



This is a view of the east interchange of the Johnson County Gateway, looking toward the northwest. The vertical highway is I-435 and the horizontal route is I-35.

Design-build team selected for Johnson County project

Design-build is an alternative delivery tool that streamlines the construction process through a single contract between KDOT and the design-build team. In 2010, as part of the T-WORKS Transportation Program, KDOT selected the Gateway to be the first such project.

“Combining the skills of designers and contractors at a project’s onset allow for positive collaboration, which can result in faster project delivery, and more efficient use of materials and resources,” said KDOT Project Director Burt Morey in announcing the winning proposal on Jan. 10.

GIC is a joint venture led by Kansas City, Mo.-based Clarkson Construction Co. They are partnered with Kiewit Infrastructure Co., which has national design-build experience on large scale projects such as T-REX in Denver. Clarkson and Kiewit worked together to successfully complete the kcICON design-build project, Missouri Department of Transportation’s first design-build project in the Kansas City metro area. Clarkson has completed several major construction projects for KDOT in the Kansas City metro area including the I-435 and U.S. 69 interchange. Additional key members of the team include local design firms HDR Engineering, Inc. and George Butler Associates, Inc.






Selection was based on how well the proposals met the core values KDOT outlined in the procurement process.

“KDOT received three quality proposals making the evaluation and selection process exciting and challenging,” said Morey.

Construction of the project, which includes funding for design and engineering from the cities of Lenexa and Olathe, is expected to start later this spring.

TWORKS

The table below shows how much work was completed last quarter and how much has been completed so far in the program.

Complete Last Quarter		Total Complete
	Lettings	
\$242 M		\$2.1 B
	Projects	
85		943
	Miles of work	
547		7,567
	Bridges	
33		426
	Modal	
\$3M		\$58 M

Built for the Growth of Kansas

From Transportation Secretary Mike King

Transportation projects were good for the Kansas economy in the past year.

Several big multi-year, multi-million-dollar projects, such as K-18 to the west of Manhattan, were completed. In addition to addressing congestion, they provided an immediate economic adrenaline shot to local economies (more than 170 businesses got work connected to the K-18 project) and a long-term booster shot for regional and state economies.

The I-35/Homestead Lane interchange opened, providing a safe and efficient means of getting thousands of trucks to and from the Logistics Park Kansas City Intermodal Facility every day. If time is money in the shipping world (and it is), this important investment will only become more vital as daily truck traffic grows.

Construction of the South Lawrence Trafficway got under way after decades of discussion and legal wrangling. The \$130 million project is estimated to have the greatest economic impact of all T-WORKS projects at \$3.7 billion.

And the pre-construction groundwork was laid for the Johnson County Gateway project (I-435/I-35/K-10 interchange) to begin this year. It will address the state's biggest traffic bottleneck and have a huge impact in the most economically vital area of Kansas.

While not all of the projects KDOT funded last year have the rock star status of those above, some much smaller investments made over the past couple years continued to make a huge difference in communities across the state in 2013. A \$328,000 KDOT investment in 2011 to improve a Thomas County road made it feasible for McCarty Family Farms to construct a milk processing facility outside Rexford. While it was expected that the business would add 44 jobs to the local economy, the actual number had grown to 57 new jobs by June 2013.

KDOT's \$2 million award to Winfield in 2012 for highway improvements supporting the Newell Rubbermaid expansion continued to pay dividends in 2013. Cowley County officials said that Rubbermaid increased total employment to 969 jobs through the expansion and expects to surpass 1,000 employees this year. Before the expansion the plant had 600 employees.

While these projects differ greatly in size and scope, much of their success can be attributed to the same thing – partnership. We have worked with local governments, citizens, state agencies, sometimes federal agencies and others to build successful projects. And our now-formalized partnership with the Kansas Turnpike Authority will allow us to do even more for transportation and the state economy. Expect great things from us because of these partnerships. Together, we are built for the growth of Kansas.



To keep up on the latest with the Johnson County Gateway project, visit jocogateway.com

Innovation Team Success

Savings Tracker

Partnership Item	Initiated by	Estimated Implementation Date	Estimated Savings Identified
Pavement & Bridge Management System/Condition Survey	Project Delivery and Construction Contracting	Implemented	\$896,000
Inspections & Technical Support by KDOT	Project Delivery and Construction Contracting	Implemented	\$203,276
Project Coordination	Project Delivery and Construction Contracting	Implemented	\$779,177
Statewide Sign Inventory	Communications and Performance Measures	Implemented	\$3,000,000
Training	Communications and Performance Measures	Implemented	\$1,700
Administrative Savings	Organizational and Legislative Development	Implemented	\$310,000
Bond Related Savings	Revenues and Expenditures/KTA Board	Implemented	\$11,000,000
Digital SSL Certificates	Technology Capabilities and Resources	Implemented	\$1,000
Fiber Projects	Technology Capabilities and Resources	Implemented	\$544,884
Co-Location, Emporia	Maintenance and Operations	Spring 2014	\$477,317
*Total Estimates subject to change as each project is implemented			\$17,213,354

KDOT and KTA partnership generates savings



The partnership between KDOT and the Kansas Turnpike Authority (KTA) passed by the 2012 Kansas Legislature continues to be a great success. Innovation teams of experts at both organizations have identified several areas to begin working together on to produce a more efficient transportation system and to generate overall savings for travelers in Kansas. KDOT and KTA continue to work towards our unified transportation vision of being built for the growth of Kansas.

*Savings identified are captured over the life of each project and are an estimate based on the life of each of the project areas. These estimates are subject to change as implementation continues for each assignment.



Members of the KDOT and KTA innovation teams listen to reports on how each team is doing.

BLOG

Check out KDOT's new transportation blog at
Kansastransportation.blogspot.com





Where each T-WORKS dollar goes



Sales Tax: \$.28	Kansas Motor Fuels Tax: \$.26	Federal Funds: \$.23			
		Registration Fees: \$.12			
		Bond Proceeds: \$.06			
		Other: (Driver' License Fees): \$.03			
		Local Funds: \$.02			

Construction	\$.47				
Local Programs	\$.18				
Debt Service	\$.11				
Routine Maintenance	\$.09				
Transfers (KHP, etc.)	\$.08				
Planning, Staff, Buildings	\$.04				
Aviation, Rail & Transit	\$.02				



Where each T-WORKS dollar comes from

Traffic fatalities fall to record low



In the past year there were fewer deaths on Kansas roads than in any other year since KDOT began keeping records. In 2013, according to preliminary, unofficial reports there were 349 fatalities, compared to 405 in 2012.

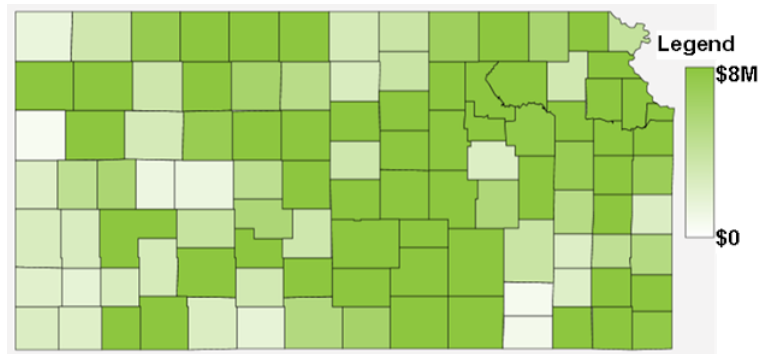
“One fatality is one too many and we are going to work hard to have this number decrease in 2014,” said Transportation Secretary Mike King. “In Kansas we strongly emphasize safety in the engineering of our highways and that’s important to keep travelers safe.”

The previous low was 385 fatalities in 2008—the high was in 1969 when 780 people died. KDOT started keeping records in 1947.

Kansas Traffic Fatalities

October through December	94
2012	405
2013	349

Progress toward \$8 million promise



T-WORKS requires that at least \$8 million be invested in every Kansas county by 2020. To date, 59 counties have met that goal.

Major construction work to begin this quarter



More than \$535 million worth of construction projects will be let from January to March. Through these projects, 387 miles of road will be improved. In January, the Johnson County Gateway project was let for \$288 million. An example of a preservation project for this quarter is on I-135, which will rehabilitate the highway from K-96 north to Park City in Sedgwick County. This project spans seven miles and has an estimated construction cost of \$20 million.