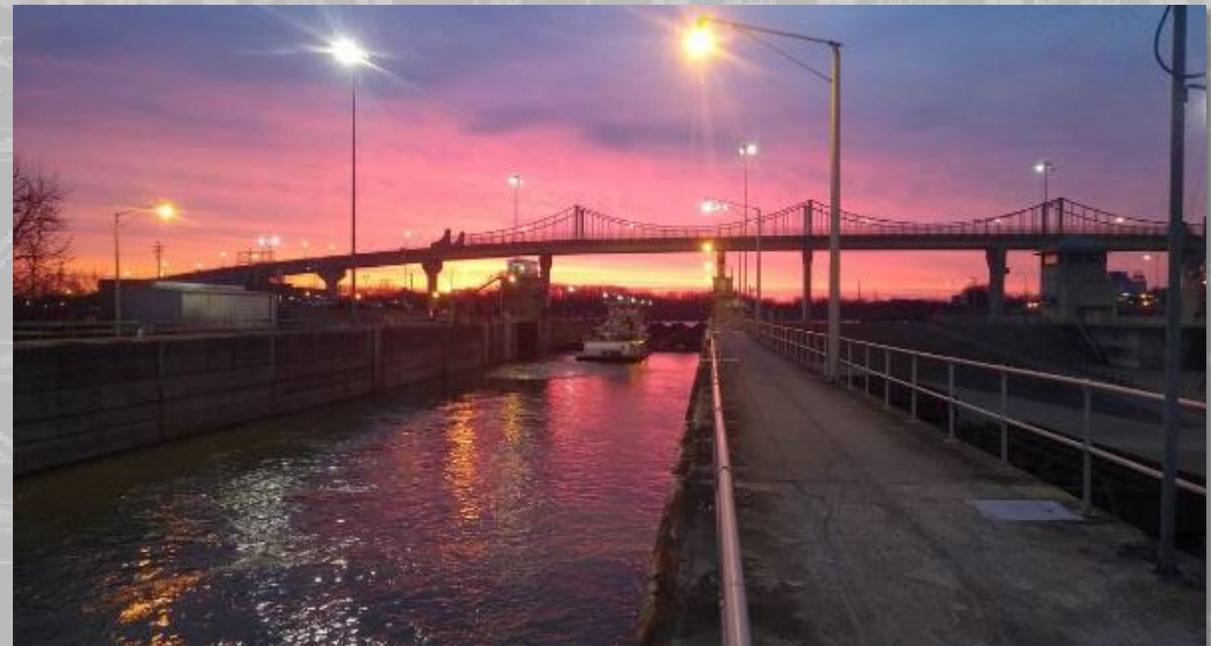


USACE 101

Brandon Brummett
Outreach Coordinator

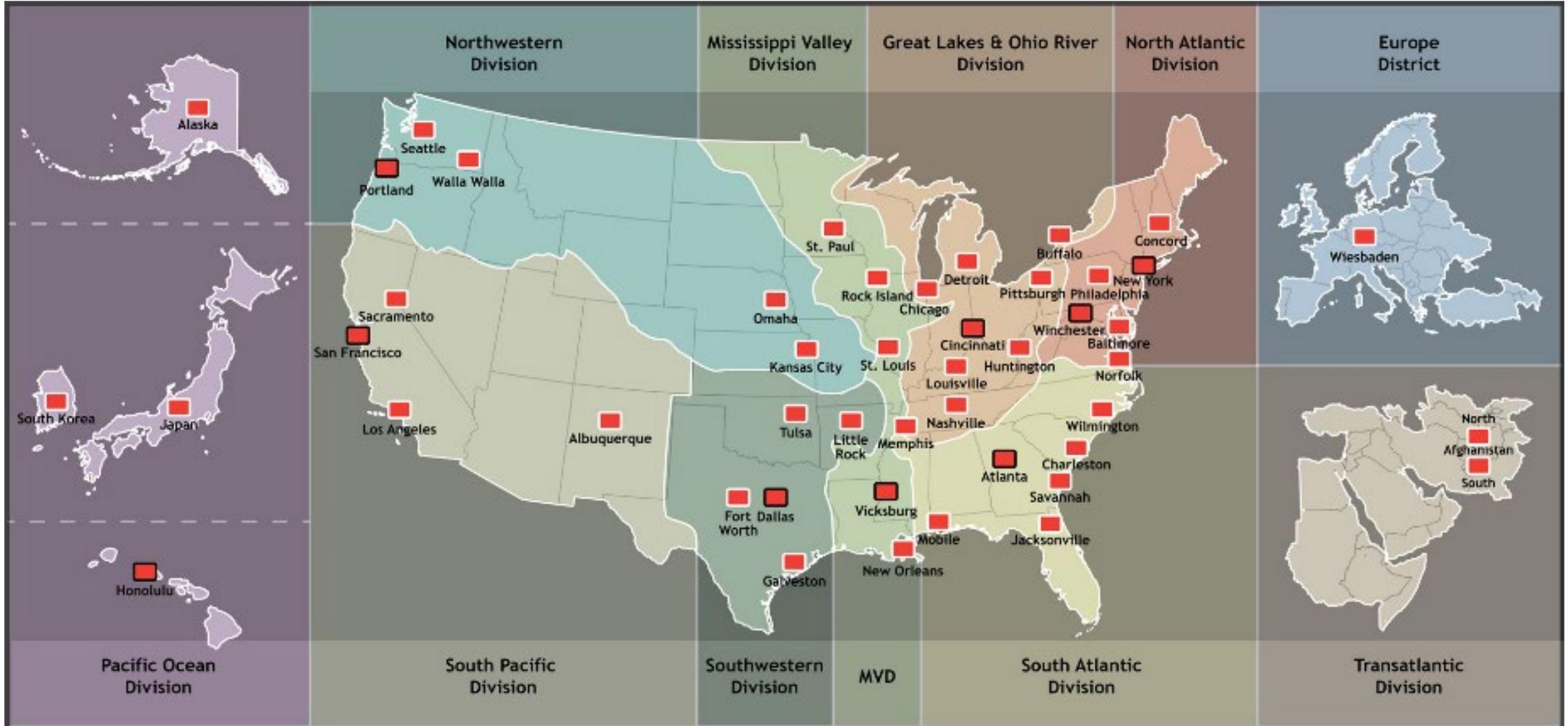
Date: 16 September 2022



US Army Corps
of Engineers®



USACE DISTRICTS



 State/Country Boundaries
  Division Boundaries
  Division Headquarters
  District Headquarters

BUILDING STRONG.



Assistant Secretary of the Army (Civil Works)
Washington, DC

A man in a dark suit and tie, standing in front of an American flag and a military crest.

USACE Headquarters
Washington, DC

A man in a military uniform, standing in front of an American flag and a military crest.



Great Lakes & Ohio River Division
Cincinnati, OH
(9 Divisions)

A woman in a military uniform, standing in front of an American flag and a military crest.



District Level
Louisville, Chicago
Detroit
(44 Districts)

Three men in military uniforms, each standing in front of an American flag and a military crest.



MAJ
Guillermo Gansaque
Deputy Commander



Col Eric D. Crispino
Commander



Linda Murphy
Deputy District
Engineer



Kirk Dalley
Construction



Eric Reusch
Regulatory



Misty Beck
Contracting



John Beck
Engineering



Vicki Schneider
Command



Waylon
Humphrey
Operations



Ashley
Klimaszewski
Real Estate



Matt Lowe
DNA Program



Anne Mulhall
Strategic Business
Integration



Hanna White
EEO



Kaitlyn Newton
Public Affairs



Jeremy Ball
Safety



Vicki Vasquez
Resource Mgmt



Todd Peters
Internal Review



Crystal Harbin
Small Business



Brian Zeiss
CIO/G-6



Marnetta Page
Logistics



LOUISVILLE DISTRICT MISSIONS



- **Civil Works Missions**

- 17 lake projects: 8 in Kentucky, 5 in Indiana and 4 in Ohio
- 9 total locks and dams: 7 on the Ohio River (including Olmsted), 2 on Green River

- **Support to Military Customers**

- US Army & US Air Force
- US Army & Air Force Reserve

- **Support to other Federal Agencies**

- VA
- EPA
- FEMA
- Others

- **Environmental Missions**

- FUDS
- IRP
- BRAC

- **Other Missions**

- Emergency Management
- Real Estate





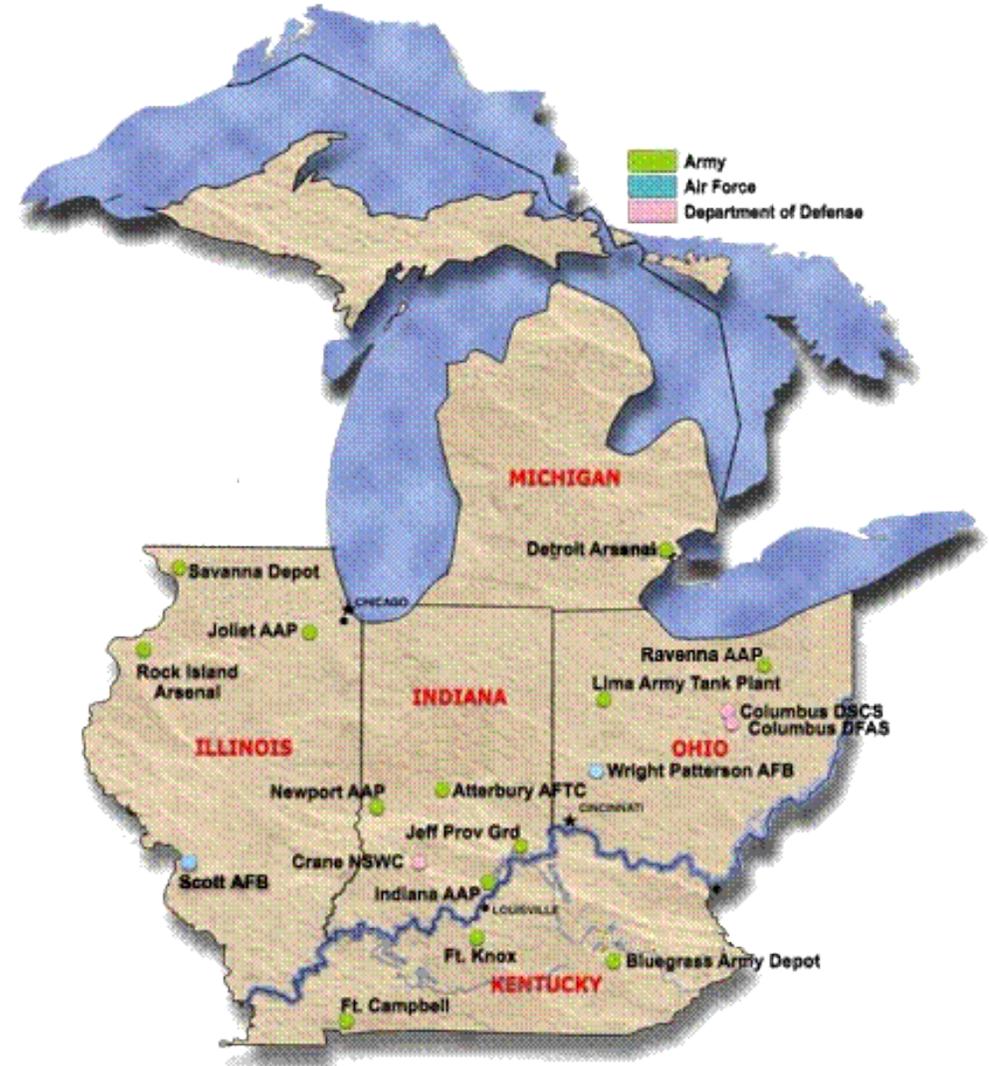
LRL MILITARY PROGRAM



The LRL Military program covers more than 306,000 square miles and supports the Army, Air Force and other Department of Defense agencies in 5 states (IN, IL, OH, MI and KY).

Installations Served:

- Fort Knox, KY
- Fort Campbell, KY
- Wright-Patterson AFB, OH
- Scott AFB, IL
- Rock Island Arsenal, IL
- Detroit Arsenal, MI





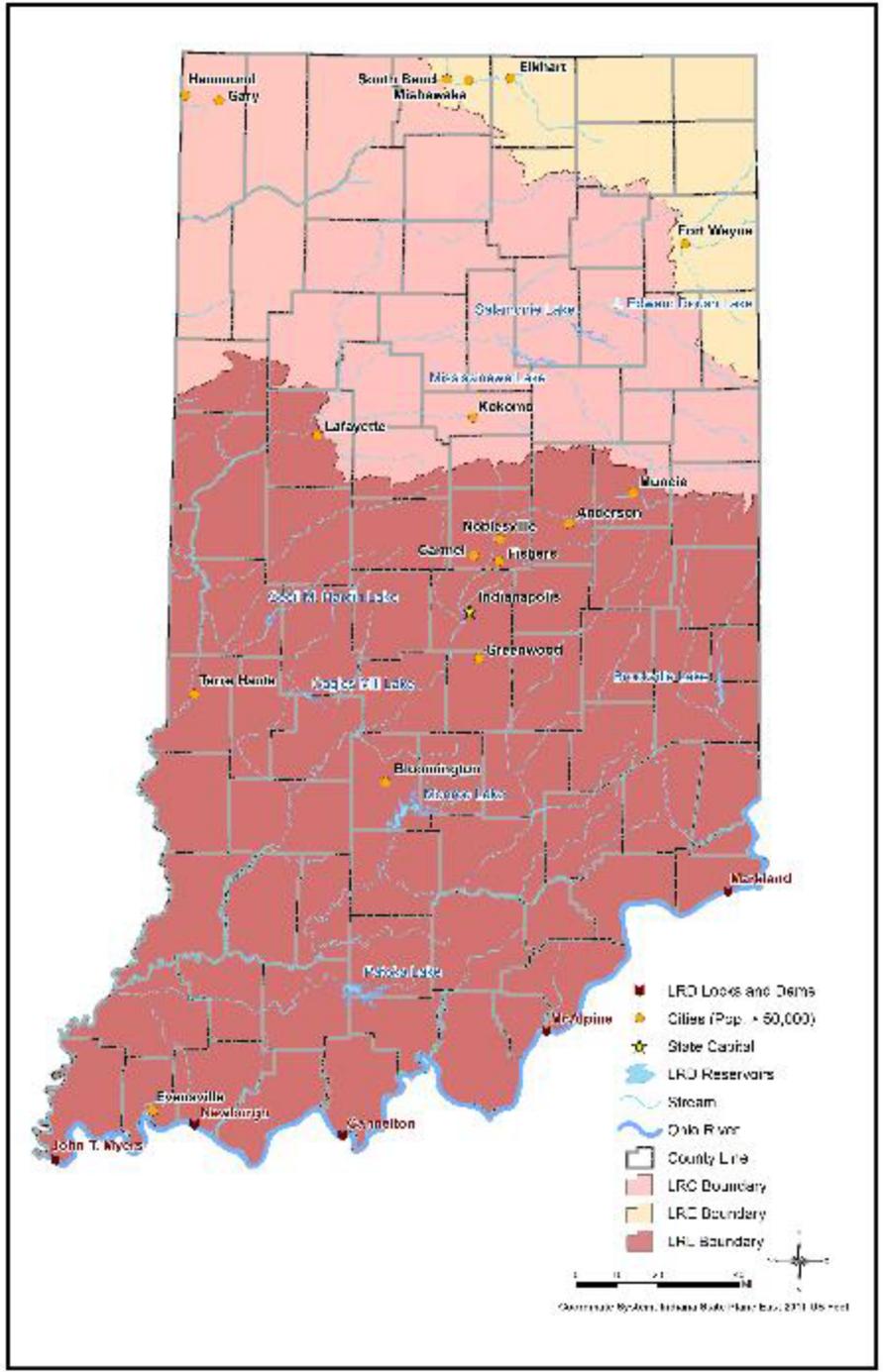
LRL CIVIL WORKS PROGRAM



The LRL Civil Works program is based on watershed boundaries and covers almost 67,000 square miles in 4 states (IN, IL, OH, and KY).

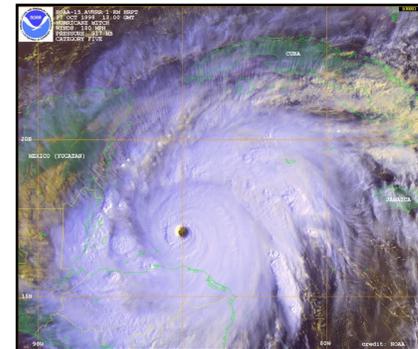
The civil works program focuses on responsible development, protection, and restoration of the nation's water and land resources.





CIVIL WORKS MISSIONS

- Navigation
- Flood and Storm Risk Management
- Aquatic Ecosystem Restoration
- Watershed Planning
- Emergency Management
- Regulatory Program
- *Hydropower*
- *Recreation*
- *Water Supply*





LRL REGULATORY PROGRAM



- Goals:
 - Protect the Nation's aquatic resources while allowing reasonable development
 - Fair, flexible and balanced decisions

- Authorities:
 - Section 10 of the Rivers and Harbors Act of 1899
 - Regulate structure or work on navigable waters – maintain navigable capacity
 - Section 404 of the Clean Water Act
 - Regulate discharge of dredged or fill material into “waters of the U.S.” - maintain physical, chemical and biological integrity of our nation's waters

- Applications Include: Industrial Developments; Subdivisions; Water and Sewer Infrastructure; “Mom and Pop” Projects; River Facilities; Farming Activities; Roads; Marinas; Coal Mining Proposals, etc.
 - Pre-Application meetings can help applicants by discussing timeline, requirements, etc.

- Work to get to YES!



US Army Corps
of Engineers®

OHIO RIVER MAINSTEM NAVIGATION SYSTEM

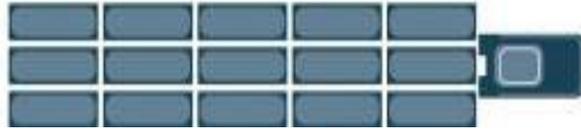
General Plan and Profile



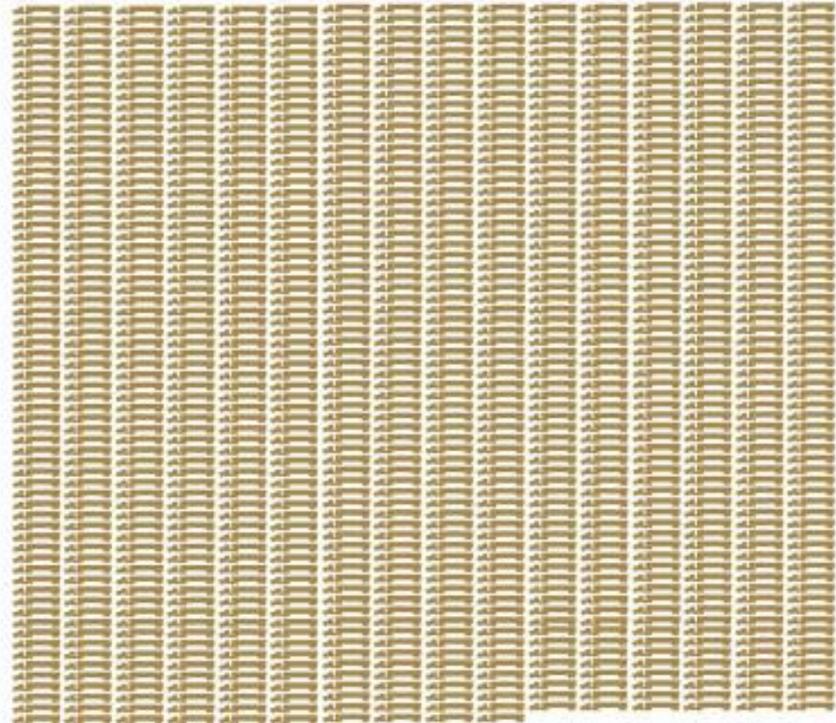
HOW MUCH?



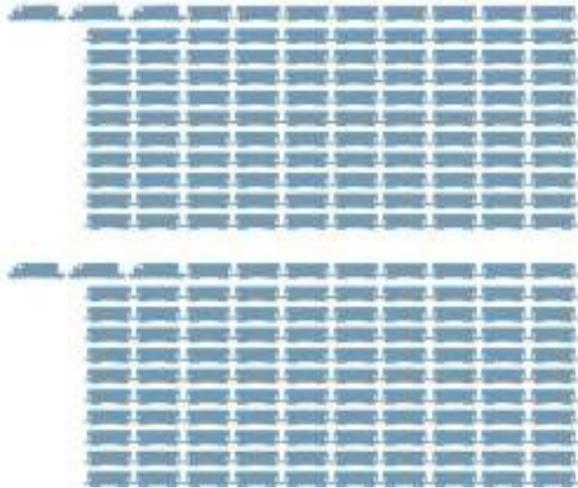
One 15-Barge Tow



1,050 Large Semi Tractor-Trailers



216 Rail Cars + 6 Locomotives





Authorization & Appropriation

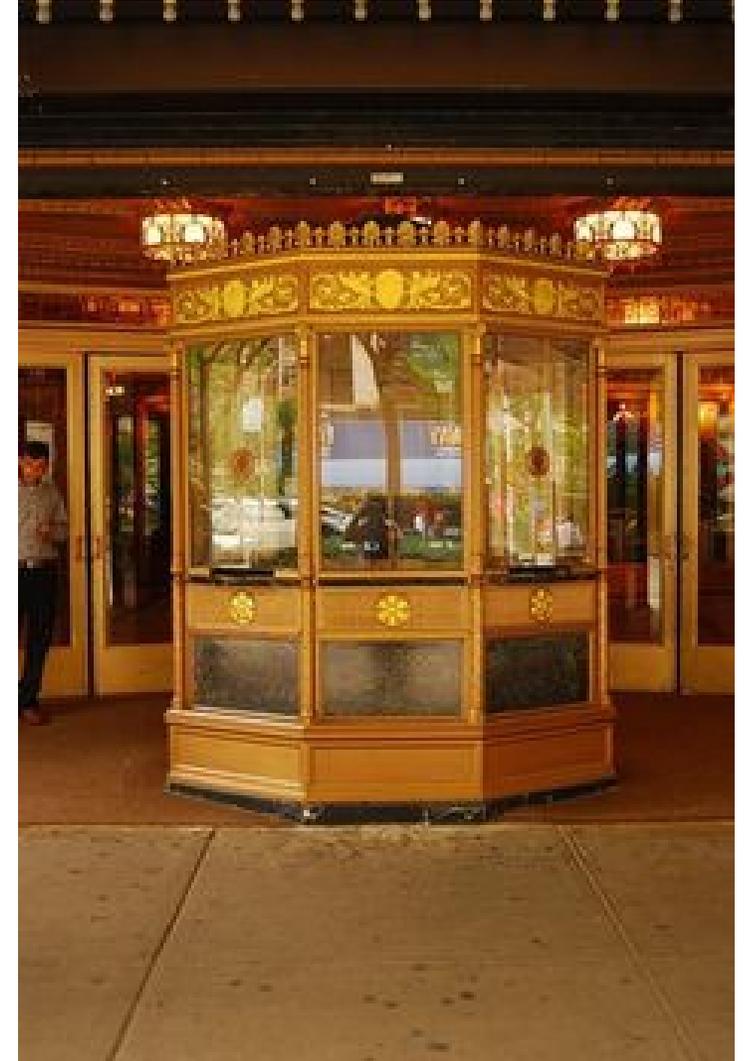


Authorization

- Permission for Study, program, or project
- Water Resources Development Act (WRDA)
- Committee resolution

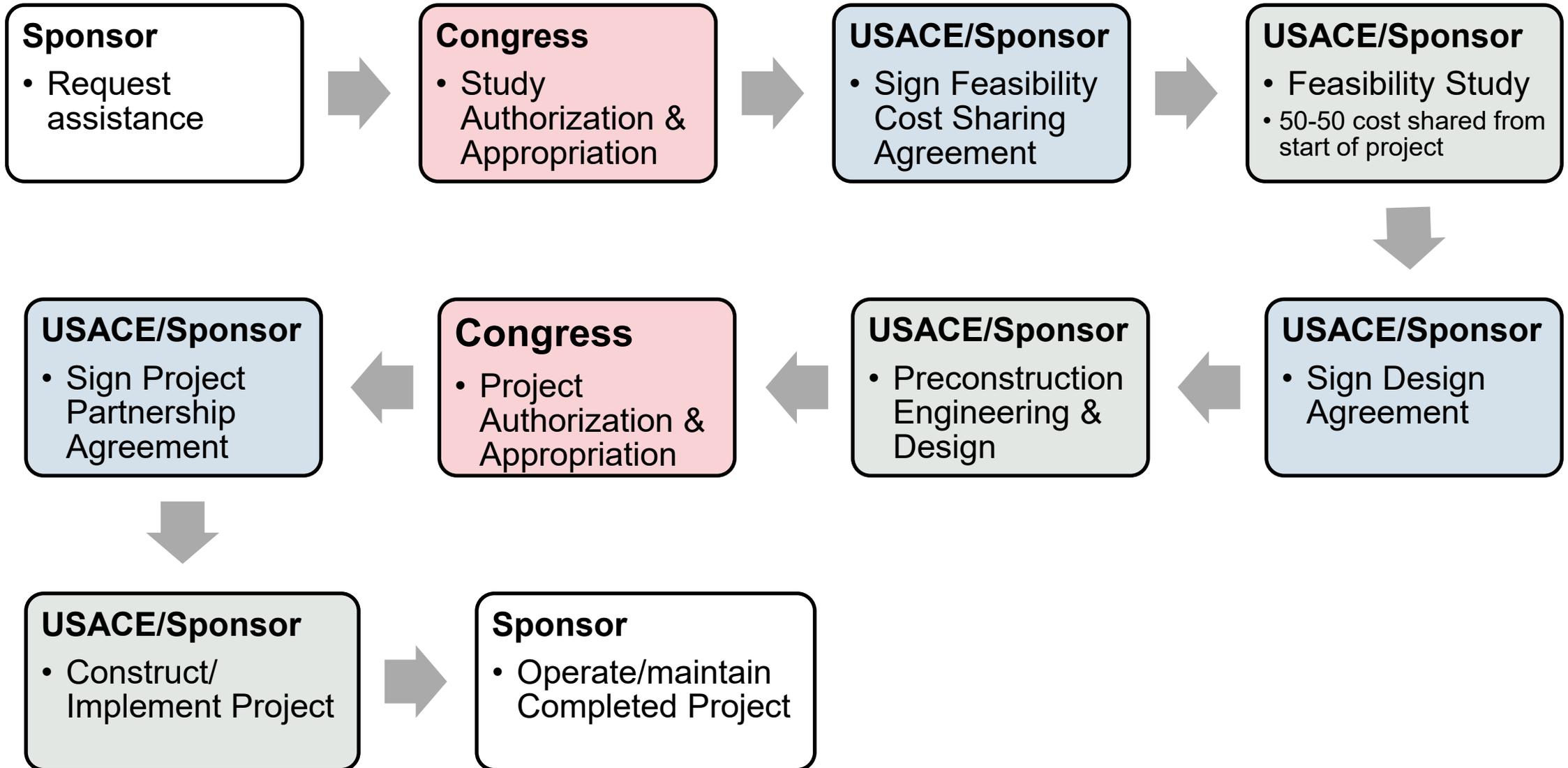
Appropriation

- Approval to obligate and expend funds for an authorized study program, or project
- Annual Energy & Water Development Appropriation Act (EWDA)





Specifically Authorized Project Process





METROPOLITAN LOUISVILLE, KY FLOOD PROTECTION SYSTEM

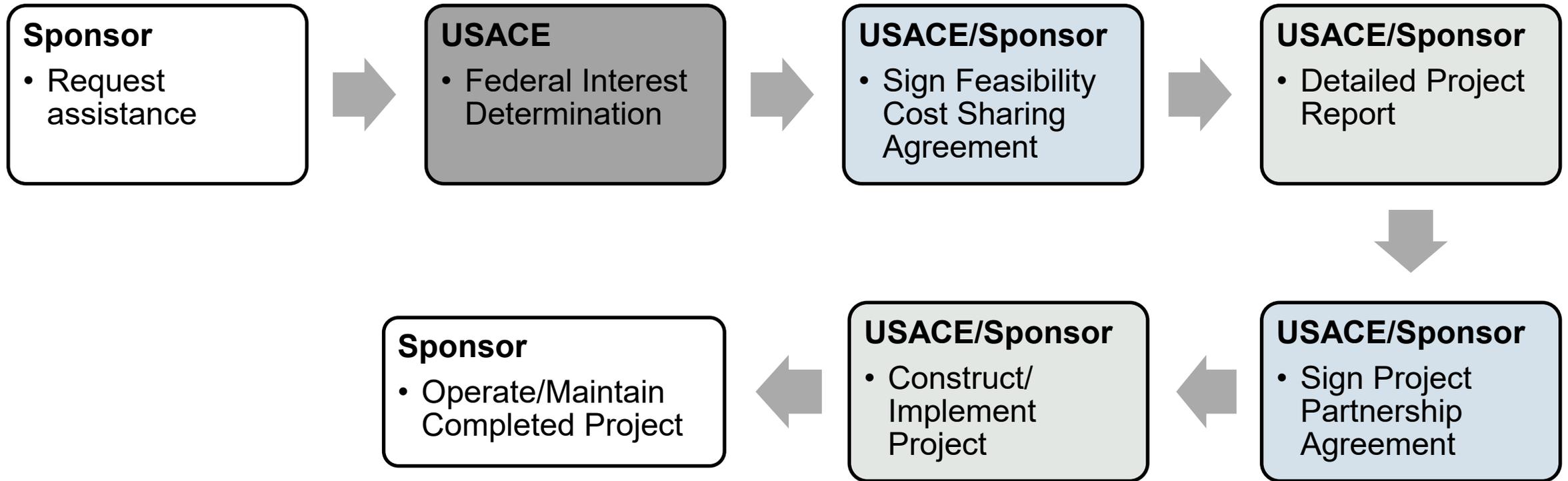


- Authorized by Section WRDA of 2007 & Section 216 of the Flood Control Act of 1970
- Study funded through 2018 Bipartisan Budget Act
- \$1.85M Study Cost, 100% federal
- Will examine rehabilitation work needed to repair/replace aging project features (built from 1947-1956)





Continuing Authorities Project Process





CONTINUING AUTHORITIES OVERVIEW



Authority	Description	Per Project Cost Limit (\$M)	Per Program Cost Limit (\$M)*
Section 14	Emergency Streambank Stabilization	5	25.5
Section 107	Navigation	10	63
Section 205	Flood Risk Management	10	69.25
Section 208	Flood Snagging/Clearing	0.5	8.0
Section 206	Aquatic Ecosystem Restoration	10	63
Section 1135	Ecosystem Restoration	10	50.5

* Limits were increased by \$500K from 2021-2024 per WRDA 2020



PORTLAND WHARF PARK



- \$4M Stabilization project
- Protects Historic Portland Wharf Park on National Register of Historic Places
- Also protects Louisville Riverwalk in Shawnee Park
- Local Sponsor was Louisville Metro Parks



OTHER PROGRAMS & AUTHORITIES



- Environmental Infrastructure
(Section 219, 594, 531)
- Planning Assistance to States (Section 22)
- Flood Plain Management Services Program
- Emergency Management (PL 84-99)



MADISON, INDIANA PLANNING ASSISTANCE TO STATES



- Total Study Cost - \$425K
- Study to understand potential flooding concerns in the Crooked Creek watershed in Madison, IN.
- Study will examine and model the basic hydraulics and hydrology of the watershed and refine channel hydraulics as well as preliminarily identify some potential flood risk management alternatives in Madison.





FLOODPLAIN MANAGEMENT SERVICES



- Indiana Dam Education & Awareness (IDEA)
 - \$85K interagency collaborative effort to promote dam education & awareness. 2 workshops held including tours of Mississinewa & Patoka Reservoirs.
- Indiana Wetland Education & Outreach
 - \$85K interagency collaborative effort to educate elected officials, administrators, and the public about the importance of wetlands in Indiana. 4 workshops held including site visits at nearby wetlands



Federal and National Partners



FEMA



Agencies



One Solution

State, Local, and Educational Partners





Partners!