

# Falls City Engineer

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U.S. ARMY CORPS OF ENGINEERS  
LOUISVILLE DISTRICT



**US Army Corps  
of Engineers**  
Louisville District®

**District  
briefs OMB  
on Olmsted  
project**

Economics,  
time impact  
completion  
dates, costs

US Army Corps of Engineers  
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**Louisville  
District civil  
and military  
projects get  
underway  
with Recovery  
Act funds**



# Commander's Comments



Army photo digitally enhanced

**Colonel Keith A. Landry, Ph.D., P.E.**  
**Commander & District Engineer**  
**Louisville District**  
**U.S. Army Corps of Engineers**

Hello Falls City Team!

Earlier this year, I asked Ron Elliott and our outstanding Public Affairs Office to put together an electronic magazine worthy of the Louisville District. This is the fantastic product they designed. I hope you'll read it cover to cover and take a few minutes to celebrate the efforts of other team members. Please share it with your friends and family, too. Let them see how much you do for our region and nation. I have asked Susan Toutant to share it with members of Congress, state governors and other elected officials so they, too, can see what the District is doing on behalf of their constituents.

The primary purpose, though, of this magazine is for us to share accomplishments with each other. You are the main audience. This publication will highlight engineering projects, explain the missions of our different sections, and tell the stories of the talented, dedicated people who work for what I believe is the best district within the Corps as we strive to make the Louisville District "GREAT."

You may have seen some of these sto-

ries on the District's Internet and Intranet sites; however, others will be new to you. I encourage you to let our Public Affairs Office know when you have a good Corps story to tell. This is *our* magazine.

We started out this year with the largest mission ever for the District, and then with the stimulus package known as ARRA, it grew even larger. Currently, we are on the verge of meeting all our targets for advertising or awarding projects. We have also kept the Ohio River open and responded well to floods and the massive Kentucky ice storm. Members of this team continue to volunteer for deployments to Iraq and Afghanistan so that the District meets its obligations. Most importantly, we are improving our safety record compared to FY08. To borrow a horse racing metaphor, we are rounding the final turn and headed for the finish line. Now it is time for us to pull away from the field and set the standard for other districts to meet.

Keep "Building Strong!"

COL Keith Landry

## ARRA Funds Stimulate Greenway Project

By Carol Labashosky, Public Affairs



Todd Hornback

*Project Manager Matt Schueler takes pride in the Ohio River Greenway project which will benefit three riverfront communities.*

The U.S. Army Corps of Engineers Louisville District, city leaders of New Albany, Clarksville and Jeffersonville, Ind., and the Ohio River Greenway Commission celebrated a project milestone with the official ribbon cutting of the New

Albany Scribner Place segment of the Ohio River Greenway. Col. Keith Landry gave remarks during the ceremony on May 29, and he thanked civil works project manager Matt Schueler for his team's progress on the project which is now 30 percent complete.

With the recent infusion of American Reinvestment and Recovery Act dollars, the Greenway project will be able to hurdle the 50 percent completion mark within several years as long as the communities can contribute financially. Each community must match federal funds to move forward on each phase of construction.

The Greenway project provides scenic and unique river access for pedestrians, cyclists and vehicles along the riverfront of the three communities.

"The project contributes so much to the area economy," Landry said. "It is not only

beautiful for recreation, but it contributes to the local establishments along the river, and our levee right there provides a level of protection which ties it all together."

"We are thrilled to have this much completed for the citizens," said Pat Leist-Stumler, treasurer and charter member.



John Neville

*David Spencer walks Biscuit (right) and Layla along the Greenway in New Albany, Ind., May 5 at the same time a ribbon cutting ceremony was taking place nearby.*

# OLMSTED LOCKS AND DAM DISTRICT BRIEFS OMB ON OLMSTED PROJECT



John Neville

The 10-story Super Gantry Crane will pick up and move the massive concrete and steel shells to the edge of the Ohio River at the Olmsted Lock and Dam site in southern Illinois.

## Project Background

The Olmsted Locks and Dam site near southern Illinois is scheduled to replace locks 52 and 53 by 2016. The massive project is necessary because the older locks—built in the 1920s—are difficult to maintain and unreliable, causing costly traffic jams as barges are sometimes forced to wait hours, even days, to move through the locks.

The location of the Olmsted project is critical to the inland waterways system, and is often referred to as “The Hub.” The Ohio River is the busiest stretch of inland rivers in the United States.

By John Neville

In a struggling economy, the expenditure of taxpayer dollars is scrutinized more than ever.

Last month, the Office of Management and Budget visited the Louisville District’s Olmsted Locks and Dam site to make sure Americans’ hard-earned federal contributions were being properly spent on the massive inland waterways project. After all, the project has exceeded the projected completion date and the total estimated cost, results that reasonably invite questions about the Corps’ progress.

Olmsted Project Manager Larry Bibelhauser and other district employees used a 90-minute briefing to explain the project’s timeline and convince OMB representatives that the Corps is a watchful steward of the nation’s monetary resources.

Bibelhauser began the discussion explaining the importance of building two locks instead of one. First, he said, the flow of barge traffic will eventually decide whether one lock

is designated for upriver while the other is used for downriver, or whether both will feed in one direction during different parts of the day.

But two were definitely needed. Olmsted will eventually replace locks

*“The economics are such that if you have one, and you shut it down, then you shut down river traffic, and that impact is so significant that it makes sense to build two.”*

*-Larry Bibelhauser, Olmsted Project Manager*

and dams 52 and 53. Ninety million tons of goods pass through 52 and 80 million tons pass through 53 annually. The area around Olmsted is referred to as “The Hub” of this country’s inland waterways system.

“The economics are such that if you have one, and you shut it down, then you shut down river traffic, and that impact is so significant that it makes sense to build two,” he said.

The Feasibility Report was prepared by the Corps in 1985. The project was

authorized in the 1988 Water Resources Development Act with an estimated cost of \$775 million (price level Oct 1987) with construction taking seven years. Today, Olmsted is expected to cost \$2 billion, and it’s not expected to be

operational until 2016. But there are many factors that explain the cost increase and the extended finish date.

“Even if everything went well, the cost is still going to escalate because it’s now 2009,” Bibelhauser said.

Global economics are unpredictable as are natural disasters, and both affect prices. For example, China’s economic surge sharply raised the demand for steel, as have natural disasters such as Hurricane Katrina.

The crews are always at the mercy of Mother Nature, and upcoming work on the base of the dam and wicket system can only be done during the low-water season. Weather delays not only push the completion date back, they also cost money. The cofferdam, used to construct the locks, flooded, costing a total of \$15 million—\$5 million for the Corps, \$5 million for the insurer, and \$5 million for the contractor.

But the biggest variable that impacts dates and final costs is annual funding, said Deputy District Engineer David Dale. The amount Congress sets aside every year may or may not pay for the planned construction for that year.

“We’re here administering the contract for the best interests of the nation,” he said. “Here are two facts: A year’s worth of delay is about \$30 million in project costs and \$500 million in forgone benefits (to the nation).”



# Louisville District civil and military projects get underway with Recovery Act funds

By Carol Labashosky, Public Affairs

The American Recovery and Reinvestment Act (ARRA) for the Army Corps of Engineers nationwide will create or maintain approximately 57,400 direct construction industry jobs. Additionally, 64,000 indirect jobs in firms supplying or supporting the construction and the businesses that sell goods and services will be created.

The ARRA military construction and civil works projects that the Louisville District will undertake meet these five congressionally mandated criteria:

- Be obligated/executed quickly
- Result in high, immediate employment
- Have little schedule risk
- Be executed by contract or direct hire of temporary labor
- Complete a project phase, a project, an element, or will provide a useful service that does not require additional funding

The projects are distributed very broadly across the United States. Potentially, the Army Corps of Engineers had more than \$15 billion in work that could have been done, however in the final tally, \$4.6 billion—or approximately one third—actually made the list of final ARRA projects nationwide.

The ARRA projects' progress is tracked and scrutinized in an effort to provide transparency to the American people and to ensure project milestones are being met. The Army Corps of Engineers participates in interagency ARRA teleconferences with the office of the Vice President. These calls highlight significant activities regarding ARRA civil works projects.

A project summary for the Louisville District includes the following projects:

Military Projects estimated to be \$137 million:

- Brockton, Mass.
- Defense Construction Supply Center



Katie Newton



John Neville

Recovery Act funds allow repairs and progress to be made at projects like Markland Locks and Dam (left) and Olmsted Locks and Dam (right).

- Detroit Arsenal
- Fort Buchanan
- Fort Knox
- Providence (Cranston), Rhode Island
- Puerto Rico
- Rock Island Arsenal
- Tacoma, Washington

Civil Works Projects estimated to be \$53 million:

- Olmsted Locks and Dam
- John T. Myers Locks and Dam
- Ohio River Greenway, Indiana
- Ohio River Shoreline
- Markland Locks and Dam
- Duck Creek, Ohio

Numerous Army Corps of Engineers lake projects were awarded ARRA funding for staffing safety and recreation improvements.

The Louisville District made a recent award for military projects. The Tacoma, Washington pier project was awarded on July 2.

For civil works contracts, the first of three Markland Locks and Dam contracts was awarded on June 30. This was for fabrication of a custom milling machine and associated hardware to be used on site for milling lock embedded metals in

preparation for installation of new lock miter gates. The second contract will be an award for a miter gate assembly pier to support installation and maintenance of new lock miter gates. The third contract will be for fabrication and installation of new lock filling and emptying valves to be awarded in Fiscal Year 2009. Within the next 60 days, the three Markland Lock and Dam project contracts are expected to be awarded.

As of June, approximately 17 civil works projects and one military project were awarded under the ARRA.

Joanne M. Milo, supervisory program management and deputy chief, in Planning, Programs, Project Management Division, has oversight of the District's ARRA program.

US Army Corps of Engineers  
RECOVERY SITE

MORE INFORMATION

# Bobber teaches important water safety lessons

By Brian Given, Cave Run Lake

Bobber the Water Safety Dog made an appearance to show off his personal flotation device (PFD) and spread the water safety message at the Annual Kids Fishing Derby held at the Minor E. Clark Fish Hatchery in Morehead, Ky. The Annual Kids Fishing Derby is held in conjunction with Kentucky's free fishing weekend and is sponsored in part by the U.S. Forest Service, U.S. Army Corps of Engineers, Kentucky Department of Fish and Wildlife, and Wal-Mart. This year's event hosted 241 children accompanied by their parents. Cave Run Lake Park Ranger Brian Given, along with Bobber (Temporary Park Ranger Alex Hunley), handed out water safety literature and discussed water safety and proper PFD wear with the children. Other demonstrations at the event included casting contests, first aid, fish filleting, and furbearer trapping.

Photo courtesy of Lin Whitley, U.S. Forest Service



## John T. Myers Lock Chambers to be Closed for Repairs

The U.S. Army Corps of Engineers Louisville District has scheduled a closure of the 600 foot auxiliary lock chamber at John T. Myers Locks and Dam in Mt. Vernon, Ind. The auxiliary chamber will be closed from July 12, 2009, through Aug. 25, 2009.

During this period, the repair crew will be de-watering the auxiliary lock chamber to facilitate the rehabilitation of the upper and lower miter gates. During the closure of the auxiliary lock chamber,

all commercial and recreational vessels will be passed through the main 1,200 ft. lock chamber.

This auxiliary lock chamber closure will be immediately followed with a closure of the main 1,200 foot lock chamber until Sept. 9, 2009, for inspection and repairs. During the closure of the main lock chamber, all commercial and recreational vessels will be passed through the 600 foot auxiliary lock chamber.

Lockage of commercial

vessels will take precedence over recreational vessels. One upbound and one downbound lockage of recreational vessels will be made after the complete lockage of three commercial vessels. Commercial vessel traffic is expected to be heavy in the vicinity of the lock. Recreational vessels can expect lengthy delays during this closure of the auxiliary lock chamber. Recreational vessels must contact the lock by pulling the pull chain, by contacting the lock on marine channel

13, or by cellular phone at (812) 838-5836 for lockage instructions and information. Recreational vessels are urged to utilize available public boat launching ramps in the area of their planned activities in order to avoid lockage and to reduce congestion around the lock.



# Newly appointed Joanne Milo is Deputy Chief for Project Management and Planning

By Amanda Deane, Public Affairs

April 27, Joanne Milo's first day working at the Louisville District, was just four weeks after she returned from serving in Iraq as the Deputy for Programs and Project Management with the Gulf Region South District, based out of the Chicago District.

"I am very excited to be here, but I still have lots to learn," said Milo.

Since her parents met and married in the military while serving in WWII, working for a military organization has been a good fit throughout her career. She grew up in Roseville, Mich., a suburb of Detroit, and relocated to Florida to obtain a Bachelor's Degree in Oceanographic Engineering from the Florida Institute of Technology. Ms. Milo's first job out of college was for a Seismic Exploration Company (subsidiary of Texas Instruments), working in the Gulf of Mexico conducting geophysical surveys

***"I'm excited to be part of this district. I won't sit still here; I'll always be going."***

***-Joanne Milo, Deputy Chief for Project Management and Planning***

for oil companies. After working offshore for a year, Ms. Milo was offered a position with the Chicago District when they were struggling with record-high lake levels in Lake Michigan and were seeking to supplement their staff with expertise in the field of coastal engineering. She worked for 23 years with the Chicago District, including two deployments to Iraq and one year of long-term training at Fort Belvoir, Va., before making the move to work in the Louisville District.

Being overseas for almost three years, in a high-visibility, fast-paced environment has been part of her preparation for working in the Louisville District.



Amanda Deane

*Joanne Milo, the new Civilian Deputy Chief for the Planning, Programs, and Project Management Division, oversees the execution of the civil works program and the stimulus program.*

"As the DPM for GRS, I had the opportunity to manage programs with large projects that were moving fast. For example, there was pressure to get security projects completed for the Iraqi Military, so that the U.S. and coalition forces would be able to return home. There was incredible urgency to deliver these facilities," she said.

Her position in Louisville is as a civilian deputy chief for the Planning, Programs, and Project Management Division. Her efforts are focused on oversight and execution of the civil works program and the stimulus program. Her position is deployable requiring her to deploy to an location outside the continental U.S. within the next four years.

"I am aware and ready for the travel that is also required for this position," said Milo. "I'm excited to be part of this district. I won't sit still here; I'll always be going."

Outside of work, Joanne enjoys exercising, water hobbies, and karaoke. She wants a German Shepherd or a Rottweiler, but is putting off pet-ownership until finished with overseas travel. She is pursuing an MBA and would like to learn Arabic. Milo also became a proud grandmother in March.

# Reserve EPR provides project updates to high-ranking military agencies

By Carol Labashosky, Public Affairs

The Louisville District held its quarterly Engineer Program Review for Assistant Chief of Staff for Installation Management-Office of the Directorate (ACSIM-ODR) June 22-24 at the Seelbach Hotel. Project managers in Reserve Support Branch briefed their projects—most by a line-by-line review—providing updates and milestones to visitors from across the country. Attendees included the leadership and project of-



Jack Sweeney

*Louisville District leadership participate in the June 22-24 EPR.*

ficers from ACSIM-ODR. The District manages the projects for the Army Reserve, including the Base Realignment and Closure (BRAC) projects for the Army Reserve.

Due to Army Reserve projects requiring real estate off of military installations, leadership from USACE and ACSIM-ODR discussed the use of specific pre-award and post-award metrics and forward-looking indicators on Army Reserve projects that could be different than the current military CCG metrics.

Programs reviewed included the Full Facility Restoration Program, MILCON (MCAR, BRAC), and the RPX or real estate. Some projects reviewed are under the American Reinvestment and Recov-

*(Story continues on next page)*

ery Act. These, and most of the military projects in general, need to be kept on a tight schedule, according to Joe Gates, project management, reserve branch.

"The EPR provides visibility on all reserve projects so everyone involved in the District—and customers and all project stakeholders related to design, construction, real estate and environmental—knows exactly where we are in the process and where emphasis needs to be placed to get over any potential hurdle," said Gates.

"What is remarkable is how many diverse projects across the country the District is responsible for," said Dottie Krause, reserve project manager. Krause discussed several construction projects in Texas, including one Army Reserve Center training building in Houston.

In total, there are more than several hundred projects ongoing in this program. For example, the District has several construction projects in Puerto Rico, construction of a light demolition training range at Fort Hunter Liggett, Calif. and an Annual Training and Mobilization facility at Fort McCoy, Wis.

The complete list of project reviews included:

- Full facility restoration program
- Furniture
- MCAR-military construction army reserve
- MCAR and BRAC real estate acquisitions and disposals
- RPX-Real property exchange program
- MCAR and BRAC environmental
- MCAR and BRAC construction management
- Army Reserve national roofing program

Senior representatives of the Louisville District included Commander Col. Keith Landry, and David Dale, deputy district engineer; the senior representative from ACSIM-ODR, Eric Loughner; and the senior representative from ACSIM-ODB, Debra Young. Approximately 75 individuals attended the function.

A follow-up team effort will occur to provide recommendations on revised and appropriated Army Reserve program execution metrics.

## Corps hosts Governor's Scholars at Cave Run Lake

By John Neville, Public Affairs

Today a Kentucky Governor's Scholar. A few years from now, a U.S. Army Corps of Engineers employee.

That's the idea behind one of the Corps' annual outreach programs pairing Governor's Scholars with Corps leaders for a day of learning and fun. The Corps is always on the look out for brainpower, and the Governor's Scholars are a reliable source of future talent.

"We are recruiting," said Louisville District Chief of Civil Engineering John Allison. "We're no different than the basketball program at the University of Kentucky. You have UK coaches go and look at players who are in the eighth grade. We're trying to get this group interested in coming to the Corps."

The Governor's Scholars Program is held on three college campuses during the summer. For five weeks, including weekends, scholars attend classes and participate in community activities. All subjects, ranging from math and science to the arts and cultural studies, are taught in a non-traditional, interdisciplinary mode.

Noted scientists, writers, thinkers, and business, government and educational leaders visit the campuses to interact with students.

Scholars apply for the program while in their junior year. Selection is based on academic achievement, student profile, essay and teacher recommendations.

This year, the Corps hosted the 54 scholars who spent five weeks at Morehead State University. On the morning of June 24, the soon-to-be high school seniors boarded two busses for the 15-minute ride to Cave Run Lake, located in the northern section of Daniel Boone National Forest.

The scholars then divided into eight groups before embarking on the day's assignment—designing a boat ramp with a parking lot and access road while also taking into consideration flood control plans. Four groups boarded pontoon boats and headed to the site, while the other groups toured the dam and listened to a flood control briefing.



John Neville

Louisville District Chief of Civil Engineering John Allison works with two Governor's Scholars on the design of a Cave Run Lake boat ramp. The Corps annually hosts the soon-to-be high school seniors as a way of introducing college-bound students to the Corps' mission.

After the site inspection, the scholars and Corps leaders bussed back to Morehead State to work on their designs for the boat ramp. There was barely enough time—two hours—to complete the project, but that was by design. The constraint forced group members to set enough time aside to briefly address each problem.

"They have to act like a team," said Louisville District Chief of Environmental Engineering Chris Karem. "They have to turn a blank sheet of paper into a design and they have to work as a team."

Scholars used a combination of science and math skills, engineering scales and manuals, and contour maps to complete their project designs. After two hours, groups presented their designs to their peers and Corps leaders.

Cole Keller, a soon-to-be senior at Mercer County High School, said the Corps' academic exercise was a challenge.

"All the rules and particulars, they really made us think twice about everything," he said. "It's a good educational experience. They put you in situations you normally don't find yourself in."

The military program covers Kentucky, (Editor's note: The Society of American Military Engineers Kentuckiana Post provided funding for the days activities.)



# IMPROVING EMPLOYEE HEALTH

## FITNESS GURU GIVES CORPS VALUABLE LIFE LESSONS

By John Neville, Public Affairs

It's been more than six months since the beginning of the year, a time when a lot of people resolved to dedicate themselves to a healthier lifestyle. How's it going?

In an effort to get district employees thinking about their health, Louisville District Commander Col. Keith Landry invited longtime friend and fitness guru Tony Spinoso to the federal building for two days of fitness briefings.

"I want this to be a starting point for a healthier lifestyle," Landry said before introducing his friend. "We have a lot going on, but we need to take care of ourselves, personally and professionally. I've found that every time I can't seem to find the time to exercise, that is exactly the time I need to find the time to exercise, because I'm not being effective."

Spinoso began the briefing by telling his audience that genetics determine almost 50 percent, "of who you are, and we can't change that."

But there are things, Spinoso said, people can change with diet and exercise, and by cutting out the bad habits.

Spinoso also recommended eating more small meals per day, a technique he called grazing.

"Avoid buffets, and minimize meats, gravies, and fried foods," he said. "Eat slowly, chew, set the fork down, and sip water. You don't have to clean your plate."



Tony Spinoso demonstrated one of many sit-up varieties to Corps employees inside the district's gym on the eighth floor.

*"I want this to be a starting point for a healthier lifestyle."*

*-Col. Keith Landry, Louisville District Commander*

Spinoso stressed the importance of drinking water. Muscles are 80 percent water, discs are 90 percent water, and the body is 50 percent water.

Spinoso spent the second half of his presentation talking about the benefits of exercise; and there are many. Exercise keeps the weight off, improves cholesterol, builds strong muscles and bones, promotes psychological well being, and decreases pain.

"Those who think they have no time for fitness will sooner or later have to find time for disease," Spinoso said.

Following his final presentation, Spinoso held an informal exercise instructional inside the Corps' gym on the eighth floor. He demonstrated several exercises with the large rubber ball and the multi-purpose Vectra pulley system. And he

answered several questions about everything from back surgery to various home weight training systems.

"That was excellent," said Denise Bauer with the District's Resource Management Office. "We really learned a lot. It would be really good if a person like that and a dietician came in every six months or so."

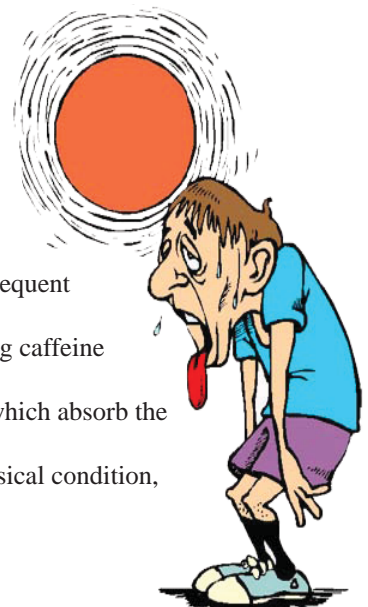
**You can email Tony Spinoso at [spinosat@ndu.edu](mailto:spinosat@ndu.edu) or check out [www.ndu.edu/health/HF/home.cfm](http://www.ndu.edu/health/HF/home.cfm)**

## Hot Weather Can Kill You

If you work outdoors in hot weather, or work in other hot environments, you are at risk for heat illnesses. The most serious of these illnesses is heat stroke, a life-threatening condition requiring immediate medical attention.

Take these precautions to avoid heat illness:

- Take it easy. Working in a hot environment is a stress on your body, so don't overdo it. Take frequent short breaks.
- Drink plenty of water, and drink it frequently. Avoid alcoholic beverages and drinks containing caffeine which can contribute to dehydration.
- Dress in lightweight fabrics that provide ventilation. Light colors are cooler than dark colors which absorb the sun's heat.
- Know you are at particular risk for heat illness if you are overweight, in poor health, poor physical condition, have heart disease, diabetes or other medical conditions.





## District Regulator of the Year a Corps veteran

By John Neville, Public Affairs



John Neville

Pam Loeffler knows the regulation side of the Corps' business, so much so that she was named Louisville District Regulator of the Year for 2008.

This award is presented annually to a selected non-supervisory regulatory staff member who has demonstrated accomplishments in accordance with the national regulatory program goals of protecting the aquatic environment, making fair and reasonable decisions, and enhancing the efficiency of the program.

"We have to be on the fence," Loeffler said. "We have to weigh all the issues. We know the applicant wants to do his project the way he wants it done. We know the regulated public wants it done right or they don't want it done at all. We have to weigh it and look out for the public interest as well as the environmental resources."

## TWITTER-FACEBOOK-FLICKR

### SOCIAL MEDIA WAVE IMPACTS LOUISVILLE DISTRICT

By Sarah Mattingly, Public Affairs

Among the many reasons President Obama's 2008 campaign will be chronicled as groundbreaking was its use of the Internet in creating virtual communities of supporters and sharing ideas. Having experienced firsthand the value of such open communications, on Jan. 21, the President issued what has become known as "the Transparency Memo," directing federal agencies to become more transparent, participatory, and collaborative.

In the spirit of that directive, the Louisville District has ventured onto the virtual social scene with presences on the websites Facebook, Twitter, and Flickr. Not only are followers and fans kept up to speed on the latest stories, media releases, vacancy announcements, and photos from around the District, they can now give feedback and interact with the District on a level previously unimaginable.

Newbies to social media

need not feel intimidated—joining the Louisville District's network is as simple as creating an account on any or all of the sites below and clicking "become a fan" or "follow." The District is eager to engage on a more direct level with members of the community and sees social media as an invaluable way to accomplish that goal.



twitter

facebook

flickr™

• **Twitter**, most recently noted for its role in the midst of the Iranian election protests firestorm, is a micro-blog where users answer the question "What are you doing?" in 140 characters or less.

• **Facebook**, likely the most well-known of these sites, is a social-networking platform where users can connect with friends and become fans of companies, products, and even government agencies.

• **Flickr** is a photo sharing site that allows the Louisville District to display images of Corps projects, people, and events, including the weekly Photo-of-the-Week contest winner.

Bee Alert! Bee Aware! Bee Alive!



Photo of the Week taken by Bethany Munsey

# New McAlpine visitors' area educates, entertains guests

By Katie Newton, Public Affairs

Visitors to McAlpine Locks and Dam can now listen to history come alive as they stroll through the visitors' area's self-guided audio tour, and if one is lucky, he or she might even get to watch a barge lock through the new 1,200 ft. chamber.

Tom Florentino, an engineer from Florida, was just that lucky. He walked to the visitor overlook just in time to see a 15-barge tow loaded with coal move through the new chamber. "This is a great project," Florentino said "I love to see these projects up-close."

The visitors' area serves as a great place for visitors to not only take in the sights, but to learn about river navigation. The newly refurbished area brings the history of Ohio River navigation to life in a self-guided audio tour. The kiosks, with recordings by former Louisville District historian Chuck Parrish, explain how a lock operates and how goods are transported on the river. The kiosks also contain important historical information about the Falls of the Ohio, Portland Canal, and the Lewis and Clark Expedition. Additionally, the center features the Louisville Repair Station's restored workboat, *Whitewater*.

Louisville resident Ed Wicklander rode his bike to the visitor center for the first time and was pleased with what he saw. "It's nice. When visitors come I'll bring them down here now. It's always so fascinating to watch the barge traffic."

The visitors' area is open to the public from 6 a.m. to 8 p.m. daily.



Katie Newton

**Tom Florentino, a visitor from Florida, watches from the visitor overlook as a coal barge moves through the new lock chamber at McAlpine Locks and Dam.**

## CORPS OF ENGINEERS SOLICITS INPUT ON NEW

# OHIO RIVER BASIN COMPREHENSIVE STUDY

By Carol Labashosky, Public Affairs

The U.S. Army Corps of Engineers is conducting a reconnaissance study of the Ohio River Basin, including the Cumberland and Tennessee River basins. Using a collaborative watershed approach, the study will identify current and future water resource issues within the basin.

"The study enables the Corps along with other organizations to collectively identify the most pressing problems and future water resource needs while collaborating," said Louisville District Planning Branch Chief Sharon Bond.

The Corps is seeking input from local, state and federal agencies on their most pressing water resource priorities for the future. The Corps encourages input from environmental non-profit agencies and groups, too.

All water resource categories are being considered, including:

- Flood damage reduction
- Environmental degradation/ecosystem restoration/fish and wildlife habitat
- Water supply/water quality
- Hydropower
- Navigation

Water resources issues being considered include existing aging water resources infrastructure ranging from small flood reduction projects to large reservoirs.

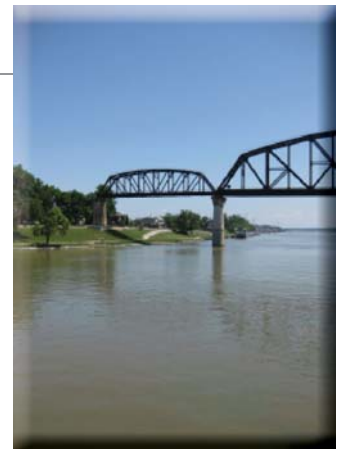
Products of the study include:

- GIS database of existing water resource projects in the study area
- Web site for information

exchange and collaboration with stakeholders

- Report including identification of the greatest water resource problems, needs and opportunities
- Formulating a framework to establish a collaborative partnership to champion the water resource issues in the basin
- Potential outcomes of the study are:
- Recommendations for planning to develop solutions to problems and needs
- Basin-wide water management plan and reinvestment strategy
- Formation of multi-state Ohio River Basin collaborative partnership

The study is expected to be completed in December 2009



Sarah Mattingly

*The comprehensive study, which is expected to be complete in December 2009, explores the future needs of the Ohio River Basin and its tributaries.*

with a draft report available through the website for public comment at the end of October 2009. The preliminary information gathering phase is underway. The Corps requests interested parties to provide input by Sept. 30, 2009, through the study Web site at: [www.orboutreach.com](http://www.orboutreach.com).



# MILITARY CONSTRUCTION AND ENVIRONMENTAL RESTORATION PROGRAMS: SERVING THE NATION IN NATIONAL SECURITY, ECONOMIC STABILITY

By Todd Hornback, Public Affairs

The Louisville District's military program serves the nation's security and economic stability in a five-state area and serves as the program manager for the reserve programs, both Army and Air Force, across the entire United States and Puerto Rico.

The District's military program covers Kentucky, Illinois, Indiana, Ohio, and Michigan and includes military design and construction at installations for Army, Air Force, and DOD agencies. In addition, environmental support for installations and environmental restoration involves removal of hazardous and toxic waste and unexploded ordnance. The military design and construction program includes military construction, known as MILCON, appropriations and Base Realignment and Closure, referred to as BRAC, appropriations and multiple operation and maintenance appropriations to support customers.

In addition to design and construction, the District performs as the real estate agent for the Army in its geographic area, and leases real estate for the Army, Navy,

serves as the design agent and program manager for the Air Force Reserves program. The reserve programs alone, in FY09, exceed \$1 billion. Real Estate Division also plays a major role nationwide to coordinate all the real estate purchases for the Army Reserve.

The District's active Army and reserve programs are playing a major role in three separate areas of change ongoing within the Army.

"Number one is BRAC, which has greatly impacted the workload of the District since the BRAC law was passed in 2005, but the Army is also transforming into a much more mobile modular force," said Darrell Nation, P.E., PMP, deputy chief, Planning, Programs and Project Management Division Louisville District.

As the result, additional brigades have been formed at Fort Campbell and Fort Knox, which has required additional facilities to be built for Soldiers to live, eat and work. The global posturing initiative is also at work by bringing 70,000 Soldiers and their families from Europe back to the



Todd Hornback

Construction work moves along on the disorientation chamber at the Human Performance Wing at Wright-Patterson Air Force Base in Ohio.

***"I'd like to say I think Soldiers deserve facilities that are commensurate with their service, and that is a very high standard to me. So that is what we owe our Soldiers and what we're trying to give."***

***-Lt. Gen. Robert Van Antwerp, Chief of Engineers***

Marines, Air Force and Air Force Reserve for their recruitment offices. The military program team also provides design and construction support to International and Interagency Services, formerly called Work for Others.

For the Louisville District, the reach of the military program extends far beyond the District's military boundaries.

The District's Reserve Support Team serves as program manager for the Army Reserve design and construction program for the United States and Puerto Rico and

United States. This initiative requires additional facilities stateside as well.

The Army, Army Reserves and National Guard are also reallocating what they each do as the result of lessons learned in the conflicts in the Middle East which requires different facilities for the Army Reserve, which are being built under the Grow the Army Program.

"I'd like to say I think Soldiers deserve facilities that are commensurate with their service, and that is a very high standard to me. So that is what we owe our Soldiers

and what we're trying to give," said Lt. Gen Robert L. Van Antwerp, the Army chief of engineers and commanding general of the U.S. Army Corps of Engineers.

The total District military program for FY09 includes more than \$1.5 billion for Department of Defense, Army, Air Force, and the Army and Air Force reserves projects.

In addition, Grow the Army projects and BRAC add to the mix of support to the nation. The Grow the Army program supports the Reserves in their realignment into brigades and is considered a stress-reduction program for the Soldiers and their families by supporting the program through additional recruits.

The BRAC process will enable the U.S. military to match facilities to forces, meet the threats and challenges of a new century, and make the most prudent and efficient use of limited defense dollars. The BRAC law requires projects to be completed by September 2011.

Van Antwerp spoke about the impor-  
(Story continues on next page)

## STORY CONTINUED...

tance and benefits of BRAC including the reuse of former military facilities and consolidation of missions.

"The benefit of doing it is that you're consolidating things in places you should. Some of the smaller, real expensive installations that you can give back to the public and then you can move out," Van Antwerp said.

The Louisville District BRAC projects include the Human Resources Center of Excellence, known as HRCOE, at Fort Knox, the Human Performance Wing at Wright-Patterson Air Force Base, and numerous Armed Forces Reserve Centers.

The HRCOE, a \$206 million design/build project, is a BRAC project that will bring together three commands-Human Resource Command, Army Accessions Command and Army Cadet Command--into a six-building complex on a 100-acre site at Fort Knox and will have an impact on every Soldier and civilian in the Army.

"It is truly a rewarding experience for our dedicated field folks at Fort Knox to participate and contribute directly to this historic military-construction transformation there," said George J. Jageman Jr., Chief, Construction Division Louisville District. "This is no small task to achieve in such a short construction duration. The skills and abilities learned from this experience will serve our newer employ-

### Military Boundaries

- States: Ky., Ind., Ill., Ohio, Mich.
  - 12 Army Installations
  - 5 Air Force Installations
  - 5 DoD sites
  - 6 slated for BRAC
  - World-wide support for the

Army Reserve Centers

### • Major Installations Served:

- Fort Knox, Ky.
- Fort Campbell, Ky.
- Wright-Patterson, AFB, Ohio
- Scott AFB, Ill.

### • Formerly Used Defense Sites

There are 636 properties on inventory with an average annual \$19 million budget in a six-state region in Indiana, Illinois, Kentucky, Michigan, Ohio and West Virginia.

### • Installation Restoration Program

There are seven installations participating in this program that the district is executing with an average annual budget of \$12 million.



ees well for many years to come and allow all to speak with pride that they were very much part of this busy and exciting era on the post."

The Corps of Engineers' work affects national security in a number of ways according to Louisville District Commander Col. Keith Landry.

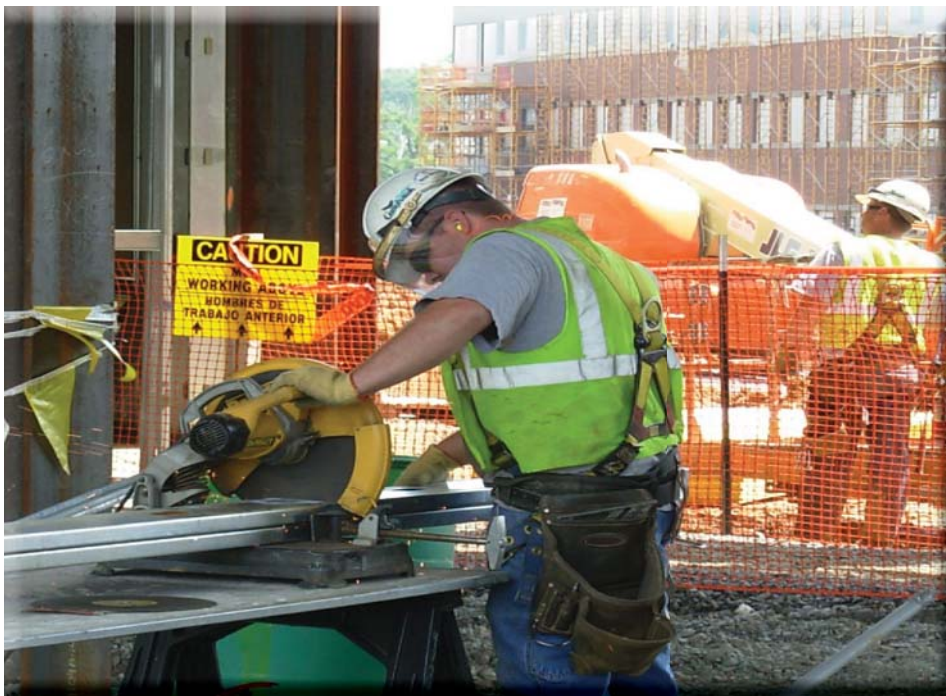
"The Human Resource Center of Excellence at Fort Knox will touch every

Soldier brought into and managed by the Army," Landry said. "The Transportation Command headquarters at Scott Air Force Base will handle worldwide logistics support for our military forces. The Human Performance Wing at Wright-Patterson Air Base will ensure pilots and crews can meet the rigors of flight. All the Army Forces Reserve Centers we are building support Soldiers and units training to deploy around the world."

Another side of the military program includes the approximately \$19 million Formerly Used Defense Sites program and the approximately \$12 million Installations Restoration Program under environmental restoration. Although the environmental programs are smaller programs in dollars, environmental clean-ups can reap large benefits for the communities and nation.

Environmental restoration includes three programs:

- The Installations Restoration Program involves clean-up at sites still under use by federal agencies such as reserve units at a long-term training facility.
  - The Formerly Used Defense Sites, known as the FUDS program, cleans up sites which have historically been used and contaminated by federal agencies or organizations.
  - The PRP program, short for Potentially Responsible Parties, works to
- (Story continues on next page)



A contractor saws material for the new Human Resources Center of Excellence at Fort Knox in Kentucky.



share the cost of clean up among the federal government and other agencies who may have contributed to a site's contamination.

Unlike the military construction program, where even a large construction project can go through the process of design and construction in a matter of years, projects under the environmental restoration program may take a decade or more.

For example, the majority of work involving clean up and transferring of lands to other agencies at the former Joliet Army Ammunition Plant outside of Chicago took more than a decade with some small cleanup and land transfer to complete. But in the same vein of supporting the nation, the projects remove environmental threats to the nation and can offer economic growth to the region, state or nation.

"The cleanup at the Joliet Army Ammunition Plant is beneficial from both an

environmental and economic standpoint," said Illinois EPA Director Doug Scott. "The Army Corps has taken largely unusable space and turned it into a tremendous asset to the state of Illinois. The efforts not only created a healthier environment, it also opened the doors for economic transformation."

For the Joliet project, transferred land provided acreage for the Abraham Lincoln National Cemetery, the nation's second largest; the Midewin National Tallgrass Prairie, the largest piece of protected open space in northeastern Illinois; and businesses expected to generate more than 21,000 construction jobs, 8,000 permanent jobs, and more than \$27 million in annual property taxes.

The military program's success is not only a project management focus—it is a team effort involving offices in Louisville District and partnerships across the Corps



*A lined truck bed prepares to remove environmental hazards from the site.*

and other local, state and federal organizations and offices.

Projects may require members from Real Estate to find and purchase available land; Contracting Division for contracting with small and large businesses for project construction; Small Business Office to assure small business receive their fair share of construction projects; Office of Counsel for legal support; Safety Office for safety review; regulatory for construction permitting requirements; and Public Affairs Office to assist with communicating with the public.

In addition, real estate oversees the Recruiting Facilities Program. This program leases space for recruiting offices for the Army, Navy, Marines, Air Force and Air Force Reserve.

"With Louisville or any of the other districts, relocating recruiting offices or space, increases the recruiting office visibility," said Nancy Davis, real estate specialist with the District's Recruiting Facilities Program. "I think this helps the young men and women to talk with recruiters to see what is offered."

With the Louisville District missions, the Corps continues to support the military missions set by headquarters and works to support the nation's economy, security and military.

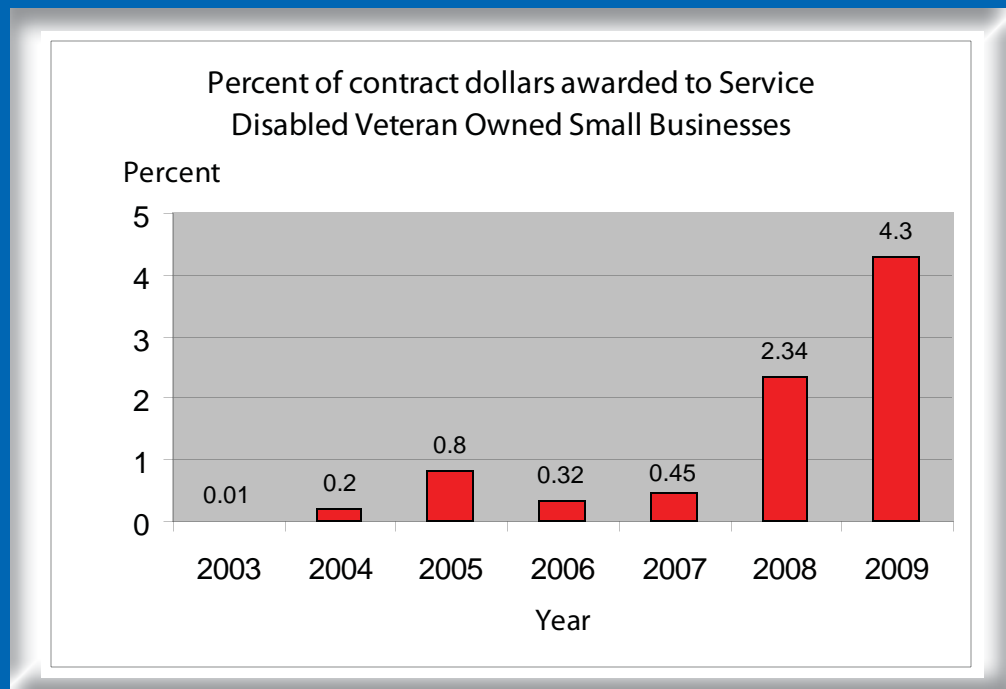
*Prairie grasses and flowers bloom in the Midewin National Tallgrass Prairie.*



# Small Business Office surpasses goal

Contributed by Linda Hunt-Smith, Small Business Office

The Louisville District is currently at the end of the third quarter and of course still has the fourth quarter, when most dollars are awarded, to go. Already 4.3% of overall dollars have been awarded to the Service Disabled Veteran Owned Small Businesses (SDVOSB). The goal by law for SDVOSB is 3% of total dollars awarded. Since the goal was established in 2003, the Louisville District Small Business Office has been focusing on getting awards to SDVOSB concerns. Even though the year is not over it is an accomplishment to have already awarded 4.3% to SDVOSB concerns and exceeded the goal.



The goal by law for SDVOSB is 3% of total dollars awarded.

Sarah Mattingly

## SAFETY CULTURE EXPANDS BEYOND LRL'S SAFETY OFFICE

By Amanda Deane, Public Affairs

"Safety is a team effort" said Jane Archer, assistant chairperson of the Collateral Duty Safety Officer Steering Committee (CDSOSC). "Each employee is a vital part of the team." The CDSOSC was formed in 2006 to assist in activities to reduce mishaps and worker's compensation costs by getting the employee more involved and integrating safety into the workplace. Another goal of the committee is to achieve Voluntary Protection Program (VPP) STAR Certification. "There is no job or task important enough to risk your safety and health," continued Archer.

Accidents are a possibility within any workplace environment, and each employee has a responsibility to look out for safety hazards for the sake of others.

Safety is structured through LRL's Occupational and Health Safety Office. The safety culture at LRL includes

the concept that everyone is a safety officer with a visible extension to this theme represented by Collateral Duty Safety Officers or CDSOs. Officers on the committee include Dr. David J. Brancato, chairperson; Jane Archer, assistant chairperson; and Sharon Greer, recorder; as well as a representative from each LRL office.

According to Brancato, "LRL has a unique opportunity through the CDSOs to change how the District performs its safety." He adds that if we improve our mindset, we can improve safety culture in an attempt to carry forth performance-based efforts. The CDSOs want to emphasize that every employee helps to create a safe working environment for all.

USACE has adopted the Composite Risk Management Process to identify anything that could potentially create a safety hazard. Archer and Brancato agree that LRL's safety goal is to embrace this

process to ensure a safe work environment. Through the process, workers effectively target the steps to reduce harm, identify hazards, take actions to prevent hazards, and consult a safety manual.

Mowing season is a good example of increased risk and accident potential. Since the Corps has contractors who mow around facilities, a great deal of risk management surrounds this area of safety. Workers need to be aware of sunburn, dehydration and heatstroke risks while working outdoors in the warmest part of the day.

"If we succeed with working together, we can reduce loss time injuries," said Brancato.

"We want to reduce accident mishaps to zero in the workplace and worker's compensation costs," said Archer. "And every employee within the Corps of Engineers should be a safety officer."

Besides reporting safety hazards to supervisors,

employees can anonymously report unsafe working conditions or near-miss incidents via the Louisville District Intranet safety page.

The Department of Defense (DOD) has mandated accident reduction by adopting Voluntary Protection Program (VPP) certification. VPP STAR Certification is determined by the Occupational Safety and Health Administration (OSHA).

"VPP certification will soon be mandatory for all USACE Districts," said Brancato.

VPP is a program with four main parts: management leadership and employee involvement, work site analysis, hazard prevention and control, and safety and health training. Through OSHA, the Corps can achieve VPP STAR Certification, and the best way to reach this goal is by getting every employee to play the role of a safety officer.



# New Faces and Fond Farewells

## New June Employees



Nicholas Atkins  
Student Trainee  
McAlpine Resident Office



Adam Clark  
Mechanical Engineer  
Construction Division



Rebecca Dunne  
Construction Technical  
Support Specialist  
Olmsted Resident Office



Sarah Futrell  
Safety & Occupational  
Health Specialist  
Construction Division



Bjorn Hale  
Contract Specialist  
Contracting Division



John Hibbard  
Engineering Aid  
McAlpine Resident Office



Kenneth Jagers  
Construction Control  
Representative  
Ft. Knox Resident Office



Nicholas Lutz  
Economist  
Planning, Programs, and  
Project Management



Jessica O'Bryan  
Interior Designer  
Engineering Division



Cheresse Peyton  
Financial Technician  
Resource Management



Jordan Powell  
Interior Designer  
Engineering Division



Jennifer Watts  
Contract Specialist  
Contracting Division

## Not pictured:

Matthew Adler, Student Trainee, Olmsted Resident Office  
Edward Borden, Construction Control Representative, Wright-Patterson Resident Office  
Jason Anderson, Construction Control Representative, Wright-Patterson Resident Office  
Brock Glasgo, Student Trainee, Wright-Patterson Resident Office  
Steven Heng, Mechanical Engineer, Wright-Patterson Resident Office  
Michael Higgins Jr., Project Manager, Planning, Programs, and Project Management  
Joseph Horning, Mechanical Engineer, Wright-Patterson Resident Office  
Justin Lambert, Civil Engineer, Wright-Patterson Resident Office  
Scott Manning, Construction Control Representative, Scott Project Office  
Sarah McKeown, Regulatory Specialist, Operations Division  
Vernon Meek, Maintenance Worker, Buckhorn Lake  
Ryne Salyer, Student Trainee, Olmsted Resident Office  
Claude Scott, Materials Handler, LRS Maintenance and Repair Section  
Joseph Wearly, Maintenance Worker, Caesar Creek Lake  
Christopher Williams, Regulatory Specialist, Operations Division

## By the numbers...

The Louisville District currently has:

- 1,430 employees
- 19 DA Interns
- 13 volunteers deployed

## June Retirements

Lou Ann Bowman, Financial Management Analyst, Resource Management  
George Mccollum, Civil Engineer, Construction Division

## Courtesy Access Days at Corps Lakes Aug. 1-9

The U.S. Army Corps of Engineers will waive all day use fees from Aug. 1-9 at its more than 2,400 Corps-operated recreation sites nationwide.

The waiver applies to day use fees collected at boat launches and swimming beach facilities. Fees for camping and camping related services and specialized facilities or special events will not be waived.

Recreation fees will be waived at the following Louisville District lakes:

- Quarry Road Beach at Barren River Lake

Boat ramps at:

- Carr Creek Lake
- Green River Lake
- Rough River Lake
- Nolin Lake
- Barren River Lake

Signs will be posted at specific locations.

"The Louisville District, U.S. Army Corps of Engineers encourages Americans of all ages to participate in the safe and healthful outdoor recreation activities available at Corps lakes. During 'Courtesy Access Days'

recreation day-use fees are waived, so enjoy a visit to one of these lakes during this period," said Dave Liagre, Louisville District Natural Resources Management Specialist.

State and local agencies and private partners who manage recreation facilities on Corps lands are encouraged but not required to comply with the fee waiver.

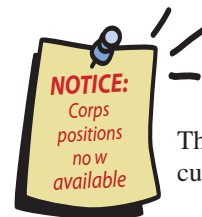
To find the nearest Corps of Engineers recreation site, please visit [www.Corpslakes.us](http://www.Corpslakes.us).

## Louisville District Job Vacancies

The Great Lakes and Ohio River Division is recruiting volunteers and permanent positions to staff the districts in Iraq and Afghanistan. Our mission is to provide engineer expertise, manage contract construction, and develop partnerships with designated government of Iraq and Afghanistan ministries and to build engineering and construction capacity in theater of operations in order to advance sustainable security, reconciliation, economic development, and rule of law.

Incentive and pay options for hiring or volunteering for these positions include but not limited to:

- Danger Pay of 35%
- Post differential pay of 35%
- Promotions may be granted non-competitively
- Relocation or Recruitment Incentives of up to 25% of pay
- Premium pay of overtime, night differential and holiday/Sunday pay
- Separate Maintenance Allowance
- Rest and Recuperation Leave.

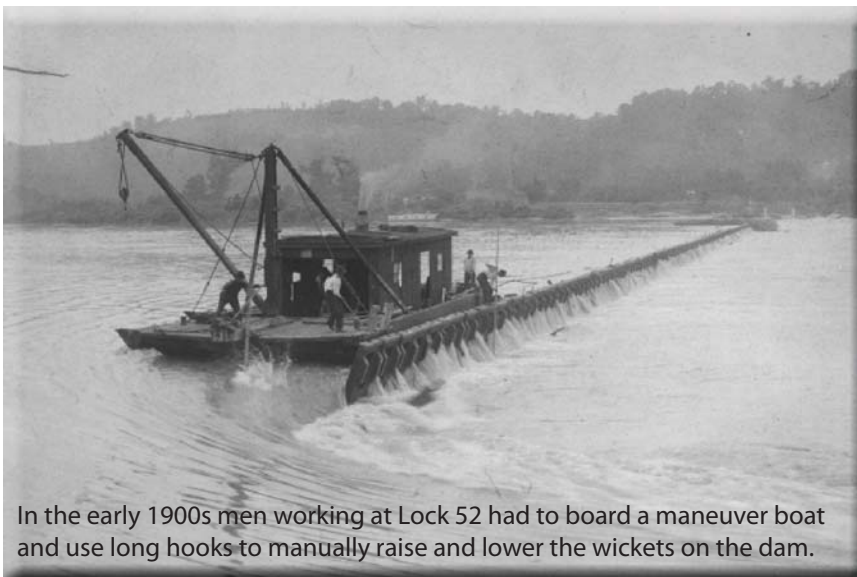


The following positions are currently available:

- Construction Control Representatives GS-11 and GS-12
- Senior Project Engineers GS-13 and GS-14
- Area Engineers, GS-13 and GS-14
- Project Managers, GS-12 and GS-13

For more information go to [www.cpol.army.mil](http://www.cpol.army.mil) or call (502) 315-6165.

## Snapshot from the past



In the early 1900s men working at Lock 52 had to board a maneuver boat and use long hooks to manually raise and lower the wickets on the dam.

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