

# Falls City Engineer

U.S. Army Corps of Engineers Louisville District

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Lock chamber repairs  
complete at John T. Myers





## Falls City Engineer

Vol. 12, Issue 5

### District Commander

Col. Eric Crispino

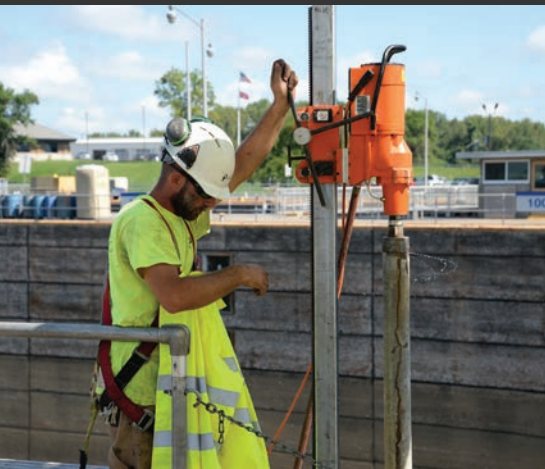
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**On the cover:** Contractor works to replace a floating mooring bitt and track on a dewatered lock chamber, Aug. 18, at John T. Myers Locks and Dam in Mt. Vernon, Ind. (USACE photo by Abby Korfhage)

# Commander's Comments

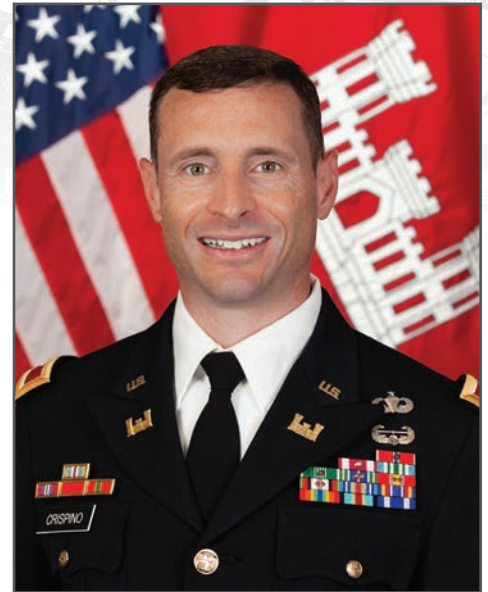
Team Louisville,

First, I want to congratulate all of you for bringing a very successful FY20 to a close. Fiscal year-end is an exciting time, and this year has been one for the record books. Your performance is especially impressive given the challenges associated with COVID-19 and the recent civil unrest in Louisville. As Lt. Gen. Spellmon said, "People are the very foundation of all we do." Without each of you, our district cannot win and succeed. Your dedication and teamwork are amazing, and I appreciate all of you for your hard work.

Secondly, please continue to be vigilant to the COVID-19 threat. Follow CDC guidance by socially distancing at least 6-feet from others when possible, wearing a cloth face covering when you cannot maintain a 6-foot distance, regularly washing hands, cleaning common surfaces and disinfecting your workspace.

This issue of the Falls City Engineer highlights contributions our team members make to the nation, such as Nolin River Lake piloting new reef balls for fish habitat, our team leading a new elementary school construction project at Fort Knox, working with our Chicago teammates and expanding the region's vertical construction capabilities and more.

Lastly, as we move into FY21, I encourage all of you to take a collective breath and recharge. I look forward to FY21 as we continue to adapt and deliver the programs for our customers and stakeholders. We have many challenges ahead of us, but I am excited about



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

tackling these like we always do and continually show why we are Louisville Proud!

Thanks again for all you do!

Building Strong! Louisville Proud!

Col. Crispino


*Eric D Crispino*

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BUILDING STRONG®

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

# Nolin River Lake pilots new reef balls for fish habitat

Katie Newton, public affairs

As part of a multi-agency effort, Nolin River Lake will be the first in the Louisville District to install concrete reef balls in the lake to serve as fish habitat.

The collaboration is part of a larger effort with Kentucky Fish & Wildlife, Friends of Nolin, Friends of Reservoirs, Roundstone Native Seed LLC, Fishiding Reclaimed Artificial Fish Habitat, Moutardier Marina, Atmos Energy Cooperation, and Reef Innovations, to complete a \$300,000 bank stabilization project, which includes installing rip rap to promote bank stabilization, planting native terrestrial plants to promote the pollinator initiative and enhancing fish habitat, said Nolin River Lake Park Ranger Libby Watt.

Watt, who is driving this environmental stewardship effort for USACE, said the concept of using reef balls as fish habitat came about due to a strong partnership with the Kentucky Department of Fish & Wildlife Resources.

"They offered to collaborate on this project and helped secure a grant from Reservoir Fish Habitat Partnership (RFHP), a non-profit group who works to improve fish habitat in different areas for government agencies."

"We received a grant through RFHP for \$30,000," Watt said. That grant paid for eight fiberglass reef ball molds and all the supplies and equipment to make them.

"It's a patented design that is only to be used in lakes in Kentucky based on our agreement with the Reef Innovations, the



Nolin River Lake Park Ranger Libby Watt holds a model-sized replica of the reef balls which will be built and placed in the lake as fish habitat, targeting bass, crappie, and catfish. Also shown are the fiberglass molds the team will use to create the large reef balls.

manufacturer of the molds," Watt said. "They came here Sept. 28 – Oct. 1 and trained staff from the Department of Fish and Wildlife and USACE Green River Area employees on how to make and install them properly."

Watt says the No Shoes Reefs initiative, started by country music star Kenny Chesney, also donated one large fiberglass mold so the team could produce as many reef balls as possible.

"Our immediate goal is to make 48 reef balls to put in the water early next spring. We were able to make 18 reef balls during

our training day, so over the coming weeks our team will finish pouring the rest of the them," Watt said.

The reef balls specifically target bass, crappie and catfish. Three sizes were purchased for this effort to include pallet ball, bay ball and mini bay balls that range from 4 feet by 2 feet wide and weigh between 200 – 600 pounds.

Watt noted that there are additives in the concrete that protect the concrete from leaching calcium under water and protect them from freeze and thaw effects if exposed from winter pool drawdown. It makes them ideal for fisheries management at reservoirs, where the water depth may fluctuate up to 25 feet between summer pool and winter pool.

While the reef balls are primarily intended as fish habitat, USACE also plans to experiment with using the larger ones as wave breaks to further protect the shoreline. "The reef balls have been used extensively in marine habitats for fish habitat, to promote coral reef growth, and as shoreline and beach protection, but haven't been used much at all in freshwater systems," stated Watt. "We're excited to see how the reef balls will affect shoreline erosion in our reservoirs."

"We're working to reduce erosion with the bank stabilization effort and enhancing aquatic habitat, while also developing relationships with our partners and stakeholders. It's a win-win," Watt said.



Crews use fiberglass molds to assemble large cement reef balls to be used for fish habitat in Nolin River Lake in Bee Spring, Ky.

# Lock chamber repairs complete at John T. Myers

The motor vessel John Vaughn was the first to lock through the 1,200 foot lock chamber at John T. Myers on the Ohio River near Mt. Vernon, Indiana, Sept. 23, 2020, as it reopened to navigation traffic.

The main chamber had been closed since early July for routine maintenance and repairs to the miter gates and floating mooring bitts, which vessels use to tie off while in the chamber.

Approximately 30 employees from the Regional Rivers Repair Fleet’s Light Capacity Fleet were onsite each day working on repairs to the fenders on the lower miter gates and assisting with replacement of floating mooring bitts.

Simultaneously, a contractor—Innovative Piering, out of Sellersburg, Ind.,—worked to replace four floating mooring bitts and tracks.

“This temporary closure allowed us to perform routine inspections and repairs to increase reliability,” said Caleb Skinner, Louisville District operations manager for Locks and Dams. “More than 58 million tons of commodities pass through this lock annually, and these repairs ensure the navigation industry can keep moving commerce safely and efficiently through this stretch of the river.”



The motor vessel John Vaughn, operated by Excell Marine, was the first to lock through the 1,200 foot lock chamber at John T. Myers on the Ohio River near Mt. Vernon, Ind., Sept. 23, 2020,, as it reopened to navigation traffic.



Contractors perform core drilling to replace floating mooring bitt tracks in the main chamber at John T. Myers Locks and Dam Aug. 18.

## Did you know the Ohio River navigation system saves taxpayers money and keeps semi-trucks off the road?

CARGO CAPACITY				
<b>BARGE</b>	<b>15 BARGE TOW</b>	<b>JUMBO HOPPER CAR</b>	<b>100 UNIT TRAIN</b>	<b>LARGE SEMI TRUCK</b>
1750 TON	26,250 TON	110 TON	10,000 TON	25 TON
61,250 BUSHELS	918,750 BUSHELS	3,850 BUSHELS	350,000 BUSHELS	779 BUSHELS
1,375,000 GALLONS	20,625,000 GALLONS	30,240 GALLONS	3,024,000 GALLONS	7,885 GALLONS

### EQUIVALENT UNITS

**1 BARGE**  
1750 tons of dry cargo

**16 JUMBO HOPPER CARS**

**70 TRUCKS**

**1 TOW**

**2.25 100 UNIT TRAINS**

**1050 TRUCKS**

### EQUIVALENT LENGTHS

**15 BARGE TOW**  
.25 MILE

**2.25 UNIT TRAINS**  
2.75 MILES

**1050 TRUCKS (Bumper to Bumper)**  
13.9 Miles

# Louisville District leads Van Voorhis Elementary School construction project at Fort Knox



The new 104,000-square-foot school will replace the existing 84,000-square-foot Van Voorhis Elementary School located on Fort Knox. Construction is slated to be complete in 2024. The construction project is estimated between \$25 and \$100 million.

## Shatara Riis, public affairs

Come 2024, the Fort Knox, Kentucky Army post is scheduled to have another new 21st century elementary school, along with its Kingsolver Elementary School.

The U.S. Army Corps of Engineers Louisville District will lead the construction effort for the replacement of the Van Voorhis Elementary School.

The new 104,000-square-foot school will replace the existing 84,000-square-foot educational facility. The work is to consist of building a new elementary school, demolishing the current school, constructing a playfield and parking lot.

The new 21st century Van Voorhis Elementary School will be on the existing property of the current school, located on Folger Street. The present school shall remain in operation during construction, said Ben Evans, Louisville District project manager. Consideration must be taken to maintain the existing parent drop-off/pick-up, vehicle circulation and parking.

According to Evans, while the project is yet to be awarded, it is expected to be awarded in the second quarter of calendar year 2021 or third quarter fiscal year 2021.

"The construction cost is estimated between \$25 million and \$100 million," Evans said. "Depending on award

timeframe, the project will take about 950 days."

This project is an Architect/Engineer Design Bid Build, which means a full design will be completed to include plans/drawings, and specifications will be provided upon the solicitation of the construction aspect of work. The contractor will not be required to perform design work as that will already have been done, Evans said.

In compliance with current Department of Defense Education Activity 21st century facility requirements, the Van Voorhis Elementary School replacement project will include general purpose classrooms, gymnasium, auditorium, information center, computer lab, cafeteria/food service/kitchen, supply areas, specialist rooms, music room, art room, learning impaired room, neighborhoods, learning hubs, teacher work rooms, counseling areas, storage, administrative offices, and other required areas for a fully functioning facility and school complex.

Even though the project hasn't been awarded yet, there have been a few concerns.

The design schedule and geotechnical results have posed challenges, Evans said. However, these challenges have been overcome with the Project Delivery Team's

management of risks.

In line with the U.S. Department of Transportation, geotechnical results, plans, reports and special provisions may involve any earthwork or foundation related activities such as construction of cuts, fills or retaining structures, which due to their size, scope, complexity or cost, deserve special attention.

Although the PDT has faced a few challenges, the team has completed the Interim Design phase.

Through AE and PDT coordination, 65 percent design has been submitted, Evans said.

The Interim Design phase ensures funding limitations are not being exceeded, and the drawings, design analysis, specifications and cost estimate are proceeding in a timely manner, along with the design criteria and previous review comments being correctly interpreted, as summarized from the Louisville District Military Design Guide.

As the Louisville District Military Construction Division progresses with this project, Evans is looking forward to, "Having the privilege to lead a wonderful team of experts to produce a school for the children of our honored U.S. military Soldiers," he said.

# Construction of \$126 million Intelligence Production Center at WPAFB begins third, final and largest contract led by Louisville District

*Shatara Riis, public affairs*

The U.S. Army Corps of Engineers Louisville District has the privilege to oversee the construction of the \$126 million Intelligence Production Center for the National Air and Space Intelligence Center at Wright-Patterson Air Force Base, located in Ohio.

NASIC is the Department of Defense's primary source for foreign air and space threat analysis. NASIC is the Air Force's service intelligence center and the nation's air and space intelligence center.

According to Louisville District Project Manager Steve Farkus, the IPC will be the office work space for more than 900 people associated with NASIC.

"It is a combination of nearly 256,000 square feet of new building combined with some elements of renovation," Farkus said. "Central to the work of this project is providing a safe and secure environment very close to the new construction, where the NASIC staff will continue to function in their duties at a very high level of performance."

The project was awarded Aug. 12, 2020, and the construction duration is 1,095 days from a Sept. 4 Notice to Proceed, but this

project has complicated phasing, Farkus said.

"The nature of the work is that after construction is complete, NASIC and the Defense Intelligence Agency validate and conduct burn-in testing of equipment," Farkus said. "We actually issue a second NTP to Messer Construction. They then have 60 days to connect the new project to existing buildings. Currently, our schedule has Jan. 16, 2025, as the actual date for the NASIC staff to move into their new space."

Farkus indicated the team learned early on in the design process this was not normal office space; rather it is in a unique setting, where specialized work is to be conducted.

"We will increase their capacity to protect our fighting forces all over the world," Farkus said. "The intelligence NASIC collects and analyzes saves lives."

With this magnitude of a project, one of the biggest challenges has been taking the mission requirements the organization has and presenting a design that meets their needs.

"Open and frequent dialogue contributed to overcoming the challenges," Farkus said. "We have worked to create a culture of very candid and open conversation."

That transparent communication played a major factor in progressing the project forward.

"We were able to maintain our design schedule and overcome some technical challenges in the actual details the government received. The scale of the work for this project is gigantic, and we did not let that slow down our efforts for problem solving," Farkus said. "We were able to hit the mark on our Ready to Advertise milestone, and construction award is, in fact, getting to our construction award date a week earlier than has been projected a year out."

According to Farkus, this project had a diverse group of stakeholders come together over the course of years to develop one of the best projects to facilitate the collection and analysis of intelligence data.

"I'm very appreciative of the leadership across all the organizations who have stayed engaged and worked with us and resourced the team with what we needed to get this accomplished," Farkus said.

Messer Construction company, with regional offices in Louisville, Cincinnati and Dayton, Ohio, is the prime contractor for this project.



The \$126 million Intelligence Production Center for the National Air and Space Intelligence Center at Wright-Patterson Air Force Base is slated to be complete Jan. 16, 2025. Construction duration is scheduled at 1,095 days.

## Louisville, Buffalo teams receive national recognition for VA Canandaigua project



Matt Lowe, Veterans Affairs Division chief, accepts a certificate of appreciation from Louisville District Commander Col. Eric Crispino on behalf of the joint Louisville and Buffalo District project delivery team, which was named the USACE 2020 Project Delivery Team of the Year for Honor.

*Katie Newton, public affairs*

The project delivery team responsible for the Department of Veterans Affairs' major construction project at the Canandaigua VA Medical Center in New York has earned national recognition for their efforts.

The project, which is being completed in partnership between the U.S. Department of Veterans Affairs and the Louisville and Buffalo districts of the U.S. Army Corps of Engineers will provide state-of-the-art healthcare facilities for about 65,000 veterans living near the greater Canandaigua area.

USACE recognized the joint team as the 2020 Project Delivery Team of the Year for Honor.

Each year the Corps recognizes only three project delivery teams across the nation for either excellence, honor or merit. Being named among the select group is a very significant accomplishment, according to Melody Thompson, USACE Louisville District DVA program manager, who nominated the team.

"The effort of this team cannot be overstated," Thompson said. "We are proud of the Canandaigua project and this team who is helping provide world-class healthcare facilities for our Nation's Veterans."

Congratulating the team, Thompson said, "I know we push hard, and this is definitely a complex project; but I also want everyone to know that your efforts

have been recognized."

USACE Headquarters commended the team for exceeding project delivery expectations.

"The PDT's meticulous vetting of DVA's 100 percent design prior to project acceptance, customized application of active risk management practices, and expanding collaborative partnering to include piloting joint risk registers and change management boards has enabled project successes to be showcased as a model to be replicated," read the award memo signed by USACE Program and Project Management Community of Practice leaders, Stacey Hirata and Donald Johantges.

"The PDT's focus on delivering quality facilities to the stakeholders is a credit to Louisville District, Buffalo District, the Great Lakes and Ohio River Division, and the entire Corps of Engineers," the memo read.

The team delivered the Corps' first new construction contract award for the Department of Veterans Affairs major construction program in 2018. Then, they used lessons learned to successfully award Phase II of the project in 2019 for a combined project total of approximately \$349 million.

The project includes construction of a new outpatient care clinic, a new 120-bed community living center, and a renovated 50-bed Veteran's assisted living facility integrated into the historic VA Medical

Center. Both phases require extensive campus infrastructure improvements, including new underground utilities, roadways, sidewalks, landscaping and other site improvements.

With construction taking place on an active healthcare campus, the project must also meet rigorous health and safety standards, further adding to the project's complexity.

"All of the medical facilities and infrastructure must be kept operational throughout construction, which requires providing temporary swing space and synchronizing multiple movements of staff, patients and equipment," Thompson said.

Additionally, the team went to great lengths to preserve the historic façade on Building 2 so it will blend seamlessly into the historic campus.

Innovative problem-solving and collaborative partnerships have been key to success.

"The USACE and VA construction teams sit together in the same jobsite trailer and have built a unique relationship of trust and collaboration," said Gerry DiPaola, USACE Buffalo District project manager.

"The mission-focused partnership extends to the medical center staff, the contractor and the designer ensuring everyone is in sync and driving the project forward."

Another key component is the application of holistic risk management practices.

Thompson said this is a Headquarters USACE-driven pilot project for a nationwide effort toward implementing risk management practices.

"From design to project acceptance, we integrated risk management practices into every step of the process," said Tara O'Leary, Louisville District's lead risk manager.

The team continually addresses daily challenges regularly updating a joint risk register with all stakeholders to identify and mitigate project risks to both schedule and cost.

"Our team has been recognized in the DVA/USACE community as leading the way on risk management processes for this program," said Thompson.

Phase I of the project is nearly 45 percent complete and making strides toward five percent completion in Phase II. Both projects are estimated to be completed by 2023.

Jack Sweeney

## Environmental team performs lead dust sampling at excess Army Reserve Center



Todd Martin of SafetyTech, Inc. observes as Cindy Esterle, Environmental Branch geologist, collects a lead dust sample from the assembly hall floor.

### Shatara Riis, public affairs

Indoor firing ranges may pose a setback in the disposal process of multiple U.S. Army Reserve properties nationwide. Some 50 Army Reserve properties are slated for lead dust sampling.

The Louisville District Environmental Branch team recently collected samples at the former Trembley-White Army Reserve Center in Kansas City, Kansas, which has been vacant since 2017 and was previously used for administrative and training purposes.

“These excess properties are no longer needed by the Army Reserve, so they need to be disposed of,” said Rhiannon Ryan, Environmental Branch environmental scientist. “We have an obligation under CERCLA (Comprehensive Environmental Response, Compensation and Liability Act) to let the new owner know the environmental condition of the property and possible contamination.”

While the team completed sampling in the Kansas City facility, the results are pending.

According to the Environmental Protection Agency, lead is a naturally occurring element found in small amounts in the earth’s crust. While it has some beneficial uses, it can be toxic to humans and animals, causing health effects.

In the case of Army Reserve centers that had indoor firing ranges, the lead was emitted into the air and settled from the repetitive use of firing weapons, as per Daniel Allgeier, Environmental Support Section project manager.

These indoor firing ranges featured dedicated air handling systems designed to remove lead dust from the interior of the building.

“There may be some residual lead dust that doesn’t get picked up by the air handling unit, which is why we are currently investigating the buildings with the sampling effort,” said Evan Willett, Environmental Branch environmental engineer. “Lead is dense and does settle onto floors, walls and other horizontal surfaces.”

Traces of lead can remain in dust on floors and window sills despite activities to clean areas to make them safe for children.

The EPA announced June 17, 2020, a proposal to lower the amount of lead that can remain in dust on floors and window sills after lead removal activities, from 40 micrograms per square foot ( $\mu\text{g}/\text{ft}^2$ ) to 10  $\mu\text{g}/\text{ft}^2$  for floors, and from 250  $\mu\text{g}/\text{ft}^2$  to 100  $\mu\text{g}/\text{ft}^2$  for window sills.

“We need to know if we have lead dust present at the decreased lead dust hazard standards,” Willett said. “This is why we are going into numerous facilities nationwide to sample some new locations and resample some other locations that were previously assessed based on the higher standards.”

According to the EPA, the proposed, tighter standards increase the effectiveness of lead-based paint removal in pre-1978 homes and childcare facilities, known as abatement, and lower the risk of lead exposure by ensuring that lead-based paint hazards are effectively and permanently

eliminated following completion of the work.

“We support our customer – the Army Reserve; we provide review and oversight of work done by contractors, making sure the job they do in characterizing these facilities for lead dust is complete, taking it to the next step if abatement is required – we continue with that oversight,” said Cynthia Esterle, Environmental Branch geologist.

New processes to remove potentially harmful lead means making these structures safer for future use experts said.

“We are helping by performing lead dust samplings at multiple facilities across the country in order to fully characterize the extent of lead dust contamination throughout the facilities,” Willett said.

“If there are concentrations that exceed the action limits, we will pursue lead dust abatement at those sites (on behalf of our Army Reserve customer).”

Rendering Reserve centers safe, gets them back to work as repurposed facilities for their communities.

“We are excited to get the field work underway,” Willett said. “With such a large project, multiple points of contact, and so many facilities spread across the United States, communication is really key. Our contractors are the ones who reached out to facilities and the readiness divisions to coordinate most of the field work. That takes a huge burden off of us.”

The Louisville District is the Center of Expertise for Army Reserve center construction. It is the nationwide program manager for construction of new Army Reserve centers in the U.S. and its territories.



Evan Willett, environmental engineer, collects a lead dust sample from the storage room floor.

## Louisville District hosts Chicago team to expand vertical construction capabilities

Abby Korfhage, public affairs

The U.S. Army Corps of Engineers Louisville District welcomed teammates from Chicago District to cross-train at the district through late November.

Chicago team members arrived in Louisville in August and have been working with the district's design branch in Engineering Division gaining a better understanding of vertical design aspects and processes for successful delivery of vertical construction projects.

The U.S. Army Corps of Engineers Great Lakes and Ohio River Division, also known as LRD, asked the Louisville District to assist with establishing a vertical project design capability within the Chicago District. This vertical design capacity equips the region to better respond to a diverse mission set.

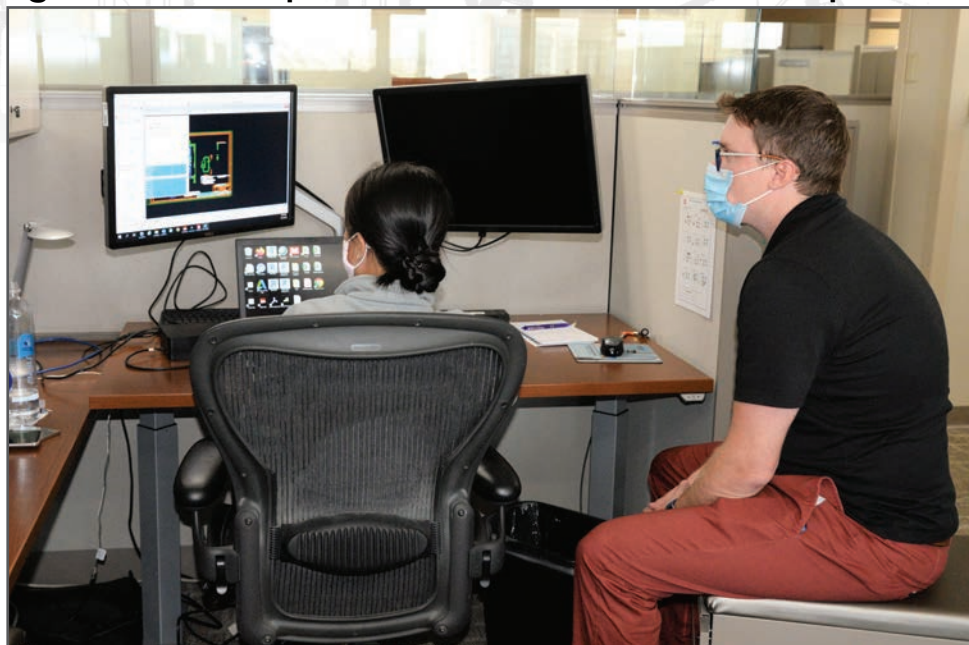
"The Louisville District is the only district that executes military work within LRD," said Louisville District Deputy District Engineer Linda Murphy. "We have executed vertical construction within the military program since the 1980s, and our knowledge and skillset of this, along with vertical construction experience in our expanding Interagency and International Services program, was the logical partnership to help maintain and expand Chicago District's technical competencies."

Chicago District will eventually become another resource within LRD to successfully support vertical project delivery, according to Murphy.

"USACE is repeatedly being asked to meet the nation's engineering needs (for example the recent Alternate Care Facility build-out), and this partnership builds upon that success in staffing a more resilient organization across our geographic areas of responsibility," said Mike Braden, Louisville District Engineering Design Branch chief.

Monica Greenwell, Louisville District chief of Civil Branch in Engineering Division, and Braden coordinated with Chicago District's John Groboski in selecting individuals to gain firsthand experience working alongside Louisville District technical mentors.

"We gave our recommendations regarding which positions Chicago District needed to have and their recommended qualifications and training," Greenwell said. "The team also tried to think of aspects of the business process that would be changed



Keenan Burns (right), Louisville District mechanical engineer, sits with Ha Anh Le (left), Chicago District mechanical engineer, to help answer her questions regarding vertical construction processes.

going from the civil works to military work flow."

While Chicago's staff will be continuously learning as they execute projects as part of the Louisville team, the approximately four month rotation in the district provides Chicago team members immediate access to senior design engineers and full immersion in Louisville District's design processes, according to Brandon Martin, Louisville District Mechanical Section chief.

"Some of Chicago's new team (members) have experience in the vertical construction field, but others are just beginning," Martin said. "Onsite technical training and mentorship is far more effective than attempting the same remotely."

Chicago teammates include Reed Wesolowski, architect; Ha Anh Le, mechanical engineer; Ada Lupa, electrical engineer; and Yohannes Assefa, Chicago District Vertical Construction Section chief.

"The Louisville team has been very helpful and friendly," Assefa said. "The team spirit and collaboration makes it very professional and enjoyable."

Due to the ever-changing environment with the COVID-19 pandemic and the civil unrest in Chicago and Louisville, there have been some challenges to overcome.

"The biggest challenge has been consistency of being able to work in the Louisville District office," said Tina Beavin, Louisville District Electrical

Section chief. "Another challenge has been getting computers loaded with the necessary software and access to Louisville District folders."

Murphy says she is looking forward to hearing about everyone's experiences.

"We are so happy to have the Chicago team here in Louisville learning from our experts in Engineering Division," Murphy said. "We appreciate their patience and understanding as we are working through some uncertain, challenging times in the Louisville area. I'm looking forward to hearing about their progress and development while here in the district."

When asked if the cross-training has been beneficial, Chicago teammates agree that it has.

"I think the technical training will certainly prove helpful when working on future projects; however, establishing the relationships to contact for resources might prove even more helpful after the formal portion of the assignment is complete," Wesolowski said. "I do hope that this continues after the assignment is over, and maybe I can be a resource to the Louisville District in the future as well."

Since Chicago District does not have vertical construction experience, this cross-training is the best way to establish a new vertical construction team, according to Assefa.

"Half the team came from the civil works side and the other half came from

*Continued on next page*

Continued from previous page

the private industry (with no government experience), so this is the best way to get firsthand experience on how to do MILCON (Military Construction) projects,” Assefa said. “And the networking will help for future team work.”

The next step is to assess and measure Louisville District’s progress in accomplishing various experiential targets with the current Chicago design team and provide continued support as they

transition back to Chicago full time for more independent execution, according to Braden.

“We will also host an additional design team in the spring of 2021 with similar goals and objectives,” Braden said.

Louisville District vertical construction mentors include Daniel McNatt, architect; Vu Nguyen, mechanical engineer; Joel Greenwell, electrical engineer; and David Smith, structural engineer.

“It’s a testament to our Louisville District design professionals to be selected for this opportunity in fielding additional vertical design capability across our region without impacting our core project delivery responsibilities,” Braden said. “I have no doubt that given the commitment I’ve witnessed by the individuals involved across both districts that we will be successful in making the ‘one door to the Corps’ open a little wider.”

## Louisville District deputy commander promoted to lieutenant colonel

Abby Korfhage, public affairs

The U.S. Army Corps of Engineers South Atlantic Division Commander Col. Jason Kelly promoted Maj. Latoya Manzey, Louisville District deputy commander, to lieutenant colonel, in a promotion ceremony held Sept. 11, 2020.

Kelly presided virtually over the ceremony from the SAD office in Atlanta, while the actual ceremony was held at the Louisville District office.

Lt. Col. Manzey’s family, including her husband and three children, along with Louisville District Commander Col. Eric Crispino were in attendance.

“We are fortunate to have Lt. Col. Manzey on our Louisville District team,” Crispino said. “She is a highly talented and skilled officer. This promotion is a recognition by the Army that she has the potential to lead in the next rank. Of course, that potential was evident to all of us on the day she arrived to the district.”

In 2004, Manzey commissioned through the Reserve Officer Training Corps program at Tulane University, graduating with a bachelor’s degree in political science from

nearby Xavier University of Louisiana. She also holds a Masters in Adult Education from Kansas State University. Manzey assumed duties as the Louisville District deputy commander July 31, 2020.

Manzey’s awards and decorations

include the Bronze Star (with three oak leaf clusters), Meritorious Service Medal (with three oak leaf clusters), Army Commendation Medal (with three oak leaf clusters), the Combat Action Badge and the Parachutist Badge.



Debra Hunter

Louisville District Commander Col. Eric Crispino and Maj. Quincy J. Manzey Sr. place the new officer shoulder boards on Deputy District Commander Latoya Manzey, promoting her from major to lieutenant colonel, as her children look on during the ceremony held Sept. 11, 2020.

## USACE Critical Incident Stress Management Team

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\*All conversations with Peer Supporters are confidential.\*

