

TRANSPORTATION ACHIEVEMENT AWARD – TRAFFIC ENGINEERING

WSP USA INC., THE CITY OF HAYS, KS, KANSAS DEPARTMENT OF TRANSPORTATION, KIRKHAM MICHAEL, AND SMOKY HILL CONSTRUCTION FOR THE N. VINE STREET CORRIDOR IMPROVEMENTS PROJECT



WSP USA Inc., The City of Hays, KS, Kansas Department of Transportation, Kirkham Michael, and Smoky Hill Construction have received a 2022 Transportation Achievement Award in the Traffic Engineering Category for their N. Vine Street Corridor Improvements Project. The Transportation Achievement Awards recognize excellence in the advancement of transportation to meet human needs, by entities concerned with transportation, such as governmental agencies, legislative bodies, consulting firms,

industry partners, and other organizations. Awards are presented in five categories: Complete Streets, TSMO, Safety, Planning, and Traffic Engineering.

The City of Hays has a population of 21,000 (2020) and is located half-way between Denver, CO, and Kansas City, MO, on Interstate 70 and is a regional travel destination for Northcentral and Northwest Kansas residents. A section of its N. Vine Street Corridor has experienced challenges with the closely spaced parallel frontage road intersections, congestion during peak travel conditions, limited mobility for pedestrians and bicyclists, and crashes both on N. Vine Street and parallel frontage roads. This major arterial in the City of Hays sees approximately 20,000 vehicles per day.

The N. Vine Street Corridor Improvement Project has significantly enhanced multi-modal safety and improved traffic operations and economic activity. Residents and visitors have been positively impacted with improved mobility through the corridor, an enhanced and welcoming gateway to the city, improved access to businesses, enhanced economic development, options for pedestrians and cyclists, and increased safety for all modes of travel. Installation of a roundabout (the only multi-lane roundabouts of this shape in existence) has reduced crossing conflicts by 71%, and shared-use paths, two mid-block crossings with Rectangular Rapid-Flashing Beacons (RRFBs), and multilane pedestrian crossings at all roundabout entrances and exits with RRFBs.

Congratulations to WSP team members David Church and Nick Voss for their contributions to the project.

Read [more](#). View project [video](#).