Your Guide to Doing Business with the Kentucky Transportation Cabinet

DBE Supportive Services

KENTUCKY TRANSPORTATION CABINET

Volume 24, June 2018

Brought to you through a KYTC partnership with: CEI Educating Construction Professionals

Versailles Road Interchange Project Wins National Engineering Award

Representatives for the American Council of Engineering Companies (ACEC) and Louisville-based Qk4 Inc. presented the prestigious ACEC Engineering Award of Excellence to Kentucky Transportation Cabinet (KYTC) leaders during a ceremony in Frankfort this week for a roadway project that significantly improves safety and traffic flow in Lexington near Keeneland Race Course.

The ACEC national award recognizes the innovative redesign of the Versailles Road (U.S. 60)/New Circle Road (KY 4) interchange in Lexington. Consulting on the project, Qk4 led roadway and bridge design, traffic engineering, community involvement and project management for the interchange. The project was recognized this year by ACEC as one of the nation's most outstanding engineering achievements.

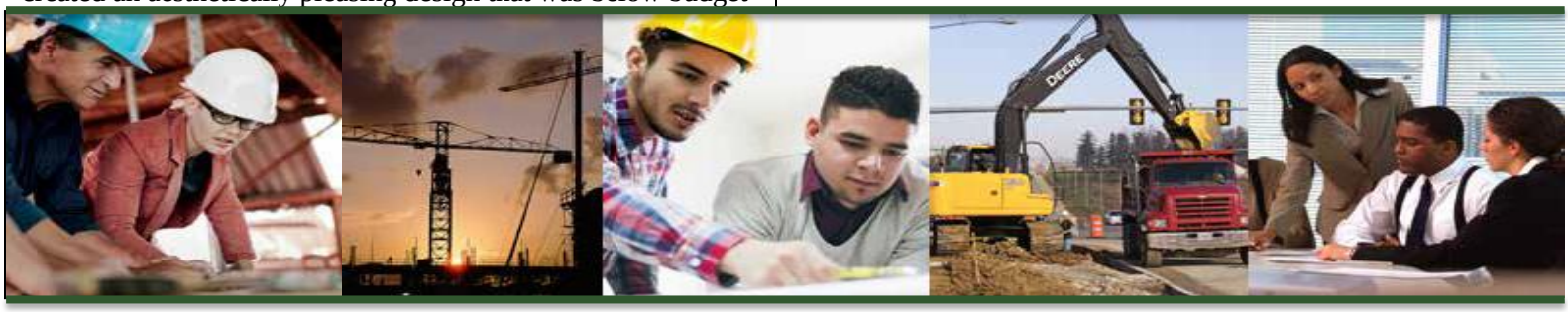
"This project truly deserves recognition and is an excellent example of Kentucky's leadership in innovation and engineering," said KYTC State Highway Engineer Andy Barber. "The project team solved a decades-old problem and created an aesthetically pleasing design that was below budget and sensitive to the needs of the community and the commonwealth."

Qk4's design incorporated a first-of-its-kind "left overloop" that transformed a previous right-turn loop into a left-turn overpass. The unique design resolved safety issues at the interchange, where traffic crashes had occurred regularly. It also offered a cost-effective solution that was below the original budget and avoided impacts to nearby Calumet Farm.

"We thank ACEC for recognizing KYTC and Qk4 for this one-of-a-kind project," said Glen Kelly, executive vice president of Qk4. "We were honored to collaborate with KYTC and its District 7 office in Lexington to build a better and safer roadway. As a Kentucky firm, Qk4 appreciates the natural beauty of the Bluegrass region and the importance of its aesthetics to citizens and visitors."

The Versailles Road interchange left overloop is the second Kentucky project to receive a national ACEC Engineering Award of Excellence honor since the cable-stayed William H. Harsha Bridge in Maysville won the top prize in 2001.

To read more : https://www.lanereport.com/101279/2018/05/kentucky-earns-national-engineering-award-for-design-of-versailles-road-interchange-project/



DBE Opportunities

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About The DBE Program

The Construction Estimating Institute (CEI) works with Kentucky Transportation Cabinet (KYTC) as the statewide provider of the federally funded Disadvantaged Business Enterprises (DBE) Supportive Services Program.

We want to increase the number of certified DBEs participating in highway and bridge construction, as well as assist DBEs in growing and eventually becoming self-sufficient. Additionally, CEI provides supportive services by assisting prime contractors and consultants with identifying DBEs for subcontracting opportunities on priority projects.

4 Areas to Address to Improve Your Company's Site Safety

How tech solutions can help overall jobsite safety

Many construction companies are implementing technology solutions to improve productivity, asset utilization and efficiency on the jobsite. Increasingly, they are also looking to technology to improve the overall safety of workers, equipment operators and project managers while on construction sites and around heavy equipment.

While technology plays an important role in safety, owners and managers can't simply throw these solutions at problems and expect better results. At the same time, it's unrealistic for supervisors to police or monitor safety personally since they can't be in multiple places at once. To create a safer jobsite and build a culture of safety—where safety considerations inform every decision or action—technology must be paired with human insights, ownership from everyone on a site to care about safety and specific actions to bring about effective, lasting change. The following are four areas where managers must work closely with technology to create a safer jobsite.

1. Safety Analytics

Many companies looking to improve safety implement technology solutions to capture data and observations and track safety incidents to identify trends. But data collection shouldn't be left to safety managers alone; everyone on a construction site must own and care about safety, meaning they're also responsible for data collection. Once this data is gathered, safety managers can analyze it to better understand why incidents happened, who was involved and what tasks they were working on when the incident happened. This data analysis can then be used to update safety practices or create personalized training material to target unsafe behavior trends.

Safety managers with an advanced understanding of analytics or sophisticated software programs can also use this data to make predictions. With emerging technologies like artificial intelligence (AI), machine learning (ML) or predictive analytics, data from safety analytics can be used to build models to predict scenarios where incidents may occur based on past events. Armed with this information, safety managers can use insight from the data to prevent accidents before they even happen.

2. Safety Training

Fleet tracking technology or telematics installed in vehicles and equipment allows owners and safety managers to directly track and identify unsafe driver behaviors, like speeding, harsh cornering and more. But simply monitoring for these unsafe events and communicating them to the driver isn't enough. Fleet or safety managers should use telematics data in an actionable, data-driven way to grade operators based on performance and coach to correct behavior.

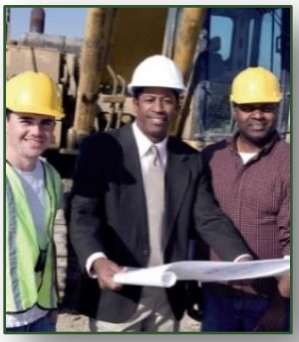
Safety training isn't just a one-time thing, either. Managers must ensure training is an ongoing, consistent process. Pairing technology with hands-on coaching on a regular basis is an effective way to create a safer jobsite. Some companies have implemented gamification or virtual reality programs for this specific purpose as well to coach and train drivers in a fun, engaging way without the risk of harming themselves or their coworkers.

3. Preventative Maintenance

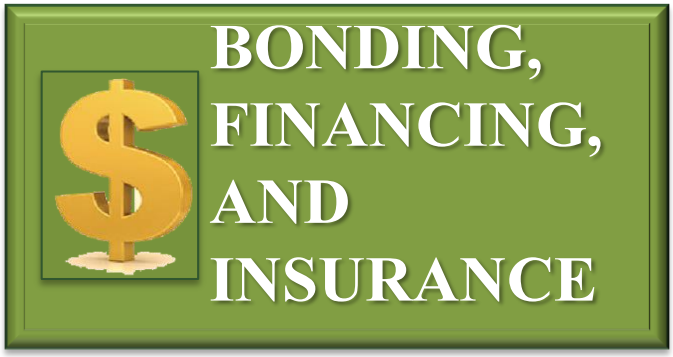
Old, faulty or improperly maintained equipment poses a safety risk to both equipment operators and other workers on a job site. Keeping track of maintenance not only contributes to better equipment utilization and improved productivity on the site but is an important part of building a culture of safety.

To read more: https://www.constructionbusinessowner.com/safety/looking-beyond-technology-construction-site-safety

Supportive Services Offered



- Estimating Training
- Building Capacity
- Mobilization Financing
- Bonding Assistance
- Marketing Plan Development
- Creating a Business Plan
- Building a Website
- Plan Reading



CEI is an educational organization providing the highest quality construction training in the industry. Over 100,000 owners, estimators, project managers, field supervisors, office support staff, foremen, laborers, and key management personnel have attended courses that are offered nationwide. The courses provide students with construction skills training and the critical information needed to be effective within their companies and organizations.

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