



US Army Corps of Engineers



*S.A.M.E. Great Lakes & Ohio Valley
Regional Education & Training Conference
August 28, 2008*



Agenda

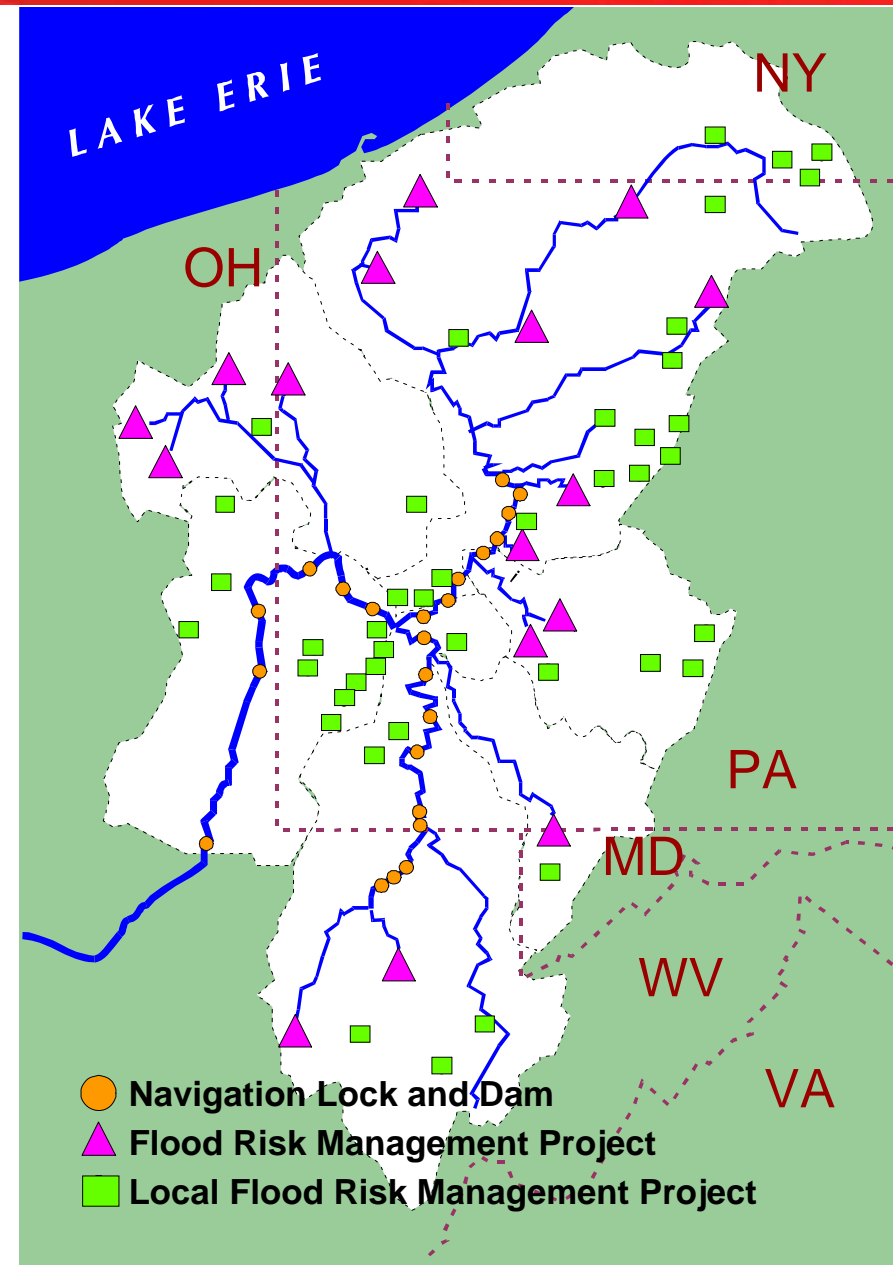
- Pittsburgh District
 - Overview
 - Funding History
 - Key District Projects
- Pittsburgh District Contracts
- Questions





Pittsburgh District

- 26,000 Square Miles in 5 States
- 10 Significant River Systems
- 328 Miles of Navigable Waterways
- 23 Navigation Locks & Dams
- 16 Multi-Purpose Flood Risk Management Projects
- 80 Local Flood Risk Management Projects
- 5.5 Million Total Population
- 700 District Employees





Funding History

Appropriation	FY 2006	FY 2007	FY 2008	FY 2009 <i>(President's Budget)</i>
General Investigations	\$ 1.6M	\$ 2.3M	\$ 2.7M	\$ 0.2M
Construction General	49.4M	67.6M	36.9M	35.8M
Inland Waterways Trust Fund	24.9M	31.6M	58.8M	33.5M
Operations & Maintenance	61.0M	64.7M	80.1M	*81.8M
Flood Control & Coastal Emergencies	10.6M	7.8M	0.5M	0.4M
Regulatory Functions	1.6M	1.5M	1.9M	2.3M
FUSRAP	1.4M	1.0M	1.3M	4.0M
Total	\$150.5M	\$176.5M	\$182.2M	\$158.0M

* This number represents an illustrative distribution of operation and maintenance activities subject to revision during the course of the year, and therefore individual project estimates should not be considered as budget amounts.



Emsworth Dams Rehabilitation



Ohio River, Emsworth Dam Rehabilitation Awarded Contract Summary

Contract	Estimated Value	Schedule
Emergency Bulkhead Supply	\$2.40M	Complete
Back Channel Gate Supply	\$1.20M	Complete
Emergency Bulkhead Hoist Supply	\$.75M	Complete
Back Channel Gate Replacements	\$18.64M	Complete FY 2008
Main Channel Gate Supply	\$3.29M	Complete FY 2009
Main Channel Gate Replacements	\$34.44M	Complete FY 2011

Funding

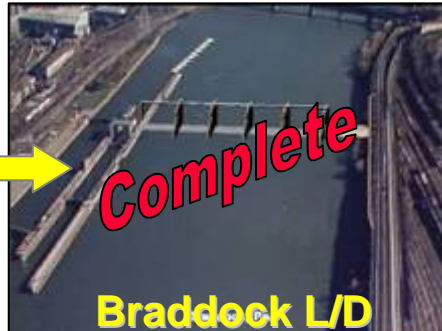
- FY 2008 Legislative Change to Cost Share with IWTF
- Continue to Receive Capability Level

Renovation

- FY 2008 Begin Construction on Main Channel Dam Gate Replacements

On-going Risk & Reliability Analysis

Lower Monongahela River Project



Braddock Dam (Complete May 2004)

- Innovative Project
- Significantly Reduces Risk & Increases Reliability at 1st Key Facility on the Monongahela River
- Relocations

L/D 3 (Elizabeth)

- Projected Removal in 2014 with Optimum Funding
- Reliability Analysis Completed for Locks & Dam
- Significant Unanticipated Maintenance Costs 2005 – 2014
- Dam 3 Classified as DSAC 1, Partial Stabilization Work Awarded in FY 2006 (\$3M); Additional Stabilization to be Awarded in FY 2008 (\$1.2M) and FY 2009 (\$400K)

L/D 4 (Charleroi)

- Site Development (\$9M) and River Chamber Demo (\$14M) Completed
- River Wall Contract Awarded 2004 – \$97M – 66% Complete; 1st Phase of Multiple Phases for Lock Reconstruction
- Unanticipated Maintenance Costs 2005 – 2014
- Reliance on Single Lock until 2018 with Optimum Funding/IWTF Solvency



Upper Ohio Navigation Study



Emsworth Locks & Dam
• ***River Mile 6.2***
• ***Constructed 1919-1922***



Dashields Locks & Dam
• ***River Mile 13.3***
• ***Constructed 1927-1929***



Montgomery Locks & Dam
• ***River Mile 31.7***
• ***Constructed 1932-1936***

- Identified as Highest Priority by Ohio River Mainstem System Study's System Investment Plan
- Rehabilitations Completed in the 1980s are Approaching their Design Life
- Deteriorating Condition of EDM Locks & Dams Driving the Study
- Last 110' x 600' Main Lock Chambers on Ohio River
- Main Chamber Closures have Caused Industry 40-hour Delays & Costs of \$2.2M due to Limiting 360' Auxiliary Chamber
- Urgent Need for Timely Evaluation of Long Term System Investment Requirements of these Facilities to Sustain Safe & Reliable Service on the Upper Ohio River
- Target Study Completion in FY 2011



Emsworth Dams Rehabilitation Contracts

FY 2007

** Contract Complete*

Main Channel Lift Gates (\$3.2M)

Oregon Iron Works

Obstruction Investigation Main & Back Channel (\$320K)

*Madison Coal

Main Channel Gate Rehabilitation & Scour Protection Design (\$853K)

Bergmann

FY 2008

Main Channel Gate Rehabilitation Base Contract (\$34.4M)

Joseph B. Fay

Main Channel Abutment Stabilization (\$2.4M)

Shaka

FY 2009

Main Channel Scour Protection Contract Options (\$15.3M)

Joseph B. Fay

FY 2010

Back Channel Scour & Service Bridges Rehabilitation (\$25 – 100M)

Construction

Main Channel Scour Protection Contract Options (\$4.4M)

Joseph B. Fay

FY 2012

Service Bridge Crane Supply (\$.5 – 1M)

Construction



Lower Monongahela River Project Contracts

FY 2007

** Contract Complete*

Braddock Locks/Dam Bulkhead Downstream Sills (\$500K)

*Bidco Marine Group

Charleroi Locks/Dam River Wall Contract One (\$97M)

Trumbull/Brayman JV

Charleroi Locks/Dam Filling Valves (\$4.6M)

Oregon Iron Works

Victory Hollow Site Development (\$2.7M)

Eagle Design

Charleroi Locks/Dam Maintenance Bulkheads (\$2.3M)

G&G Steel

Charleroi Locks/Dam Floating Mooring Bitts & Anchorage (\$2.1M)

Fabrication Products

Charleroi Locks/Dam Mooring Cells (\$2.2M)

*Shaka, Inc.

Charleroi Locks/Dam River Chamber Miter Gates (\$3.8M)

Steward Machine

Charleroi Locks/Dam Sheet Piling (\$2.9M)

*Skyline Steel

FY 2008

Bulkhead Storage (\$251K)

Shaka, Inc.

FY 2009

River Chamber Completion (\$250 – 500M)

Construction

FY 2012

Pool 3 Dredging (\$25-100M)

Construction

FY 2014

Charleroi Locks/Land Chamber (\$250 – 500M)

Construction



PL 84-99 and Other Construction Contracts

PL 84-99 Repairs

** Contract Complete*

James G. Fulton Stream Bank (\$3.4M)	Eagle Design, Inc.
Turtle Creek Stream Bank Remediation (\$670K)	Shaka, Inc.
Brookville Stream Bank Remediation (\$430K)	Manno
Meyersdale Stream Bank Repairs (\$701K)	Vantage Corps.
Millvale Wall Replacement/Stream Bank Remediation (\$750K)	Tab Construction
Burgettstown Stream Bank Remediation (\$56K)	Lyndco, Inc.

Other

** Contract Complete*

Grays Landing Sewer Line (\$31K)	*Lyndco, Inc.
Neshannock Creek Stream Bank Remediation (\$1.25M)	WMCC, Inc.
Sheraden Park Sewer Line Rehabilitation (\$2.65M)	Sterling Contracting, LLC
Completion of Saw Mill Run (\$1 – 5M)	HUBZone



Operation and Maintenance Contracts

FY 2008

Montgomery – Replacement Gate 8 (\$3.8M)	OCCI, Inc.
Montgomery – Bulkhead Lifting Beam (\$467.5K)	Kovilic Construction
Montgomery – Scour Repairs (\$676.9K)	Madison Coal
Mon River L/D 3 – Stabilization Contract 2 (\$1 – 5M)	Eagle Design
Monongahela River Dredging (\$289.9K)	Madison Coal
Johnstown LFPP – Units 3 & 4 Repairs (\$1 – 5M)	HUBZone
Tygart – Fabricate and Install 7 Gates (\$2.4M)	Alltech Engineering Corp.
Conemaugh – Gantry Crane Painting (\$628.2K)	TAB Construction
Conemaugh – Upgrade Elevator (\$250 – 500K)	Unrestricted
Mahoning – Concrete Repairs (\$1.3M)	Shaka, Inc.
Berlin – Replace Crest Gate/Stop Logs (\$1 – 5M)	Unrestricted
Punxsutawney LFPP – Sediment Removal (\$.5 – 1M)	HUBZone
Kirwan – Repair Slides on D/S Dam Face (\$100 – 250K)	IDIQ
Mosquito Rehab Electrical & Mechanical (\$421.9K)	Advanced Integration Group
Locks/Dam 3 Mon River 2 nd Emergency Dam Stabilization	Construction



A/E and Service Contracts

Active Contracts

<i>Firm</i>	<i>Specialty</i>	<i>Expiration Date</i>
A&A Consultants, Inc.	Construction Management Services	June 2010
Bergmann	Civil, Electrical, Mechanical Engineering and Design Services	April 2010
INCA/FMSM (JV)	Engineering and Design Services	April 2010
Photo Science	Surveying and Mapping Services	June 2010
Madison Coal	Fleet Services	March 2011
D'Appolonia	Geotechnical and Environmental Services	March 2012

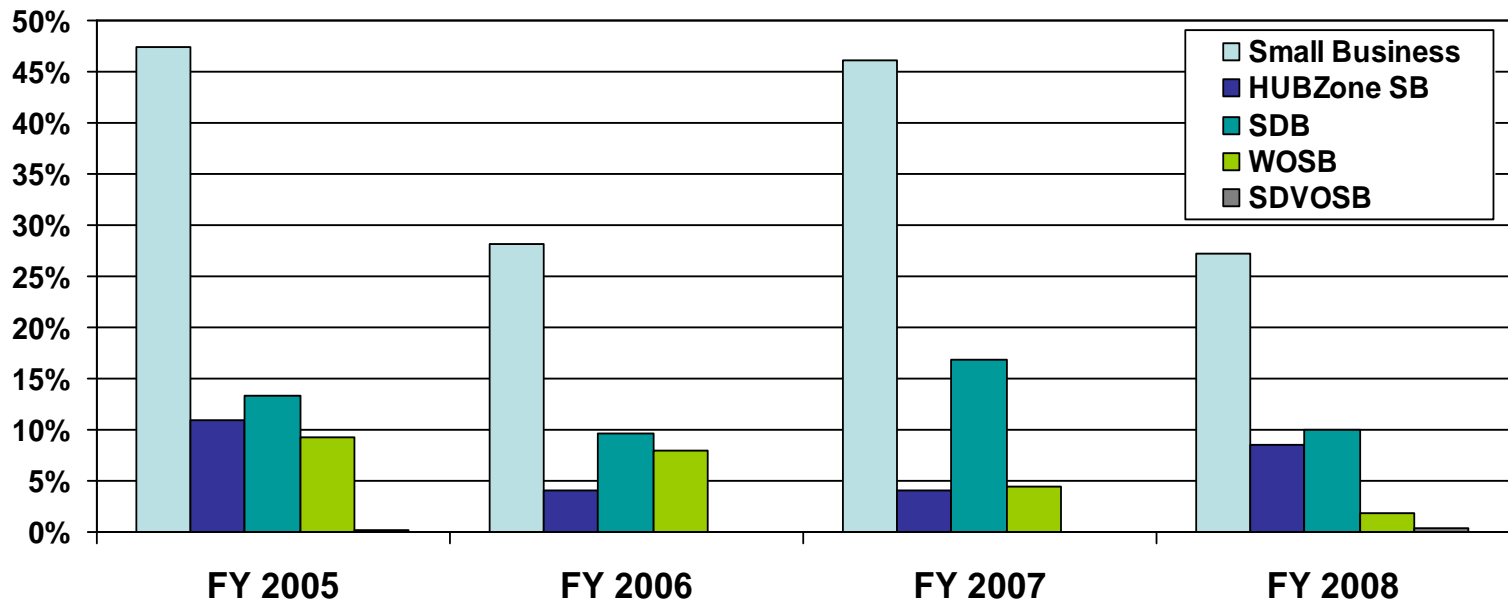
Anticipated Contracts

<i>Type of Service</i>	<i>Advertise</i>
A/E: Civil Design Services (Small Business)	Under Evaluation
Service: Temporary Emergency Power	Under Evaluation



Small Business

	FY 2005	FY 2006	FY 2007	FY 2008 (Thru 3 rd Qtr)
US Business Base	\$46,457,900	\$68,032,307	\$91,354,244	\$54,348,513
<i>Prime</i>				
- Small Business	\$22,073,461	\$19,090,928	\$42,076,391	\$14,788,800
- HUB Zone SB	5,081,902	2,763,622	3,654,922	4,595,181
- SDB	6,224,849	6,556,753	15,471,549	5,393,947
- WOSB	4,330,776	5,447,341	4,005,426	1,051,125
- SDVOSB	34,150	397,341	59,689	184,062





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