

# *Louisville District Open House January 2008*



## *Civil Works Overview*



# Military vs. Civil Works

## Bullets and Guns

- Buying Bullets & Loading = Programming (Funding)
- Firing the Rifle = Execution (Construction Awards)

## Civil Works:

- |                           |   |                  |
|---------------------------|---|------------------|
| - Define Needs / Problems | - | \$               |
| - Study Various Solutions | - | \$\$             |
| - Engineering & Design    | - | \$\$\$           |
| - Construction            | - | \$\$\$\$\$\$\$\$ |

## Key To CW Success:

- Fund to the Most Efficient Capability
- Complete the Tasks at Hand



# Civil Works Program

## 20 Lake Projects

8 Kentucky

8 Indiana

4 Ohio

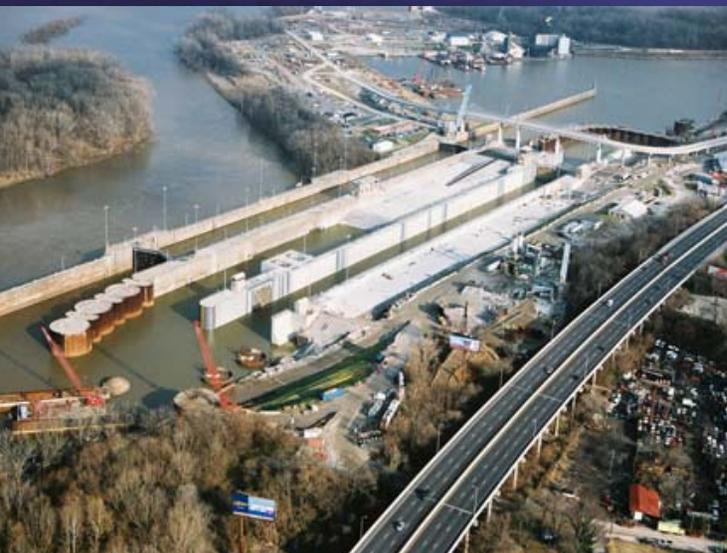
## 10 Locks & Dams

8 Ohio River

2 Green River



# Civil Works Program ... *navigation*



*McAlpine Locks*

*Olmsted  
McAlpine  
Markland  
JT Myers*



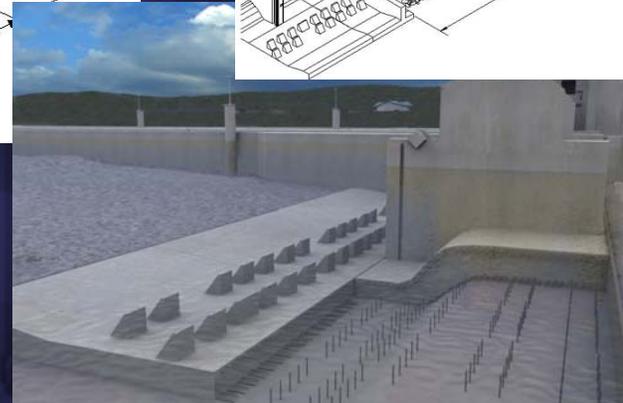
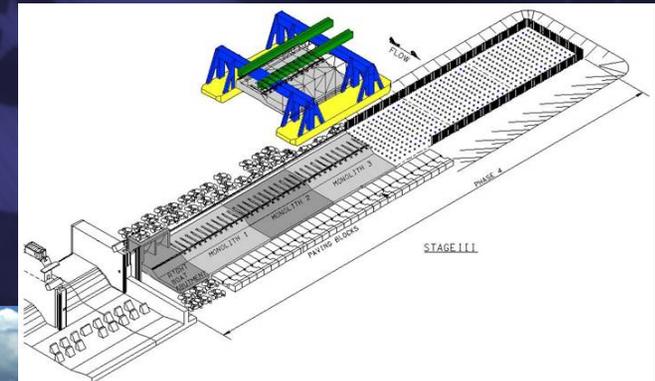
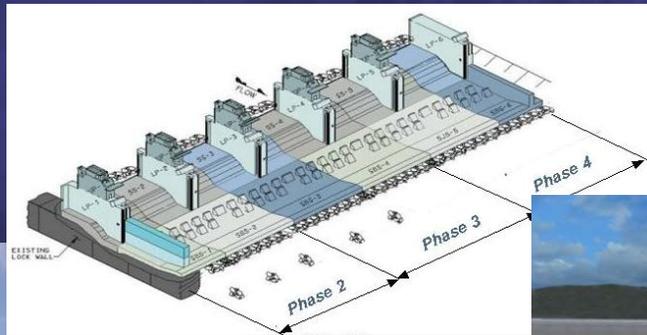
*J.T. Myers L&D*



# Olmsted Lock and Dam

## National Priority Project

- Twin Locks Completed 2001
- Exciting Innovative Dam Design / Construction
- Building “in the wet”
- Exportable Technology
- On-Line 2016



# Civil Works Program ... *flood damage reduction*



## Current Projects

- Duck Creek, Cincy, OH
- Indianapolis North, IN
- So. IN Levee Repair
- Pond Creek, Lou, KY
- Rough River Dam, KY



# Civil Works Program .... *waterfront development*



*Indianapolis Water Front*



*Greenway, So Indiana*

- Ohio River Greenway
- Cincinnati Riverfront
- **Louisville Waterfront**
- **Indianapolis Water Front**
- **Northern Kentucky Riverfront**



# Dam Safety Assurance Program

## Dam Safety Special Study Projects

## Current Phase

J. Edward Roush, IN	PH II
Salamonie, IN	PH II
Rough, KY	<u>PH II</u>
Nolin, KY	PH I
Green, KY	PH I
Brookville, IN	PH I

**Studies Recommending Remedial Actions will be “risk based” ranked on a national program.**

**Earliest construction projects – FY10**

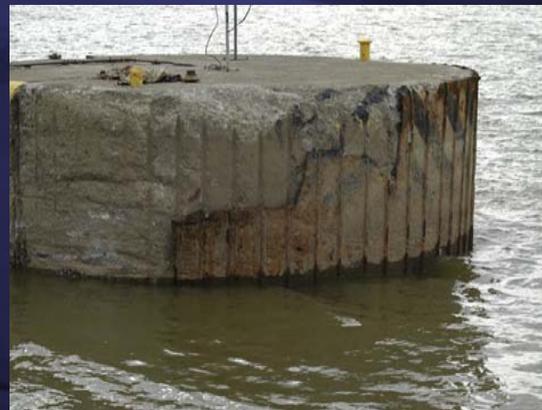
**DSO: S. Durrett**  
**DSPgM: T. O’Neal**  
**PM: B. Schueler**



# Future Civil Works Opportunities

## Infrastructure Upgrades

- Navigation Locks & Dams
- Flood Management
  - Lakes
  - Municipal Levee Systems



# Civil Works Program

*environmental.....*



*.... regulatory*



*operations and maint.....*

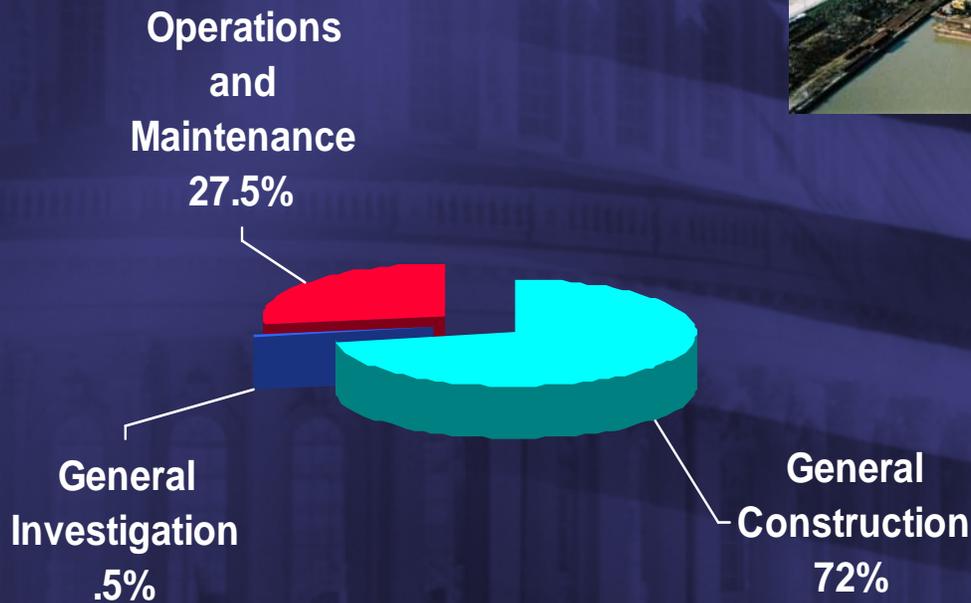


# Civil Works Program

FY 08 GI, CG, and O&M Appropriations  
Total Program = \$250.3M



*McAlpine Locks*



# General Investigation Projects FY 08

## Project Description

## Appropriation

### Reconnaissance Studies

\$ 0

### Feasibility Studies

-Metro Louisville SW, KY FDR Feasibility Study (FDR)

\$ 98,000

-Metro Louisville, Mill Creek, KY (FDR)

\$ 148,000

### Planning Assistance to States (PAS)

-Guist Creek Lake, KY

\$ 157,000

-Upper Wabash Enhancement, IN

\$ 246,000

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**TOTAL**

**(All In-House Effort)**

**\$ 649,000**



# Construction General Projects FY 08

<u>Project Description</u>	<u>Appropriation</u>
Olmsted Locks and Dam III and KY	\$ 102.3 M
McAlpine Locks Replacement Project, KY and IN	\$ 44.2 M
Indianapolis, White River (North), IN	\$ 3.1 M
Ohio River Greenway, IN	\$ .9 M
Metro Region of Cincinnati, Duck Creek, OH	\$ 11.1 M
J. T. Myers (Design Only)	\$ .9 M
Continuing Authorities Program (CAP)	\$ 3.3 M
Ohio River Flood Protection, OA (Jeff / N. Albany)	\$ 1.5 M
Holes Creek, OH (Real Estate Acquisition)	\$ 1.5 M
Markland Dam Major Rehab	\$ 6.7 M
<u>Cincinnati Riverfront (Design Only)</u>	<u>\$ 1 M</u>
<b>TOTAL</b>	<b>\$ 176.5 M</b>

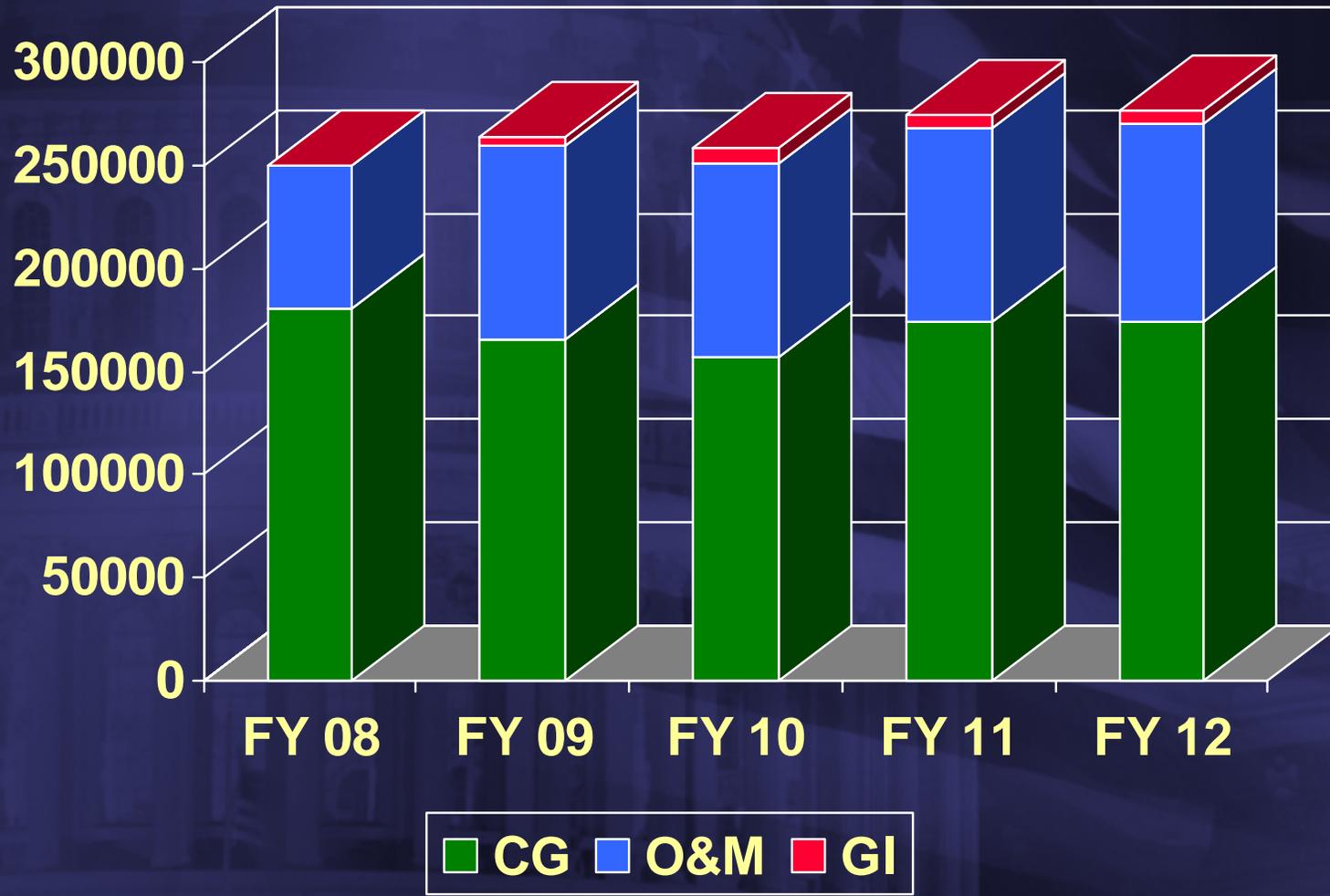


# Operation and Maintenance FY 08

<u>Project Description</u>	<u>Appropriation</u>
Ohio River Locks & Dams	\$ 35,950,000
Ohio River Channel Work	\$ 4,006,000
Barren River Lake	\$ 1,857,000
Rough River Lake	\$ 2,118,000
Green River Lake	\$ 1,700,000
Carr Creek Lake	\$ 1,521,000
Nolin Lake	\$ 2,062,000
Caesar Creek Lake	\$ 1,860,000
Buckhorn Lake	\$ 1,604,000
Green and Barren Rivers	\$ 2,122,000
Mississinewa Lake	\$ 597,000
All Other	\$ 8,491,000
<b>TOTAL</b>	<b>\$ 69,100,000</b>



# LONG TERM CIVIL OUTLOOK



# Water Resource Development Act (WRDA) 2007

- Typically WRDA Bill Every Two Years
- Last WRDA Bill in year 2000
- Provides lots of Authority and No \$\$  
(e.g. Cincy River Front, Paducah Levee Repair, Illinois Shore Line Constr)
- Corps still sorting out Authority Interpretation
- Stay Tuned



# Potential FY 08 Contract Opportunities

*...Planning, Engineering and Design  
Services*



*Ohio River Greenway, Clarksville, Indiana*

J.T. Myers, KY - Lock Extension Design	<\$	500K
Ohio River Greenway (Remaining Design)	<\$	1M (FY 08)



# Potential FY 08 Contract Opportunities

## *...Construction*

### Specifically Authorized Project Construction

Markland Dam KY - Lock Gate Assembly Pier	<\$2 M (8a Set aside)
Markland Dam KY – Lock Gate Fabrication	\$5-10 M (FY 08)
Duck Creek Flood Protection, OH	\$5-10 M
Duck Creek Enviro Mitigation	<\$ 500 K (HZ MATOC)
Ohio River Levee Repairs (So. IN)	<\$ 1.5 M (HZ MATOC)



# Contacts

- General Contracting

Mark Yates, 502.315.6172

- Small Business Office

Linda Hunt-Smith, 502.315.6111

- A/E Contract Process

Sharon Raque, 502.315.6247

Gerald Edelen, 502.315.6310

- Upcoming Projects

Linda Murphy, 502.315.6784, Chief, Civil Project Management Branch

Sharon Bond, 502.315.6857, Chief, Planning Branch

Brandon Brummett, 502-315-6883, Planning Branch, Outreach



***Questions?***

