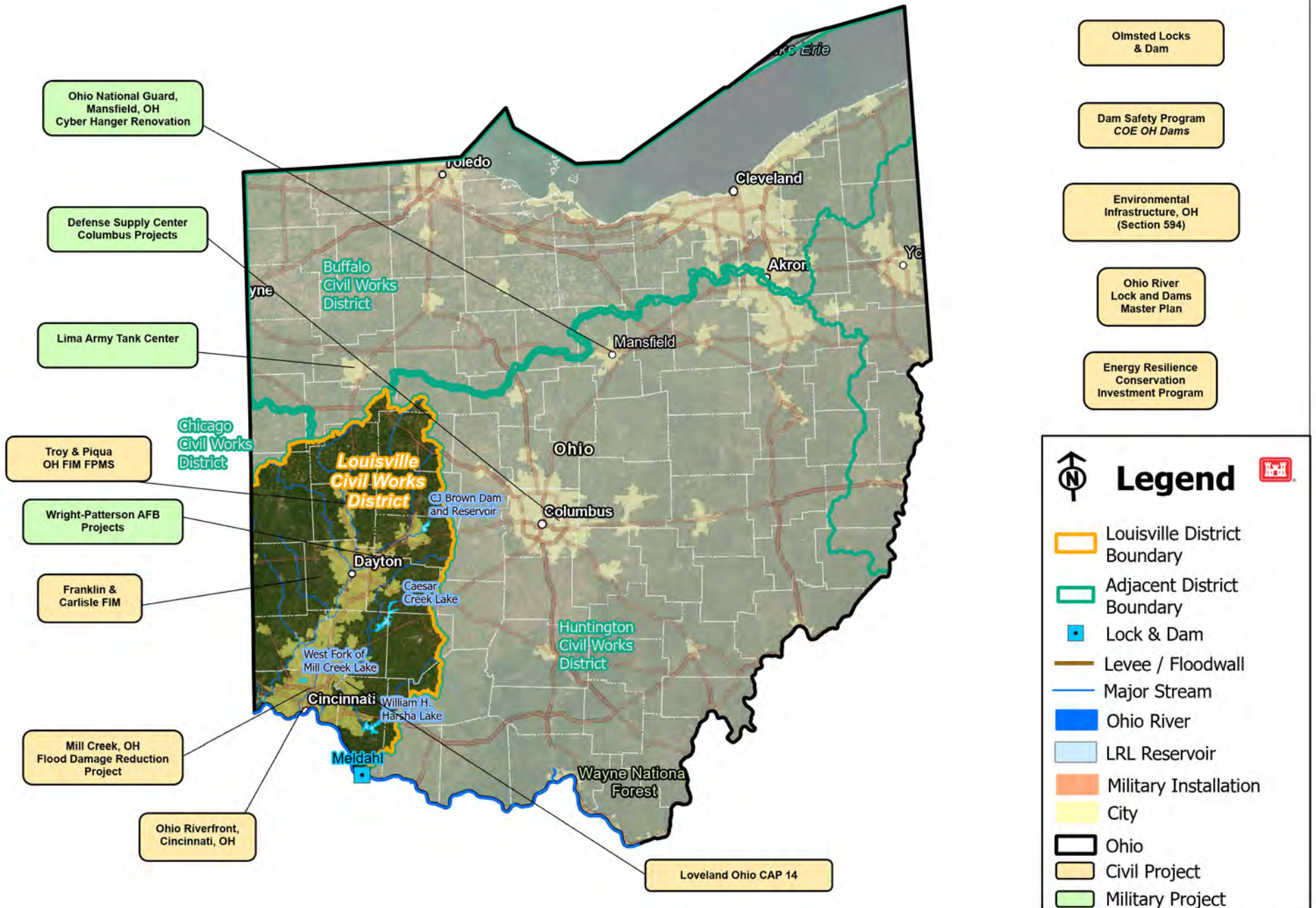


# STATE OF OHIO



## Locks and Dam 52 and 53 Replacement Project (Olmsted Locks and Dam), IL and KY



*Project Area*

### Current Phase:

Construction

### Location and Description:

The project consists of two 110' X 1200' locks adjacent to the Illinois bank, and a dam comprised of five Tainter gates, 1400' of boat-operated wickets and a fixed weir. The proposed replacement structure will eliminate Ohio River Locks & Dams 52 & 53. Locks & Dams 52 & 53 were completed in 1929 and the temporary 1,200' long lock chambers were added in 1969 at Locks & Dam 52 and 1979 at Locks & Dam 53. The antiquated design and age of these structures make it impossible to meet current traffic demands without significant delays. The existing structures have deteriorated structurally and are overstressed during normal operating conditions. Existing wicket dam has missing sections and wickets that will not raise making it very difficult to maintain pool during low water. The temporary locks at Locks & Dam 52 & 53 have significantly passed their 15-year design life.

This strategic reach of the Ohio River provides a connection between the Mississippi River, Tennessee River and Cumberland River. More tonnage passes this point than any other place in America's inland navigation system. In 2011, 91 million tons (Locks & Dam 52), traversed this portion of the Ohio River. 25% of all coal shipped on the inland waterways transits Locks & Dam 52, destined for many of the 50 power plants located on the Ohio River System or the 17 power plants located in eight states on the Upper or Lower Mississippi River.

### Authorization:

The Olmsted Locks & Dam project was authorized by Section 3(a)(6) of the Water Resources Development Act (WRDA) of 1988. The authorized project cost was increased on 17 October 2013 as part of a Continuing

### Summarized Financial Data:

Authorized Total Project Cost	\$2,867,296,000
Estimated Federal Cost	\$1,856,981,000
Estimated Inland Waterways Trust Fund	\$1,010,315,000
Funding received to date:	\$2,853,403,115

Appropriations Act, 2014 to \$2,918,000,000. The project was funded 50%/50% from the General Treasury and the Inland Waterways Trust Fund (IWTF) through FY2013. The FY2014 Omnibus Appropriation Act changed the split of IWTF and General Treasury funds to 25%/75% for FY2014 only. Water Resources Reform and Development Act of 2014 changed the IWTF and General Treasury shares to 15%/85% beginning 1 Oct 2014.

**Sponsor:** Inland Waterways Trust Fund

### Status:

Olmsted was put into service on 6 Sep 2018 ahead of the scheduled 1 Oct 2018 date, and 4 years ahead of the PACR milestone, to mitigate significant economic exposure to industry stakeholders given the failing condition of Locks & Dams 52 & 53. This early operational date and subsequent unseasonable extended high-water event impacted completion of several critical items of the dam to include isolation piles and shell patching. An additional \$63M was received through the FY20 Work Plan for project delays due to the high-water impact to the cost-reimbursement contract extension and procurement of remaining work. LRL continues to actively work towards completion of remaining work and to complete the project ahead of the Cost Scheduled Risk Analysis date of 2026. The Dam contract is now complete and the contractor has demobilized from the site.

### FY24 Planned Activities:

The evaluation of a trench cleaning design is underway to develop a diver-less process to clean sediment and debris from the wicket trench. The evaluation of proposals is scheduled for the 1<sup>st</sup> Quarter of FY24. A contract for the development of a design is planned to be awarded with a follow-on construction contract to build and implement the diver-less trench cleaning process. All activities are scheduled to be complete in FY26.

### Issues and Other Information:

The project has four pending REAs that are being evaluated.

### Congressional Interest:

SEN Mitch McConnell (KY)  
SEN Rand Paul (KY)



## Troy & Piqua, Ohio Flood Plain Management Services



*Great Miami River, Piqua, OH.*

### **Current Phase:**

Study

### **Location and Description:**

The study area is along the Great Miami River and incorporates the communities of Troy and Piqua in Miami County, Ohio.

This project will refine existing hydraulic modeling, develop 2-D modeling, and prepare a set of flood inundation maps for the Cities of Troy & Piqua, Ohio as well as portions of Miami County between these cities. This flooding also impacts County Road 25A and areas outside of the levees in these communities.

The maps will be posted on a publicly available website for access, and a public outreach rollout will be held at project completion including social media advertisements and public meetings in order to advise local citizens and officials on the availability, use, and benefits of the Inundation maps. In addition, there are recreational areas along this corridor and these maps could also be used by the recreating public who may or may not be local citizens.

This project will be an interagency effort involving USACE, the National Weather Service, the US Geological Survey, Miami Conservancy District, Miami County, Troy, and Piqua.

### **Summarized Financial Data:**

	<u>Study</u>
Estimated Federal Cost	\$130,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$130,000
Allocation thru FY23 (Federal)	\$130,000
Balance to Complete after FY23	\$0
FY24 Capability (FED)	\$0
FY25 President's Budget	N/A

These maps will allow the Miami Conservancy District, Miami County, and the Communities of Troy and Piqua to develop operating procedures and evacuation plans to close streets to reduce flood damage and risk to life in the area.

### **Authorization:**

The Flood Plain Management Services (FPMS) Program is authorized by Section 206 of the 1960 Flood Control Act (Public Law 86-645), as amended.

### **Sponsor:**

Miami Conservancy District

### **FY23 Activities:**

None – no funding was received.

### **FY24 Planned Activities:**

Perform mapping and modeling efforts for the study.

### **Issues and Other Information:**

None

### **Congressional Interest:**

SEN Sherrod Brown (OH)  
SEN JD Vance (OH)  
REP Warren Davidson (OH-8)  
REP Mike Carey (OH-15)

## City of Loveland, Ohio Emergency Streambank Stabilization (CAP Section 14)



*Areas of distress along E. Kemper Road affecting the roadway and guardrail*

### **Current Phase:**

Feasibility

### **Location and Description:**

The project is located in the City of Loveland, located in Southwest Ohio, 17 miles northeast of downtown Cincinnati. Specifically, the project is located on East Kemper Road along the right (northwestern) bank of the Little Miami River at approximate river mile 22.9 to 23.7.

The project includes design of bank stabilization for slope failures at three separate sites totaling approximately 1.5 acres. Similar erosion issues occur along steep hillsides and waterways throughout the Cincinnati area due to the prevalence of Kope geology. This project will examine potential remediation measures for streambank stabilization. These efforts build on a recently completed PAS study of the project area.

### **Authorization:**

Section 14 of the 1946 Flood Control Act, as amended.

### **Sponsor:**

City of Loveland, Ohio

### **Summarized Financial Data:**

	<u>Feasibility</u>
Estimated Federal Cost	\$100,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$100,000
Allocation thru FY23 (Federal)	\$50,000
Balance to Complete after FY23	\$50,000
FY24 Capability (FED)	\$50,000
FY25 President's Budget	N/A

### **FY23 Activities:**

The Project Delivery Team initiated the feasibility phase of the study. The Federal Interest Determination (FID) Meeting and the Feasibility Scoping Meeting both occurred in FY23.

### **FY24 Planned Activities:**

The Tentatively Selected Plan (TSP) milestone meeting is scheduled for the 2<sup>nd</sup> Quarter. The feasibility study will be completed and the final report prepared. Execution of the Project Partnership Agreement for the Design & Implementation phase is currently scheduled for late FY24.

### **Issues and Other Information:**

The Little Miami River is a Wild and Scenic River and the project is subject to permitting from the National Parks Service and Ohio Department of Natural Resources. Design coordination with these agencies could cause schedule delays.

### **Congressional Interest:**

SEN Sherrod Brown (OH)  
SEN J.D. Vance (OH)  
REP Brad Wenstrup (OH-2)

## Mill Creek, Ohio Flood Risk Management



Mill Creek

### **Current Phase:**

Construction

### **Location and Description:**

The project is located along a 17.5-mile stretch of Mill Creek and a  $\frac{3}{4}$  mile stretch of East Fork in Hamilton County, Ohio.

The authorized flood risk management project includes 17.5 miles of channel improvement, two miles of levees, three pumping plants, modification of highway and railroad bridges, and the addition of two pumping units at the existing Mill Creek barrier dam. Remedial repairs need to be performed at previously completed Sections 1 and 2 in order to turn these sections over to the Non-Federal Sponsor (Mill Creek Conservancy District) for operation and maintenance.

### **Authorization:**

Flood Control Act of 1970 (PL 91-611)

### **FY23 Activities:**

The Non-Federal Sponsor worked on acquisition of rights-of-way needed for construction activities.

### **Summarized Financial Data:**

Estimated Federal Cost	\$163,000,000
Estimated Non-Federal Cost	\$51,210,000
Total Estimated Project Cost	\$214,210,000
Allocation thru FY23 (Federal)	\$120,045,458
Balance to Complete after FY23	\$42,954,542
FY24 Capability (FED)	\$0
FY25 President's Budget	N/A

### **Construction**

### **FY24 Planned Activities:**

In the 1st Quarter of FY24, Engineering will be doing a site investigation and complete a recommendation report for the remaining sections. The engineering report will inform the scope for a planned 2025 construction contract assuming the Non-Federal Sponsor (NFS) real estate acquisitions are completed.

New real estate plans, with options, have been coordinated with the NFS. The approach for multiple ingress-egress options to the site should assist them in acquiring the needed access for a construction contract. The previous plan involved acquiring a Right-of-Way from CSX Railroad and the NFS has been unsuccessful in doing so.

### **Issues and Other Information:**

There is a high likelihood that the current funding isn't enough to complete the entire project. The engineering report will provide an estimate for the amount of additional funds needed.

### **Congressional Interest:**

SEN Sherrod Brown (OH)  
SEN J.D. Vance (OH)  
REP Greg Landsman (OH-1)



## Ohio River Locks and Dams Master Plan



*Robert C. Byrd Locks and Dam*

### Current Phase:

Regional Master Plan Update

### Location and Description:

The Regional Master Plan consists of the six locks and dams along the Ohio River including areas in West Virginia, Kentucky, and Ohio. The locations are listed below from east to west.

Willow Island Locks and Dam is located on the Ohio River, 161.7 miles downstream from Pittsburgh, PA, and 3.4 miles upstream from Waverly, WV.

Belleville Locks and Dam is located on the Ohio River at mile 204. Belleville Locks sit 203.9 miles below Pittsburgh, PA, and 0.5 miles below Belleville, WV.

Racine Locks and Dam is located on the Ohio River, 237.5 miles below Pittsburgh, PA and 1.5 miles downstream from Letart Falls, OH.

Robert C. Byrd Locks and Dam is located on the Ohio River, 279.2 miles below Pittsburgh, PA, and 9 miles below the City of Gallipolis, OH.

Greenup Locks and Dam is located on the Ohio River, 341.0 miles below Pittsburgh, PA, and 5.0 miles below Greenup, KY.

Meldahl Locks and Dam is located at mile 436 of the Ohio River in Felicity, Ohio. It is 436.2 miles below Pittsburgh, PA, and 1.7 miles below Chilo, OH.

The purpose of the locks and dams is to create a series of steps which river tows and other boats either climb or descend as they travel upstream or downstream. Additionally, the locks and dams provide the opportunity for public recreation and wildlife and vegetative habitats. Belleville and Greenup are also equipped with privately-owned hydroelectric plants.

### Summarized Financial Data:

	<u>Master Plan</u>
Estimated Federal Cost	\$610,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$610,000
Allocation thru FY23 (Federal)	\$530,000
Balance to Complete after FY23	\$80,000
FY24 Capability (FED)	\$80,000
FY25 President's Budget	N/A

### Authorization:

River and Harbor Act of 3 March 1909, Sixtieth Congress, 2nd Session. Flood Control Act of 1944 and amendments.

### FY23 Activities:

Louisville District, in coordination with Huntington District, reformatted the initial draft Master Plan to fit the description of "integrated" vs "stand alone" Environmental Assessment.

### FY24 Planned Activities:

The District quality control reviews are planned prior to public release and review of the draft report. Once public and agency review of the draft report is complete, the Districts will address public comments and finalize the report. The Master Plan update is scheduled for completion in July 2024.

### Issues and Other Information:

The Louisville District is executing the Master Plan update on behalf of the Huntington District.

### Congressional Interest:

Greenup – Mitch McConnell (KY), Rand Paul (KY), Sherrod Brown (OH), J.D. Vance, (OH), Thomas Massie (KY-4), Hal Rogers (KY-5), Bill Johnson (OH-6)

Meldahl – Sherrod Brown (OH), J.D. Vance, (OH), Mitch McConnell (KY), Rand Paul (KY), Brad Wenstrup (OH-2), Thomas Massie (KY-4)

RC Byrd – Joe Manchin (WV), Shelley Moore Capito (WV), Sherrod Brown (OH), J.D. Vance, (OH), Carol Miller (WV-1), Bill Johnson (OH-6)

Willow Island – Sherrod Brown (OH), J.D. Vance, (OH), Joe Manchin (WV), Shelley Moore Capito (WV), Bill Johnson (OH-6), Carol Miller (WV-1)

Racine – Joe Manchin (WV), Shelley Moore Capito (WV), Sherrod Brown (OH), J.D. Vance, (OH), Bill Johnson (OH-6), Carol Miller (WV-1)

Belleville – Joe Manchin (WV), Shelley Moore Capito (WV), Sherrod Brown (OH), J.D. Vance, (OH), Carol Miller (WV-1), Alexander Mooney (WV-2), Bill Johnson (OH-6)

## **Dam Safety, Ohio**

### **Ohio Dams - Special Studies**



*Caesar Creek Lake Dam, OH*

#### **Current Phase:** Study

#### **Project Location:**

Caesar Creek Lake Dam, C.J. Brown Lake Dam, W.H. Harsha Lake Dam, and West Fork Lake Dam (See below for site specific information)

#### **Study and Program Information:**

During normal operations, these dams are routinely inspected daily, weekly, and monthly by USACE Operations staff and annually by Louisville District Dam Safety staff. The dam also receives a comprehensive inspection every five years by a multi-discipline team of Louisville District engineers.

The USACE has instituted a “risk informed” dam safety program. The initial step was conducting a Screening Portfolio Risk Assessment (SPRA). A team of engineers conducted a screening level review of the dam’s construction, performance history, and instrumentation to evaluate current dam behavior, as well as economic consequences and the population at risk of potential dam failure. After the initial screening, the risk is re-evaluated every ten years as part of a routine Periodic Assessment (PA) in conjunction with the 5 year comprehensive site inspection. The findings are reviewed by the Dam Senior Oversight Group (DSOG) and a Dam Safety Action Classification (DSAC) rating is assigned based upon confirmed or unconfirmed dam safety issues and the combination of life or economic consequences should failure occur. The DSAC ratings are used to prioritize further study to confirm the proposed dam safety issues. If the DSAC rating is 1 through 3, an Interim Risk Reduction Measures (IRRM) Plan is established while further investigations are conducted and/or remedial actions are implemented as necessary.

#### **Summarized Financial Data:**

The Dam Safety Special Studies are part of a national program with funds distributed by the Corps of Engineers (USACE) Headquarters Dam Safety Office on a priority basis.

The first study phase is an Issue Evaluation Study (IES) which confirms the dam safety issue. Should more information be necessary to confirm the issues, an IES Phase II study may be undertaken to gather the necessary data to reduce the uncertainty. The results of these studies are presented to the USACE Risk Management Center (RMC) and the DSOG. The results may indicate the need to progress to the next phase of study or reduce the DSAC rating for the dam. If the case is made that the dam is in need of remedial construction then the project moves to the Dam Safety Modification Report (DSMR). The DSMR analyzes potential remedial construction elements to determine the best “fix” to reduce the overall project risk. These studies and remedial construction are prioritized based upon the relative risk estimates at each stage to best make use of the available funding and resources.

#### **Congressional Interests:**

SEN J.D. Vance (OH)  
SEN Sherrod Brown (OH)

**Individual Project Status:**

**Caesar Creek Lake Dam, OH**

- \* SPRA (Screening for Portfolio Risk Analysis): 2008
- \* DSAC (Dam Safety Action Classification) Rating: Class 3
- \* IRRMP (Interim Risk Reduction Measures Plan): Completed 9 April 2009
- \* IES (Issue Evaluation Study): In the queue for study. The IES Report will address concerns with unacceptable foundation conditions and associated seepage in order to remove uncertainty and lower project risk. This will determine if the work needs to continue to complete a full Dam Safety Modification Report (DSMR).
- \* FY2024 Planned Activities: Routine O&M surveillance and monitoring program.

**C.J. Brown Lake Dam, OH**

- \* SPRA (Screening for Portfolio Risk Analysis): 2009
- \* DSAC (Dam Safety Action Classification) Rating: Class 4
- \* IRRMP (Interim Risk Reduction Measures Plan): N/A since it is DSAC 4
- \* IES (Issue Evaluation Study): Not required since it is a DSAC 4
- \* FY2024 Planned Activities: Routine O&M surveillance and monitoring program.

**W.H. Harsha Lake Dam, OH**

- \* SPRA (Screening for Portfolio Risk Analysis): 2009
- \* DSAC (Dam Safety Action Classification) Rating: Class 3
- \* IRRMP (Interim Risk Reduction Measures Plan): Completed 24 February 2018.
- \* IES (Issue Evaluation Study): In the queue for study. The IES Report will address concerns with unacceptable foundation conditions and associated seepage in order to remove uncertainty and lower project risk. This will determine if the work needs to continue to complete a full Dam Safety Modification Report (DSMR).
- \* FY2024 Planned Activities: Routine O&M surveillance and monitoring program.

**West Fork Lake Dam, OH**

- \* SPRA (Screening for Portfolio Risk Analysis): 2008
- \* DSAC (Dam Safety Action Classification) Rating: Class 3
- \* IRRMP (Interim Risk Reduction Measures Plan): Completed 17 April 2009
- \* IES (Issue Evaluation Study): Not started. The IES Report will address concerns with unacceptable foundation conditions and associated seepage in order to remove uncertainty and lower project risk. This will determine if the work needs to continue to complete a full Dam Safety Modification Report (DSMR).
- \* FY2024 Planned Activities: Routine O&M surveillance and monitoring program.



## Franklin and Carlisle, Ohio Flood Inundation Mapping



### **Summarized Financial Data:**

	<b><u>Study</u></b>
Estimated Federal Cost	\$85,000
Estimated Non-Federal Cost	\$0
Total Estimated Project Cost	\$85,000
Allocation thru FY23 (Federal)	\$85,000
Balance to Complete after FY23	\$0
FY24 Capability (FED)	\$0
FY24 President's Budget	N/A

### **Current Phase:**

Completed in FY23.

### **Location and Description:**

This project focused on development of hydraulic modeling and flood inundation map datasets for the communities of Franklin and Carlisle along the Great Miami River in Ohio.

The maps will be posted on a public available website (National Weather Service - NWS) for access, a public outreach rollout will be held at project completion, including social media advertisements, and public meetings with local media will be held in each of the communities to advise local citizens and officials on the availability, use, and benefits of the inundation maps.

These maps will allow the Miami Conservancy District, Warren County, and the Communities of Franklin and Carlisle to develop operating procedures and evacuation plans to close streets to reduce flood damage and risk to life in the area.

### **Authorization:**

Section 206 of the Flood Control Act of 1960 (PL 86-645).

### **Sponsor:**

Miami Conservancy District (MCD)

### **FY 23 Activities:**

The Louisville District, with project partners including MCD and the NWS, participated in a public outreach event that consisted of an informational rollout to educate the local officials and emergency managers on the functionality and benefits of using the FIM in their communities.

### **FY24 Planned Activities:**

None

### **Issues and Other Information:**

None

### **Congressional Interest:**

SEN Sherrod Brown  
SEN J.D. Vance  
REP Greg Landsman (OH-1)

## Ohio and North Dakota Environmental Infrastructure Program



Wastewater Treatment Plant expansion in New Madison, Ohio

### **Current Phase:**

Varies per project.

### **Location and Description:**

State of Ohio.

The Section 594 Program is cost shared with a non-Federal sponsor and requires a local match of 25%. The Huntington District, Corps of Engineers is the overall program manager, with responsibility for project implementation assigned to the Pittsburgh, Huntington, and Louisville Districts, as determined by the location of the projects. Prior to design and/or construction of a Section 594 project, the Corps and the non-Federal sponsor enter into a Project Partnership Agreement outlining the project scope, cost, and responsibilities for implementation.

### **Authorization:**

Section 594 of the Water Resources Development Act of 1999 (Public Law 106-53), as amended.

### **Summarized Financial Data:**

Authorized Program Limit	\$60,000,000
FY23 Allocation	\$ 3,000,000

### **Issues and Other Information:**

Village of Wayne Lakes went through Fiscal Closeout in June 2023.

### **Louisville District Section 594 Projects:**

- Tech Town, OH - Sewer Infrastructure Project  
Design and construction of new and replacement sewer, water, and drainage systems in downtown Dayton, Ohio at a cost of \$4,391,467. The infrastructure will support a high-tech industrial site as part of Dayton's effort to revitalize downtown Dayton and the waterfront.
- University of Dayton, Brown and Stewart Streets Project, OH - The project consists of the design and construction of the water supply, wastewater, and surface drainage facilities for the proposed development at an estimated cost of \$6,576,000. Sponsor has proposed a change to the footprint of the project that will require a new PPA. A new Preliminary Engineering Report was received in February 2022 and is waiting on the sponsor to move forward with a new Decision Document.
- Preble County, OH – This project will consist of the design and construction of a new wastewater collection and treatment system. Estimated total project cost is \$1,366,666. PPA was executed on September 23, 2019. Property for the WWTP was acquired in October 2020, however the outflow lot changed locations, as well as some of the infrastructure which went from being within the right-of-way to on private property. Team is working on EA/FONSI and it should be out for public review by mid-January 2024.
- Logan County, OH – The Lewistown Sewer System project was selected for FY19. The project consists of the design and construction of a new collection system to separate storm water and sanitary sewers in Lewistown. Total project cost estimated at \$1,333,333. PPA executed on September 17, 2019. The FONSI was signed in the Summer of 2021 and construction was scheduled to begin in Spring 2022. Since that time, the sponsor has received community pushback on the project. This project will terminate in FY24 and the sponsor plans to apply again in the Spring of 2024 for a new EI in a different area of the county.
- Madison County, OH – The Summerford Sanitary Sewer Collection project was selected for FY19. The project consists of the design and construction of a new collection system to separate storm water and sanitary sewers in Summerford. Total project cost estimated at \$1,333,333. PPA was executed on September 23, 2019. FONSI signed in September 2020. Team seeking concurrence with Ohio SHPO. The project began construction in September 2023.
- Russells Point, OH – The Village of Russells Point was selected for FY20. Total project cost is

\$1,325,925. The project will provide storm sewer improvements. The Project Partnership Agreement was signed on May 26, 2021. EA/FONSI was signed in February 2023. Pre-construction meeting is scheduled late November 2023.

- New Madison, OH – The Village of New Madison was selected for FY21. Total project cost is \$1,433,333. This project will assist in providing a new lift station and Wastewater Treatment Plant expansion which will also treat the Village of Wayne Lakes wastewater (5miles north) via force main. The Project Partnership Agreement was signed on September 22, 2021. Construction will begin in the 1<sup>st</sup> quarter of FY 24.
- City of Wilmington, OH – New Wastewater Treatment Plan. Total project cost is \$1,433,333. The total [project cost received is \$1,333,333. A Wastewater System Master Plan was completed in 2020 with recommended upgrades for the City of Wilmington's WWTP. The Master Plan recommended designing a new WWTP to a 4.5 MGD average daily flow and 22.5 MGD peak hour flow and conversion of the existing WWTP site for solids processing. The District executed the PPA in March 2023.
- Village of Mount Sterling 150,000-Gallon Water Tower- The total project cost received is \$1,333,333. The existing water tower is beyond its useful life and needs replacement. This project will replace an elevated water storage facility (100,000 gallon) with a 150,000-gallon pedestal water tower. The target date for PPA execution is January 2024.
- Tuscarawas County (Village of Roswell) New WWTP, Pump Station and Force Main- The total ~~On~~ project cost received is \$1,333,333. This project will be built in multiple phases. The target date for PPA execution is July 2024.
- City of Kenton, Phase 2 Waterline Replacement project- The total project cost received is \$1,333,333. Water mains in the city were installed over 60 years ago and have reached their useful

lifespan. The target date for PPA execution is June 2024.

- City of Kenton, Phase 2 Sanitary and Storm Line Replacement Project- The total project cost received is \$1,333,333. Water mains in the city were installed over 60 years ago and have reached their useful lifespan. Illicit stormwater connections to the sanitary sewer have been confirmed by field observations. These connections have a significant impact on sewer flows based upon the impervious area's tributary to the sanitary sewers. The target date for PPA execution is June 2024.
- Village of Blanchester, Reservoir No. 3 Dam Improvements Project- The total project cost received is \$2,000,000. A class I structure, the Reservoir No. 3 Dam was constructed 89 years ago and needs several repairs to bring it up to compliance with Ohio code. The target date for PPA execution is February 2024.
- Village of Fletcher 100,000 Gallon Water Tower- The total project cost received is \$1,333,333. The existing water tower was constructed in 1930 and needs multiple repairs. The Village will demolish the existing water tower and build a new one on their property. The District executed the PPA on September 21, 2022. The EA/FONSI was signed in May 2023 and project began construction in September 2023.

#### **Congressional Interests:**

SEN Sherrod Brown (OH)  
 SEN J.D Vance (OH)  
 REP Jim Jordan (OH-4)  
 REP Bill Johnson (OH-6)  
 REP Bob Gibbs (OH-7)  
 REP Warren Davidson (OH-8)  
 REP Michael Turner (OH-10)



## Ohio Riverfront – Cincinnati, Ohio General Investigation



### Project Area

**Current Phase:**  
Study (Feasibility)

### Location and Description:

The project is located in Cincinnati, Ohio along Ohio River Mile 470.0. The project area includes continuous pedestrian walkways along the river, informal grass terraces, festival areas, a great lawn, landscaping, lighting, and water features. The 905(b) Analysis (Corps of Engineers Reconnaissance Report) defined and evaluated this area as well as areas both to the east and west. The project objective is to enhance public use of and access to the recreational and environmental amenities of the Ohio River, and other riverfront parks including the Theodore M. Berry International Friendship Park, the Public Landing, and Bicentennial Commons.

The Louisville District completed construction of Phase I, a \$30 million, five-acre project that was authorized in Section 5116 of WRDA 2007. Since that five-acre project is now complete, the City is looking to expand the size of the project to construct similar features, i.e., continuous walkways along the river, informal grass terraces, landscaping, and lighting that were included in the original authority,

### Summarized Financial Data (Phase II):

Estimated Federal Cost	\$15,000,000
Estimated Non-Federal Cost	\$15,000,000
Total Estimated Project Cost	\$30,000,000
Allocation thru FY23 (Federal)	\$1,200,000
Balance to Complete after FY23	\$13,800,000
FY24 Capability (FED)	\$0
FY25 President's Budget	TBD

The \$1.2M received to date is for the feasibility study. The funds are sufficient to complete the study, prepare the report, and close out the feasibility phase.

### Authorization:

Section 5116 of the Water Resources Development Act (WRDA) of 2007, Public Law 110-114 and Section 1202(b) of the Water Resources Infrastructure Improvements for Nation (WIIN) of 2016

### Sponsor:

City of Cincinnati, Ohio

### FY23 Activities:

A Feasibility Cost Share Agreement (FCSA) was executed in January 2023. A Planning Charette was held in June 2023. Representatives from the City and various agencies attended the meeting.

### FY24 Planned Activities:

The Alternatives Milestone Meeting (AMM) was held in October 2023. The PDT will continue to evaluate various alternatives leading up to the Tentatively Selected Plan (TSP) milestone meeting. The meeting is scheduled for April 2024.

### Issues and Other Information:

Non-Federal Sponsor is pursuing Work-In-Kind (WIK) credit for their \$15,000,000 cost share.

### Congressional Interest:

SEN Sherrod Brown (OH)  
SEN J.D. Vance (OH)  
REP Greg Landsman (OH-1)

## Lima Army Tank Center, OH



### Location and Description:

A U.S. Army Government Owned, Contractor Operated (GOCO) facility, the Joint Systems Manufacturing Center – Lima (JSMC), allows for the synergy of cost effectiveness and responsiveness with private industry, while maintaining long-term control of the equipment and facility for preservation of mission readiness.

### FY24 Activities:

Construction management activities and continued support of all projects. Including:

- 3 projects (including multiple building renovation and repair projects, and elevator replacement)

### FY25 Planned Activities:

Construction management activities and begin closeout activities.

### Issues and Other Information:

NSTR

### Summarized Financial Data:

Estimated Federal Cost	\$11,000,000
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### Congressional Interest:

Sen. Rob Portman  
Sen. Sherrod Brown  
Rep. Jim Jordan

## An aerial photograph of the University of California, Berkeley campus. The image shows the main quad with its central law school building, surrounded by other academic buildings and green spaces. Streets like 'Sun Ave' and 'Lawrence Ave' are visible. A red pin is placed on the quad area, and a blue pin is placed near the bottom left corner.

**Location and Description:**

-Sustainment, Restoration, and Modernization (SRM): Chiller/HVAC renovations, Fire Department Renovations and room/building renovations, water line renovations, fuel tank installations, electrical studies and improvements, on-going maintenance contracts for building 21 (DFAS) and other miscellaneous projects.

**Authorization:**

**FY24 Activities:**

- 6 DFAS projects (Building Maintenance Contract, HVAC, Doors, Pumps, and bathroom countertop replacements, Electronic security system installation.
- 12 DLA projects (including building, water line, and HVAC renovations, fire department renovation, fire alarm system upgrades, active vehicle barrier replacements, construction of new environmental wetlands, Installation-wide electrical study, and other misc. maintenance and repair projects).
- 4 DISA projects (including diesel fuel tanks installation, mechanical repair and air handler/boiler replacements, and small building reno/repair projects).

Design, procurement, and construction management activities and continued support of new SRM projects. Current projecting about 20-25 new and continuing projects from DFAS, DLA, and DISA.

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NSTR

Estimated Federal Cost	\$40,000,000
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Sen. J.D. Vance  
Sen. Sherrod Brown  
Rep. Mike Carey



## Ohio Air National Guard, Mansfield, OH – Cyber Hangar Renovation



### **Current Phase:**

Design

### **Location and Description:**

Repair existing hangar to house Cyber Warfare Operations. Provide cyber operations space within the existing bay, to include second floor. Bring all spaces up to appropriate security levels. Repair communications room to accommodate servers and equipment. Provide all supporting electrical, mechanical, security, fire suppression and communications supporting infrastructure. Provide emergency power systems and standby generator connection.

### **Authorization:**

NGB/A4O SRM Design Instruction, dated 31 Mar 2023, National Guard Bureau

### **FY24 Planned Activities:**

35% design and, pending approval from NGB, 65% design.

### **Issues and Other Information:**

Project is a complex renovation to include secured space and has a need by date of Dec 2027.

### **Summarized Financial Data:**

Estimated Federal Cost	<b><u>Construction</u></b> \$67,000,000
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### **Congressional Interest:**

Sen. J. D. Vance  
Sen. Sherrod Brown  
Rep. Jim Jordan

## Wright-Patterson Air Force Base, Dayton, OH



### Location and Description:

Wright-Patterson Air Force Base (WPAFB) is located northeast of Dayton, OH, and encompasses parts of Greene and Montgomery counties. The Base is headquarters for a vast, worldwide logistics system, a world-class laboratory research function, and is the foremost acquisition and development center in the U.S. Air Force.

The Louisville District is currently executing projects under seven separate programs. These programs include:

- Military Construction – Air Force (MCAF):  
Five projects in progress totaling \$293,251,000
  - 2 projects in design - \$69,000,000
  - 3 project in construction - \$224,251,000
- Military Construction – Army Reserve (MCAR)  
Two projects in progress totaling \$44,000,000
  - 2 projects in design - \$44,000,000
- Family Housing, Air Force (AFLI)  
One project in progress totaling \$70,755,002
  - 1 project in construction - \$70,755,002
- Defense Logistics Agency (DLA)  
One project in progress totaling \$19,972,163
  - 1 project in construction - \$19,972,163
- Operations & Maintenance (OMAF/OMAR/OMN)  
Ten projects in progress totaling \$185,152,657
  - 6 projects in design - \$137,698,657
  - 4 projects in construction - \$47,454,000
- Research, Development, Test & Evaluation (RDT&E)  
12 projects in progress totaling \$68,127,251
  - 1 project in design - \$10,000,000
  - 11 projects in construction - \$58,127,251

- Energy Conservation Investment Program (ECIF)  
Three projects in progress totaling \$66,851,144
  - 1 project in design - \$35,100,000
  - 2 projects in construction - \$31,751,144
- Non-Appropriated Funds (NAF)  
One project in progress totaling \$4,900,000
  - 1 project in design - \$4,900,000

### FY24 Activities:

Continued planning/design phase support, as well as:  
MILCON – 1 construction award  
MILCON, Army Reserve – 2 construction awards  
O&M – 5 construction awards  
RDT&E –1 construction award  
NAF – 1 construction award

### FY25 Planned Activities:

Continued support across all programs/phases  
MILCON – 1 construction award  
O&M – 1 construction award  
ECIF – 1 construction award

### Issues and Other Information:

NSTR

### Summarized Financial Data:

Programmed Amt (projects in design)	\$295,798,657
Projects in Construction	\$452,310,560
NAF Funded Project	<u>\$4,900,000</u>
Total Estimated Program	\$753,009,217

### Congressional Interest:

Sen. Sherrod Brown  
Sen. J.D Vance  
Rep. Michael Turner

## Energy Resilience Conservation Investment Program

### Location and Description:

ERCIP projects are located at various Military Installations to include but not limited to: Fort Bliss, Fort Liberty, Fort Buchanan, Fort Cavazos, Fort Riley, Fort Sill, Fort Stewart, Lake City Army Ammunition Plant, Aberdeen Proving Ground, Anniston Army Depot, Joint Base Lewis-McChord, Camp Aijifan, Rock Island Arsenal, White Sands Missile Range, USAG Ansbach, Camp Buehring and Tooele Army Depot.

ERCIP is a subset of the Defense-Wide MILCON Program specifically intended to fund projects that improve energy and water resilience, contribute to mission assurance, save energy, and reduce DoD's energy costs. ERCIP accomplishes this through construction of new, high-efficiency energy systems and technologies or through modernizing existing energy systems.

### Authorization:

Authority for the ERCIP program is established by 10 USC § 2914

### FY24 Activities:

Design, procurement, and construction management activities for projects in the ERCIP program.

### FY25 Planned Activities:

Design, procurement, and construction management activities for projects in the ERCIP program.

### FY26 Planned Activities:

Design, procurement, and construction management activities for projects in the ERCIP program.

### Issues and Other Information:

Real property transfer/conveyance rules conflict with installation contracts with privatized utilities.

### Summarized Financial Data:

LRL Current Military Program	
Estimated Federal Cost	\$1,197,645,000



Project	Description	Installation	PN	FY	PA
1	Construct Microgrid Controls, 690 kW PV, 275kW GEN, 570 kWh BESS	PR010 - Juana Diaz, Puerto Rico	95004	2022	\$ 12,190,000
2	Construct Microgrid Control System, 460 kW PV, 275kW GEN, 660 kWh BESS	PR013 – Ramey; Puerto Rico	95005	2022	\$ 10,120,000
3	Fort Liberty Emergency Water System	Fort Liberty	97484	2022	\$ 7,705,000
4	Install Microgrid, 750 kWPV Array, 750 kWh BESS, and 680k Generator Set	Conroe ASF	93347	2023	\$ 9,600,000
5	Camp Arijfan ERCIP Power Generation and Microgrid	Camp Arifjan, Kuwait	94849	2023	\$ 26,850,000
6	Ft. Riley ERCIP Power Generation and Microgrid	Fort Riley	98161	2023	\$ 25,780,000
7	Ft. Stewart HAAF ERCIP Power Generation and Microgrid	Fort Stewart HAAF	98162	2023	\$ 25,400,000
8	Ft. Cavazos Power Generation and Microgrid	Fort Cavazos (Hood)	99143	2023	\$ 31,500,000
9	Camp Ruehring FY24 Microgrid	Camp Buehring, KW	94933	2024	\$ 18,850,000
10	Ft. Liberty Camp MacKall FY24 Microgrid	Ft Liberty (Bragg) - Camp MacKall	98901	2024	\$ 10,500,000
11	Microgrid and Backup Power	Fort Buchanan	99144	2024	\$ 56,000,000
12	JBLM DES FY24 Microgrid	Joint Base Lewis-McChord	99146	2024	\$ 49,850,000
13	Lake City FY24 Microgrid CHP	Lake City Army Ammo Plant	99147	2024	\$ 80,100,000
14	Ft. Cavazos FY24 Microgrid	Fort Cavazos (Hood)	99288	2024	\$ 18,250,000
15	Ft. Sill FY24 Microgrid	Fort Sill	101861	2024	\$ 76,650,000
16	Critical Water Storage	Fort Liberty	98977	2025	\$ 25,000,000
17	Anniston Army Depot (ANAD) Power Generation and Microgrid	Anniston Army Depot	100945	2025	\$ 54,000,000
18	Rock Island Arsenal Power Generation and Microgrid	Rock Island Arsenal	100946	2025	\$ 67,500,000
19	JBLM FY25 Grey Army Airfield (GAAF)	Joint Base Lewis-McChord	100947	2025	\$ 38,300,000
20	Aberdeen Proving Grounds (APG) 2MW Microgrid	Aberdeen Proving Ground	100949	2025	\$ 29,400,000
21	Power Generation and Microgrid	White Sands Missile Range	80635	2026	\$ 38,000,000
22	Water Distribution Lines, Potable Industrial Area	Hawthorne Army Depot	86677	2026	\$ 5,000,000
23	Install Microgrid, 575 kW PV, 300kW/1200kW Bat Energy Stor System (BESS), and Two 200kW Elec Turb	Ft. Sheridan	94042	2026	\$ 5,600,000
24	Install Microgrid, 450kW PV, and 500kW/2000kWh Bat Energy Storage Sys (BESS)	Belgium	95066	2026	\$ 17,000,000
25	Power Generation and Microgrid	Camp Buehring, KW	96153	2026	\$ 21,300,000
26	Main Potable Water Lines for Resilience	Tooele Army Depot	98650	2026	\$ 18,500,000
27	Construct Potable Water Purification System at Las Casas Lake	Fort Buchanan	98709	2026	\$ 17,500,000
28	Install Microgrid, 4MW PV, 2MW/8MWh Bat Energy Stor Sys (BESS), and 2MW Generator	Ft. Liberty (Bragg)	100873	2026	\$ 38,000,000
29	Install Microgrid, 1MW PV, 500kW/3MWh Bat Energy Stor Sys (BESS), and 500kW Generator	Joint Base Lewis-McChord	101472	2026	\$ 39,000,000
30	Install Microgrid with PV, Battery Energy Storage System (BESS), and Generation	USAG Ansbach (Katterbach), Germany	102238	2026	\$ 26,000,000
31	Install Microgrid, PV, Battery Energy Storage System, and Generation	USAG Ansbach (Storck Barracks), Germany	102287	2026	\$ 27,000,000
32	Install 12 MW of Ground-Mounted Solar PV and 4MW/4MWh Bat Energy Stor Sys (BESS)	Ft. Sill	102300	2026	\$ 29,000,000
33	Install Microgrid, 500kW PV, 1MW/2MWh Bat Energy Stor Sys (BESS), and 2MW Generator	Ft. Liberty (Bragg)	102321	2026	\$ 15,500,000
34	Install Microgrid, 2.5 MW PV, 5 MWh Battery Energy Storage System (BESS)	Parks RFTA	102712	2026	\$ 37,000,000
35	Install 2.4 MW PV and 10 MWh Battery Energy Storage System	Camp Roberts Enclave	102945	2026	\$ 60,000,000
36	Power Generation and Microgrid	Ft. Carson	102984	2026	\$ 58,000,000
37	Redstone Electric Power, Microgrid	Redstone Arsenal	103043	2026	\$ 33,000,000
38	Install 1750 kW of Natural Gas Generators and Microgrid	Fort Bliss	93031	2026	\$ 7,100,000
39	DPTMS Simulation Training Campus Microgrid	Fort Bliss	98799	2026	\$ 8,600,000
40	5 MW NG Generator - Resiliency, McGregor / Westbrook Ranges	Fort Bliss	98991	2026	\$ 12,000,000
41	5 MW NG Generator - Resiliency, East Bliss Substation	Fort Bliss	99008	2026	\$ 11,000,000