL         | 3 <sup>rd</sup> Qtr FY23 | \$1M-\$5M       |
| Lock 17 Upper Guide wall Sheet Pile Transition Repair   | New Boston, IL     | 3 <sup>rd</sup> Qtr FY23 | \$1M-\$5M       |
| Marseilles Electrical System                            | Marseilles, IL     | 3 <sup>rd</sup> Qtr FY23 | \$10M-\$25M     |
| Brandon Rd Dam Piers, Gate Machinery, Gates             | Will County, IL    | 3 <sup>rd</sup> Qtr FY23 | \$10M-\$25M     |
| Starved Rock Tainter Gate Fabrication                   | LaSalle County, IL | 3 <sup>rd</sup> Qtr FY23 | \$1M-\$5M       |
| Peoria PLC System                                       | Peoria, IL         | TBD                      | \$250-\$500K    |
| Peoria Lock & Dam - Repair Roads/Parking and Boat Ramps | Peoria, IL         | TBD                      | \$1M-\$5M       |



# **CIVIL, CHANNEL & ECOSYSTEM RESTORATION**







| Project                            | Location    | Anticipated<br>Advertisement | Estimated Range |
|------------------------------------|-------------|------------------------------|-----------------|
| UMRR Steamboat Island Stage 2 HREP | Clinton, IA | 1st Qtr FY24                 | \$1M-\$5M       |



# BUILDING RENOVATIONS – 88<sup>TH</sup> RD & OTHERS







| Project                                                                           | Location               | Anticipated Advertisement | Estimated Range |
|-----------------------------------------------------------------------------------|------------------------|---------------------------|-----------------|
| 88 <sup>th</sup> RD - Construct Unheated Storage Building                         | Ft. Sheridan, IL       | 2nd Qtr FY23              | \$1M-\$5M       |
| 88th RD - Repair HVAC & Electrical Systems, ARC Building                          | Inkster, MI            | 3rd Qtr FY23              | \$1M-\$5M       |
| 88th RD - Upgrade & Repair HVAC and Electrical Systems, Bldg. 506                 | Ft. Snelling, MN       | 3rd Qtr FY23              | \$1M-\$5M       |
| 88 <sup>th</sup> RD - Repair Storm Drainage and Erosion                           | Muskegon, MI           | 3rd Qtr FY23              | \$1M-\$5M       |
| 88 <sup>th</sup> RD - Repair HVAC and Remediation, Building 705                   | Ft. Sheridan, IL       | 4th Qtr FY23              | \$1M-\$5M       |
|                                                                                   |                        |                           |                 |
| Clock Tower Third Floor Renovations                                               | Rock Island, IL        | 1st Qtr FY24              | \$1M-\$5M       |
| Detroit Area Office – Building 404 Renovation                                     | Detroit, MI            | 2nd Qtr FY24              | \$1M-\$5M       |
| DB – Red Rock Admin Bldg/Visitor Center & Saylorville Admin and Maintenance Bldgs | Des Moines & Pella, IA | 2nd Qtr FY23              | \$10M-\$25M     |
| DB - Coralville Ranger and Admin Bldg                                             | Coralville, IA         | 3rd Qtr FY23              | \$500K-\$1M     |

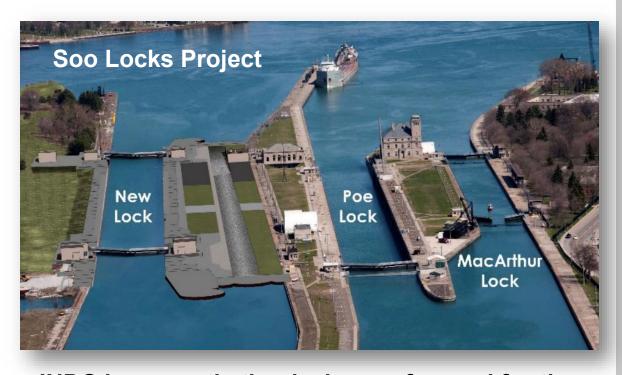


# INLAND NAVIGATION DESIGN CENTER (INDC)



The Inland Navigation Design Center (INDC) Mandatory Center of Expertise (headquartered in the Rock Island District) provides engineering, design, analysis, and review services for studies, new locks, new navigational dams, major rehabilitation of existing inland navigation locks and dams, and significant inland navigation lock and dam operations and maintenance projects, while promoting quality design and consistency in design and technical competency.





### INDC is currently the designer of record for the:

- Soo Locks
- Upper Ohio Locks
- Brandon Road Interbasin Project
- Brazos River Floodgates
- Lock 25 (NESP)

# BRANDON ROAD INTERBASIN PROJECT (BRIP)

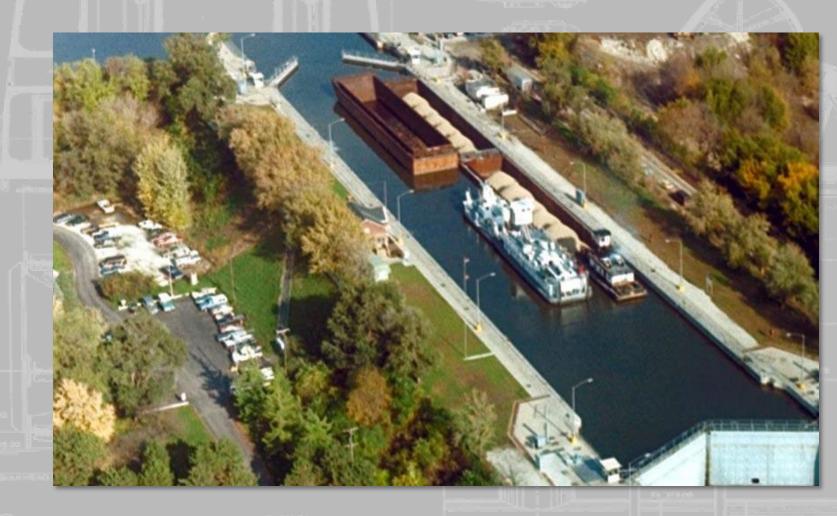


# **SAME Rock Island Post Industry Day**

Date: 22 March 2023

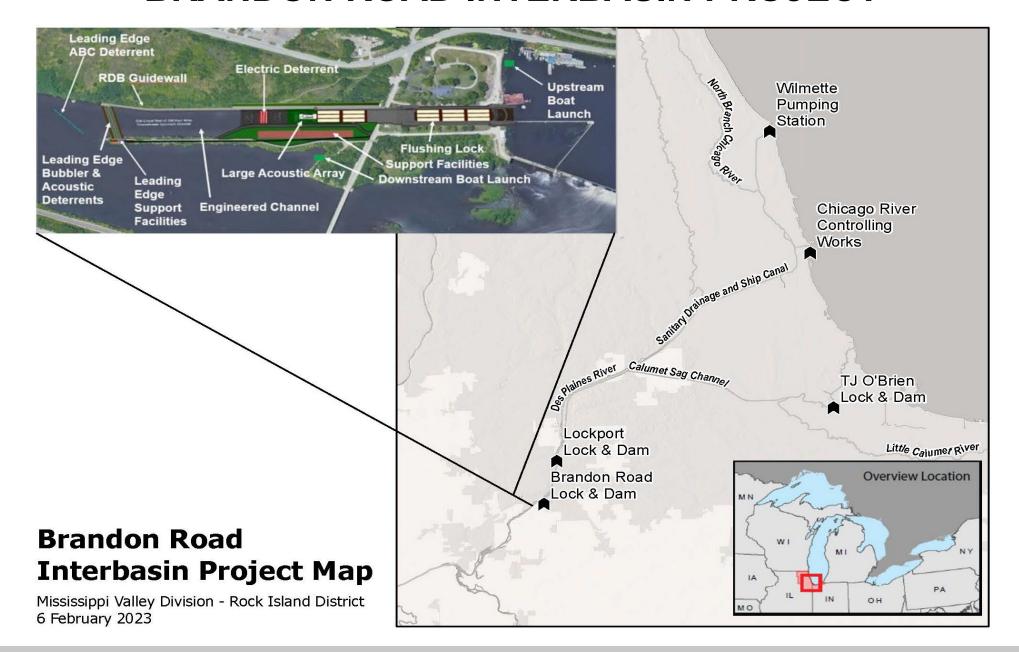






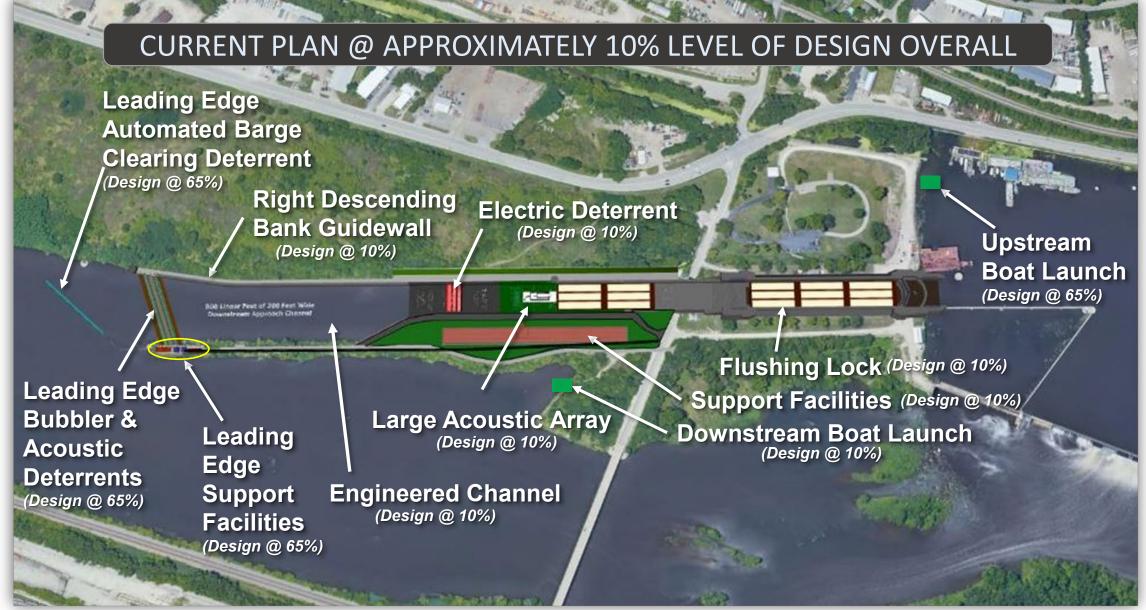
















### **Increment I-A Site Features**

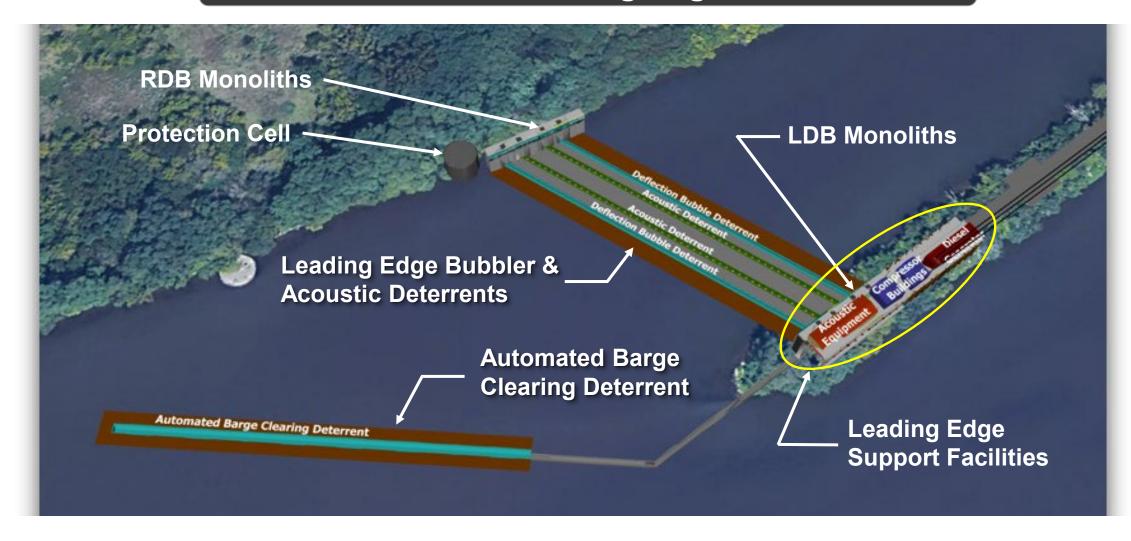


| Project                    | Anticipated Contract Type | Anticipated Advertisement <sup>1</sup> | Estimated Range |
|----------------------------|---------------------------|----------------------------------------|-----------------|
| Increment I-A Construction | Construction              | 1 <sup>st</sup> Qtr FY24               | \$100M-\$200M   |





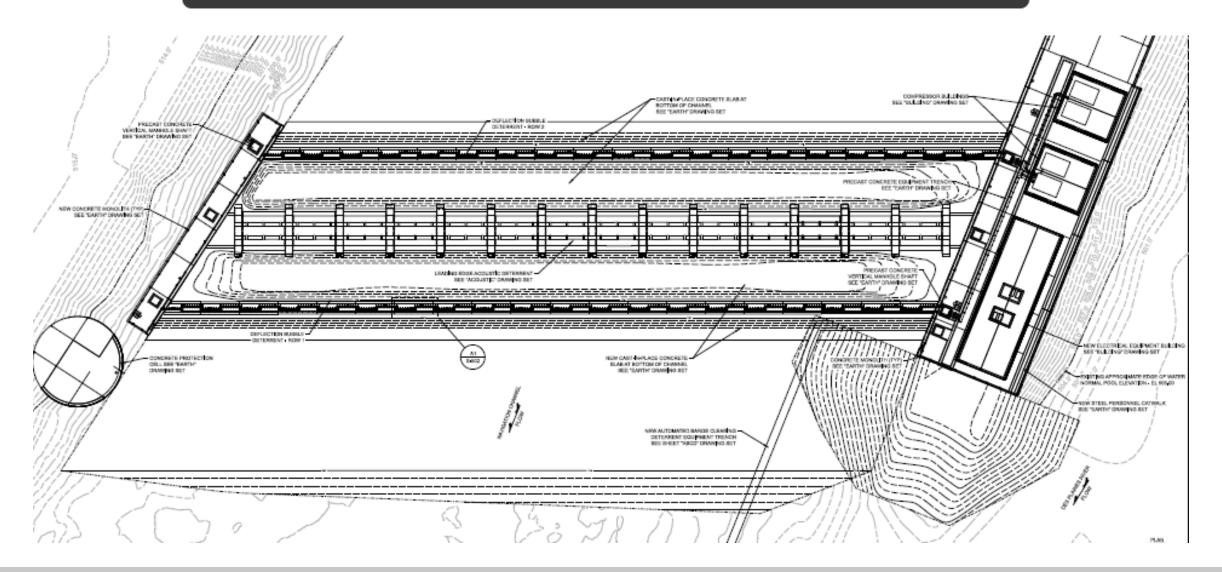
# Increment I-A Leading Edge Features







## **Increment I-A Bubbler and Acoustic Deterrents**







## **Increment I-B Rock Excavation**

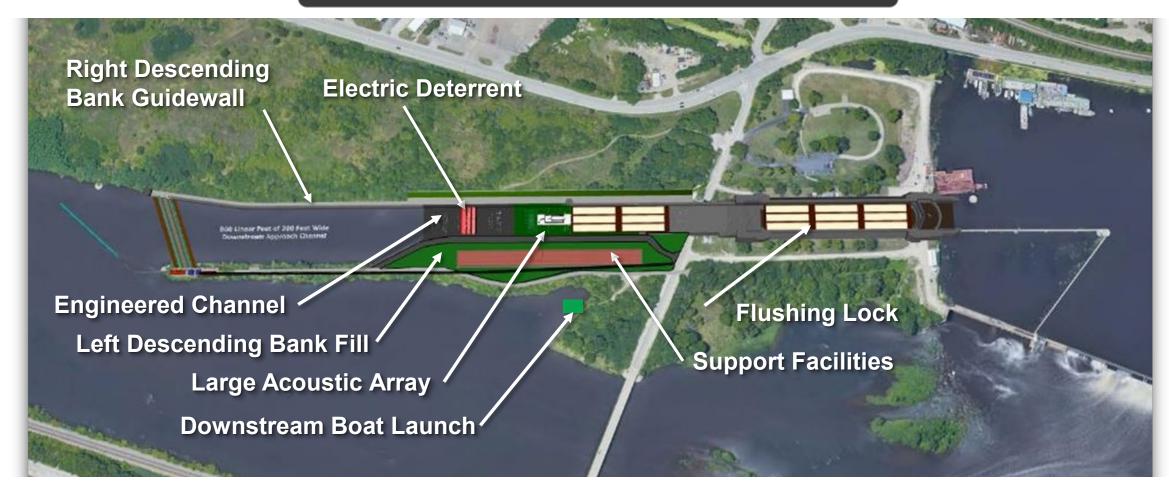


| Project                    | Anticipated Contract Type | Anticipated Advertisement <sup>1</sup> | Estimated Range |
|----------------------------|---------------------------|----------------------------------------|-----------------|
| Increment I-B Construction | Design Build              | 4 <sup>th</sup> Qtr FY24               | \$100M-\$200M   |





## **Increment II & III Site Features**



| Project                    | Anticipated Contract Type | Anticipated Advertisement <sup>1</sup> | Estimated Range |
|----------------------------|---------------------------|----------------------------------------|-----------------|
| Increment II Construction  | Construction              | 2 <sup>nd</sup> Qtr FY26               | \$400M-\$600M   |
| Increment III Construction | Construction              | 2 <sup>nd</sup> Qtr FY29               | \$25M-\$50M     |





#### **INCREMENT I-A**

- Automated Barge Clearing Deterrent
- Leading Edge Bubble Deterrent
- Leading Edge Acoustic Deterrent Array
- Leading Edge Support Facilities
- Upstream Boat Launch

#### **INCREMENT I-B**

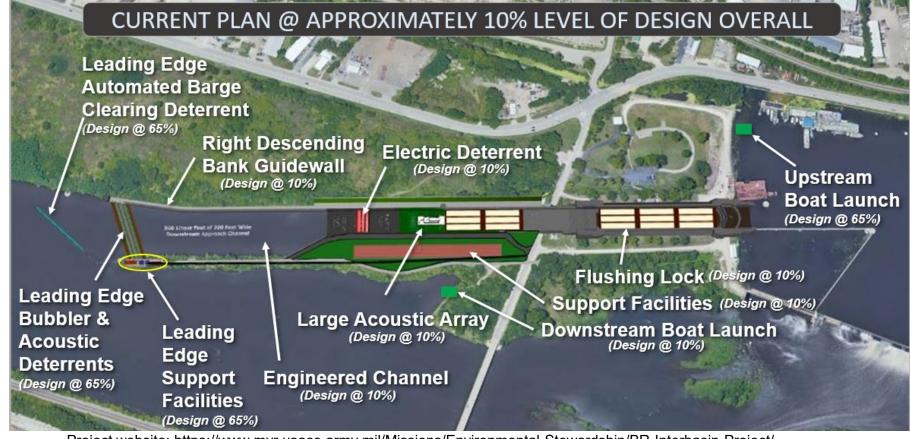
- Site Prep
- Channel Rock Excavation

#### **INCREMENT II**

- Electric Deterrent
- Large Acoustic Deterrent Array
- Support Facilities
- Engineered Channel floor & walls for the electric & large acoustic deterrents
- Flushing Lock
- · Downstream Boat Launch

#### INCREMENT III

- Finish Engineered Channel
- Connect RDB Wall to Lower Guidewall



Project website: https://www.mvr.usace.army.mil/Missions/Environmental-Stewardship/BR-Interbasin-Project/

| Project                      | Anticipated Contract Type | Anticipated Advertisement <sup>1</sup> | Estimated Range |
|------------------------------|---------------------------|----------------------------------------|-----------------|
| Increment I-A Construction   | Construction              | 1st Qtr FY24                           | \$100M-\$200M   |
| Increment II & III AE Design | AE Services               | 1 <sup>st</sup> Qtr FY24               | \$25M-\$75M     |
| Increment I-B Construction   | Design Build              | 4th Qtr FY24                           | \$100M-\$200M   |
| Increment II Construction    | Construction              | 2 <sup>nd</sup> Qtr FY26               | \$400M-\$600M   |
| Increment III Construction   | Construction              | 2 <sup>nd</sup> Qtr FY29               | \$25M-\$50M     |



NAVIGATION & ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)

**NAVIGATION AND ECOSYSTEM** SUSTAINABILITY PROGRAM (NESP)

ST. PAUL DISTRICT- ROCK ISLAND DISTRICT - ST. LOUIS DISTRICT

#### **NAVIGATION AND ECOSYSTEMS PROJECTS**



US Army Corps of Engineers ®

The Navigation and Ecosystem Sustainability Program [NESP] is a long-term, dual-purpose program that integrates navigation improvements and ecosystem restoration together to provide Upper Mississippi River System once in a generation-type positive impacts.

The primary goals of the program are to increase the capacity and improve the reliability of the inland navigation system while restoring, protecting, and enhancing the environment.

This map only shows projects actively being implemented. NESP includes an additional 5 - 1200' locks, systemic mitigation, and hundreds of ecosystem restoration projects.

#### **ACTIVE IMPLEMENTATION**

- Lock 25 New 1200' Lock
- Lock and Dam 22 Fish Passage Improvement Project
- Pool 2 Wingdam Notching
- Systemic Mitigation Pool 4 Island 4
- Lock 14 Mooring Cell
- Starved Rock Breakwater
- LaGrange New 1200' Lock Design
- Moore's Towhead System Mitigation
- Twin Island Island Protection and Enhancement
- Alton Pools Islands Island Protection and Side **Channel Restoration**

#### **FY22 ECOSYSTEM PROJECTS INITIATED**

- Water Level Management Reduce Water Level
- Systemic Forest Restoration
- Multi-Pool Forest Restoration
- 1 Wacouta Bay
- 2 Sny Magill, Effigy Mounds National Monument
- Sabula Lakes
- Andalusia Island Complex
- Pool 24 Island Restoration Denmark and Drift Islands
- Middle Mississippi River Stone Dike Alterations Phase 1

#### **FY22 NAVIGATION PROJECTS INITIATED**

Mooring Facilities

#### **PARTNERS**







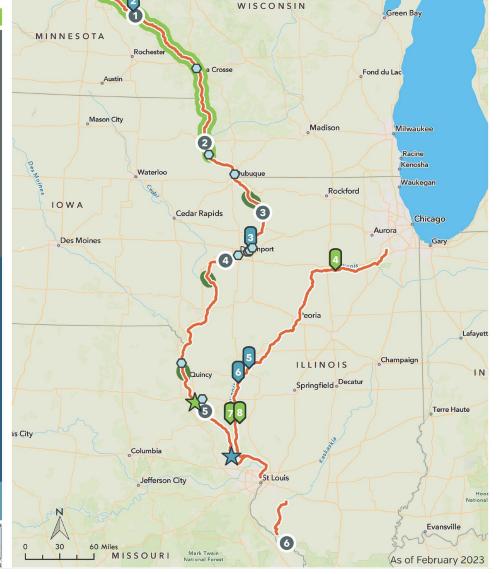












Eau Claire



# **NESP LOCK 25 NEW 1200' LOCK**





## **NESP LOCK 25 NEW 1200' LOCK**



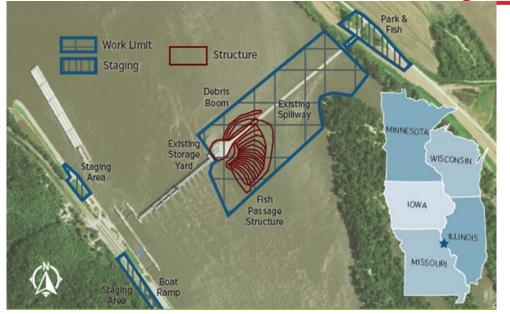
- Pre-solicitation notice on SAM.gov: https://sam.gov/opp/9de16d6f2aaf4f6da842e130d9f8d988/view
- Acquisition strategy is Early Contractor Involvement Integrated
  Design and Construction. Target is solicitation in FY23 and contract
  award in FY24.

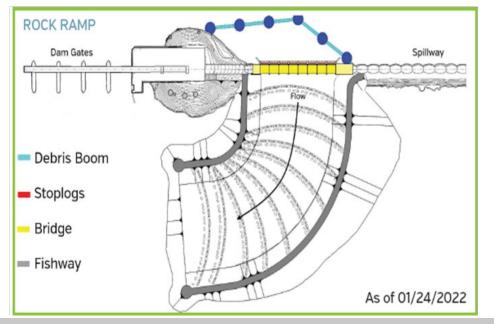


## **NESP LOCK AND DAM 22 FISH PASSAGE**



- Project is at 65% design.
- Contractor industry day scheduled for 17 May 2023 in Hannibal, MO.
- Construction contract award in FY24.







## **NESP POOL 4 ISLANDS**



## **Project Objectives**

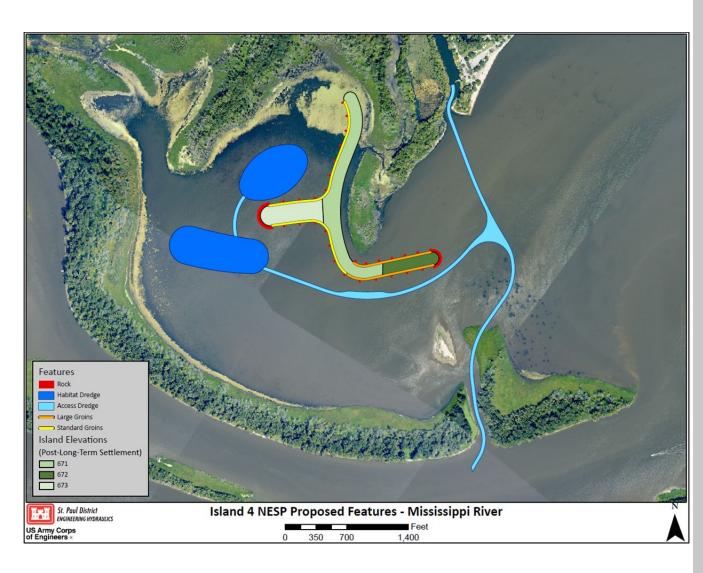
Address degradation of habitat.

## **Project Objectives**

- Peninsula construction to reduce wind and wave action
- Dredging for fish habitat
- Bank and shoreline stabilization

### **Current Status**

 95% design, solicitation in 3rd quarter FY23





# **NESP STARVED ROCK BREAKWATER**



## **Project Objectives**

- Restore submerged aquatic vegetation
- Increase the area and quality of resting and feeding habitat for migratory waterfowl
- Improve spawning and nursey habitat for native fish

## **Key Project Features**

Riprap breakwater construction

#### **Current Status**

95% design, solicitation in 3rd Quarter FY23



## **NESP TWIN ISLAND/ALTON POOL**



## **Project Objectives**

- Maintain existing islands and side channel
- Increase channel geomorphic diversity
- Improve aquatic habitat

## **Key Project Features**

- Bullnose Dike
- Head of Island Revetment

#### **Current Status**

95% design, solicitation in 3rd Quarter FY23

#### **NESP LAGRANGE NEW 1200-FT LOCK**

Wisconsin

TIllinois

PROPOSED LOCK

Minnesota









LaGrange Lock and Dam is 80.2 miles above the confluence of the Illinois River with the Mississippi River at Grafton, Illinois, 7.8 miles below Beardstown, Illinois.

#### **PURPOSE**

· The primary purpose of the project is to improve efficiency, reliability, and safety for navigation traffic transiting the facility along with additional operational redundancy at LaGrange.

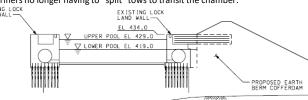
#### **KEY FEATURES**

- New 1200-foot navigation lock landward of the existing 600-foot lock.
- · New upstream and downstream approach channels.
- The new lock will be constructed with minimal interference to existing navigation traffic.
- Existing 600-foot lock remains in operation.

#### **PROJECT BENEFITS**

- Reduction in per lockage times from two and a half hours or more to approximately 45 minutes.
- Accommodation of the largest tow configurations on the Upper Mississippi River.
- Added redundancy at the site, as the existing 600-foot chamber will remain in place and can be used as

· Improved mariner safety, with professional mariners no longer having to "split" tows to transit the chamber. EXISTING LOCK RIVER WALL



#### **DESIGN OVERVIEW**

#### **FY23 Activities**

#### **Advance Current Designs:**

- · Investigations (Underway)
  - · Hydraulic modeling, geotechnical investigations, surveys, environmental investigations, cultural surveys, HTRW analyses, real estate, initial lock design
- 0-35% (Underway)
- Complete hydraulic modelling (Underway)

#### Award AE Contract to Complete Design

- Finalize design components
- · Develop solicitation packages

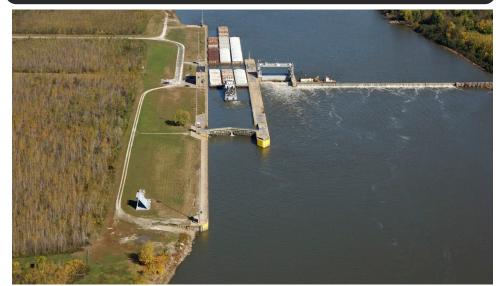
#### Construction (Preliminary)

#### Six packages +/-

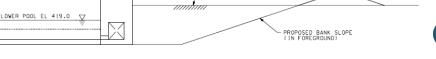
- · Site development
- Cofferdam/foundation
- Lock walls
- Guide walls
- Site facilities
- · Channel excavation

Estimated cost: \$800 Million +/-

#### **EXISTING CONDITIONS**







APPROX. TOP OF EXISTING GRADE

PROPOSED LOCK

SAME Industry Day, April 10, 2023



#### **NESP LAGRANGE NEW 1200-FT LOCK**



# Y.W.

#### Preliminary Phasing (Design<5%)1

#### Phase 1: Site Development

- Develop Utilities to maintain operation of existing lock
- Prepare Site for construction
  - Batch plant laydown etc.
  - Site clearing
  - Office's

#### Phase 2: Steel Structures and Machinery

- Fabricate
  - Mitergates
  - Valves
  - Machinery
  - · Large embedded items
  - Controls

#### Phase 3: Cofferdam and Foundation

- Construct cofferdam
- Excavate
- Install foundation elements

#### Phase 4: Lock Walls and Facilities

- Construct lock walls
- Install machinery and controls
- Supporting buildings

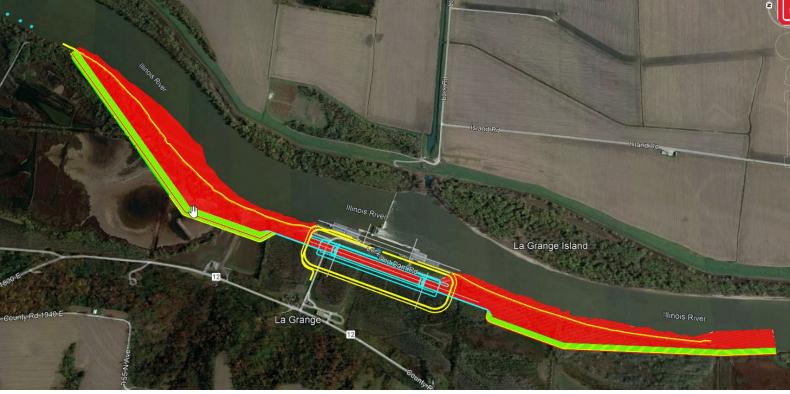
#### Phase 5: Guidewalls

Construct guidewalls

#### Phase 6: Excavate Approaches

- Develop dredge disposal areas
- Dredge approaches

<sup>1</sup>PROPOSED PHASES ARE PRELIMINARY AND SUBJECT TO CHANGE. PHASES MAY COMBINED OR SEPERATED DEPENDING ON FUTURE APPROPRIATIONS



| Project <sup>1</sup>                    | Contract <sup>1</sup> | Anticipated Advertisement <sup>1</sup>    | Estimated Range |
|-----------------------------------------|-----------------------|-------------------------------------------|-----------------|
| 100% AE Design                          | AE Services           | 3 <sup>rd</sup> /4 <sup>th</sup> Qtr FY23 | >\$10M          |
| Phase 1: Site Development               | Construction          | 3 <sup>rd</sup> Qtr FY24                  | >\$10M          |
| Phase 2: Steel Structures and Machinery | Fabrication           | 3 <sup>rd</sup> Qtr FY24                  | >\$10M          |
| Phase 3: Cofferdam and Foundation       | Construction          | 2 <sup>nd</sup> Qtr FY26                  | >\$100M         |
| Phase 4: Lock Walls and Facilities      | Construction          | 2 <sup>nd</sup> Qtr FY28                  | >\$100M         |
| Phase 5: Guidewalls                     | Construction          | 3 <sup>rd</sup> Qtr FY28                  | >\$100M         |
| Phase 6: Excavate Approaches            | Construction          | 2 <sup>nd</sup> Qtr FY29                  | >\$10M          |



# **NESP UPCOMING SOLICITATIONS**



| Project                                                                                                         | FY23 Contract Action                                                              | Approximate Solicitation Timeframe |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------|
| NESP Navigation - Lock 25 New 1200' Lock (St Louis District)                                                    | Early Contractor Involvement Contract                                             | 3rd Quarter FY23                   |
| NESP Navigation - LaGrange New 1200' Lock (Rock Island District)                                                | Architect/Engineer task order (35%-100% design)                                   | 3rd Quarter FY23                   |
| NESP Navigation – Pool 4 Islands (St<br>Paul District)                                                          | Construction contract                                                             | 3rd Quarter FY23                   |
| NESP Ecosystem – Starved<br>Rock Breakwater (Rock Island District)                                              | Construction contract                                                             | 3rd Quarter FY23                   |
| NESP Ecosystem – Twin Island –<br>Island Protection and Enhancement (St<br>Louis District)                      | Construction contract                                                             | 3rd Quarter FY23                   |
| NESP Ecosystem – Alton Pool Islands –<br>Island Protection and Side<br>Channel Restoration (St. Louis District) | Construction contract                                                             | 3rd Quarter FY23                   |
| NESP Ecosystem – Andalusia<br>Island Complex (Rock Island District)                                             | Architect/Engineer task order for Project Implementation Report (PIR) development | 3rd Quarter FY23                   |

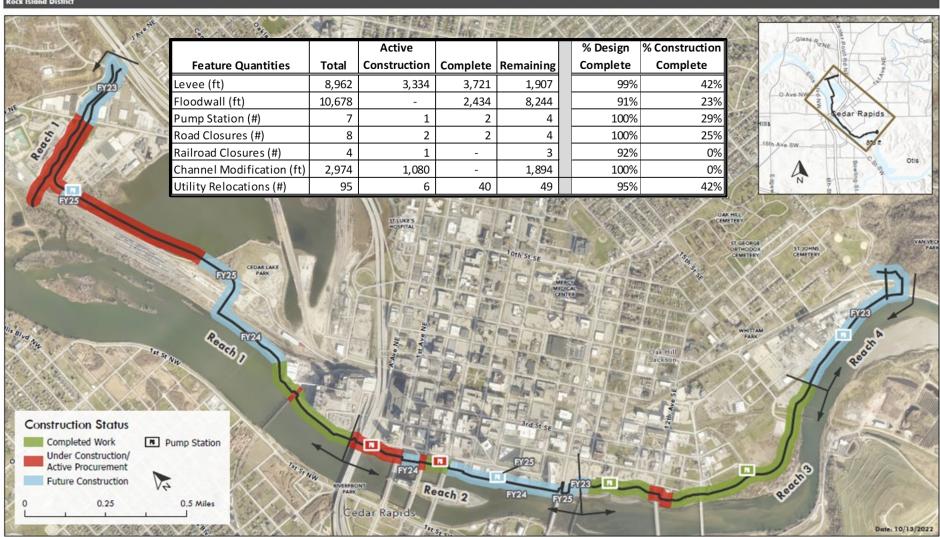


# CEDAR RAPIDS, IOWA FLOOD RISK MANAGEMENT PROJECT





# CEDAR RAPIDS FLOOD RISK MANAGEMENT CONSTRUCTION STATUS





# CEDAR RAPIDS, IOWA FLOOD RISK MANAGEMENT PROJECT









Regional effort with design support from St. Paul District and Multiple AE's

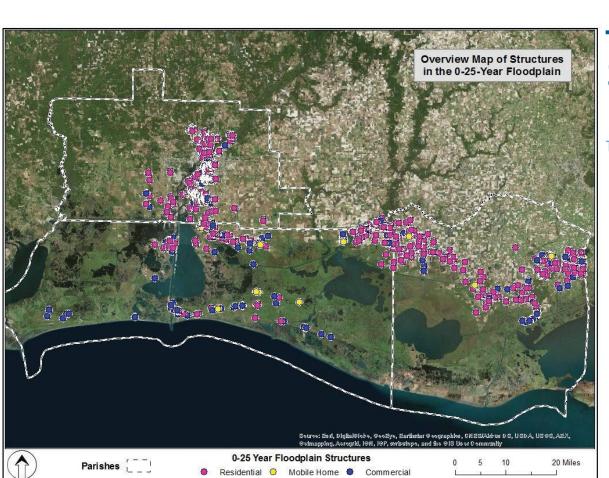
| Project                                                                                      | Location        | Anticipated<br>Advertisement | Estimated Range |
|----------------------------------------------------------------------------------------------|-----------------|------------------------------|-----------------|
| EF Avenue Roller Gates, 2nd Avenue SE Closure Structure, A-Avenue Pump Station and Floodwall | Linn County, IA | 1 <sup>st</sup> Qtr FY23 (A) | \$25M-\$50M     |
| McLoud Run Lower Reach Culverts Option                                                       | Linn County, IA | 2 <sup>nd</sup> Qtr FY23     | \$1M-\$5M       |
| McLoud Run Middle Reach Channel, Trail Bridge, Floodwall, 10th Avenue NE Road Raise          | Linn County, IA | <sup>4th</sup> Qtr FY23      | \$10M-\$25M     |
| CRANDIC RR Closure                                                                           | Linn County, IA | 3 <sup>rd</sup> Qtr FY23     | \$1M-\$5M       |
| Downstream River Floodwall, Pump Station, Culverts and Closures                              | Linn County, IA | 4 <sup>th</sup> Qtr FY23     | \$25M-\$50M     |
| Downtown East Removable & Permanent Floodwall                                                | Linn County, IA | 2 <sup>nd</sup> Qtr FY24     | \$25M-\$50M     |
| Cedar Lake South Railyard Floodwall                                                          | Linn County, IA | 2 <sup>nd</sup> Qtr FY24     | \$10M-\$25M     |
| Cedar Lake Pump Station                                                                      | Linn County, IA | 2 <sup>nd</sup> Qtr FY24     | \$10M-\$25M     |
| Cedar Lake Railyard Roller Gate Closure Structures                                           | Linn County, IA | 2 <sup>nd</sup> Qtr FY24     | \$10M-\$25M     |
| Cedar Lake South Shore Levee                                                                 | Linn County, IA | 1st Qtr FY25                 | \$5M-\$10M      |



# SOUTHWEST COASTAL, LOUISIANA PROJECT OVERVIEW



## **Project Purpose**



Location: Cameron, Calcasieu, and Vermilion Parishes

3,462 RESIDENTIAL STRUCTURES ELIGIBLE TO BE RAISED

342

DRY FLOOD-PROOFING

**157** 

Localized Risk Reduction

The Project includes structures at or below the 2025- 25-year base flood elevation (BFE).



The Project recommends 3,462 residential structures will be considered for elevation

equivalent to the 2075 100year BFE. Qualifying residential structures will be raised approximately 5 feet on average, but no higher than 13 feet.



342 non-residential structures will be considered for dry flood-proofing to 3 feet above ground.



Localized risk reduction measures (constructing berms) for 157 warehouses will be considered less than or equal to 6 feet above the ground.

#### **NEXT STEPS**

- Available Appropriations for Construction = \$396M
- Project Partnership Agreement expected in Apr 2023
- A&E Services support expected for screening and inspections
- Design Build Contracts required by Authorization



# **UPCOMING AE SERVICES IDIQ MATOC**



- ~\$249 Million
- Shared Capacity between awarded contracts
  - Small Business Reserve \$40 Million
  - Task Orders <\$250,000 will go to small business</li>
- Minimum 3 unrestricted (large business) contracts
- Minimum 3 restricted (small business) contracts
- Solicitation anticipated March 2023
  - 45 days to respond to SF330 request
- Comprehensive Scope for AE design services
  - Inland Navigation
  - Flood Risk Management
  - Levee Inspection
  - Others-vertical construction, construction management, survey, lab testing
  - Provides maximum flexibility in services needed for USACE





# **UPCOMING AE SERVICES IDIQ MATOC: TECHNICAL REQUIREMENTS**

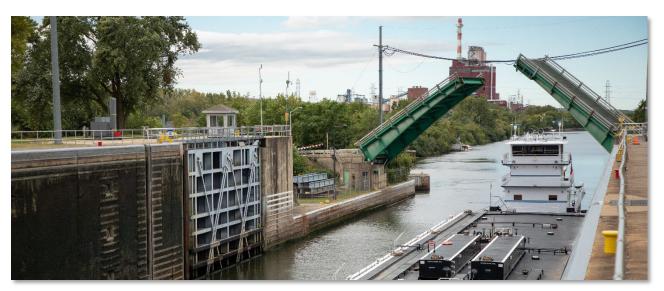


**Location of Projects**: The services will be performed primarily in connection with projects located within the St. Paul, Rock Island, and St. Louis District's geographic boundaries (all or portions of MN, ND, SD, WI, IL, MO and IA). However, individual task orders may be for work anywhere within the Continental United States (CONUS) or outside the Continental United States (OCONUS).

**Primary Disciplines:** structural, civil, geotechnical, geology, hydraulic, hydrologic, mechanical, electrical, specifications, and cost engineering

Other Disciplines: architecture, landscape architecture, construction engineering, surveying, environmental engineering, and cartography







# **ROCK ISLAND DISTRICT SMALL BUSINESS PROGRAM**



Provides outreach and information to ensure small businesses have the maximum practicable opportunity to participate in Rock Island District acquisitions through contracts or subcontracts.



Examples of Outreach and Informational Events include:

SAME Small Business Conferences
Roundtable Discussions
SAME Industry Days
District Industry Days
National Industry Meetings



| SB Programs/Goals            | FY22 and FY23<br>Goals | FY22 Actual Obligations | FY22 Actual % |
|------------------------------|------------------------|-------------------------|---------------|
| Small Business               | 48%                    | \$115,026,457           | 41.28%        |
| Small Disadvantaged Business | 30%                    | \$60,855,160            | 21.84%        |
| Woman Owned SB               | 12%                    | \$40,222,716            | 14.14%        |
| HUBZone                      | 14%                    | \$31,415,897            | 11.27%        |
| Service-Disabled Veteran SB  | 5%                     | \$23,926,752            | 8.59%         |

Total FY22 Contracting Obligations = \$278,639,355

Forecasted FY23 Contracting Obligations = \$300M

Program website: https://www.mvr.usace.army.mil/Business-With-Us/Small-Business/



## **UPCOMING EVENTS**



| 12 April 2023 | Meet the Buyers, Coralville IA |
|---------------|--------------------------------|
|               | = 5. <b>y</b> 5.5, 5 5.5       |

19-20 April 2023 SAME/Scott Field/St. Louis

Posts/SMPS Industry Day

17 May 2023 Lock and Dam 22 Fish Passage

Industry Day – Location TBD

23 May 2023 Memphis District Small Business

**Industry Day** 

May 2023? Southwest Coastal, Louisiana

Project Industry Day – Location TBD



## DOING BUSINESS WITH US



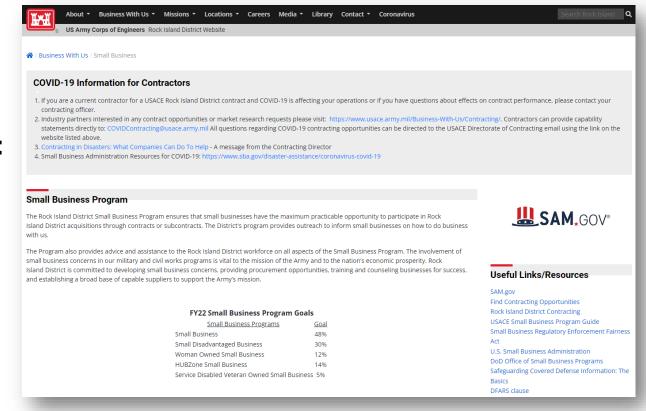
#### **Websites for Industry Partners:**

www.mvr.usace.army.mil/Business-With-Us/Small-Business/www.mvr.usace.army.mil/Business-With-Us/Contracting/

- Upcoming training for industry or outreach events
- Contract Forecast Lists
- How-To's for Finding Opportunities
- Subcontracting Opportunities

### **Individualized Meetings Available to Discuss:**

- Projects/programs and doing business with the District
- Potential connection with other District personnel and/or other resource partners
- Inclusion on District email list for ongoing communication





## STAY CONNECTED



## On Social Media



www.linkedin.com/company/us-army-corps-of-

engineers-rock-island-district



www.facebook.com/RockIslandDistrictUSACE



https://twitter.com/USACERockIsland



www.instagram.com/usacerockisland/



www.youtube.com/c/USACERockIslandDistrict

# On Mobile Devices

Download the USACE Rock Island Mobile App



Available on Apple and Android devices



## POINTS OF CONTACT



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# QUESTIONS?

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