

U.S. ARMY CORPS OF ENGINEERS ROCK ISLAND DISTRICT

2022 GREATER KANSAS CITY SAME INDUSTRY DAY

Troy Robbins
Deputy, Small Business Programs
Rock Island District

30 June 2022



US Army Corps
of Engineers®



Rock Island District

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



MISSION

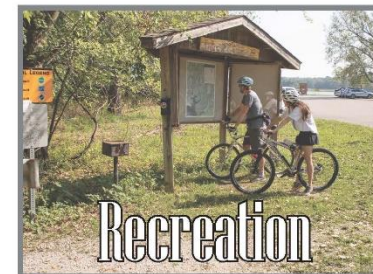
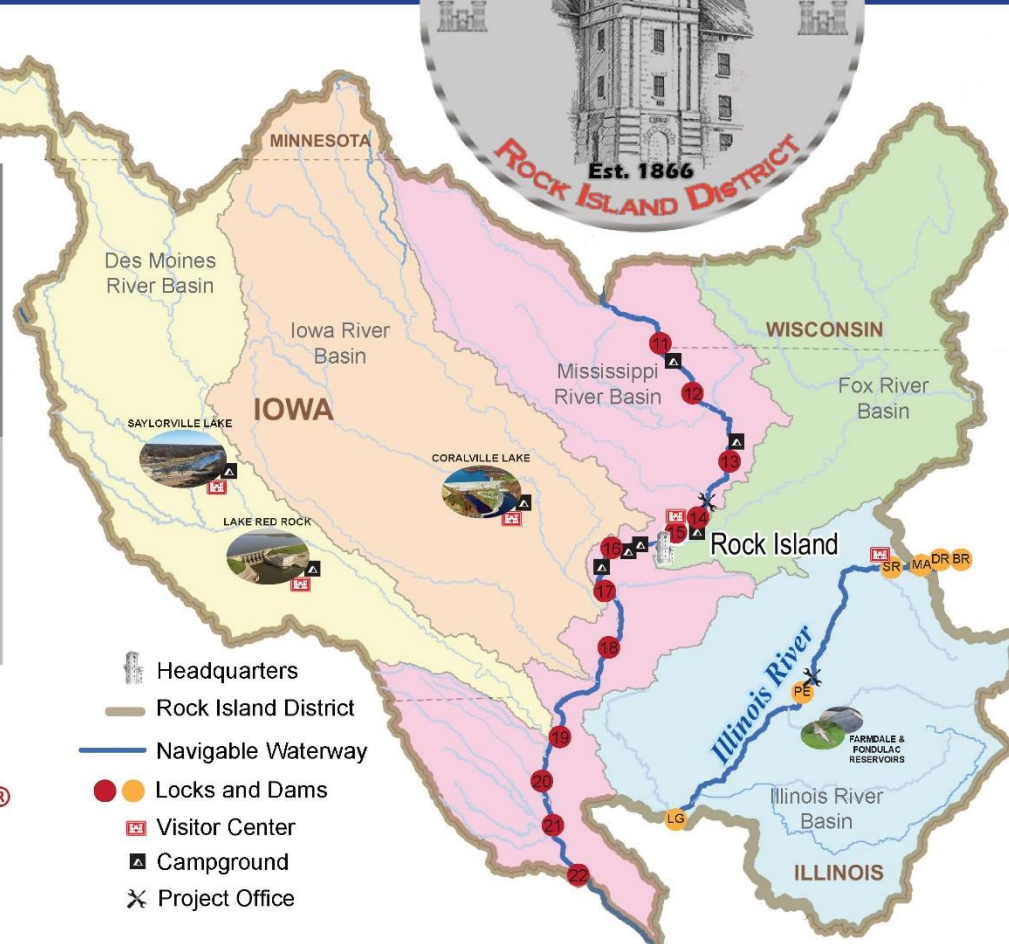
Deliver vital engineering and water resources solutions in collaboration with our partners to secure our Nation, reduce disaster risk and enhance quality of life, providing value to the region and Nation.



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!



1850 Campsites
97 Recreation Sites
38 Boat Ramps
10 Swimming Beaches
5 Visitor Centers
16.8 M Annual Visitation

Flood Fight Supplies Provided to the Nation

4.2 M Standard Sandbags
6,000 Large (airlift) Sandbags
>6 Miles HESCO Gabion Baskets
>2 Miles Polyethylene Sheeting
84 Portable Pumps



Upper Mississippi River Restoration Projects

16 In Planning/Design
7 Under Construction
59 Completed to Date
112,000 Acres Restored to Date
\$33.17 M Annual Budget

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



Commander & District Engineer
Colonel Jesse. T. Curry
Deputy District Engineer/ PPMD Chief
Kimberly Thomas, P.E.
Deputy Commander
Lieutenant Colonel John Fernas

Engineering & Construction
Roger Perk, P.E.
Resource Management
Celeste Iversen
Real Estate
Hiring

Operations
Thomas Heinold, P.E.
Regulatory
Ward Lenz
Contracting
Hiring

National Centers

Inland Navigation
Design Center
Andy Barnes, P.E.

National Flood Fight
Materials Center
Sarah Jones



US Army Corps
of Engineers®
Rock Island District



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:

General 101 Training Webinars
Roundtable Discussions
Large Business Trainings
District Industry Days
AGC Regional Industry Meeting



| SB Programs/Goals | Goals | FY21 Actual Obligations | FY21 Actual % |
|------------------------------|-------|-------------------------|---------------|
| Small Business | 60% | \$75,000,631 | 67.23% |
| Small Disadvantaged Business | 25% | \$48,899,451 | 44.73% |
| Woman Owned SB | 6% | \$20,257,650 | 18.16% |
| HUBZone | 9% | \$24,749,740 | 22.18% |
| Service-Disabled Veteran SB | 5% | \$13,069,834 | 11.72% |

Total FY21 Contracting Obligations = **\$111,562,869**

Forecasted FY22 Contracting Obligations = **\$232M**

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

FY22 FUNDING

Rock Island District FY22 Appropriations - \$283.37M (*including Work Plan*)

- **INVESTIGATIONS - \$5.19M**

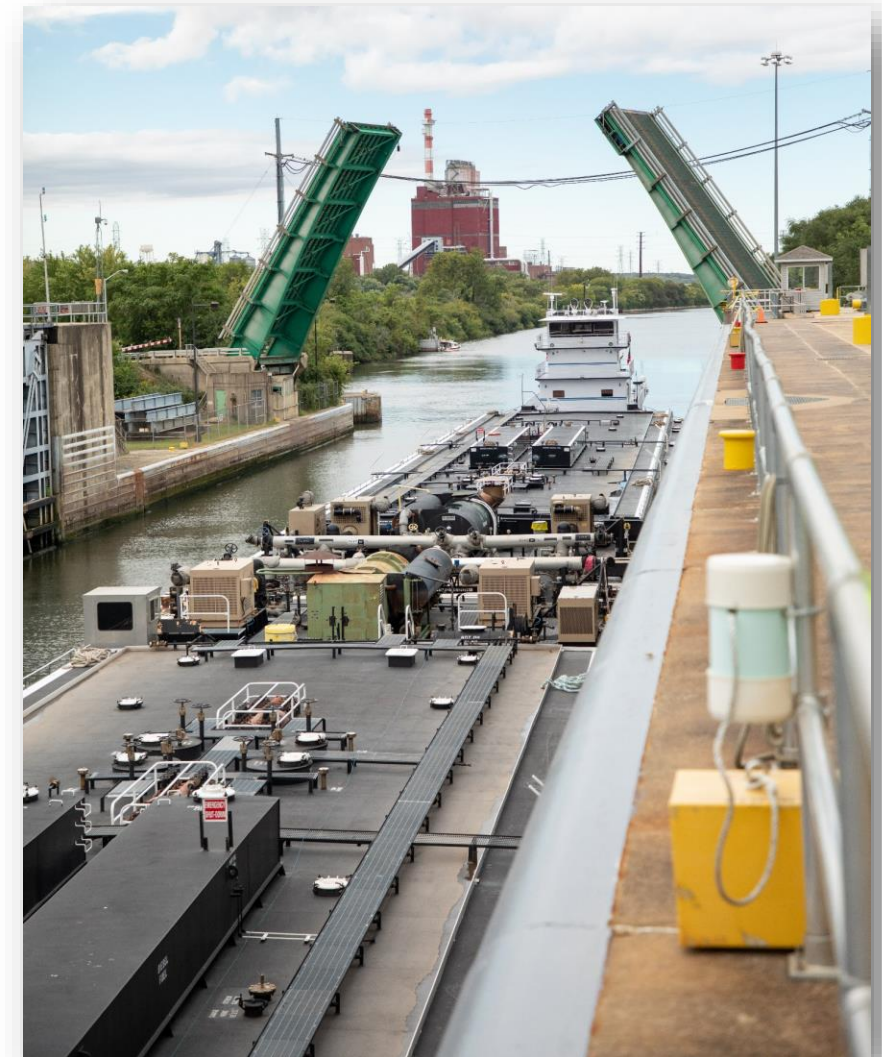
- Brandon Road - \$4.94M
- IL 519 - \$250K

- **CONSTRUCTION - \$90.449M**

- NESP - \$57.279M (*Work Plan \$12.179M*)
- UMRR - \$33.17M

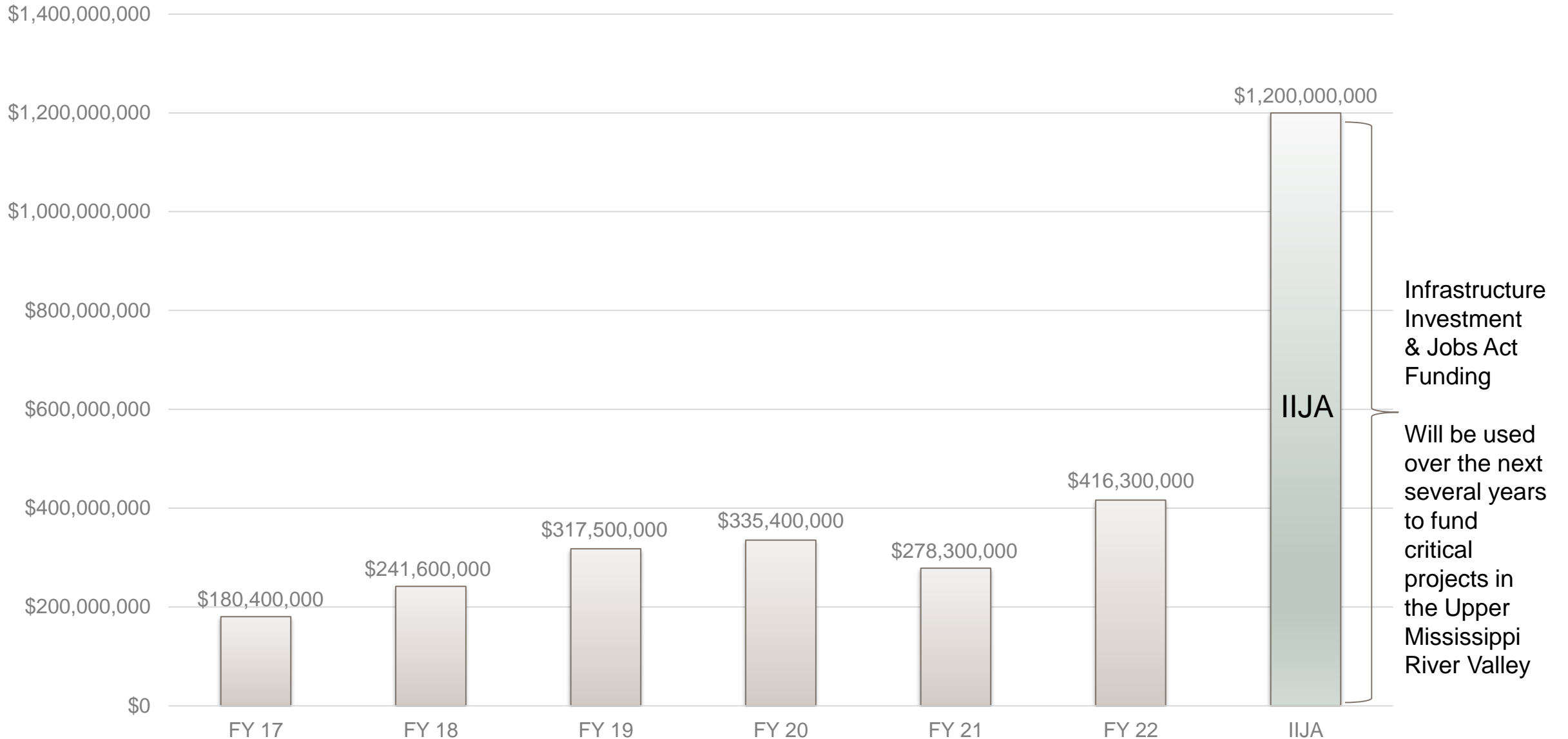
- **OPERATIONS & MAINTENANCE - \$187.731M**

- Mississippi River - \$81.842M (*Work Plan \$555K*)
- Illinois Waterway - \$64.175M (*Work Plan \$2.525M*)
- Saylorville Lake - \$10.4M
- Lake Red Rock - \$25.828M
- Coralville Lake - \$4.945M
- Farm Creek - \$541K





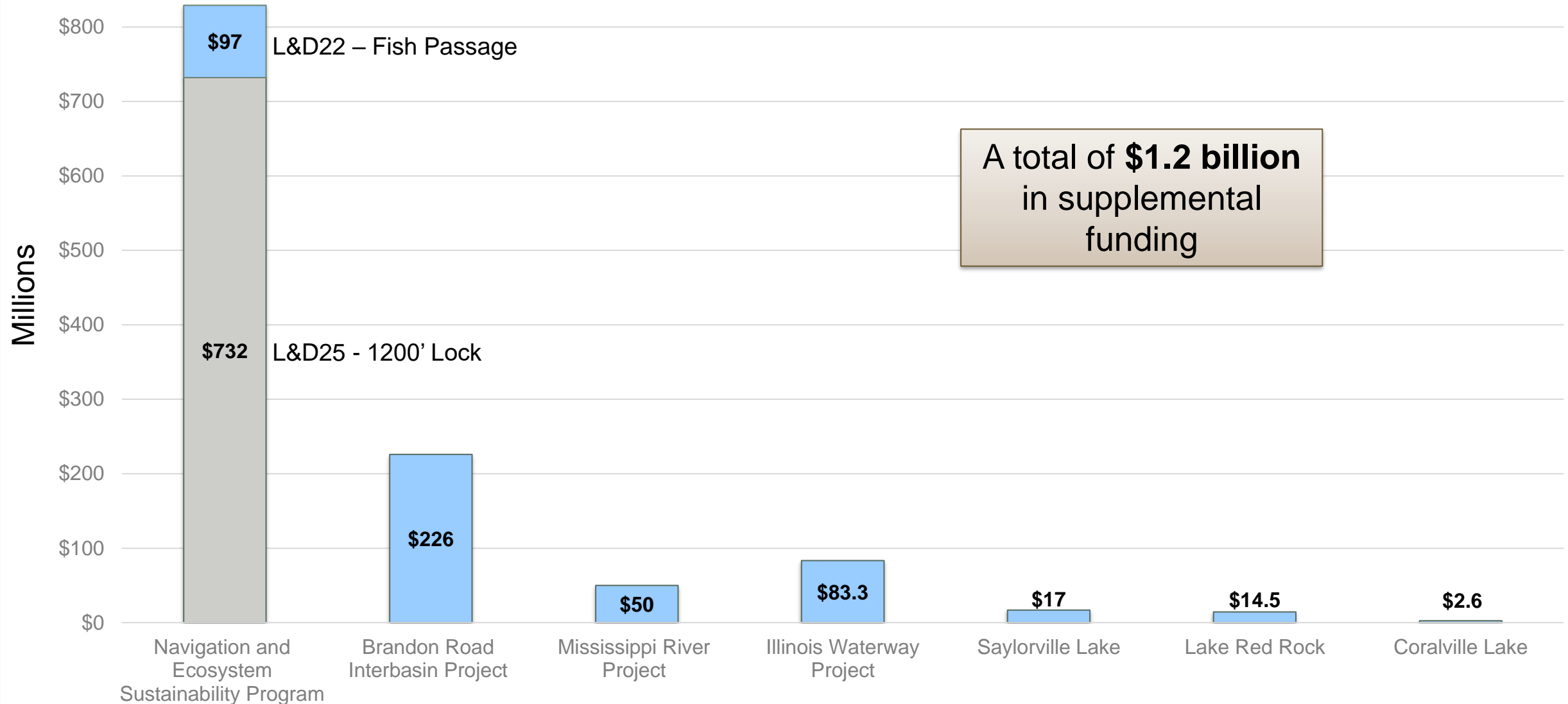
ROCK ISLAND DISTRICT FUNDING TRENDS





INFRASTRUCTURE INVESTMENT AND JOBS ACT

Regional Programs & Projects funded through IIJA





NAVIGATION & ECOSYSTEM SUSTAINABILITY PROGRAM (NESP)

7

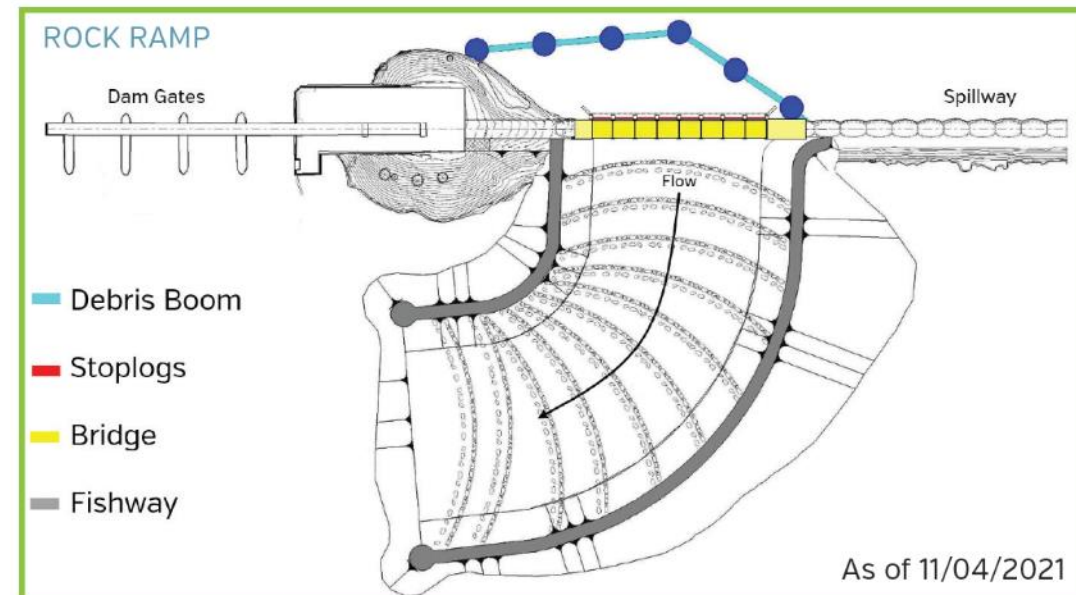


Purpose: A long-term program of navigation improvements and ecosystem restoration for the Upper Mississippi River System (UMRS).

Goals: Increase the capacity and improve the reliability of the inland navigation system while restoring, protecting, and enhancing the environment to ensure the economic and environmental sustainability of the UMRS.



L&D25 1200' Lock



L&D22 Fish Passage

Lock & Dam 25 – 1200' Lock (\$732M IJA)

- Complete Design and Construction

Lock & Dam 22 – Fish Passage (\$97.1M IJA)

- Complete Design
- Initiate Construction

Program website:

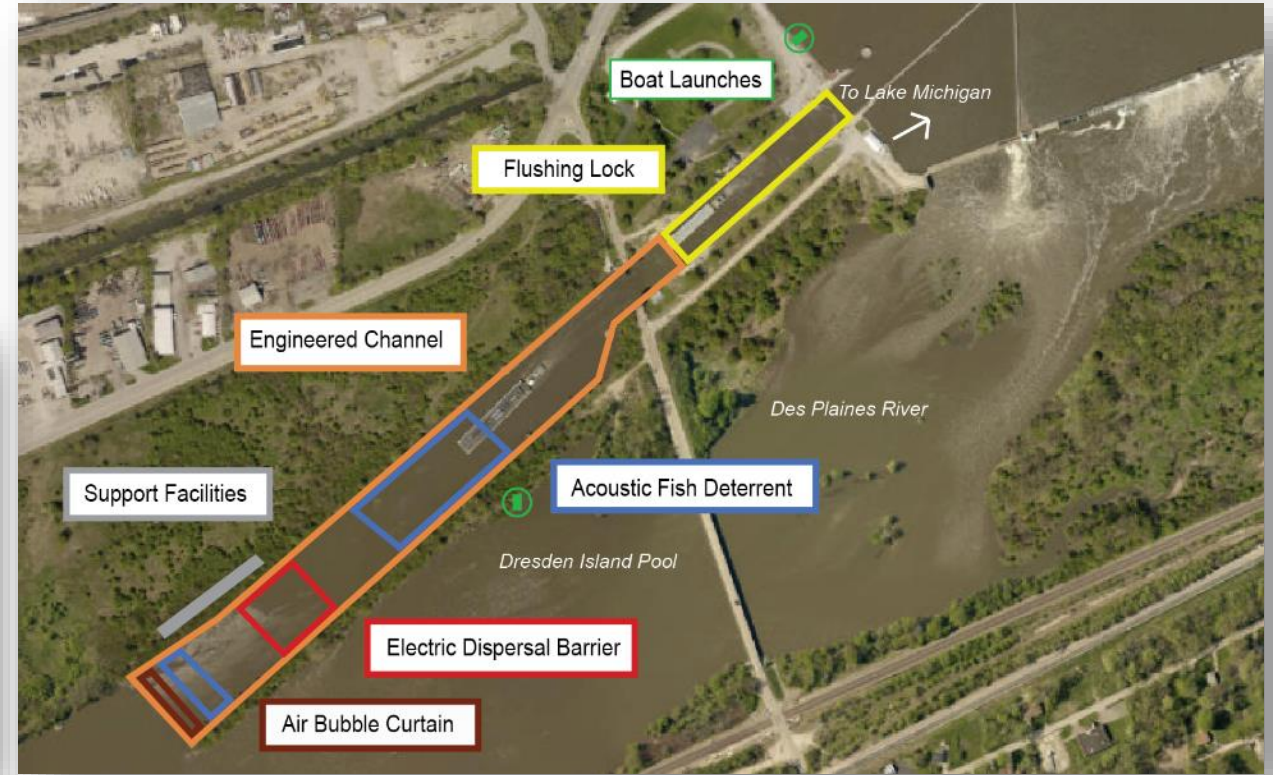
<https://www.mvr.usace.army.mil/Missions/Navigation/NESP/>



BRANDON ROAD INTERBASIN PROJECT

Construction New Start (\$226M IIA)

- Complete Engineering and Design
- Construction of Increment 1 Deterrents
- Advance Nonstructural Controls



INCREMENT I

- Prep NRG Site
- Channel Rock Excavation
- Air Bubble Curtain
- Narrow Acoustic Deterrent Array
- Control Building
- Upstream Boat Launch

INCREMENT II

- Electric Barrier
- Wide Acoustic Deterrent Array
- Complete Control Building
- RDB Wall Connect to Lower Guidewall
- Flushing Lock
- Downstream Boat Launch

INCREMENT III

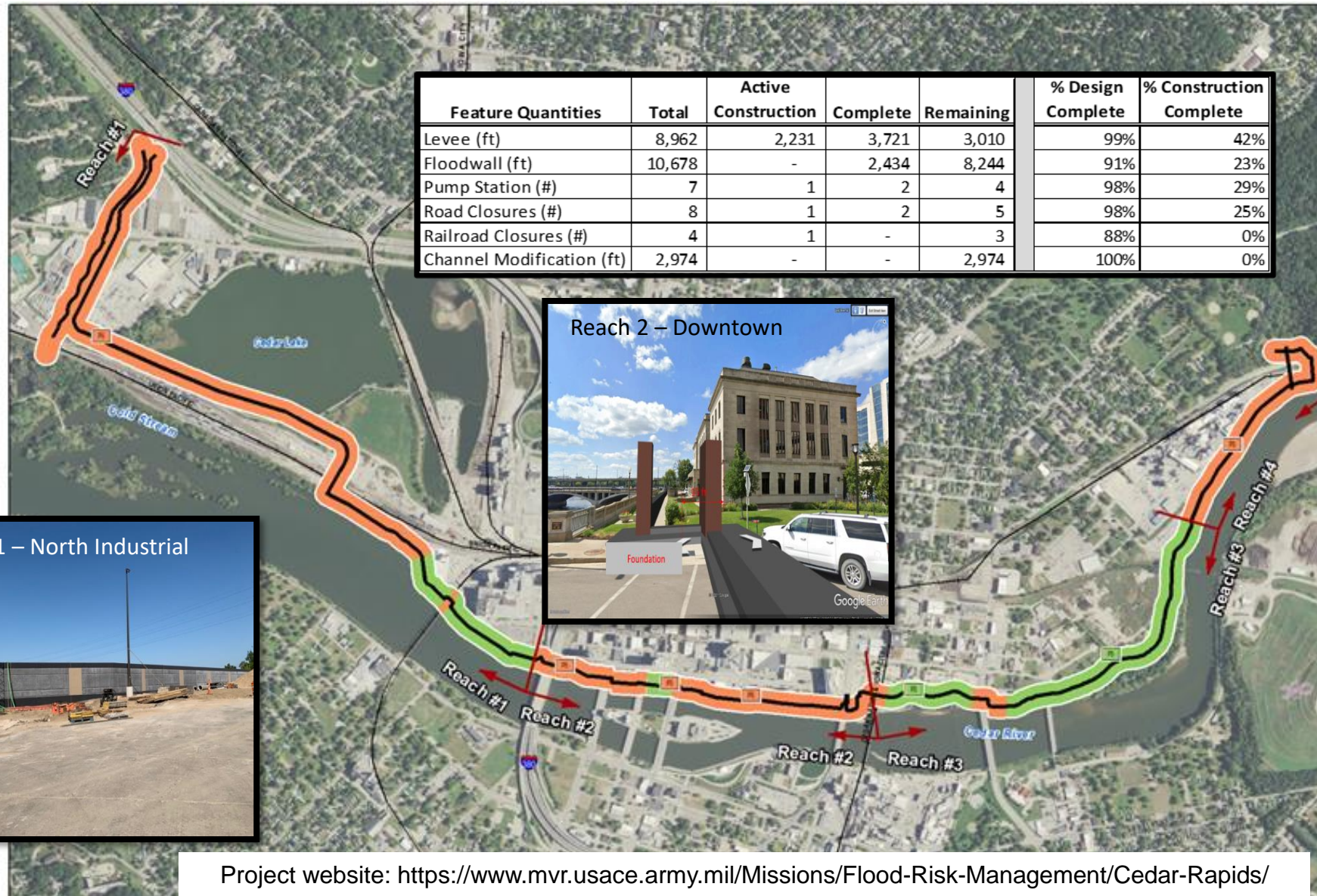
- Finish Engineered Channel

Project website:

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



CEDAR RAPIDS, IOWA FLOOD RISK MANAGEMENT PROJECT



Current Status

Pump Station Status

- Completed Work
- Remaining Work

Alignment

- Alignment

Feature Status

- Completed Work
- Remaining Work

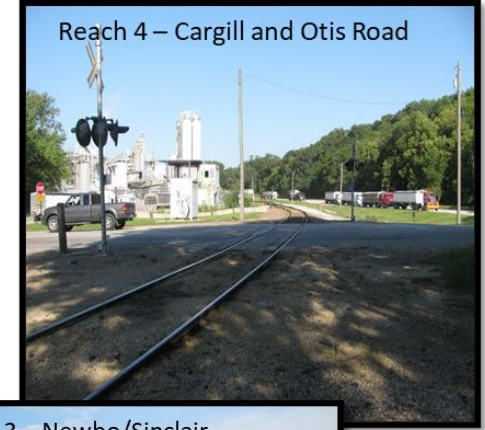
Reach 1 – North Industrial



Reach 2 – Downtown



Reach 4 – Cargill and Otis Road



Reach 3 – Newbo/Sinclair



Project website: <https://www.mvr.usace.army.mil/Missions/Flood-Risk-Management/Cedar-Rapids/>



CEDAR RAPIDS, IOWA

FLOOD RISK MANAGEMENT PROJECT



Regional effort with design support from St. Paul District and Multiple AEs



| Project | Location | Anticipated Advertisement | Estimated Range |
|--|-----------------|------------------------------|-----------------|
| McCloud Run Lower Reach Channel, Culverts, and Levee | Linn County, IA | 2 nd Qtr FY22 (A) | \$10M-\$25M |
| 12th Avenue SE and CRANDIC RR Roller Gate Closure Structures | Linn County, IA | 2 nd Qtr FY22 (A) | \$10M-\$25M |
| EF Avenue Roller Gates, 2nd Avenue SE Closure Structure, A-Avenue Pump Station and Floodwall | Linn County, IA | 3 rd Qtr FY22 | \$25M-\$50M |
| McCloud Run Middle Reach Channel, Trail Bridge, Floodwall, 10th Avenue NE Road Raise | Linn County, IA | 4 th Qtr FY22 | \$10M-\$25M |
| Cedar Lake Pump Station | Linn County, IA | 2 nd Qtr FY23 | \$10M-\$25M |
| Downstream River Floodwall, Pump Station, Culverts and Closures | Linn County, IA | 4 th Qtr FY23 | \$25M-\$50M |
| Downtown East Removable & Permanent Floodwall | Linn County, IA | 2 nd Qtr FY24 | \$25M-\$50M |
| Cedar Lake South Railyard Floodwall | Linn County, IA | 2 nd Qtr FY24 | \$10M-\$25M |
| Cedar Lake Railyard Roller Gate Closure Structures | Linn County, IA | 2 nd Qtr FY24 | \$10M-\$25M |
| Cedar Lake South Shore Levee | Linn County, IA | 1 st Qtr FY25 | \$5M-\$10M |



ILLINOIS WATERWAY CONSOLIDATED CLOSURES

2022

- Brandon Road Lock and Dam – Upper Bulkhead Recess Installation
 - Restriction period/partial closure (will pass traffic under a 70' width restriction from 6 p.m.-6 a.m.): **May 9-Aug. 14, 2022**
 - Full closure: **Aug. 15-Sept. 4, 2022**
 - Final restriction period/partial closure: **Sept. 5-8, 2022**

2023

- Brandon Road Lock and Dam – Upper Miter Gate Installation & Machinery Replacement
 - Full closure scheduled **approx. 120 days (June 1-Sept. 30, 2023)**
- Dresden Island Lock and Dam – Upper Miter Gate Installation, Valve Replacement, Machinery Replacement, and Electrical System Replacement
 - Full closure scheduled **approx. 120 days (June 1-Sept. 30, 2023)**
- Marseilles Lock and Dam – Miter Gate Machinery Replacement and Electrical Rehab
 - Full closure scheduled **approx. 90-120 days (June 1-Sept. 30, 2023)**
- Starved Rock Lock and Dam – Miter Gate Machinery Replacement
 - Full closure scheduled **approx. 90-120 days (June 1-Sept. 30, 2023)**

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





UPPER MISSISSIPPI RIVER RESTORATION (UMRR)



Design/Construction Underway

- Steamboat Island
- Pool 12
- Beaver Island
- Keithsburg Division
- Huron Island



Feasibility Underway

- Lower Pool 13
- Green Island
- Pool 12 Forestry
- Quincy Bay



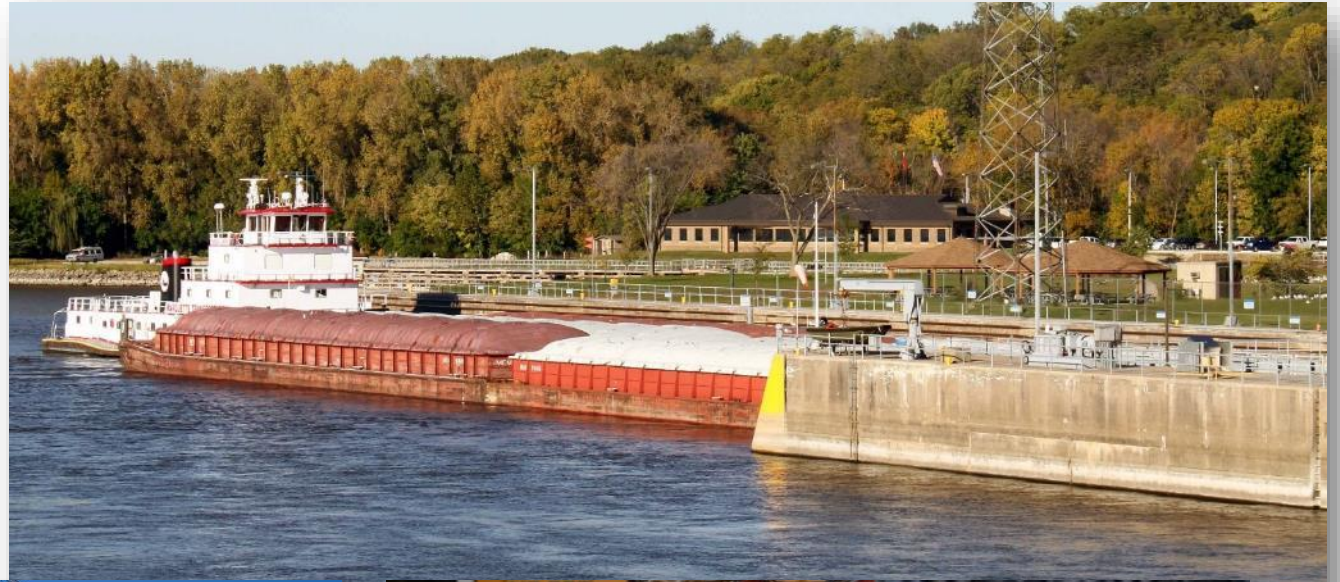
Program website:

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

OPERATIONS & MAINTENANCE – MISSISSIPPI RIVER

Mississippi River Project (\$50M IJA)

- L&D Scour Repair
- Lock Damage Repairs
- Lock Guide Wall Work
- Bulkhead Lifters
- Hydraulic Cylinders
- Miter Gate Anchorages
- Tainter Gates
- Electrical Work
- Dredging





OPERATIONS & MAINTENANCE – ILLINOIS WATERWAY

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Illinois Waterway Project (\$83.3M IJJA)

- 2023 Closures Work
- Miter and Sector Gate Maintenance/Replacement
- L&D Equipment Replacement
- Wicket Gate Replacement
- Sector Gear and Electrical Work





OPERATIONS & MAINTENANCE – FLOOD RISK MANAGEMENT LAKES

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Saylorville Lake (\$17M IJA)

- Construction of Administration and Maintenance Facility



Lake Red Rock

US Army Corps of Engineers
Office and Visitor Center

Lake Red Rock (\$14.5M IJA)

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



Coralville Lake (\$2.6M IJA)

- Shoreline Erosion Repairs
- Road Repair
- Address Damaged Restrooms and Shower Buildings
- Control Tower Maintenance
- Sandblast/Paint Water Tower



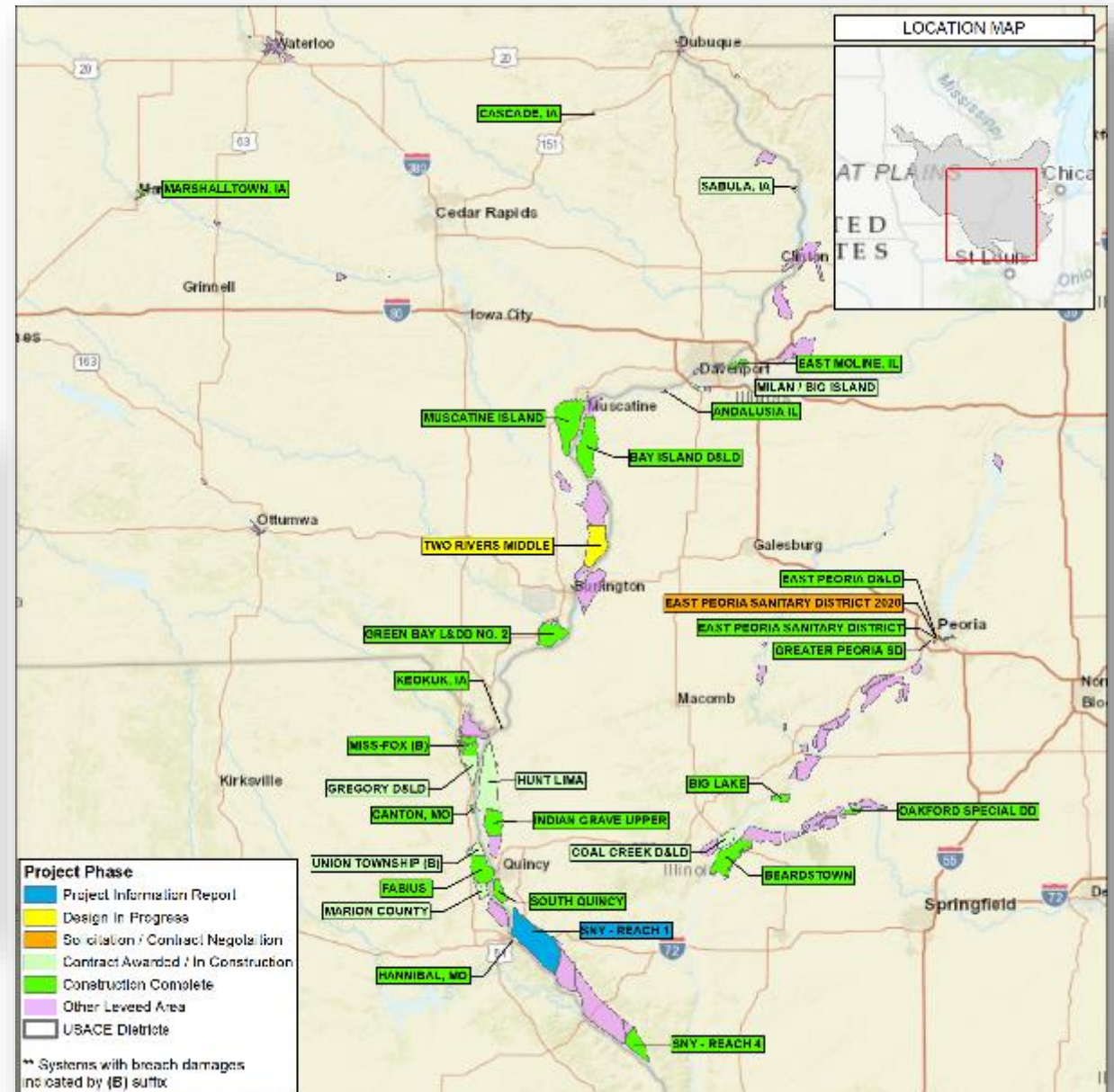
PL 84-99 REHABILITATION STATUS



Project Information Report Phase: 1
 Design Phase: 1
 Solicitation/Contract Negotiation: 1
 Contract Award/In Construction: 6
 Complete: 21
 Total Projects: 30



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





EMERGENCY REPAIRS (PL 84-99)



| Project | Location | Anticipated Advertisement | Estimated Range |
|-------------------------------|-----------------------|---------------------------|-----------------|
| Hunt Lima Levee Repairs | Hancock County, IL | Solicitation Underway | \$5 - \$10M |
| Two Rivers Levee Repairs | Des Moines County, IA | 3 rd Qtr FY22 | \$1 - \$5M |
| East Peoria Sanitary District | Tazwell County, IL | 3 rd Qtr FY22 | \$500K - \$1M |
| Sny Levee Repair Reach 1 | Pike County, IL | 1 st Qtr FY23 | \$250K - \$500K |



NAVIGATION & STRUCTURAL



| Project | Location | Anticipated Advertisement | Estimated Range |
|--|---------------------|---------------------------|-----------------|
| Dresden Miter Gate Install, Machinery & Electrical Replacement | Will County, IL | 3 rd Qtr FY22 | >\$10M |
| Brandon Rd Miter Gate Install & Machinery Replacement | Will County, IL | 4 th Qtr FY22 | >\$10M |
| Starved Rock/Marseilles Miter Gate Machinery Replacement | La Salle County, IL | 4 th Qtr FY22 | \$5M-\$10M |
| Lock and Dam 21 Concrete Replacement | Adams County, IL | 4 th Qtr FY22 | \$1M-\$5M |
| Red Rock Sluice Gate Renovations | Marion County, IA | 4 th Qtr FY22 | \$1M-\$5M |
| Red Rock Tainter Gate Fabrication | Marion County, IA | 4 th Qtr FY22 | \$5M-\$10M |

CIVIL, CHANNEL & ECOSYSTEM RESTORATION



| Project | Location | Anticipated Advertisement | Estimated Range |
|--|-------------------|---------------------------|-----------------|
| Saylorville Water & Sewer Infrastructure Repairs | Polk County, IA | 3 rd Qtr FY22 | \$1M-\$5M |
| Saylorville Trash Rack Debris Removal | Polk County, IA | 3 rd Qtr FY22 | \$100K - \$500K |
| Red Rock Waterline Replacement | Marion County, IA | 4 th Qtr FY22 | \$500K-\$1M |
| Red Rock Shoreline Protection | Marion County, IA | 3 rd Qtr FY22 | \$1M-\$5M |
| Saylorville Shoreline Repairs | Polk County, IA | 2 nd Qtr FY22 | \$1M-\$5M |
| UMRR Steamboat Island Stage I HREP | Cinton County, IA | 4 th Qtr FY22 | \$1M-\$5M |

BUILDING RENOVATIONS – 88TH RD & OTHERS



| Project | Location | Anticipated Advertisement | Estimated Range |
|---|-----------------------|---------------------------|-----------------|
| CELRE - Detroit Area Office, Building 403 & 405 Renovation | Detroit, MI | 2 nd Qtr FY22 | \$1M-\$5M |
| 88 th RD - Renovate OMS and Storage Building | Homewood, IL | 2 nd Qtr FY22 | \$1M-\$5M |
| 88 th RD - Expand Front Entrance and Repair Gate | Milwaukee, WI | 3 rd Qtr FY22 | \$1M-\$5M |
| 88 th RD - Provide Energy and resiliency upgrades for Various Building | Arlington Heights, IL | 3 rd Qtr FY22 | \$1M-\$5M |
| 88 th RD - Renovate USARC Building | Waterloo, IA | 4 th Qtr FY22 | \$1M-\$5M |

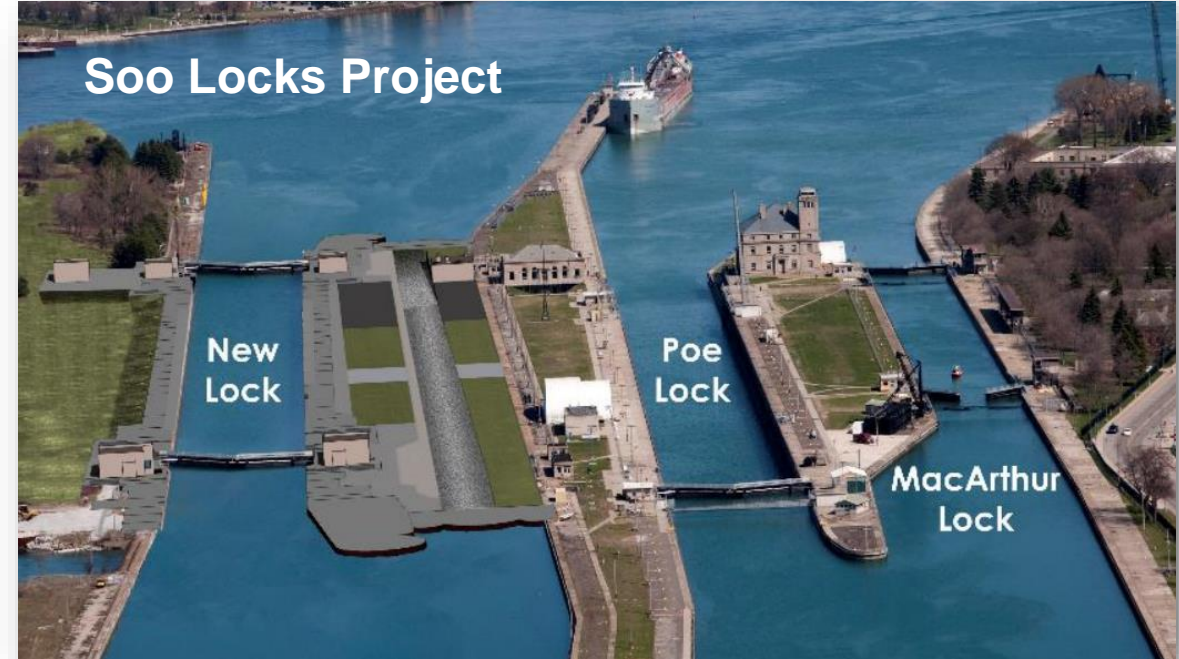


INLAND NAVIGATION DESIGN CENTER (INDC)

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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)**



UPCOMING AE SERVICES IDIQ MATOC

- ~\$249 Million
- Shared Capacity between awarded contracts
 - Small Business Reserve - \$40 Million
- Minimum 3 unrestricted (large business) contracts
- Minimum 3 restricted (small business) contracts
- Solicitation anticipated summer 2022
 - Contracting will post to sam.gov when date is known
- 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





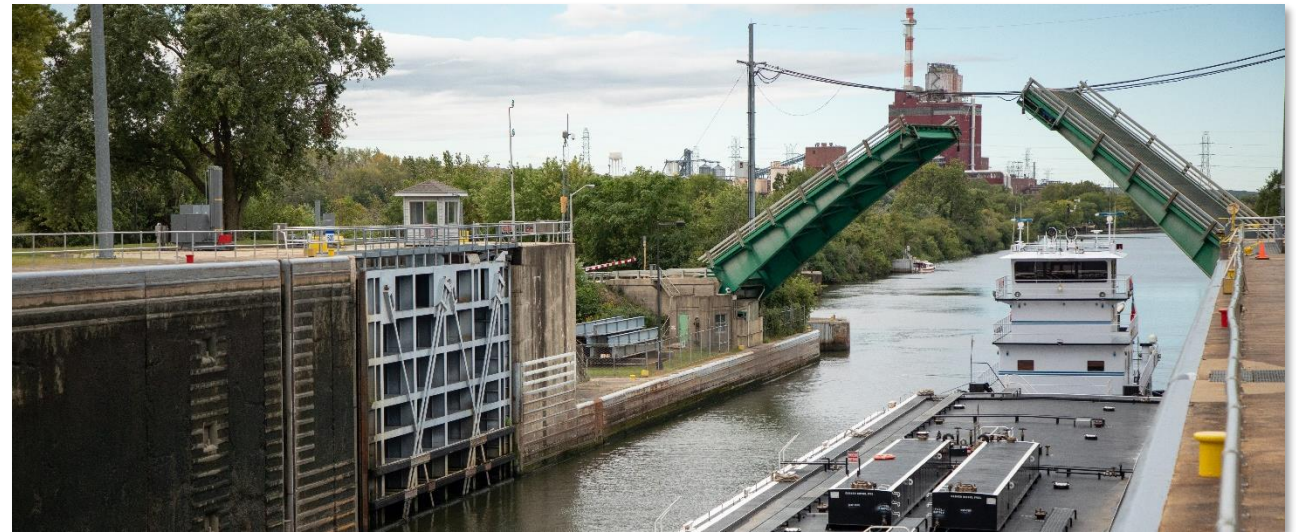
UPCOMING AE SERVICES IDIQ MATOC: TECHNICAL REQUIREMENTS



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, biology, archaeology, and cartography





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

The screenshot displays the US Army Corps of Engineers Rock Island District Website. The navigation bar includes links for About, Business With Us, Missions, Locations, Careers, Media, Library, Contact, and Coronavirus. The main content area features a section titled "COVID-19 Information for Contractors" with four numbered items providing contact information and resources for contractors affected by COVID-19. Below this is a section titled "Small Business Program" which describes the Rock Island District Small Business Program and its goals. A table titled "FY22 Small Business Program Goals" lists various categories and their corresponding goals. On the right side, there is a "Useful Links/Resources" section with links to SAM.gov, contracting opportunities, and other relevant resources.

| Small Business Programs | Goal |
|---|------|
| Small Business | 48% |
| Small Disadvantaged Business | 30% |
| Woman Owned Small Business | 12% |
| HUBZone Small Business | 14% |
| Service Disabled Veteran Owned Small Business | 5% |



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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Construction Branch
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Contracting Division
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Regulatory Branch
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Emergency Management
Sarah Jones
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Inland Navigation Design Center
Tom Heinold (*acting*)
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QUESTIONS?

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