

Falls City Engineer

U.S. Army Corps of Engineers Louisville District

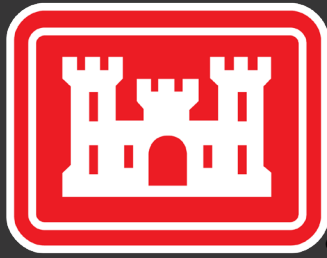
July/August 2022

Volume 14, Issue 4

www.lrl.usace.army.mil

Louisville District aids in Eastern
Kentucky response, recovery after
historic floods





Falls City Engineer

Vol. 14, Issue 4

District Commander
Col. Eric Crispino
Public Affairs Chief
Katie Newton

Send articles to Louisville District
Public Affairs office at:
madison.l.thompson@usace.army.mil

U.S. Army Corps of Engineers
CELRL-PA
P.O. Box 59
Louisville, KY 40201-0059

Falls City Engineer is an unofficial publication under AR 360-1, published bimonthly for Louisville District employees and members of the public by the U.S. Army Corps of Engineers, CELRL-PA, P.O. Box 59, Louisville, Ky. 40201-0059 under supervision of the Public Affairs Office. Views and opinions expressed are not necessarily those of the Department of the Army or the Corps of Engineers.



On the cover: Great Lakes and Ohio River Division and district leadership conducted a flyover of Eastern Kentucky to survey damage left behind by historic flooding in July 2022. Pictured is the Littcarr Campground at Carr Creek Lake, in Sassafras, Kentucky, Aug. 17, 2022. (Photo by Katie Newton)

Commander's Comments

Team Louisville,

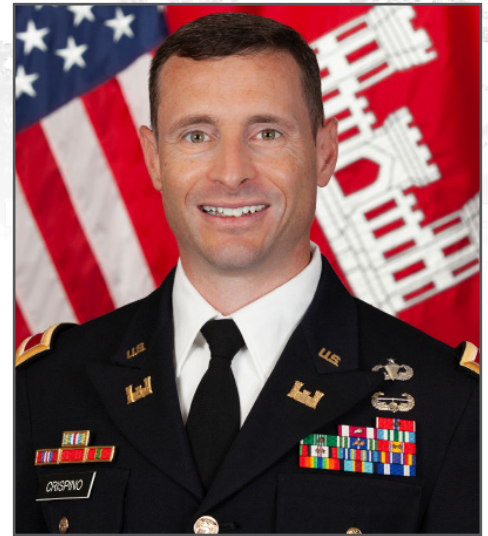
It has been a busy summer for the Louisville District. From LDP 1 and 2 graduations, groundbreaking and ribbon cutting ceremonies, welcoming a new deputy to the district and our emergency management response to severe flooding in Eastern Kentucky, the Louisville District has been busy these past few months. With fourth quarter execution upon us, there is no slowing down. I know our team will continue to get us across the finish line as the fiscal year closes out.

It is heartbreaking to see the Commonwealth dealing with yet another natural disaster. Severe flooding devastated parts of eastern Kentucky in July, and many people have lost so much — including some of our own Louisville District teammates. Many of our Operations Division staff at Buckhorn and Carr Creek lakes were personally impacted, and our thoughts and prayers continue to be with them during this difficult time.

The Louisville District is a team of consummate professionals who sacrifice selflessly for our mission, and their service does not go unrecognized. I send my deepest appreciation to our teammates who weathered the storm to perform gate operations and reduce flood levels downstream and to our personnel who are performing assessments throughout the affected counties in support of FEMA and the Commonwealth. The Louisville District continues to provide technical assistance and supplies as requested and we are prepared and ready to respond to any additional requests from FEMA.

I want to extend a warm welcome to our new deputy commander, Maj. Guillermo Guandique, who joined our Louisville team in June.

I also want to extend a hearty congratulations to the graduates of the Leadership Development Program. Congratulations to all the graduates who invested in your personal and professional



Col. Eric Crispino
Commander and District Engineer
Louisville District
U.S. Army Corps of Engineers

growth over this past year.

In this issue of the Falls City Engineer, read about the emergency response in Eastern Kentucky, the major rehab project at Cannelton Locks and Dam, Indy North's innovative flood gates, engineering division's co-op program, the Crown Hill Columbarium dedication, the arrival of our new deputy commander, office of value expertise awards and much more.

As we face yet another rise in COVID-19 positive cases among employees, I want to thank everyone for their resilience during this trying time. It is the strength of everyone here that shows our dedication to service and the district's mission.

Louisville Proud!
Col. Eric Crispino


Eric D Crispino

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BUILDING STRONG®

Volume 14, Issue 4 2

 **Please conserve:**
Think before you print.

Emergency Operations

Louisville District aids in Eastern Kentucky response, recovery after historic floods

Katie Newton, public affairs

Southeast Kentucky received up to eight inches of rain during the evening of July 28, 2022, that resulted in the most catastrophic flooding event in the region's recorded history. As the people of eastern Kentucky begin to rebuild, they face more than the devastating toll of lost loved ones and belongings. There are tons of muck, mire, and debris to be dealt with. The U.S. Army Corps of Engineers Louisville District is playing a vital role in those recovery efforts, providing support to the Commonwealth, and simultaneously cleaning up two of its own lake projects that withstood the flood and prevented millions of dollars in additional downstream damage.

Buckhorn Lake in Buckhorn, Kentucky, and Carr Creek Lake in Sassafras, Kentucky—Louisville District projects in the Kentucky River Basin—held back tremendous amounts of water that would have inundated downstream communities even more without their operation.

The lakes are part of an overall system of reservoirs managed by USACE to store water from heavy rains until the rivers and streams are at levels at which releases from the reservoirs will not cause additional flooding downstream. Many recreation



The marina at Carr Creek Lake in Sassafras, Kentucky is inundated with water during historic flooding in July 2022.



U.S. Army Corps of Engineers Louisville District Operations Division Chief, Waylon Humphrey, briefs Brig. Gen. Kimberly Peeples, USACE Great Lakes and Ohio River Division Commander during a flyover of Buckhorn Lake in Eastern Kentucky, Aug. 12, 2022.



Eric Springston, geotechnical engineer with the U.S. Army Corps of Engineers Louisville District (left) discusses bridge inspection findings with Chris Allen, District 12 bridge engineer with the Kentucky Transportation Cabinet, Aug. 8, 2022, in Knott County, Kentucky. Geotechnical engineers with Louisville District are inspecting and documenting bridge damage resulting from the recent flooding in Eastern Kentucky.

areas at the lakes suffered damage, but the two flood risk management reservoirs served their intended purpose.

“Having our lakes in place prevented greater devastation in Hazard and Jackson and those areas downstream,” said Willie Whitaker, USACE Louisville District Upper Kentucky Area Operations Manager. “These projects helped prevent even greater loss of life and property damage.”

Buckhorn Lake on the Middle Fork of the Kentucky River recorded more than eight inches of rain within a 24-hour period. The lake rose 25 feet above summer pool at the height of the event.

“I never thought I would see this kind of event,” said Dewayne Shouse, USACE Louisville District Project manager at Buckhorn Lake. “It was a historic event, that’s for sure. We have had flash floods in this area before, but nothing quite like this.”

Preliminary estimates from the Louisville District indicate Buckhorn Lake reduced the estimated flood level downstream at Tallega, Kentucky, by more than five feet and provided more than \$1.5 million in flood damage reduction benefits to communities downstream.

“We helped the greater river system,” said Shouse. “This project held back a lot of water—a lot of water.”

The same can be said for Carr Creek Lake on the North Fork of the Kentucky River where a new record pool was set at 1,050 feet—22 feet above normal summer pool.

“I have seen normal slow rising floods at Carr before, but this flash flood was crazy,” said Jesse Saylor, USACE Louisville District Project Manager at Carr Creek Lake. “It was rising in feet each hour. Not inches—feet.”

Preliminary estimates from the Louisville District indicate Carr Creek Lake reduced the flood level by more than 16 feet in Sassafras, Kentucky, more than four feet in Hazard, and more than three feet at Jackson, and provided more than \$15.9 million in flood damage reduction benefits.

During the early hours of July 28 as water levels rose, USACE personnel sprang into action.

Buckhorn Lake Park Ranger Jacob Kramer was alerted that there was extreme flooding in the tailwater campground from heavy rainfall occurring in Squabble Creek, a tributary adjacent to the Buckhorn Dam tailwater.

“Kramer immediately utilized his cross-training in dam tending and back-up generator operation and rushed to completely close off the outflow of Buckhorn Lake to lessen the impacts of flash flooding downstream and quickly moved to evacuate park attendants and campers from the impending flash flooding,” said Whitaker.

“We immediately went into 24/7 shifts,” said Whitaker. “We just kicked things into an incredible speed and resorted back to our training to do what had to be done.”

Continued on next page

Continued from previous page

Employees worked around the clock monitoring the dam, managing flows, and communicating with stakeholders and members of the public.

"I send my deepest appreciation to our teammates who weathered the storm, literally, to perform gate operations at our dams," said Louisville District Commander Col. Eric Crispino. "The Louisville District is a team of consummate professionals who sacrifice selflessly for our mission, and their service does not go unrecognized."

"In the immediate aftermath of the flood, our dam safety personnel deployed to inspect our dams, ensuring they were structurally sound and operating as intended, and members of the Louisville District Water Management and Dam Safety teams worked closely with lake staff to ensure the projects were properly storing water and providing a reduction to the flooding occurring downstream," said Crispino.

Lake staff have since worked relentlessly to begin cleanup and repair efforts at both lakes. At this time, all USACE recreational areas at Buckhorn and Carr Creek lakes remain temporarily closed until further notice.

"We will clean it up and rebuild it," said Whitaker. "We'll get it cleaned up a load at a time, 1,000 feet at a time, but we'll get it back."



Eric Springston, geotechnical engineer with the U.S. Army Corps of Engineers Louisville District inspects a bridge, Aug. 8, 2022, in Knott County, Kentucky. Geotechnical engineers with Louisville District are inspecting and documenting bridge damage resulting from the recent flooding in Eastern Kentucky.

Charles Delano



USACE

Louisville District Dam safety team members inspect the dam at Carr Creek Lake in Sassafras, Kentucky, Aug. 4, 2022, following flooding in Eastern Kentucky. Both Louisville District dams at Carr Creek Lake and Buckhorn Lake were structurally sound and operating as intended.

Some Louisville District teammates also suffered losses of their own homes and possessions.

"The realities of what everyone here has faced are devastating," said Whitaker. "We've all in this area been through a lot, and we're all forever crocheted together because of it."

Across the Commonwealth, long-term recovery efforts continue. Under the direction of FEMA, USACE serves as the lead agency providing public works and engineering support to state and local governments responding to major disasters.

"We are working in coordination with the state and FEMA to provide technical assistance and supplies," said George Minges, U.S. Army Corps of Engineers Louisville District Emergency Management Chief. "We currently have 18 personnel performing assessments throughout eastern Kentucky, we have provided more than 11,500 sandbags to the state, and we are prepared and ready to provide additional

support, if needed."

The technical assistance Louisville District is providing for the Commonwealth includes debris assessments, inspections of critical public facilities, such as water treatment plants and schools, engineer assessments of bridges, roads and culverts and technical monitoring of debris removal in streams and waterways.

The district had a debris expert embedded at the State Emergency Operations Center in Frankfort, Kentucky, with a technical assistance team of five experts conducting joint damage assessments throughout the 12 affected counties alongside FEMA and Kentucky Emergency Management personnel.

Additional teams of engineers from USACE's Louisville and Huntington districts are performed road and bridge infrastructure assessments to support the Kentucky Transportation Cabinet in coordination with the Kentucky Army National Guard.

"It is heartbreaking to see the Commonwealth dealing with yet another natural disaster," said Louisville District Commander Col. Eric Crispino. "There has only been a short reprieve from the most recent disaster and follow-on recovery efforts in Mayfield, Kentucky, but our Emergency Management team has the muscle memory to respond accordingly to meet the needs of our stakeholders. Our team has strong relationships with our state and federal partners, and we are fully prepared and ready to respond."



USACE

Louisville District debris team members participate in a Waterways Debris Removal Mission kick-off meeting in Perry County, Kentucky, Aug. 19, 2022 with Federal and state partners.

Photos continue on next page



Katie Newton

Crews pressure wash the playground area at the marina at Carr Creek Lake in Sassafras, Kentucky, Aug. 17, 2022 to remove sediment left behind from historic flooding.



Katie Newton

U.S. Army Corps of Engineers Louisville District personnel view debris and damage left behind in Squabble Creek, a tributary adjacent to the Buckhorn Dam tailwater in Buckhorn, Kentucky, Aug. 17, 2022. Southeast Kentucky received six to eight inches of rain during the evening of July 28, 2022, that resulted in the most catastrophic flooding event in the region's recorded history.

Louisville District Emergency Management conducts flood fight training

Charles Delano, public affairs

Residents who reside along the 981 miles of the Ohio River and its tributaries are no strangers to severe weather. The risk for flood in these areas increase when a location experiences heavy rain, the area has poor drainage or the soil composition is dense.

Flood fight training is one way the U.S. Army Corps of Engineers Louisville district prepares for these severe weather events.

"Louisville District has many technical experts who volunteer for flood fighting. Annual training offered by the district's emergency operations center provides the opportunity for employees to understand the capabilities of USACE so they can assist a community responding to a flood and supplement their efforts," said Bob

Burick, Louisville District emergency manager.

During the training held June 30, 2022, Burick provided an overview of the USACE disaster response authority and reviewed the sequence of events during a disaster. The group also discussed the Louisville District flood fight capabilities and support options.

"The training provides our responders with flood fight techniques we have learned from past events to be better prepared," said Jeff Brooks, Louisville District emergency management planner. "No response is identical but sharing the knowledge from these other events helps the teams adapt accordingly to the conditions they are observing in the field."

During the hands-on portion of the training, eight flood fight team members participated in sandbag filling,

placement and correct use of barriers.

After participants filled sandbags using the manual and automated methods, they practiced sandbag carrying techniques, creating a ring around a boil and forming a levee using the pyramid placement method.

"I have been assigned to flood fighting missions in the past and am aware of how stressful emergency situations can be; it is important to make good, informed decisions, quickly," said Kate Brandner, dam safety section chief. "The training will help those in the field make informed decisions to set flood fighters on the best path forward in emergency situations."

Louisville District flood fight teams responded to two major flood events in 2019 using more than 104,000 sandbags to assist with disaster response.



U.S. Army Corps of Engineers Bob Burick and Jeff Brooks with the Louisville District emergency management office demonstrate how to fill sandbags using the automated filler during flood fight training, June 30, 2022, at McAlpine Locks and Dam in Louisville, Kentucky.



U.S. Army Corps of Engineers Victoria Collins, geotechnical engineer, Levee Safety Section builds a levee using the pyramid placement method, June 30, 2022, at McAlpine Locks and Dam in Louisville, Kentucky.

Charles Delano

Charles Delano

Civil Works

Operations Division hosts boat operator training at Taylorsville Lake

Abby Korfhage, public affairs

Employees from several U.S. Army Corps of Engineers Louisville District field offices recently participated in Motorboat Operator Training at Taylorsville Lake in Taylorsville, Kentucky.

The class is mandatory for anyone who operates a watercraft vehicle less than 26 feet in length at the district's project sites. The course trains, tests and licenses individuals as motorboat operators for the Louisville District.

"There is a lot of action that goes on during the boat class, and the skills learned during this course help our field staff perform their day-to-day work once they go back to their project," said Jessica Grinnell

Lee, Louisville District Technical Support Branch Operations Section chief.

The boat course was held June 21-24, and consisted of policy reviews, written exams and practical skills involving water drills, several maneuvering courses, docking, towing and much more. These lectures, demonstrations, group assignments and practical exercises enable students to successfully perform their duties safely.

"We always tell them what they will be doing here, so students can practice beforehand," said Wayne Wilkinson, program manager. "Trailerling is probably the hardest for students, but the main thing we are watching is for them to maintain their cool."

The Louisville District's Operation Division hosts two training courses each year for employees. Students include park rangers, lock personnel, maintenance staff, survey staff and regulatory staff.

"I love being able to drive the boat," said Jacob Kramer, Buckhorn Lake park ranger and motorboat operator training student.

Each participant must take the initial 24-hour USACE-approved Motorboat Operator Course, usually held at Taylorsville Lake each year. Before attending the course, employees must also complete an online boating safety course that is certified by the National Association of Safe Boating Law Administrators.

Additionally, all motorboat operators must attend an eight-hour refresher course every five years to maintain their license. It ensures employees who operate USACE boats/vessels will do so in a safe and prudent manner according to recognized federal, state, and local laws and standards.

"When we are launching, retrieving or operating a boat, the public looks at us as the best-of-the-best, and we need to set the example and prove that our students are capable of representing the Corps the way it should be," said Blake Smith, Carr Creek park ranger and USACE boat instructor.

The class included 12 students and five instructors.



Employees from several U.S. Army Corps of Engineers Louisville District field offices participate in Motorboat Operator Training at Taylorsville Lake in Taylorsville, Kentucky, June 23, 2022.

Abby Korfhage

Miter gate replacement project underway at Cannelton Locks and Dam

Abby Korfhage, public affairs

The U.S. Army Corps of Engineers Louisville District's Cannelton Locks and Dam Miter Gate Replacement project kicked off in July and is in full swing. Due to scheduled maintenance and repairs, the 1,200-foot primary chamber at the facility on the Ohio River in Cannelton, Indiana, is closed through Nov. 11, 2022, to allow replacement of the miter gates.

The temporary closure will allow the Regional Rivers Repair Fleet's heavy capacity fleet to replace the miter gates and related equipment on each end of the primary chamber to increase reliability and efficiency on the inland waterways system.

In addition to replacing all four gates in the main chamber, the \$48.5 million project also entails replacement of the pintle bases, embedded wall quoins and gate machinery rehabilitation.

"We are excited for the project to be underway," said Josh Saylor, Louisville District Operations Division project

manager. "We have dewatered the chamber, removed the old miter gates, and now we're preparing for installation of the new gates in September."

The old miter gates, weighing approximately 300 tons each, were removed at the end of July marking a milestone in the five-month endeavor.

This undertaking is very similar to the project the Louisville District completed at McAlpine Locks and Dam in Louisville, Kentucky, in 2020.

"The team is working very hard to continue with the success we had at the McAlpine gate replacement two years ago," said Saylor. "The crew has a lot of people that were part of that project and the experience gained from back then is helping now in big ways."

So far, the project is running smoothly and is on schedule, according to Saylor.

Cannelton Locks and Dam was approved as a replacement for existing Locks and Dam 43, 44, and 45 on the Ohio River on January 27, 1960.

Cannelton Locks' construction started in July 1963. The locks were placed in operation December 1966 and completed April 1967. Dam construction started in August 1965 and the dam was completed in 1974. Currently, Cannelton Locks and Dams moves more than 54 million tons of commodities through its facility annually.

The project is scheduled to be complete in November 2022.



One of the old miter gates, weighing approximately 300 tons, at Cannelton Locks and Dam in Cannelton, Indiana, was removed July 23, 2022, marking a milestone in the five-month endeavor.

Courtesy of Josh Saylor

Indy North flood gate team awarded USACE Innovation of the Year Award

Abby Korfhage, public affairs

The U.S. Army Corps of Engineers Commanding General and 55th Chief of Engineers Lt. Gen. Scott Spellmon recently announced the Louisville District Indianapolis North Passive Flood Gate team as a 2022 USACE Innovation of the Year Award winner.

“A great engineering force requires a commitment to innovation, creativity and forward thinking. We cannot deliver a record program using the same methods and technology of the past,” Spellmon said. “The Innovation Awards allow us to recognize the leaders within the Corps for doing something different and making an impact.”

That is exactly what the Louisville team did for the Indianapolis North local flood protection project in Indianapolis, Indiana. The group designed an innovative passive floodwall that, as of 2017, had never been installed on a USACE flood risk management project.

In 1994 the Louisville District began the study of the North Indianapolis Local Flood Protection Project, and in 2000, construction began.

One of the concerns with the project was the floodwall, as proposed, would result in 600 linear feet of view shed impacts to the 200-year-old Indianapolis canal. The team came up with an innovative solution after working through several different scenarios to accommodate the local sponsor, stakeholders and community concerns.

“Proprietary passive closure systems are becoming more prevalent in private flood risk management systems,” said

Jacob Sinkhorn, Louisville District project engineer. “Passive closure systems require no human intervention or power to operate. Typically, this is accomplished by making the closure buoyant. With the increased use of passive flood closure systems by private businesses, small municipalities and cities, many new closure technologies have been developed to provide flood closures that do not require human intervention or mechanical assistance. The most common passive closure is a 'bottom hinge' system that lays flat when not in use.”

Private sector manufacturers had already proven the concept and design to be reliable in real world flood events and had shown the systems to be effective even when flooding occurs quickly without intervention. However, while various companies with proprietary passive systems have been installing products for years, none of the systems had produced a continuous passive system even close to the 600 linear feet needed for this stretch of levee system, according to Sinkhorn.

After more research and discussing the new method with other USACE personnel, the team collectively agreed to pursue this innovative approach.

“By researching the applicability and technical adequacy of passive flood gates and allowing the option for their use in the Indianapolis North Levee System, the project delivery team has reduced the operational costs for the City of Indianapolis and removed the need for human intervention during flood events, which in turn reduces flood risks associated with closures,” said Louisville District Commander Col. Eric Crispino in the team’s nomination letter.



An aerial view shows the new passive flood wall alongside the 200-year old Indianapolis canal in Indianapolis, Indiana.

The passive flood gate solution allowed the alignment to remain adjacent to the water canal, limit the local sponsor’s emergency actions in this area to patrolling, removing any obstacles to the system and honored the supplemental environmental impact statement commitment USACE made to mitigate impacts to the canal’s view shed.

As the project progressed through construction and into the testing phase, the Louisville District was contacted by multiple USACE designers and planners across the enterprise wanting to know more about passive floodwalls, according to Sinkhorn.

“The Indy North Flood Risk Management Project construction is now complete. The stakeholder’s concerns were met with diligent planning and cooperation between USACE, the local sponsor, and the local residents,” Sinkhorn said. “While this project had a very specific set of problems, a passive floodwall system could provide significant benefits for many floodwall issues related to view shed, access, fast rising creeks and streams, and local communities that don’t have the staffing to install closures.”

In addition to Sinkhorn, the Louisville District team included John Bock, Michael Moore, BJ Evans, Nolan Fitch, Chris Manley, Eli Stumler, Terry Sullivan, Ryan Jeffries, Monica Greenwell, Josh Mudd, Tori Collins, Megan Jones, Neil Cash and Jason Koenig.

“As the chief noted in his announcement message, USACE has a record program to deliver which will require innovation and creativity,” Crispino said. “The team on this project demonstrated that spirit.”



The innovative passive floodwall was constructed in 2019 is part of the Indianapolis North local flood protection project in Indianapolis, Indiana.

VA and USACE partner on Columbarium construction at Crown Hill National Cemetery

Charles Delano, public affairs

U.S. Army Corps of Engineers Maj. Guillermo Guandique, deputy district commander, Louisville District, and Linda Murphy, deputy district engineer, Louisville District attended the dedication for the

columbarium at Crown Hill National Cemetery in Indianapolis, Indiana.

“It’s been great working with such a team of professionals at USACE Louisville,” said John Kays, project manager, National Cemetery

Administration Design and Construction Service. “We serve our military veterans proudly in building this national shrine.”

The first phase of construction, which will accommodate the cremated remains of more than 3,400 veterans, includes spaces for more than 370 memorial plaques. The USACE project total is \$14.75 million which includes an administrative support building and committal shelter.

“We are proud to serve Indianapolis by bringing to the city a sacred place to keep the ashes of our fallen in remembrance of them,” said U.S. Army Capt. Jeffry O’Loughlin, project manager. “It is a privileged opportunity to partner with the Department of Veterans Affairs and the National Cemetery Administration on this very important and historic project which will help honor our nation’s heroes.”

Construction of the columbarium is part of the National Cemetery Administration’s Urban Initiative program which seeks to provide a more convenient local burial option for veterans and eligible families who choose to be cremated. When completed, the 15-acre annex will hold 36,000 cremated remains.



A dedication ceremony is held for the columbarium at Crown Hill National Cemetery July 1, 2022 in Indianapolis, Indiana. The first phase of construction will accommodate the cremated remains of more than 3,400 veterans.

Charles Delano

Louisville delivers multi-use helicopter training facility at Fort Campbell

Charles Delano, public affairs

The U.S. Army Corps of Engineers and Fort Campbell celebrated the completion of a one-of-a-kind helicopter training facility during a ribbon cutting ceremony, July 22, 2022, at Fort Campbell, Kentucky.

“We believe the success of the project was directly tied to the high level of trust amongst the different groups on the project, which was created by open and timely

communication,” said Jason Phillips, resident engineer, Fort Campbell office. “We understand the importance of the project and are honored to play a role in the U.S. Army’s mission of training our forces for generations to come.”

The \$5 million project includes a sea vessel flight deck configuration which incorporates the same lighting and similar aircraft storage arrangement as onboard a

Destroyer Designated Guided ship.

The trainer will be used to facilitate safe and realistic training for aircrews and ground operators prior to operating in a harsh over-water environment.

The project includes two additional structures, which accommodate troop offload training. A one-story and two-story helicopter landing structure were built next to the landing deck.



A MH-6M Little Bird helicopter lands on the Multi-Use Helicopter Trainer during a flight test at Fort Campbell, Kentucky June 29, 2022.

Charles Delano



A MH-6M Little Bird helicopter lands on the Multi-Use Helicopter Trainer during a flight test at Fort Campbell, Kentucky June 29, 2022. The \$5 million facility incorporates sea vessel flight deck configuration to facilitate safe and realistic training for aircrews and ground operators prior to operating in a harsh over-water environment.

Charles Delano

USACE breaks ground on modern vehicle maintenance facility at Fort Campbell

Charles Delano, public affairs

The U.S. Army Corps of Engineers broke ground on a \$30.5 million tactical equipment maintenance facility, June 29, 2022, at Fort Campbell, Kentucky. The 36,000 square-foot project will be the first new modern-design field-level vehicle maintenance shop built at Fort Campbell since 2014.

“We are excited to dig in and deliver the new vehicle maintenance shop to the 101st Airborne Division, which provides a modern standard design that will enable soldier readiness,” said U.S. Army Capt. Jeffery O’Loughlin, project manager, USACE Louisville District. “Our USACE

construction field staff is honored to ensure quality of workmanship and looks forward to ensuring the construction installation of this tactical equipment maintenance facility exceeds specifications.”

The maintenance facility, which also includes concrete paved parking and storage is scheduled to be completed June 2024.

“Projects like these are the result of many months, even years of planning,” said U.S. Army Col. Andrew Jordan, Fort Campbell garrison commander. “This is an important milestone in our collective effort to train, equip and prepare our soldiers to dominate in whatever mission they are assigned.”



Charles Delano

Jessica Stonesifer, director of public works, Fort Campbell, U.S. Army Col. Scott Wilkinson, deputy commanding officer for support, 101st Airborne Division, Bill Gilliam, project manager, Walsh Federal, U.S. Army Corps of Engineers Maj. Guillermo Guandique, deputy district commander and U.S. Army Col. Andrew Jordan, garrison commander, Fort Campbell participate in a groundbreaking ceremony, June 29, 2022 at Fort Campbell, Kentucky. The 36,000-square-foot facility is scheduled for delivery July 2024.

Soldiers shadow USACE engineers at LOUVAMC site

Michael Maddox, public affairs

Three non-commissioned officers assigned to 1st Army at Fort Knox, Kentucky recently had the opportunity to shadow Quality Assurance Representatives from the Louisville Veterans Medical Center construction project June 6-10.

As observer/controllers with their unit, the soldiers evaluate military construction units as they perform their work. Through this shadowing exercise, they were able to see several of the processes used by USACE while performing quality assurance at an active construction site.

Scott Hearne, construction quality manager for the Louisville VA Medical Center construction project, said the soldiers were able to experience much of what quality assurance reps on the project do on a daily basis.

“Upon arrival, the Soldiers participated in the contractor’s safety orientation. They

were then given an overview of the project and integrated into our team,” he said.

“They sat in on several project meetings, were exposed to our quality assurance procedures and experienced multiple features of work, including drilled pier installation, underground utility installation, and excavation.”

“This was a great opportunity to showcase our project and processes for uniformed soldiers that may someday utilize the services provided by the facility. It was truly an honor to have them onsite,” Hearne added.

Hearne said the soldiers expressed a high level of satisfaction with the experience, noting that they would like to return later in the project to see how it has progressed.

“Based on their experience discussed during a final out briefing, they plan to recommend to their senior leadership that other soldiers from their unit participate

in a similar exercise. We look forward to supporting that effort,” he said.

Staff Sgt. Shane Gorman, a horizontal construction supervisor, with the 1st Battalion, 409th Brigade Engineer Battalion, said he could definitely see the value of being able to see how USACE manages construction projects.

“It was a great experience seeing a project of that scale,” he shared. “Up to this point in my 15-year Army career, I have only worked on a couple of gravel roads and a gravel parking lot. I learned how USACE holds contractors to upholding their end of the contract and making sure they follow the specs outlined by the design engineer.”

The \$840 million project designed by URS-SmithGroup is being constructed by Walsh-Turner Joint Venture II, Chicago, Illinois.

The project includes the construction of a new 910,115 square foot medical center, parking structures, a 42,205 square foot central utility plant, roadways, sidewalks, and other site improvements.

The new 104 bed, full-service hospital located on Brownsboro Road in Louisville, Kentucky, will provide world-class healthcare for more than 45,000 Veterans in Kentucky and Southern Indiana.

The new hospital will integrate modern patient-centered care concepts to provide the best possible care for Veterans. In addition, to specifically address the needs of women Veterans, the new hospital will include a Women’s Health Clinic with four Patient Aligned Care Teams.

Construction is anticipated to be complete in 2026.

To learn more about the project visit: www.va.gov/louisville-health-care/programs/new-robley-rex-va-medical-center.



Michael Maddox

(From left to right) Sgt. 1st Class Mark Barrus, David Garvin, USACE Geotech engineer, Staff Sgt. Shane Gorman, and Sgt. 1st Class Collin Roberts, pause for a moment for a photo during the Soldiers’ time on the Louisville VA Medical Center construction site.

USACE delivers battery testing facility to NSWC Crane

Charles Delano, public affairs

U.S. Army Corps of Engineers Louisville District and Naval Surface Warfare Center Crane celebrated the delivery of the Submarine Battery Evaluation Center during a ribbon cutting ceremony July 21, 2022, in Crane, Indiana. The test facility will provide full-scale submarine battery and energy storage testing and modeling capabilities unique to the Navy. The outcome of the testing will improve the Navy's ability to predict, control and mitigate low-capacity batteries.

"Completion of the SUBBEC facility illustrates Naval Sea Systems Command's ongoing commitment to operating world class laboratory facilities and represents a quantum leap in our submarine battery test



U.S. Army Corps of Engineers Louisville District and Naval Surface Warfare Center Crane celebrated the delivery of the Submarine Battery Evaluation Center during a ribbon cutting ceremony July 21, 2022. The unique test facility provides the capability to operate a complete submarine main storage battery in a lab environment.

facilities by providing a unique capability to operate a complete submarine main storage battery in a lab environment," said U.S. Navy Capt. Garrett Burkholder, program manager, Strategic and Attack Submarines.

After construction began in October 2020, USACE encountered the major challenge of building the facility while keeping the current lab operational. The first part of the multi-faceted solution required relocating a portion of the existing lab space to allow for heating and air-conditioning modification and testing as well as ground and floor preparation.

The next step required creating an elevated work platform to separate the construction from the operation lab. Approval of the platform required evaluating the construction plans, risk assessment and collaboration between USACE construction division safety and engineering and the

NSWC Crane fire department and facilities team.

"I directly attribute success on this project to a collaborative effort between USACE's Construction Division and installation partners to creatively implement a scaffolding resolution that enabled the building occupants to continue working in a safe lab environment performing mission critical lab work, while also allowing the construction contractor to safely install the mechanical systems," said Jay Fowler, area engineer, Scott Area Office. "This innovative solution saved time to deliver the project on schedule by allowing multiple trades to work simultaneously versus working solely by manlifts or having to isolate activities."

The facility will undergo verification and validation in fall 2022 with testing of real fleet applications scheduled for spring 2023.



U.S. Army Corps of Engineers builds an elevated work platform to separate facility construction from the Submarine Battery Evaluation Center operation lab.

Louisville District Co-op program provides win-win for students and USACE

Michael Maddox, public affairs

The Louisville District's Engineering Division Co-operative Student Internship Program not only helps college students gain valuable experience in their careers, but also provides the division an inside track to training and retaining well-qualified staff.

The Co-op program developed more than 40 years ago from a partnership with the University of Louisville's J.B. Speed School of Engineering to provide a way for engineering students to work in an actual engineering business that provides engineering services, according to Ray Frye, Jr., deputy chief, Engineering Division.

"The co-op program has evolved from its initial partnership into a strategic tool to build the bench to sustain the future of the Engineering Division. Currently, the co-op program is providing engineering learning opportunities for more than 50 students this year," he said. "In the beginning, the Engineering Division Co-op program was

simply working with Speed to give students engineering learning opportunities," he said. "While employed, students are exposed to all elements of work underway in the sections. They are invited to attend meetings, participate in inspections, perform analysis and write reports."

"Upon completion of the semester, an 'end-of-rotation' meeting is conducted. The meeting is intended to discuss student accomplishments and performance, and to understand student career interests," Frye explained. "We have learned that once a student works in the Louisville District for a semester, their interests for future internship rotations often change."

In 2011, the J.B. Speed School of Engineering designated the Louisville District as an "Employer of Choice" for engineering students. The program has since expanded from just Speed School students to include others from Purdue University, Evansville University, University of Kentucky, University of Cincinnati, Western

Kentucky, Rose-Hulman and Tennessee State University with hopes to expand recruiting efforts to other regional universities with engineering curriculums.

Frye said while it's important to get diversity in education through recruiting this long and growing list of universities, one of the challenges is that the student work programs are all different.

"Some universities have no student internship programs and students can only work internships during the summer break. Some universities offer students the opportunity to take five semesters for internships, another university allows for the student to work for a whole year. Fortunately, our program is flexible enough to accommodate whatever student work program the university offers," he said.

The ED team also works to meet the needs of students by understanding and meeting student career interests.

"We spend time with students listening

Continued on next page

to their interests and mentoring them to the learning opportunities that USACE offers, which is vast,” Frye said. “The Louisville District is a full-service district that offers engineering learning opportunities in every discipline of civil engineering and planning, design, construction and operation opportunities for all engineering disciplines. ED has established relationships with Construction, Operations, and VA divisions to place students in these organizations based on their interests.”

“So, at the time of hiring, we meet with the students to understand the timing of their internship assignments and their career interests. Then we match the timing and their interests to the availability we have,” he added. “We track the internships and student learning interests, as a tool that helps us plan our recruiting efforts. The tracking tool also includes a schedule for student rotation through the engineering disciplines identified during career interest discussions.”

Sophie Zeamer, a rising senior at the University of Louisville who is majoring in Civil and Environmental Engineering, said interest shown in her as a person and as a student has allowed her to benefit from her internship in multiple ways.

“After learning about the Corps and how established its co-op program was, I knew it was where I had to be. As a sophomore I had no idea what discipline within civil I wanted to go into, and the Corps has given me the opportunity to try three very different disciplines,” she explained. “I have done rotations in Geotechnical Design, Structural Design and Environmental Compliance; all have taught me things that have increased my confidence in my engineering abilities as well as being able to work on infrastructure projects that are making housing safer, protecting our waterways and keeping our



Courtesy of Sophia Zeamer

Sophia Zeamer, a student University of Louisville who is majoring in Civil and Environmental Engineering, performs testing on underground wells in Edwardsville, Illinois, as part of her internship with the Louisville District's Engineering Department.

food sources clean. I really wanted my co-op to be a learning opportunity and that is exactly what USACE has given me.”

Besides the benefits the co-op provides for the students, there is also an added benefit for the Louisville District – a pool of future employees who already understand the mission and work of the Corps of Engineers.

“It wasn't considered a recruiting opportunity until recent years when the labor market got tight because there was a greater demand for journeyman-level engineers,” Frye explained. “Now with the onset of the Infrastructure Investment and Jobs Act, competition for skilled human resources is fierce for engineering disciplines. As a result, ED loses approximately 15 percent annually, mostly, to better employment opportunities within USACE. Fortunately, we lose very few to opportunities outside the federal government.”

“Because it is hard to replace our experienced staff, ED leadership had to think strategically. The decision was to 'Grow Our Own' journeyman-level engineers. To do that, we decided we would replace one-third of our attrition with the best students within our region. Therefore, it is ED's goal to hire about 20 students from each graduating class to help offset attrition. Because most of our attrition is civil engineers, we place a recruiting focus on this discipline.”

Ryan Hiatt, who is working on a Master of Engineering degree with the University of Louisville, said the possibility of being able to stay on with USACE after the internship was one of the reasons he was interested in the program.

“Most of the other companies that I talked to when I was looking for a co-op did not necessarily commit to bringing back their co-ops after they graduate. This was a downside for me because it could mean that other companies would not want to spend a lot of time on useful training that would be necessary as a young engineer,” he shared. “The Corps offered job stability and a willingness to invest in my professional development. Additionally, the ability to rotate through different sections and having most sub-disciplines of civil engineering represented allowed me to determine what I wanted to focus on.”

In the long run, the program is a win-win for both students and the district.

“Many interns have no idea what engineering discipline is best for them. In school, students have very limited exposure to what is out in the real world. Coming to Louisville opens the intern's understanding of what each engineering discipline does,” Frye explained. “Because interns engage in multidisciplinary teams, they are afforded the opportunity to 'see' what the other disciplines



Courtesy Ryan Hiatt

Ryan Hiatt, who is working on a Master of Engineering degree with the University of Louisville, takes part in a site visit to Soo Locks in Sault Ste. Marie, Michigan, as part of his internship with the Louisville District's Engineering Division.

do even though they are not serving in that section. Ultimately, this exposure helps the intern determine what field of engineering is best for them, at least to start.”

Zeamer added, her time with USACE has given her insight as to what to expect in a career as an engineer.

“My co-op has shown me how all the work I've put in during school has really prepared me for the real world. I've been able to increase my understanding of the engineering process and how each discipline of civil engineering is separate but has to work together to get a job done,” she said. “I have made invaluable connections with coworkers and know that I have a group of professionals that want to see me succeed in this field and want to help me get to where I want to be. My co-op with the Corps has been incredibly rewarding and has made me love this profession even more.”

All students are also offered a monetary recruitment incentive to work for ED as an intern. Upon graduation, the students are offered additional incentives to become permanent full-time employees.

“ED uses recruitment incentives to attract the best students from the schools recruited. In addition, part-time, after-school work opportunities are available for local students because of our internship program, and long before graduating, the student knows what section their permanent job will be and when they will start,” Frye said. “The benefit to USACE is easy to understand. Ideally, graduating students will have three internships (equivalent to one year of experience) upon conversion to full-time employees. In the end, the student internship program helps ED build the bench to journeyman level engineers in a much more reliable and sustainable fashion.”

USACE, 81st Readiness Division breaks ground on first U.S. Army Reserve equipment concentration site in Florida

Abby Korfhage, public affairs

The U.S. Army Reserve 81st Readiness Division, in coordination with the U.S. Army Corps of Engineers Louisville District, hosted a groundbreaking ceremony for the new Equipment Concentration Site July 14, 2022, in Gainesville, Florida.

This will be the first U.S. Army Reserve equipment concentration site in the state of Florida and will help eliminate the need for some Army Reserve units to travel more than 600 miles to neighboring states to store or draw equipment.

The Louisville District awarded the \$33.1 million contract last fall. The construction project includes a 45,694 square foot Tactical Equipment Maintenance Facility, also known as TEMF, and the alteration of a 26,642 square foot storage building while adding an additional 4,300 square feet to the existing building. The site will also include a 161,650 square yard military equipment parking area.

Additionally, supporting facilities will include land clearing, paving, aprons, fencing, wash rack, bi-level equipment loading ramps, general site improvements and utility connections. The project will be Americans with Disabilities Act compliant and will meet Anti-terrorism Force Protection and physical security measures. Sustainability and Energy measures will also be provided.

“The Corps of Engineers works diligently to strengthen our nation’s



Staff Sgt. Crystal Harlow

The U.S. Army Reserve 81st Readiness Division, in coordination with the U.S. Army Corps of Engineers Louisville District, broke ground for the new Equipment Concentration Site in Gainesville, Florida, July 14, 2022. Pictured from left to right is Senator Warren 'Keith' Perry, Florida Senate; Representative Yvonne Hayes Hinson, Florida House of Representatives; Brig. Gen. Bob Krumm, commanding general of the 81st Readiness Division; a representative from the office of Congresswoman Kat Cammack; Commissioner Marihelen Wheeler, Alachua County Commission; and a representative from the office of Senator Marco Rubio.

security by building and maintaining America’s infrastructures and providing military facilities, like this, where our service members train,” said Representative Yvonne Hayes Hinson, Florida House of Representatives. “This is a large project and an important one. I have no doubt the many team members will be able to complete it and have no doubt that this will be a facility that enriches our community, our nation and our world for years to come.”

Other speakers at the event included Brig. Gen. Bob Krumm, commanding general of the U.S. Army Reserve 81st

Readiness Division, Senator Warren "Keith" Perry, Florida Senate, and Commissioner Marihelen Wheeler, Alachua County Commissioner.

According to the 81st Readiness Division, Army Reserve units in the state of Florida rely on ECS facilities in other states, at times traveling distances over 600 miles to draw equipment for training purposes. A Florida ECS/TEMP will alleviate overcrowding at other ECS’s in the southeast region of the United States. ECS’s by design are stationed on military installations that can support unit training exercises to include annual training, WAREX, mission training for mobilizing and or re-deploying AR units. This Florida ECS will be a standalone model outside of any military installations.

The project is scheduled to be complete in 2024.



Brig. Gen. Bob Krumm, commanding general of the 81st Readiness Division, provides remarks during the groundbreaking ceremony for the new Equipment Concentration Site in Gainesville, Florida.



Louisville District Project Manager Sonia Jackson-Suggs celebrates with audience members during the groundbreaking ceremony for the first ever Equipment Concentration Site in the state of Florida.

Staff Sgt. Crystal Harlow

Abby Korfhage

USACE Office of Value Expertise earns accolades at international industry event

Michael Maddox, public affairs

It was nearly a clean sweep for the USACE Value Program, which was awarded six of eight honors during the SAVE International 2022 Value Summit held June 4-8 in Glendale, Arizona.

The Summit is a yearly event providing essential continuing education to individuals that practice Value Engineering by bringing together professionals from the Value Engineering industry from around the world.

Accolades for the program included being recognized in multiple categories:

- VE Rising Star Award – Benjamin Sakmar, Pittsburgh District Value Officer.
- VE Professional of the Year Award – Autumn Ziegler, Jacksonville District Value Officer.
- Outstanding Accomplishment in Construction – Alfonse J. Dell’Isola, U.S. Development Area, Al Dhafra AFB, Middle East District.
- Outstanding Accomplishment in Management – Jimmie Carter, Office of Value Expertise, USACE.
- Outstanding Accomplishment in Government – Gordon Frank, USACE Value Program.
- Fellow, SAVE International – Jeffrey Hooghouse, Headquarters USACE Chief Value Officer.

Corey White, Office of Value Expertise team lead, said getting so much recognition for what the team does was unexpected, but also a sign that recent changes are working.

“Getting this recognition for USACE is a great feeling. As a program, we’ve been working hard over the last eight or so years to improve things in a lot of different focus areas,” he said. “First and foremost, we had to shed the idea that VE is equivalent to

cost-cutting – our goal is to improve value, which sometimes doesn’t impact the cost at all. Secondly, we shifted our focus to improving value beyond the walls of a VE study. Seeing things through that different lens has helped us integrate quality and innovation into everything we do.”

“The Value Summit was surreal, though - I knew that we had come a long way, but never would I have imagined that we would nearly sweep the international industry awards like that. This tells me that what we’ve been doing is working,” he added.

Jeffrey Hooghouse, Headquarters USACE Chief Value Officer, said it’s nice to be recognized, but the real reward is in the results the OVx produces.

“The program has seen significant improvement in the last decade or so - coming from where we were in 2012, to being recognized on the international stage validates all of the hard work, from maximizing the quality of our products and services, capturing the value we provide customers and the taxpayer, to improving the efficiency and effectiveness of how USACE does business,” he said. “The OVx is a major factor in this improvement, but none of this would be possible without the dedication and commitment of the 52 Value Officers we have across the enterprise.”

White attributes his and the rest of the teams’ success to having the right people for the task at hand.

“In both the OVx itself and the larger Value Community of Practice, the people make all the difference. The VE industry is a very small industry, and the value specialist discipline is not something people go to college for. As a result, we have to grow that capability ourselves,” he explained. “In some ways, that makes hiring very easy – we just need the best people we can get. Personality is very important to how effective someone can be on a team. That’s why we don’t care what someone’s background is – they can be an engineer, a contract specialist, a biologist, a project manager, anything – our goal is to have a good culture of people with the right mindset that want to make things better every day.”

The Office of Value Expertise is an enterprise support team that is executed out of the Louisville District. It oversees aspects of the USACE Value Program by directly supporting both the Chief Value Officer at USACE Headquarters



Courtesy of Corey White

Corey White, Office of Value Expertise (OVx) team lead, poses for a photo with the Jimmie Carter Outstanding Achievement in Management Award, which was presented to the Office of Value Expertise during the SAVE International 2022 Value Summit held June 4-8 in Glendale, Arizona.

and the Value Community of Practice members at every District, Center, and Division in USACE. The team is made up of five full-time staff that serve as management experts to ensure viable and effective program management at every level. This is achieved through training, mentoring, managing reporting systems, performing data collection and analysis, standardization, and running an apprenticeship program to ensure qualified people are placed in Value Programs throughout USACE.

The USACE Value Program has been a leader in applying the Value Engineering Methodology to construction projects since 1964, solidly demonstrating Corps cost-effectiveness. The program has resulted in construction of over \$6.2 billion in additional facilities, without additional funds requests.

The basic thrust of the program is to maximize value in everything USACE does. The most common method of doing this is increasing project value by proactively searching for and resolving issues through very open, short-term workshops. By doing so, USACE can stretch precious taxpayer funds by fulfilling the required functions, delivering quality, and being as efficient as possible with the resources needed.



Members of the Office of Value Expertise (from left to right) Mandy Bianchini, Middle East District, Jeff Hooghouse, Headquarters USACE, and Autumn Ziegler, Jacksonville District, gather for a photo while displaying the various awards the Office of Value Expertise received during the SAVE International 2022 Value Summit held June 4-8 in Glendale, Arizona.

USACE

New deputy commander receives a fast-paced welcome

Charles Delano, public affairs

U.S. Army Corps of Engineers Louisville District welcomed Maj. Guillermo Guandique as the new deputy commander June 16. The timing of his arrival coincided with numerous construction milestones and provided a quick start in his position. During his first few weeks as deputy commander, he participated in the groundbreaking of the vehicle maintenance facility at Fort Campbell and ribbon cutting ceremonies for the Submarine Battery Evaluation Center at NSWC Crane, VA Columbarium in Indianapolis and Multi-Use Helicopter Trainer at Fort Campbell.

Although this is Guandique's first assignment with USACE, he previously visited Louisville District in April during the sexual assault awareness events.

"My first impression of Louisville District was of a professional organization with people who take things seriously



Charles Delano

U.S. Army Corps of Engineers Louisville District Deputy Commander Maj. Guillermo Guandique participates in Painting with Purpose during Sexual Assault Awareness month during an initial visit to the district April 28, 2022.

while, at the same time, are personable and very welcoming," said Guandique. "I was impressed and overwhelmed because it is a very large organization and learned that USACE does more than I ever knew."

Guandique bases his leadership style on some key elements. His first point is to lead based upon the commander's intent and help employees see what that future looks like. The second point is to empower employees and help them understand that they have the ability to make decisions that are aligned with our values, goals and mission. The final point is to show employees respect and value them as people and professionals.

"I am here to serve individuals and the organization so they can best accomplish the mission," said Guandique. "That is how I define myself as a leader – as a servant to the organization."

His prior assignment was at Schofield Barracks in Hawaii where he served as a division staff officer for the 25th Infantry Division then executive officer for the 29th Brigade Engineer Battalion, 3rd Infantry Brigade Combat Team.

"In every job I have learned something different," said Guandique. "They taught me to not just solve problems but how to prevent problems."

Guandique graduated the United States Military Academy with a Bachelor of Science in Systems Engineering. He returned nine years later as faculty member and tactical officer.

"It was like my second graduation because I made the change from the military as a job to the military as a profession," said Guandique. "I professionalized myself in leading and developing other officers."

Guandique has ties with Kentucky as



Charles Delano

U.S. Army Maj. Guillermo Guandique stands on top of the Multi-Use Helicopter Training building during a site visit, June 29, 2022 at Fort Campbell Kentucky. Guandique began his assignment as deputy commander June 16, 2022.

a previous resident and graduate of Fort Knox High School. He is married with three children and has parents and a brother who also live in Kentucky. Ironically, he was influenced to become an engineering officer when he was watching river crossing and breaching operations during a visit to Fort Knox during a summer session at West Point.

When he has free time, Guandique and his wife enjoy a flight of beer at a local brewery or pub with his favorite meal being wheat ale and a good burger. He also spends time woodworking and golfing and considers himself good at grilling.

"I can grill steak and burgers, no problem," said Guandique. "Chicken has been my nemesis."

Louisville District security office offers Antiterrorism Awareness Month messages

Madison Thompson, public affairs

August is Antiterrorism Awareness Month and is an excellent opportunity for soldiers, civilians and families to increase their understanding of personal safety and safety in the workplace. It is also an opportune time to review topics like extremism, terrorism, insider threats and cybersecurity vulnerabilities.

It's important that district employees be vigilant and practice personal and professional security. Thankfully, the U.S. Army Corps of Engineers Louisville District has a security office who is solely focused on these efforts.

The district recently welcomed several new members to the security office, including Jim Milner and Jason Almodovar to work alongside Roy Stone and Charles Tanner. Together, they have worked diligently to supply the district with as much information as possible about personal and professional security.

"When it comes to the Antiterrorism Awareness Month, we're just making sure all of our fellow employees have a refresher and reminder of being aware of their surroundings during holidays or when they're conducting site visits," said Jason Almodovar, Louisville District physical security officer. "It's an extra month we

get to push out extra knowledge so that everyone is informed."

The extra knowledge the security office provided throughout the month is meant to protect and act as a defensive measure.

"Antiterrorism is the defensive measure. Counterterrorism is the active measure where you're actually going out there going against the bad guys. We are the defensive measure," said Jim Milner, Louisville District antiterrorism officer.

Defensive measures include being aware, not leaving important documents or security badges unattended and reporting suspicious activities. Security, both at

Continued on next page

work and in personal life, starts with the individual.

"Each member of the Army community should be actively involved in combatting against these threats through sustained vigilance and prevention," said Milner. "There's a whole bunch of you have to mesh together. It's easy for us because we do it every day, but as soon as I step outside this office, I have to be aware."

Louisville District celebrates Leadership Development Program graduations

Madison Thompson, public affairs

The U.S. Army Corps of Engineers Louisville District celebrated the graduation of the participants of Leadership Development Program Level 1 July 12, and Level 2 on Aug. 4, at the Romano Mazzoli Federal Building in Louisville, Kentucky. Both Leadership Development Program Levels consist of 11-months of professional development to advance the students' leadership skills through formal training, mentoring, and experiential learning.

During both graduations, guest speakers were invited to participate in the celebration.

The guest speaker for the LDP 1 graduation was Col. Gary Campbell, current Chief of Internal Control at the Army Reserve Aviation Command, who spoke to the graduates about studying leadership and how it can be a challenge.

"That's the thing about studying leadership," said Campbell. "There are so many examples to learn from, both good and bad, and both are useful. One tells us what to do and what to be like. The other tells us what not to do and what not to be like."

Campbell also paraphrased some personally meaningful quotes from authors he found influential, specifically from coach John Wooden, saying students should, "Be more concerned with your character than your reputation because your character is what you really are, and your reputation is what people merely think you are."

Campbell concluded by saying, "The expectation is to be the very best you are humanly capable of being."

Brig. Gen. James Paul Sanders, division commander of the 352nd Civil Affairs Command in Fort Meade and guest speaker for the LDP 2 graduation, emphasized a similar theme that leadership and learning are a continual learning process.

"If you think your schooling is over, it's never truly over. You're always learning and taking new positions and growing as a leader and as a person. This is just one step, this leadership course, for your success moving forward," said Sanders. "There are

The following are important places to be especially aware of your surroundings:

- USACE Infrastructure & facility access points
- Religious facilities & Schools, libraries, day care centers
- Amusement parks
- Sports/entertainment venues such as: ball games, concerts, recreation centers and fitness facilities

- Hospitals & lodging facilities
- Mass gatherings—running events, parades, fairs, farmers markets, etc.
- Grocery stores, malls, gas stations, banks

It is important to be aware, and if you see something out of the ordinary, say something. Call the Louisville District Security Office at 502-315-6915 or call local law enforcement.

no day traders in leadership. It takes time to cultivate relationships. You've got to go to school. There are specific jobs you take. There is no quick way to be a leader."

At the end of both graduations, U.S. Army Corps of Engineers Louisville District Commander Col. Eric Crispino spoke to the graduates, congratulating them on the successful completion of their courses.

"I look forward to seeing the impact and the effects of your work down the road," said Crispino. "I'm really impressed with you and can't wait to see you in your next leadership role here in the district."

LDP 1 graduates include the following: Wesley Anderson, Francesca Braghieri, Patrick Casto, Nora Coy, Chris DeSmit, Lance Filiatreau, Robert Glenn, Kelsie Hall, Bryce Hoyng, Kristian Jolly, Steele McFadden, Stephen Panter, Jack Readd, Shaleena Rider and Jason Young.

LDP 2 graduates include the following: Keith Frentz, Cole Gehlhausen, Hope Gibson, Jessica Grinnell Lee, Gary Grunwald, Chris Hesse, Mark Klinglesmith, Ken Lamkin, Alex McCoy, Emily McKinney, Kelley Parker, Charles Sawyer, Tiffany Shively and Dewey Takacy.



Jack Sweeney

Leadership Development Program 2 graduates Aug. 4 at the Romano Mazzoli Federal Building in Louisville, Kentucky. LDP 2 graduates include the following: Keith Frentz, Cole Gehlhausen, Hope Gibson, Jessica Grinnell Lee, Gary Grunwald, Chris Hesse, Mark Klinglesmith, Ken Lamkin, Alex McCoy, Emily McKinney, Kelley Parker, Charles Sawyer, Tiffany Shively and Dewey Takacy.



Debra Hunt

Leadership Development Program 1 graduates July 12 at the Romano Mazzoli Federal Building in Louisville, Kentucky. LDP 1 graduates include the following: Wesley Anderson, Francesca Braghieri, Patrick Casto, Nora Coy, Chris DeSmit, Lance Filiatreau, Robert Glenn, Kelsie Hall, Bryce Hoyng, Kristian Jolly, Steele McFadden, Stephen Panter, Jack Readd, Shaleena Rider and Jason Young.