

# USACE LOUISVILLE DISTRICT CIVIL WORKS PROGRAM

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*"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."*



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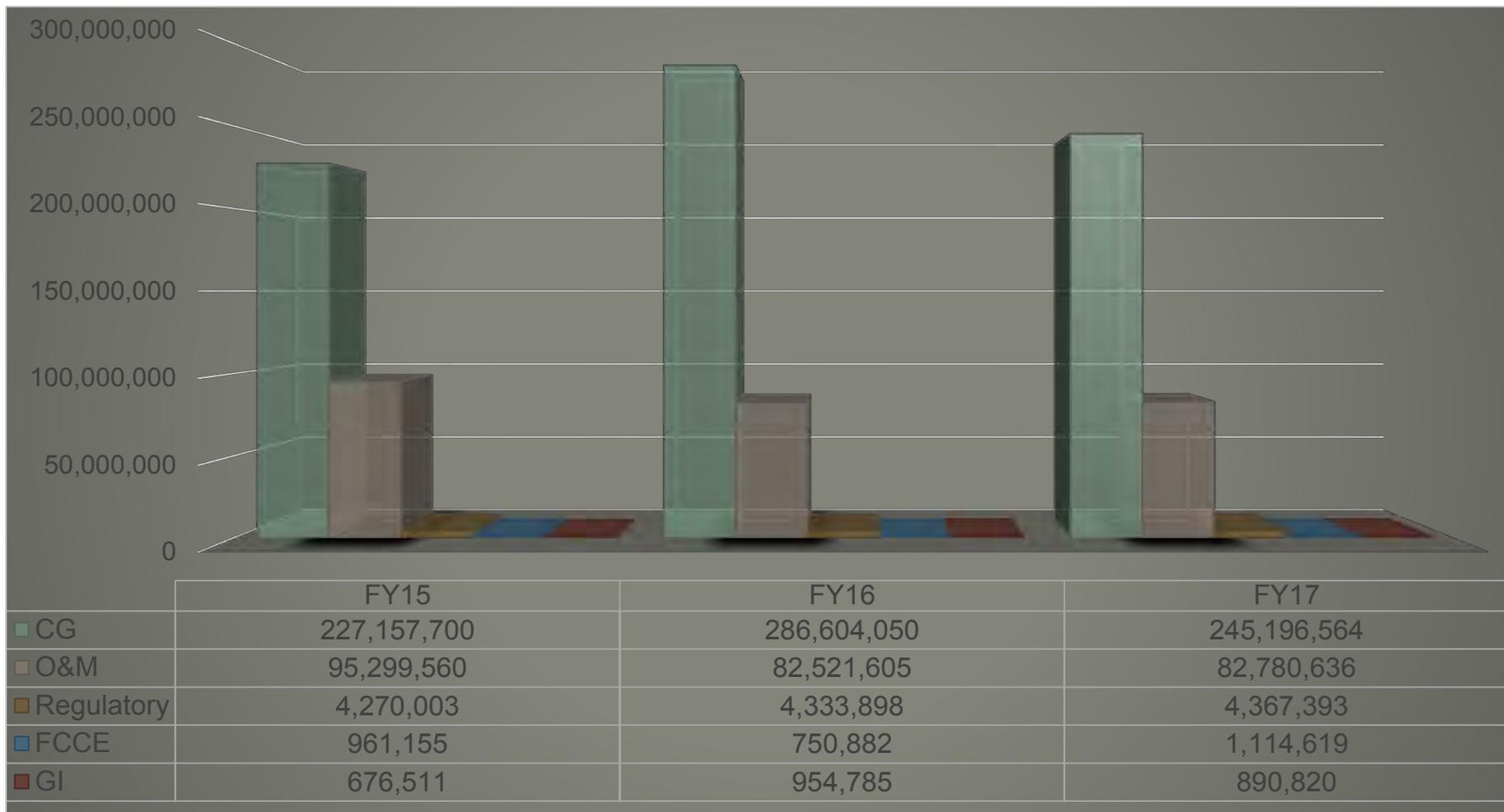


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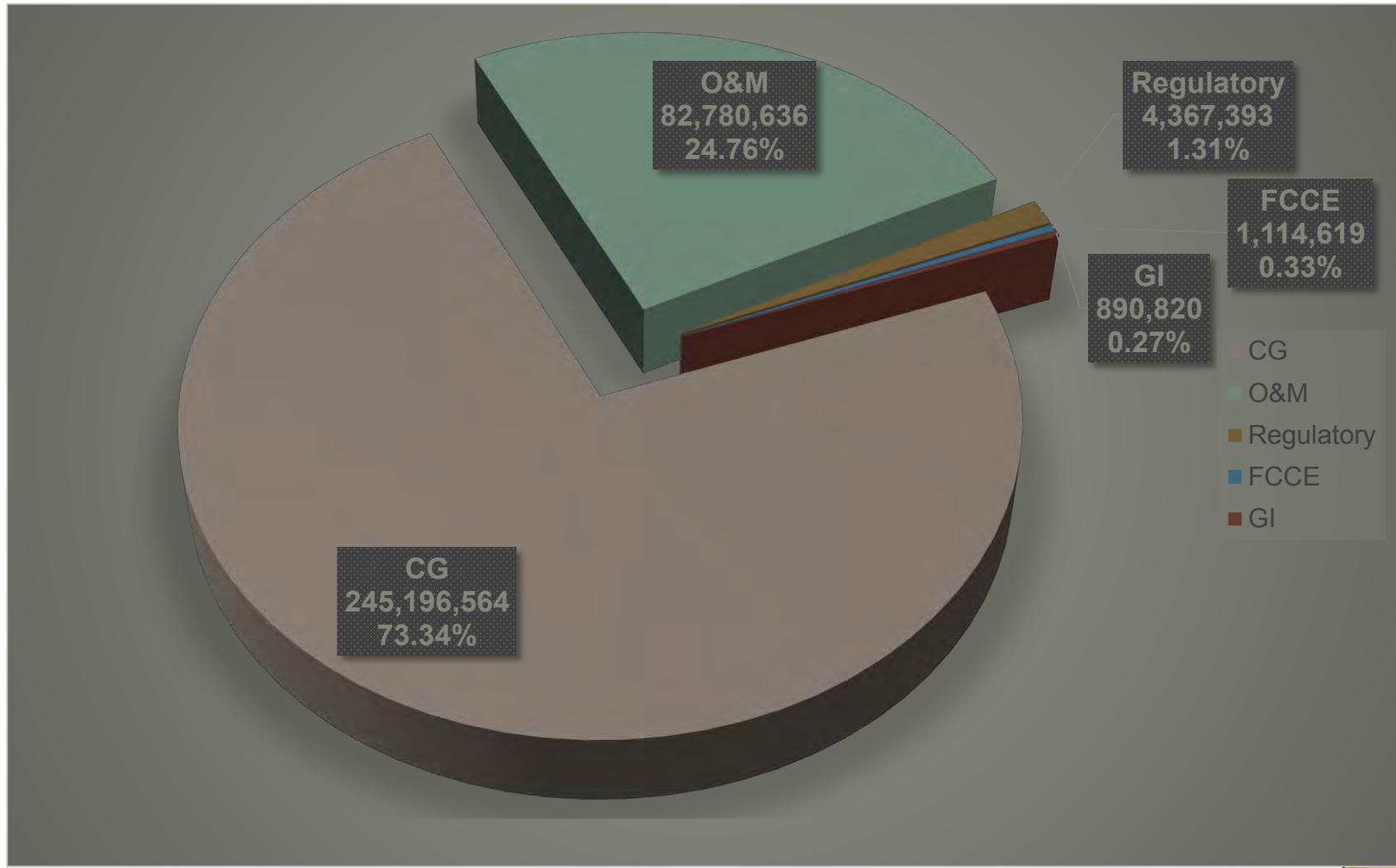
# CIVIL WORKS PROGRAM BOUNDARY



# CIVIL WORKS PROGRAM FY15-FY17



# FY17 CIVIL WORKS PROGRAM



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# CIVIL WORKS

## PROGRAM...NAVIGATION

### Olmsted L&D

- Lock Chambers (2) and Approach Wall complete
- Dam construction continues
  - Tainter Gates (18 Shells – complete)
  - Tainter Gate No. 3 & 4 erected in 2016 LWS
  - Tainter Gate No. 5 scheduled 2017 LWS
  - Navigation Pass (25 Shells)
    - 15 shells set in 2014 and 2015 LWS
    - 8 shells set in 2016 LWS
    - 2 shells remain for 2017/2018
- Wicket Lifter Barge/Cranes
  - Barge awarded Jul 2016/Cranes awarded Sep 2016
- River Dikes
  - 14 Dikes to be constructed over 5 years
  - Awarded first task order; start January 2017
- Service Mound Buildings
  - Lock Master's Building & Maintenance Building
  - Advertised with bids due 16 January 2017



### Fiscal Year 2017 Program

Title	DB/ DBB	Acq. Strategy	Range	Advertise
Service Mound Buildings	DBB	IFB	\$10-15M	Dec 16
Miter Gate Repairs	DBB	TDB	\$1-5M	May 17

# CIVIL WORKS PROGRAM...*FLOOD RISK MANAGEMENT*

## ➤ Paducah, KY Reconstruction

### Phase 1 construction FY17/FY18

- Design complete summer 2017
- RTA July 2017
- Rehabilitation of two pump stations and associated discharge piping

## ➤ Indianapolis North

### 3A-3C Vegetation Removal (Tree Clearing)

- Award projected February 2017

### 3B-3 Construction Contract

- Advertisement projected February 2017
- Projected award May 2017
- Sheet pile I-wall, Canal gate structure, two gatewells, toe drains, multiuse trail



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# CIVIL WORKS PROGRAM...*FLOOD RISK MANAGEMENT*

## Dam Safety Modification

- Rough River Dam, KY
  - Modification to Grouting contract was awarded in September 2016
  - Cutoff Wall contract scheduled for advertisement in November 2018



## ➤ Mill Creek, OH

- Construction of Remedial Repairs to Previously-Constructed Sections
- Section 4A Remedial Repairs completed in September 2016
- Future contract dependent on Real Estate (sponsor)



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# CIVIL WORKS PROGRAM...CONTINUING AUTHORITIES PROGRAM

- Section 14 – Emergency stream bank/Shoreline Protection
  - Portland Wharf Park, Louisville, KY
  - Avon, IN
  
- Section 205 – Flood Risk Management
  - Young’s Creek, Franklin, IN
  - Falling Run Creek, New Albany, IN
  - Salamonie River, Jay County, IN
  
- Section 1135 – Aquatic Ecosystem Restoration  
Green River, KY stream bank restoration
  
- **Opportunities for Future Contracts – 2017**  
Portland Wharf Park, Phase 2



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# CIVIL WORKS PROGRAM...*PLANNING ASSISTANCE TO STATES*

- Kentucky Conservation Vision Map
  - Development of a conservation map identifying protected and unprotected natural resources with important conservation values.
  - Assistance to public and nonprofit organizations in developing priorities and strategies for protection of natural resources
  
- Morehead, KY
  - H&H Analysis of Existing Conditions on Triplett Creek
  - Analysis of alternative plans to reduce flood risk
  
- **Contractors often used for Master Planning for these studies.**



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# CIVIL WORKS PROGRAM... *WATERSHED PLANNING*

➤ Green River Watershed Study:

Develop recommendations and specific actions in conjunction with multiple federal, state and local stakeholders to address water resource issues in the watershed. Preparing to submit report to Congress.

➤ Licking River Watershed Study:

Watershed Assessment to identify problems, needs, and opportunities in the Licking River watershed and recommend future projects to address the identified problems.



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# CIVIL WORKS PROGRAM...*AUTHORIZED STUDIES*

## ➤ Northern, KY, Riverfront:

- Study area is a corridor approximately 12 miles long along the left bank of the Ohio River in Northern Kentucky in the communities of Bellevue, Covington, Dayton, Ft. Thomas, Ludlow and Newport. Study is focused on ecosystem restoration along the Ohio River and the mouth of the Licking River. Goal is to restore riparian structure and function, with the added benefit of enhancing compatible public access to the rivers.

## ➤ KY River L&D 1-4 Disposition:

- Feasibility study focused on deauthorization and disposition of low use navigation facilities on the Kentucky River.



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# CIVIL WORKS PROGRAM...SUMMARY OF CONTRACT OPPORTUNITIES

2017 Program						
Project	State	Action	Scope	Acq. Strategy	Range	Advertise
Olmsted L&D	KY, IL	Constr.	Service Mound Buildings	IFB	\$10M-15M	Dec 2016
Olmsted L&D	KY, IL	Constr.	Miter Gate Repairs	TBD	\$1M-5M	May 2017
White River, Indianapolis North, FRM	IN	Constr.	4,200 lf of Floodwall and a Canal Gate Crossing	Full & Open	\$5M-10M	Feb 2017



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# OTHER TOPICS

Ohio River Basin Alliance

FY 19 Budget Development

WRDA/WIIN 2016 signed into law 16 December 2016



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# Questions



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