

Presentation to:

Society of American Military Engineers St. Louis Post

St. Louis District Program Overview

Michael G. Feldmann, P.E.

Assistant Chief, Engineering and Construction,
St. Louis District

October 18, 2012



®

US Army Corps of Engineers
BUILDING STRONG®





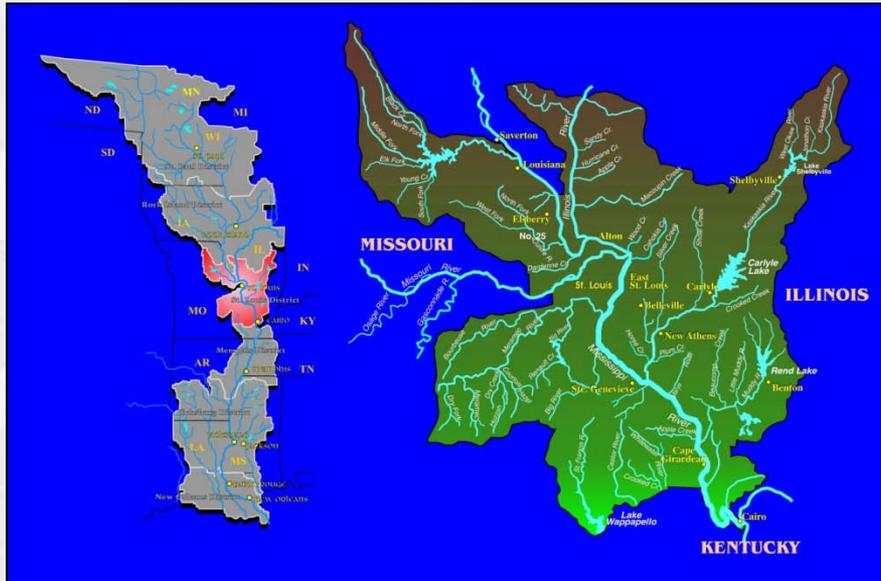
Agenda

- **St. Louis District Overview**
- **A&E Accomplishments**
- **2013 Priorities**
- **FY12 & FY13 Budgets**
- **Major Program Updates**
- **Contracting Opportunities**
- **Current and Planned A&E Contracts**



St. Louis District

The St. Louis District supports water resource development and provides engineering and technical services within the Mississippi River watershed, throughout the region and world to foster economic development, sustain the environment, and provide for national security.



- 10 rivers
- 5 lock & dam sites
- 5 Reservoirs
- 750 miles of levees
- 92 flood control systems
- 416 miles of navigable channel
- 70 pumping plants
- 162 recreation areas
- 1 hydropower plant



St. Louis District U.S. Army Corps of Engineers

PRIORITIES

Short-Term

- Support Overseas Contingency Operation
- Support Operation Watershed Recovery
- ARRA Project Completion
- Continue Metro-East Levees Rehab
- Maintain the Navigation System

Long-Term

- Infrastructure Rehabilitation
- Comprehensive Risk Reduction
- Balanced Watershed Management
- Relevant Public Service
- Reliable Navigation System

FY12 Focus

Lock and Dam 25 Scour Repair

Metro East Levee System Rehab

ARRA Project Completion

Communicating Value to the Nation

The St. Louis District is committed to: Delivering What We Promise; Working Collaboratively with one Shared Vision... Shared Responsibility; Making a Positive Impact



FY 12 / FY 13 Budget

Appropriations	St. Louis District FY 12 President's Budget	St. Louis District FY 12 Allocations	St. Louis District FY 12 Supplemental	St. Louis District FY 13 President's Budget
Investigations	\$ 0	\$709,000	\$ 0	\$0
Construction	\$17,839,000	\$22,082,000	\$0	\$23,300,000
Operation & Maintenance	\$78,880,000	\$124,229,000	\$12,040,000	\$79,840,000
MR&T	\$4,167,000	\$6,508,000	\$1,900,000	\$4,064,000
FUSRAP	\$31,750,000	\$31,750,000	\$0	\$31,450,000
FC&CE			\$21,305,000	
Total	\$132,636,000	\$185,278,000	\$35,245,000	\$138,654,000



Navigation

Vision: A watershed which supports the navigational needs of continued economic development, while protecting and enhancing the environment.



Scour repairs to Lock and Dam 25 - slab removal



Traffic resumes after emergency 5-day closure of Locks 27



Flood Risk Management

Construct

- ▶ **Monarch-Chesterfield**
 - \$94.M (\$61.4M Fed), FY 21
- ▶ **Festus-Crystal City (Sect. 205)**
 - \$17.3M (\$10M Fed), FY 13
- ▶ **Meramec River Basin, Valley Park Levee**
 - \$54.5M (\$40.5M Fed), FY 15

Restore

Metro East Levee Systems

\$333M (\$229M Fed)

(excludes Prairie du Pont), TBD

St. Louis Flood Protection

\$20.2M (\$13.1M Fed), FY 13

Bois Brule

\$29M (\$28.3M Fed), FY 20

Cape Girardeau (Floodwall)

\$12.5M (\$12.5M Fed), FY 18



Flood Risk Management

Construct

Monarch-Chesterfield

- \$94.M (\$61.4M Fed), FY 21

Restore

Metro East Levee Systems – Wood River, Chain of Rocks, MESD, Prairie du Pont

- \$333M (\$229M Fed)
(*excludes Prairie du Pont*),
TBD



Chain of Rocks
– Pump Station





Len Small breach repairs



Degognia slide repair

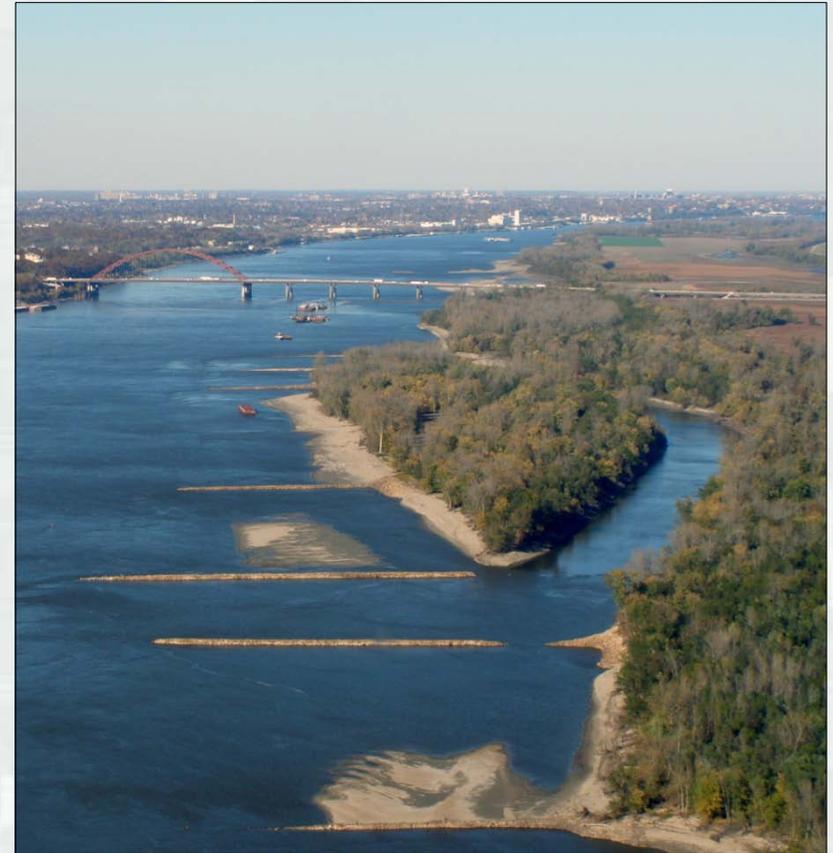
2011 Flood Event

PL 84-99 Update

- 17 Levee Districts applied for assistance during the 2011 event
- 2 Levee Districts sustained breaches (Len Small & Scott County)
- 9 Projects have been approved and funded
- All contracts were awarded in FY12 and are on schedule to be completed by spring 2013



Ecosystem Restoration & Environmental Stewardship



FY 13 Potential Contracts

Navigation

Project:	Description:	Award Date	Cost Range
L24 and L25	Install Tainter Gate Chains, Rehab Bridge Piers, Rehab Tainter Gates	4 th Qtr 2013	\$1-5M
L25	Tainter Gate Bulkheads	4 th Qtr 2013	\$1-5M
Rivers Project	Land Repair IDIQ	3 rd Qtr 2013	\$5M/year 4 years
Rivers Project	Cleaning Contract IDIQ	June 2012	\$300K/year 5 years
Dike and Revetment 195-0	Maintenance of River training structures	April 2013	\$3.7M
Dike and Revetment 300-195	Maintenance of River training structures	April 2013	\$1.6M
Regulating Works 195-0	Construction of new River training structures	April 2013	\$5M



FY 13 Potential Contracts

Flood Risk Management

Project:	Description:	Advertise Date	Cost Range
Chain of Rocks	Ditch Work	3 rd Qtr	\$500k-1M
Monarch-Chesterfield Levee	Levee Raise	3 rd Qtr	\$500k-1M
Monarch-Chesterfield Levee	Relief Wells	3 rd Qtr	\$500k-1M
Metro East Sanitary District	Relief Wells	4 th Qtr	\$500k-1M
Wood River Levee District	Relief Wells	3 rd Qtr	\$500k-1M
Wood River Levee District	Cut Off Wall	4 th Qtr	\$1-5M
Wood River Levee District	Seepage Berm	4 th Qtr	\$500k-1M





FY 13 Potential Contracts

Ecosystem Restoration & Environmental Stewardship

Project:	Description:	Award Date	Cost Range
Ted Shanks	HREP	3 rd Qtr FY12	\$10-15M
Lock & Dam 24	Scour repair	4 th Qtr FY12	\$6M



St. Louis District Program Summary

Budget Requests FY2008-2013 (\$Thousands)

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY2013
Investigations	281	0	400	0	0	0
Construction	13,746	14,382	20,682	19,905	17,839	23,300
Operation & Maintenance	85,728	73,292	76,085	80,498	78,880	79,840
MR&T	4,819	4,567	5,416	4,966	4,167	4,064
FUSRAP	40,200	40,500	50,200	40,700	31,750	31,450
TOTAL	144,774	132,741	152,783	146,069	132,636	138,654



**Current
Architect/Engineer
&
Other Professional
Services
Contracts**



A&E Accomplishments

- Lock 27 Tie Downs installed
- Lock 27 Miter gate fabricated
- AREC building construction
- Wappapello Lake D5 Road design
- Dam and levee inspections



**AREC building, St. Louis
Service Base**



Current Architect/Engineer Contracts

National Contracts	Contractor	Expires
Dam and Levee Safety	Shannon & Wilson	Aug 2014
Dam and Levee Safety	Arcadis	Sep 2014
Dam and Levee Safety	URS	Oct 2014
Dam and Levee Safety	Stantec Consulting Services	Dec 2014
Dam and Levee Safety	Kaskaskia Engr. Group	Nov 2014
Dam and Levee Safety	Midwest Levee Inspectors	Nov 2014
Dam and Levee Safety	Affinis	Feb 2015
Dam and Levee Safety	K.S. Ware	Feb 2015



Current Architect/Engineer Contracts

Regional Contracts	Contractor	Expires
Misc Planning, Engineering and Design for Navigation Projects (Rock Island District)	Stanley/INCA JV	Nov 2012
Misc Planning, Engineering and Design for Navigation Projects (Rock Island District)	Bergmann/Hanson/HDR JV	Sep 2013
Misc Planning, Engineering and Design for Navigation Projects (Rock Island District)	Jacobs/SEH JV	Jul 2013
Misc Planning, Engineering and Design for Navigation Projects (Rock Island District)	Black & Veatch	Jan 2015
Misc Planning, Engineering and Design for Navigation Projects (Rock Island District)	URS	Jan 2015
Hydrologic & Hydraulics Engineering Serv. (St. Louis District)	West	Nov 2014



Current Architect/Engineer Contracts

St. Louis District Contracts	Contractor	Expires
Misc Engineering & Design	Mendrop~Wages	May 2015
Misc Engineering & Design	McMillen	Aug 2015
Geotechnical Engineering Services	Reitz & Jens	May 2012
Field and Hydrographic Surveys	Bowen	Nov 2015
Field and Hydrographic Surveys	Hanson	Dec 2015
Field and Hydrographic Surveys	Woolpert	Dec 2015



Current Architect/Engineer Contracts

St. Louis District Contracts (cont.)	Contractor	Expires
Photogrammetric Mapping	Woolpert	Aug 2015
Photogrammetric Mapping	Fugro Horizons	Sep 2015
Photogrammetric Mapping	Surdex	Sep 2015
Photogrammetric Mapping	AeroMetric	Sep 2015
Photogrammetric Mapping	Aeroquest Optimal	Sep 2015
Photogrammetric Mapping	Dewberry and Davis	Sep 2015
Photogrammetric Mapping	Fugro Earthdata	Dec 2015
Photogrammetric Mapping	Northrup Grumman	Dec 2015
Photogrammetric Mapping	Photo Science	Dec 2015
Photogrammetric Mapping	Sanborn	Dec 2015



Current Other Professional Service Contracts

Contract	Contractor	Expires
Environmental Lab Testing Services	ARDL	Jul 2014
Environmental Lab Testing Services	ARDL	Apr 2016
Laboratory Analysis HTRW	Test America Lab	Apr 2013
Drilling & Testing	Brotcke	Sep 2014
Drilling & Testing	Palmerton & Parrish, Inc.	Sep 2014



**Planned Future
Architect/Engineer
&
Other Professional
Services
Contracts**



FY 13 Planned Contracts

St. Louis District Contracts	Amount	Contract Period	Advertise	Anticipated Award
2-A/E Multi-Discipline Engineering & Design	TBD	TBD	TBD	FY 13
HTRW Prof. Services	\$37.5M	5 Yr	Complete	Apr 2012
Laboratory Analysis HTRW Prof. Services	\$750K per period = \$3.75M	Base + 4 Option Yrs	July 2012	FY 13



Points of Contact

Col. Christopher G. Hall
District Commander (314) 331-8010

Lt. Col. Aaron Wolf
Deputy District Commander (314) 331-8014

Joseph P. Kellett,
Deputy for Programs, and Project Mgt. (314) 331-8012

Dave Busse
Chief, Engineering-Construction Division (314) 331-8202

Lou Dell'Orco
Chief, Operations Division (314) 331-8100

Brenda Wynne-George
Chief, Contracting Division (314) 331-8500

Glenn Chatman
Deputy for Small Business (314) 331-8513

