LOUISVILLE DISTRICT MISSIONS

• **Civil Works Missions**
  • 20 lake projects: 8 in Kentucky, 8 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
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 & KY).

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

LRL also has the nationwide design & construction programs for the US Army Reserve & US Air Force Reserve.
The LRL Civil Works program is based on watershed boundaries and covers over 76,000 square miles in 5 states (IN, IL, OH, MI and KY).

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

One 15-Barge Tow

216 Rail Cars + 6 Locomotives

1,050 Large Semi Tractor-Trailers
CIVIL WORKS MISSIONS

• Navigation
• Flood and Storm Risk Management
• Aquatic Ecosystem Restoration
• Watershed Planning
• Emergency Management
• Regulatory Program
• Hydropower
• Recreation
• Water Supply
IT DOESN’T TAKE AN ACT OF CONGRESS…
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

Sponsor
- Request assistance

Congress
- Study Authorization & Appropriation

USACE/Sponsor
- Sign Feasibility Cost Sharing Agreement
  - Feasibility Study
  - 50-50 cost shared from start of project

USACE/Sponsor
- Sign Project Partnership Agreement

Congress
- Project Authorization & Appropriation

USACE/Sponsor
- Preconstruction Engineering & Design

USACE/Sponsor
- Sign Design Agreement

USACE/Sponsor
- Construct/Implement Project

Sponsor
- Operate/maintain Completed Project
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
• $3M Study Cost, 100% federal
• Will examine rehabilitation work needed to repair/replace aging project features (built from 1947-1956)
Continuing Authorities Project Process

**Sponsor**
- Request assistance

**USACE**
- Federal Interest Determination

**USACE/Sponsor**
- Sign Feasibility Cost Sharing Agreement

**USACE/Sponsor**
- Detailed Project Report

**Sponsor**
- Operate/Maintain Completed Project

**USACE/Sponsor**
- Construct/Implement Project

**USACE/Sponsor**
- Sign Project Partnership Agreement
## CONTINUING AUTHORITIES OVERVIEW

<table>
<thead>
<tr>
<th>Authority</th>
<th>Description</th>
<th>Per Project Cost Limit ($M)</th>
<th>Per Program Cost Limit ($M)</th>
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<tr>
<td>Section 14</td>
<td>Emergency Streambank Stabilization</td>
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<td>25</td>
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<td>Section 107</td>
<td>Navigation</td>
<td>10</td>
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<td>Section 205</td>
<td>Flood Risk Management</td>
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<td>Section 206</td>
<td>Aquatic Ecosystem Restoration</td>
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<tr>
<td>Section 1135</td>
<td>Ecosystem Restoration</td>
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</tr>
</tbody>
</table>
Whitesburg, KY
Pre-Section 14
Whitesburg, KY
Post Section 14
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)
SHEPHERDSVILLE, KY STORMWATER STUDY

• Total Study Cost - $100K

• Project consisted of formulation and review of stormwater alternatives for storm/sanitary sewers and outfall areas in the City of Shepherdsville, KY.

• Project was completed in 2015
KENTUCKY SILVER JACKETS
Partners!