



Transportation, Finance Cabinet Upgrade Roadway Lighting with LEDs, Reducing Energy Use and Saving Millions in Future Costs More than 18,000 roadside lights to be replaced statewide

The Kentucky Transportation Cabinet and the Finance and Administration Cabinet have launched an initiative to replace thousands of roadway lighting fixtures across the state with energy saving LED lights. The upgrades will reduce energy consumption of roadway lighting systems by more than fifty percent and save more than \$2.8 million a year in reduced utility and maintenance costs.

“Modernizing our roadway lights with more efficient and longer lasting LEDs is a win-win strategy to stretch taxpayer dollars, improve roadway visibility and reduce the number of maintenance-related lane closures,” said KYTC Secretary Jim Gray.

“This joint project further supports the Finance Cabinet’s ongoing efforts to capture energy efficiencies in state-owned and operated facilities and equipment, while also reducing the frequency of ongoing upkeep and replacement of highway lighting,” said Finance Cabinet Secretary Holly M. Johnson.

More than 18,000 high-mast and cobra head lighting fixtures will be replaced with energy efficient LED lights on select state-maintained roads across Kentucky.

The improvements include underground lighting replacements in the Cochran Tunnel in Jefferson County and the Cumberland Gap Tunnel in Bell County. Approximately 1,500 lighting fixtures at state-owned maintenance garages and parking lots will also be replaced as part of the project. More than 1,000 fixtures have been installed statewide to date.

The project will also include the replacement of roadside controller boxes and cabinets and the relocation of crash-prone poles.

KYTC and the Finance and Administration Cabinet have contracted with CMTA Energy Solutions to complete the project. Work began in November and is expected to be complete by early 2022. Status updates on the project can be found [here](#).

[Click here](#) to view a video of the project

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About The KYTC

The goal of the DBE Supportive Services Program is to increase the number of DBEs participating on KYTC contracts and facilitate the opportunity for DBEs to obtain contracts. The services are designed to:

- Assist established construction firms to move them from bidding as a subcontractor to bidding as a Prime Contractor to produce sound bids.
- Provide access to training increases DBE expertise in handling of daily business operations.



About The Program

The Construction Estimating Institute (CEI) works with 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.

How to Seize Opportunities in Construction Post-COVID-19

A primer on addressing risks & maintaining agility while growing your profits

As COVID-19 cases continue to rise and fall globally, and countries emerge and reenter into various stages of lockdown, the impact of the crisis on the industry is still unknown. With uncertainty still dominating the market, construction firms will need to leverage transformational technologies and prioritize risk to prepare for the post-pandemic era. Challenger organizations should take advantage their ability to be agile.

Construction companies are the most likely organizations to believe they can displace industry leaders, according to an IFS study. As 81% of construction chief financial officers look to reduce costs due to the impact of the pandemic and stress the need for transparency from contractors in the supply chain and vendors, their pre-pandemic vigor to outpace those dominating the market puts these organizations in a prime position for success in a post-pandemic era.

But changes in the industry will not just be necessary within financial departments. Contractors need to adjust how they design and build projects to address the additional risks that the pandemic poses. COVID-19 caused widespread disruption to projects.

Going forward, project owners need to leverage technology and risk management strategies to limit disruptions from floods, fires and lockdowns and extend their asset support across the whole life cycle to

maximize revenues.

Market Leaders Lack Agility: Enter the Challengers

Market leaders in construction are determined more by their reputation and the ability to maintain high project revenue and margins than any enduring intellectual property or superiority in distribution. But PwC figures show that 71% of contractors are concerned with financial impacts of the pandemic, including efforts on operations, future periods of liquidity and capital resources, and 64% fear a global recession—large companies involved in major projects will struggle to adapt quickly.

This means that with the right investments in process and technology, construction challengers are in an excellent position to move up the ranks by offering improved project delivery performance resulting in faster, high-quality delivery at a more competitive cost.

This could mean adopting modular, off-site or prefabricated project delivery methods while streamlining and automating project steps at the back end. These challengers can also drive revenue from other sources—including maintenance and facilities management. In some cases, there may be revenue potential in licensing of proprietary designs used in projects.

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Supportive Services Offered:

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



Within the past 3 months,
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in obtaining

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IN BONDING!!**

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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.