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Burns & McDonnell Projects Supporting Electric Vehicle Infrastructure and Stormwater Control Measures Win ACEC Awards

KANSAS CITY, Missouri — The American Council of Engineering Companies of Kansas has awarded Burns & McDonnell two engineering excellence awards.

Kansas Department of Transportation (KDOT) Stormwater Control Measure Manual: In 2019, KDOT was issued a new Municipal Separate Storm Sewer System (MS4) permit requiring the agency to implement a stormwater management program that includes six minimum control measures. KDOT determined that for long-term success of stormwater control measures implementation in its linear projects, they needed a custom design manual that is focused on stormwater practices already familiar to roadway designers and could be feasibly maintained by KDOT staff. Burns & McDonnell worked with KDOT to develop the manual, now in use statewide.

Kansas National Electric Vehicle Infrastructure (NEVI) Plan: To meet funding requirements of the Infrastructure Investment and Jobs Act (IIJA), IKE Transportation Partners, a joint venture of Garver and Burns & McDonnell, developed a strategic statewide Transportation Electrification Program (TEP) for KDOT, oversaw the implementation of a TEP, and supported KDOT's existing EV Working Groups. The Charge Up Kansas National Electric Vehicle Infrastructure Plan provides a framework for developing a statewide charging network focused on designated Alternative Fuel Corridors and was developed based on extensive public engagement.

“Both projects demonstrate the success of a long-term relationship between KDOT and Burns & McDonnell,” says Mike DeBacker, vice president and leader of the Transportation Group. “Our commitment to their success and innovation through collaboration has created award-winning projects.”

The projects show KDOT's commitment to innovation in the electric vehicle space and the fulfillment of permit requirements for its projects.

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About Burns & McDonnell

Burns & McDonnell is a family of companies bringing together an unmatched team of 14,500 engineers, construction and craft professionals, architects, and more to design and build our critical infrastructure. With an integrated construction and design mindset, we offer full-service capabilities. Founded in 1898 and working from 75 offices globally, Burns & McDonnell is 100% employee-owned. Learn how we are [designed to build](#).