

WATERWAYS COUNCIL INC

WATERWAYS SYMPOSIUM

St. Louis, Mo

**Colonel Kevin Golinghorst
Commander, St. Louis District**

3 November 2021

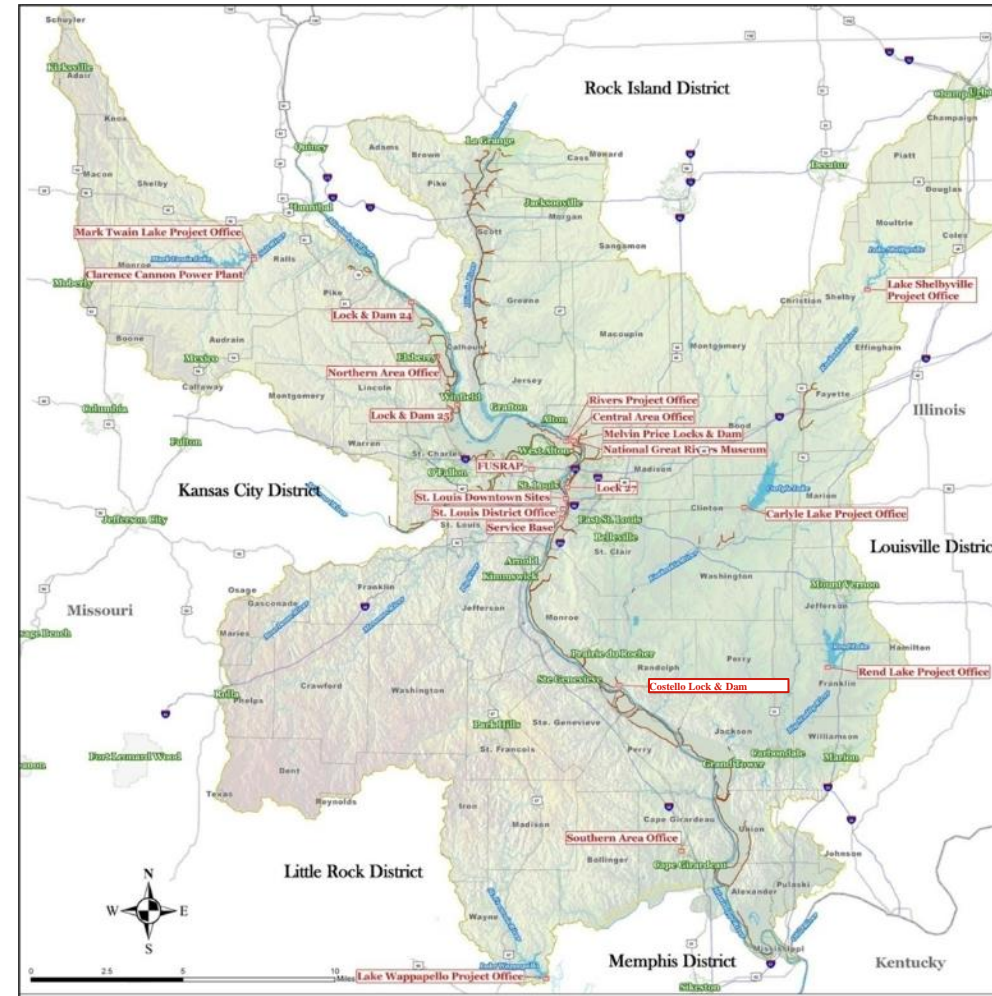


**US Army Corps
of Engineers®**



AGENDA

- MVS Geographic Overview
 - Navigation Mission
 - Congressional Members
- Operations and Maintenance
- FY23 Lock Closures
- 2019 High Water
- Dogtooth Bend
- Hurricane Response
- Questions



US Army Corps
of Engineers



NAVIGATION MISSION

How We Keep Commerce Moving:

Water Management

- Monitor River, Reservoir, Tributary Gages
- River Stage Forecast
- Navigation Pool and Reservoir Management
- Communication with Industry/Public

Locks and Dams

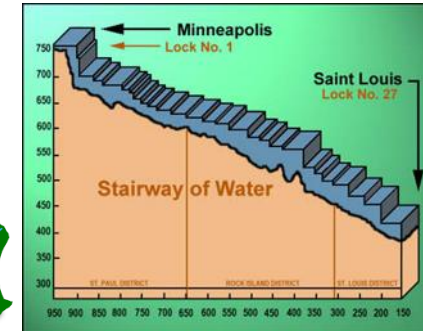
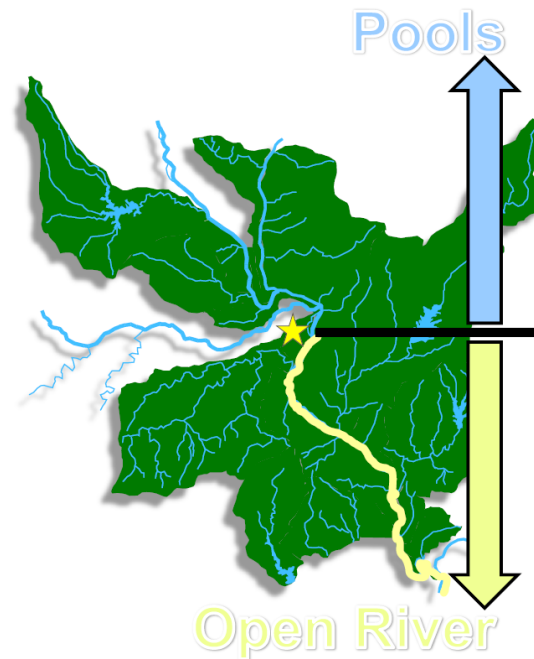
- Operation and Maintenance
- National Strategy

Dredging

- Channel Patrol/Reconnaissance
- Surveys
- Dredge – Government and Contractor Plant
- >3M cubic yards dredged annually

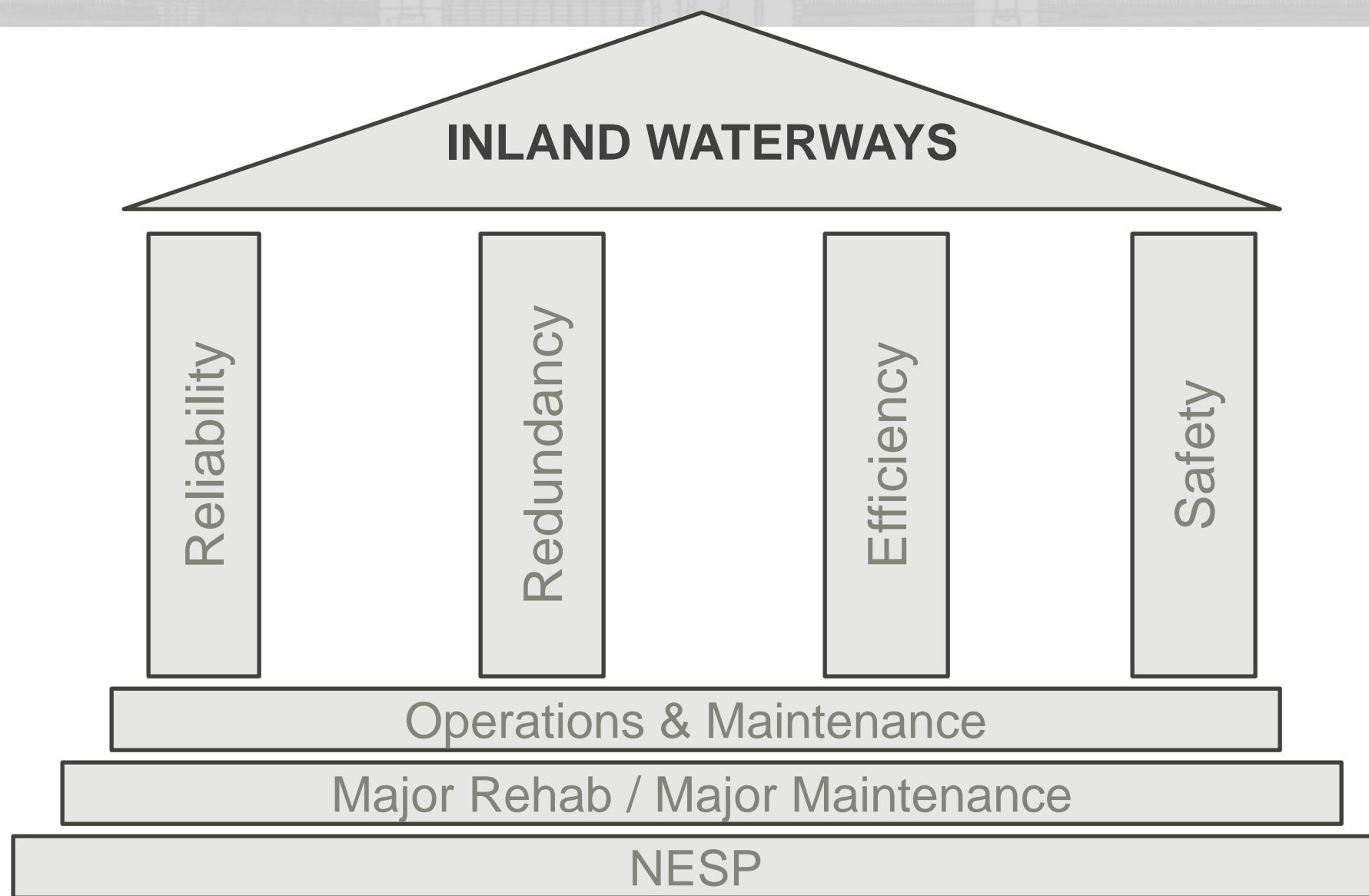
River Engineering

- Improvements to channel and environment
- Model Studies
- Construction



US Army Corps
of Engineers®

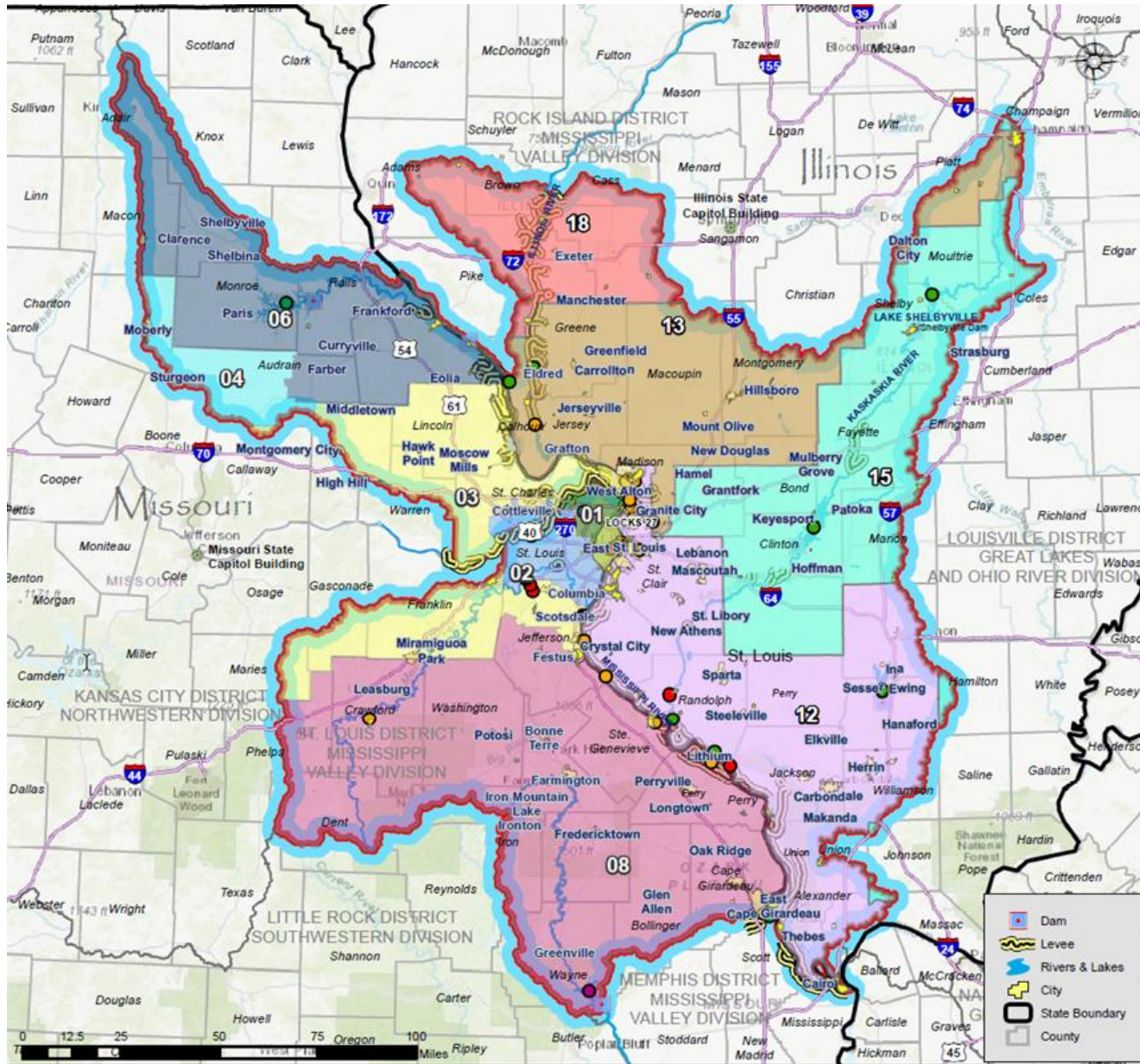




US Army Corps
of Engineers ®



117th Congress & St. Louis District Boundary



117th Congress Missouri

Name:

- Cori Bush (D-1)
- Ann Wagner (R-2)
- Blaine Luetkemeyer (R-3)
- Vicky Hartzler (R-4)
- Sam Graves (R-6)
- Jason Smith (R-8)

117th Congress Illinois

Name:

- Mike Bost (R-12)
- Rodney Davis (R-13)
- Mary Miller (R-15)
- Darin LaHood (R-18)

Governor and U.S. Senator

ILLINOIS

Governor Jay Robert "J.B. Pritzker (D)

Senator Richard Durbin (D)

Senator Tammy Duckworth (D)

MISSOURI

Governor Michael L. Parson (R)

Senator Roy Blunt (R)

Senator Josh Hawley (R)



OPERATIONS AND MAINTENANCE

FY21 Execution and FY22 Planning

Fiscal Year 2021 Delivery

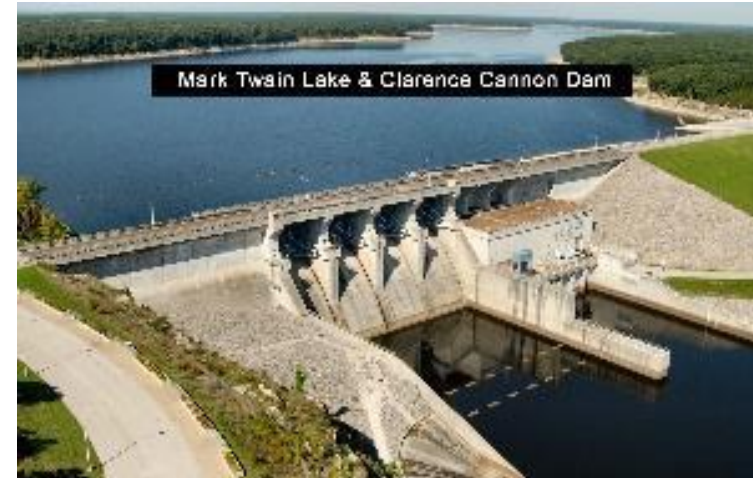
- O&M Financial Summary, over \$112 Million FY21 O&M / MR&T Funding
- Focus is on reducing outyear O&M costs by identifying efficiencies, addressing the highest priorities and reinvesting resources to provide a long-term sustainable program.
 - \$1.6 Million in cost Saving measures
 - \$14 Million for Replacement of Upstream Lift-Gate System at Mel Price Lock and Dam
- Critical Infrastructure Updates
 - Completed Lock 25 Miter Gate Upstream Anchorages
 - Completed Locks 27 Liftgate Hoisting Chains Replacement/Upgrade
 - Completed L25 Bulkhead Crane Installation
 - Award contracts for Mel Price Liftgate Replacement
 - Completed Waterline/Sewer line Replacement at multiple locations
 - Completed Clarence Cannon Dame Excitation/Voltage Regulator replacements

Fiscal Year 2022 Preparation

- Out Year Planning
 - Extensive Planning throughout FY21 left District well positioned for FY22 President's Budget; competing for America Jobs Act funding to further reduce backlog
 - Over \$300 Million in Backlog of Maintenance

MVS PARTNERING EFFORTS

- Over \$5.3 Million in Leveraged Dollars in FY21; hitting our annual goal of 3-5% of the fiscal year's budget



Lock Closures FY23

Brandon Road (ILR 286) closed Jun-Sep 2023

- Dewater lock, install new upper miter gates and new miter gate machinery

Dresden Island (ILR 272) closed Jun-Sep 2023

- Dewater lock, install new upper miter gates, electrical system rehab, new miter gate machinery, and new tainter valve slots

Marseilles (ILR 245) closed Jun-Sep 2023

- Dewater lock, install new miter gate machinery, and electrical system rehab

Starved Rock (ILR 231) closed Jun-Sep 2023

- Install new miter gate machinery

Lock 24 (UMR 273) closed Jan-Feb 2023 (60 days)

- Dewater lock, repair damages from accidents

Lock 25 (UMR 241) closed Jan-Mar 2023 (60 days)

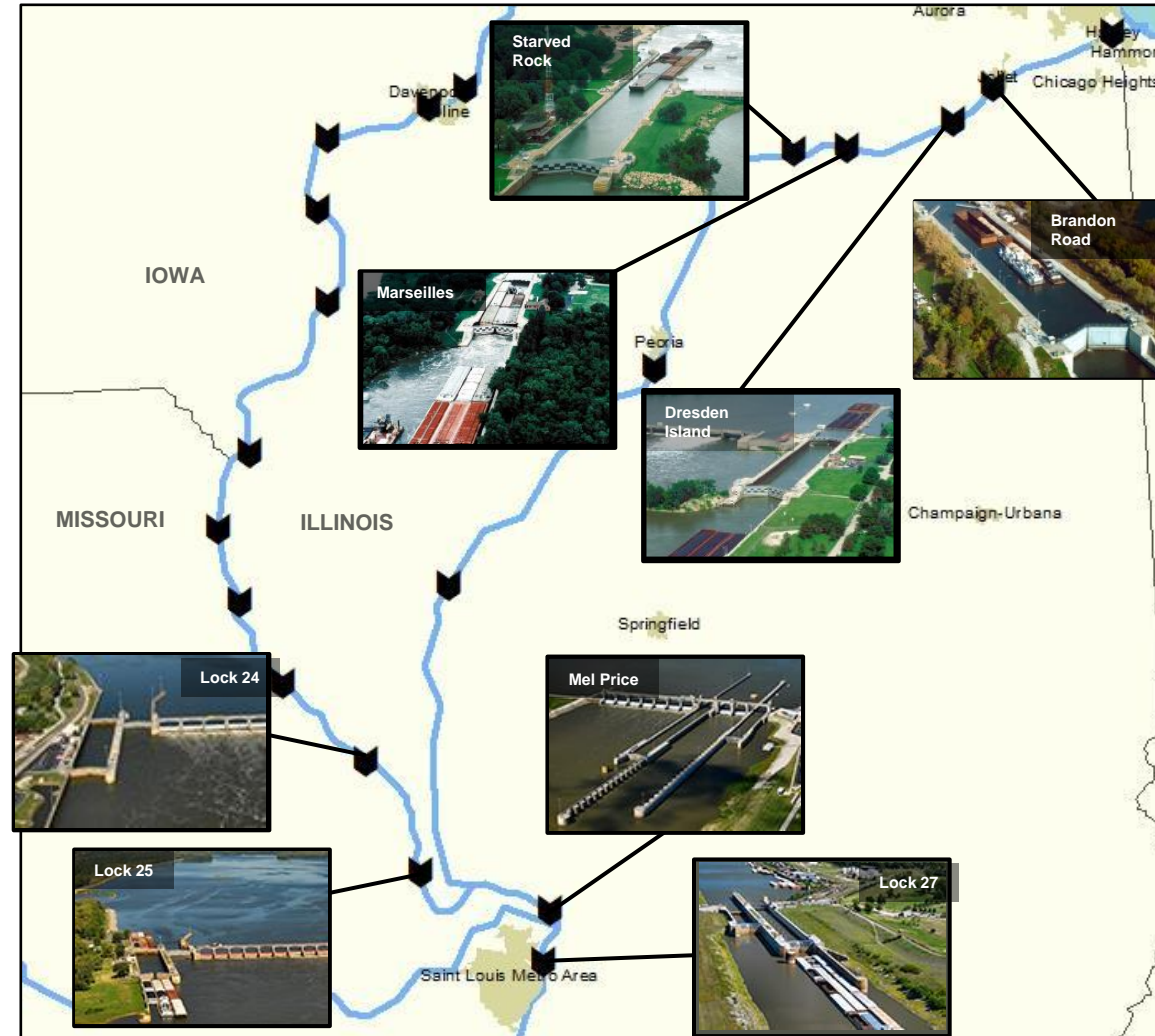
- Complete guidewall cribbing repairs, repair damages from accidents

Mel Price (UMR 201) closed Jan-Mar 2023 (90 days)

- Main Lock, modifications to overlook piers, liftgate replacement
- The Aux Lock will remain open

Lock 27 (UMR 186) closed Jan-Mar 2023 (75 days)

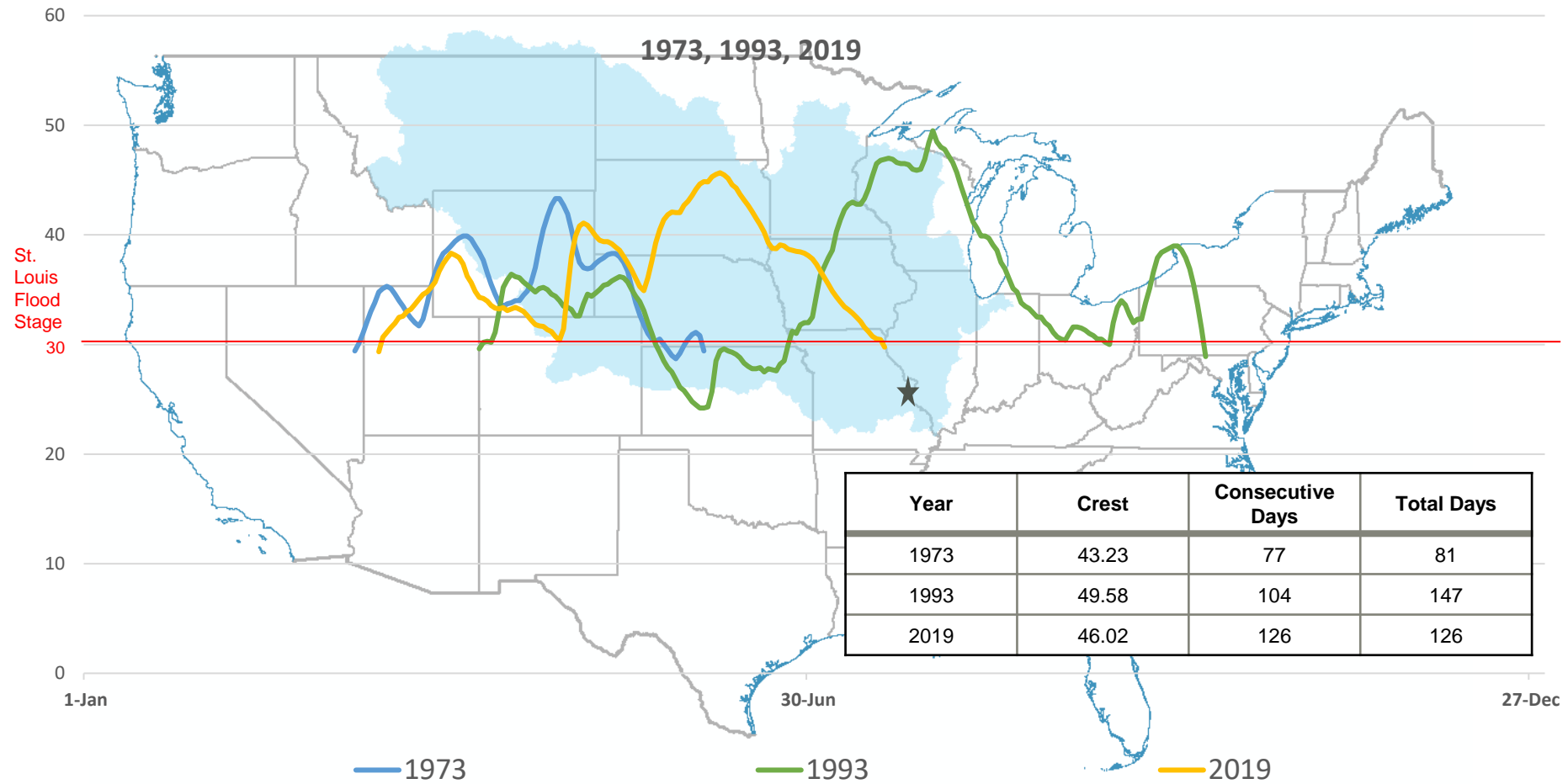
- Main Lock, Replace Miter Gate anchorages
- The Aux Lock will remain open



US Army Corps
of Engineers



MISSISSIPPI RIVER FLOODS AT ST. LOUIS



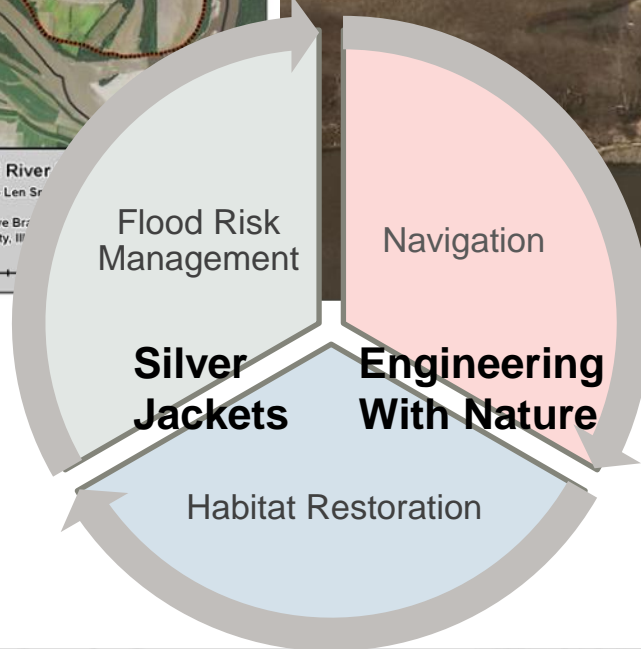
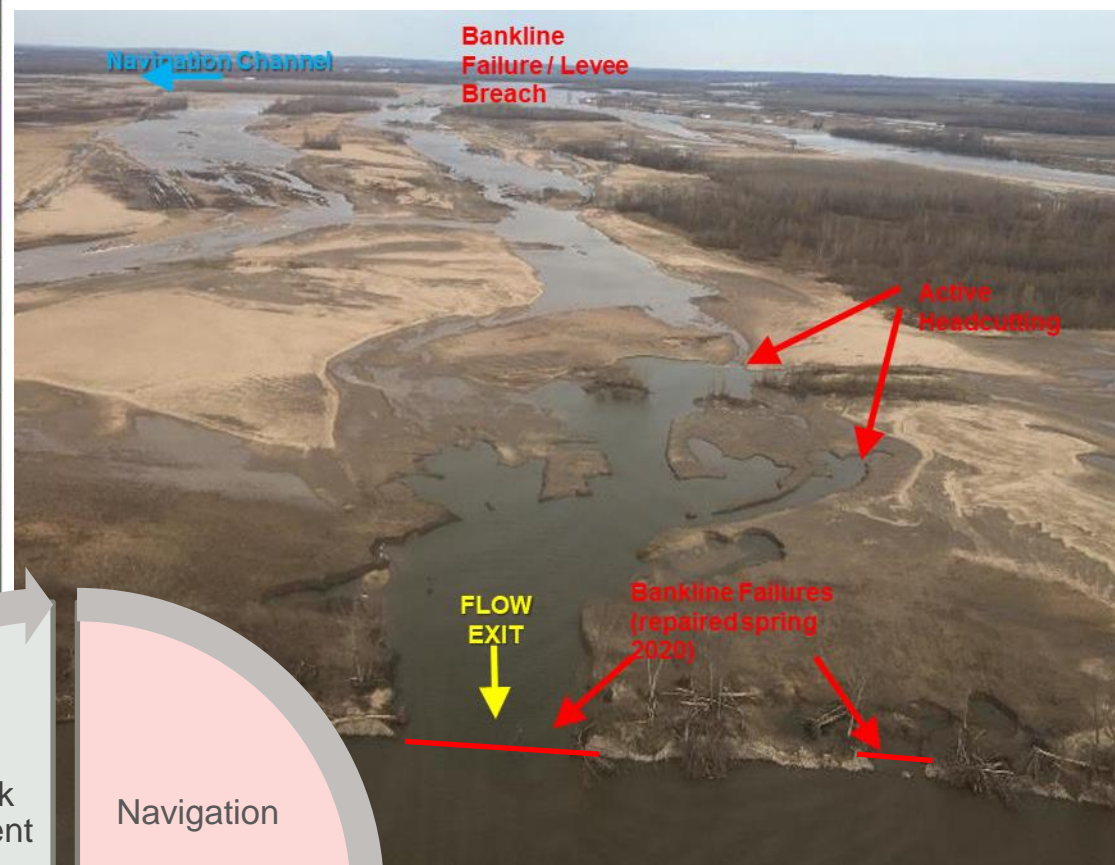
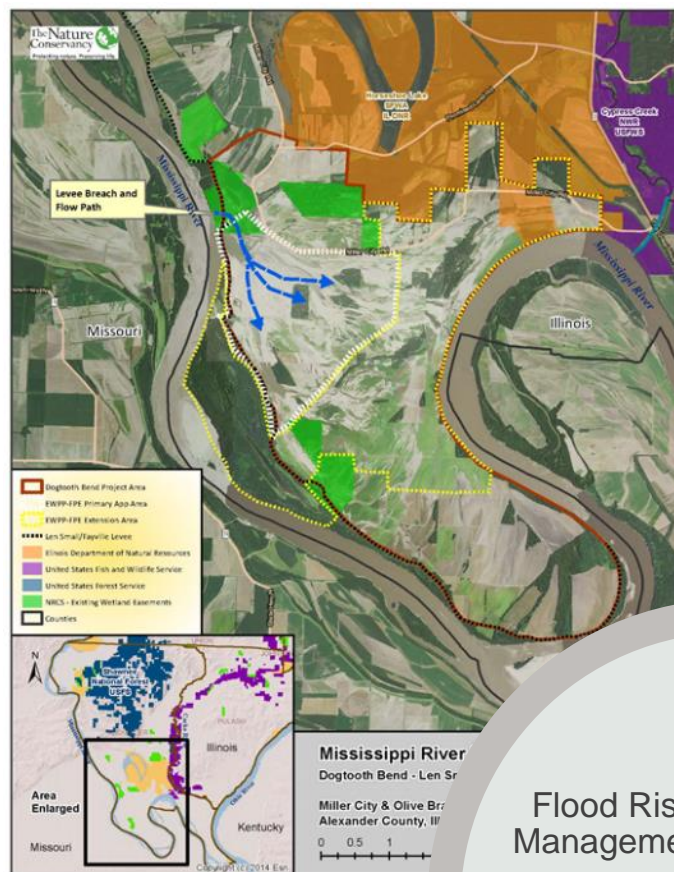
1993 VS 2019 FLOOD RESPONSE COMPARISON

	1993 (inflation adjusted)	2019
Crest – St. Louis Gage	49.58'	46.02'
Days of EOC activation	58	136
MVS Personnel Engaged	397	85
FCCE 200 series funding	\$16M (\$28M)	\$5M
Sandbags	13,751,000	319,200
Rolls Poly Sheeting	9,044	289
Pumps	112	14
Breaches	126	14
Leveed Acres Inundated	1,407,574	100,953 (MO&IL)
Estimated Levee Repair Cost	\$83M (\$147M)*	\$40M

* Escalated to current dollars



DOGTOOTH BEND



https://ewn.erdcdren.mil/?page_id=3538



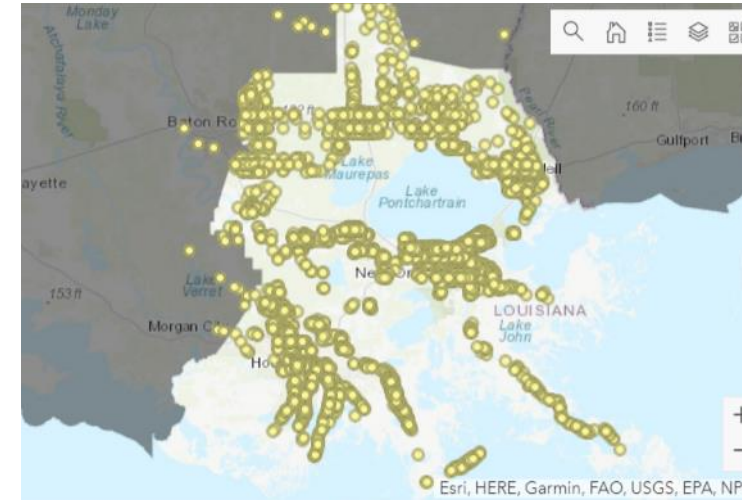
**US Army Corps
of Engineers**
St. Louis District®

MVS Hurricane Response

September 2021
COL Kevin Golinghorst
Commander

KEY MESSAGES:

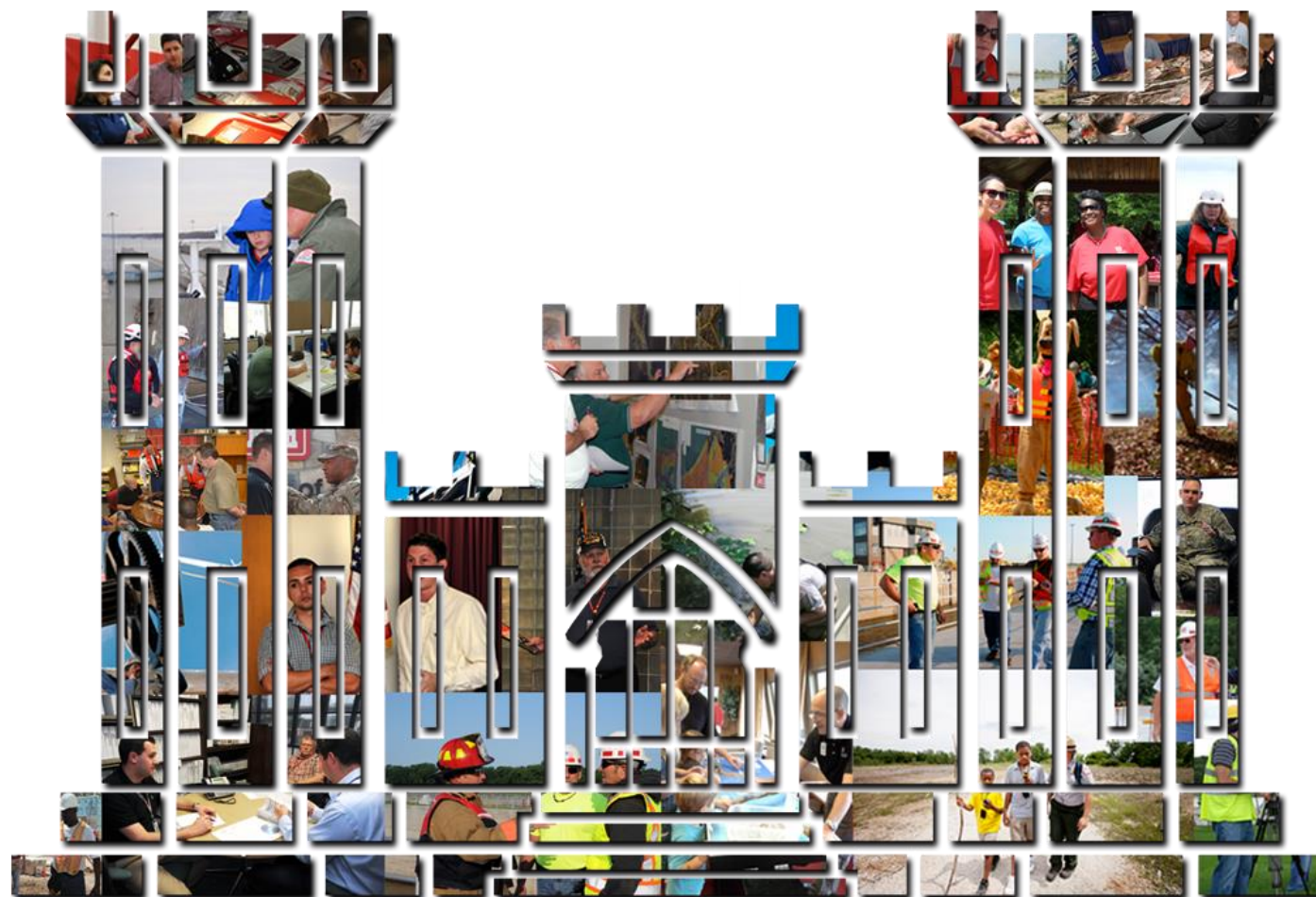
- Hurricane Ida MVS Temporary Roofing Mission - over 70,000 requests for assistance.
- MVS employees from across all Divisions are supporting the Roofing Mission.
 - PRT staff deployed downrange to Louisiana and Alabama.
 - Remote QA support from MVS and NWO.
- MVS ECCV-10 is alerted and ready to deploy when called to Louisiana.
- Overall mission is estimated at over 33,600 blue roofs installed.



**US Army Corps
of Engineers**®



QUESTIONS?



US Army Corps
of Engineers®

