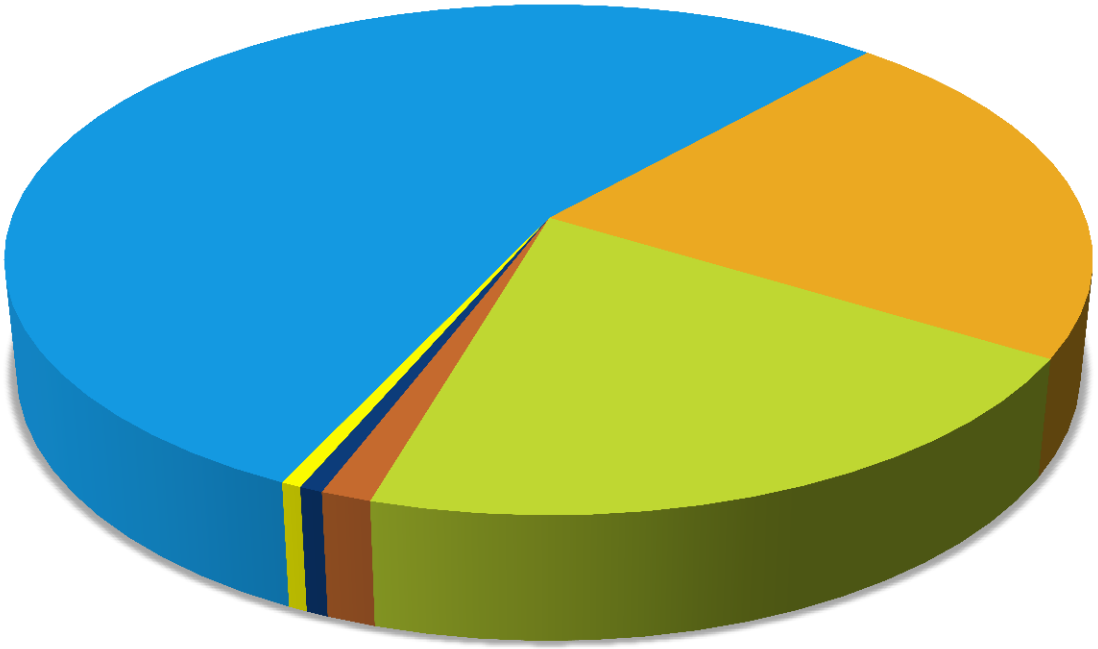
Kansas Turnpike Authority | Kansas Department of Transportation

Welcome to Local Consult



- Highway Preservation
- Highway Modernization & Expansion
- Special City-County Highway Fund
- Transit
- Aviation
- Rail

T-WORKS Progress

7,714 miles improved

559 bridges repaired/replaced

$2.3 billion let to construction

$63 million modal projects complete

Moving the Economy

"Interstate 35 map" by Nick Nolte - Own work. Licensed under Public domain via Wikimedia Commons

VISION

Today's Discussions, Tomorrow's Innovations

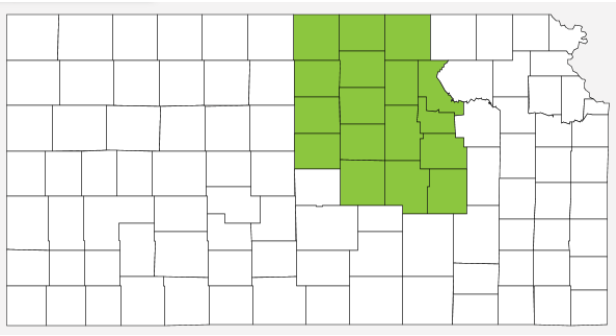
GOALS & EXPECTATIONS

- Funding is limited
- Identify **key** needs for the region
- Today is just a starting point

Kansas Turnpike Authority | Kansas Department of Transportation

North Central Kansas Update

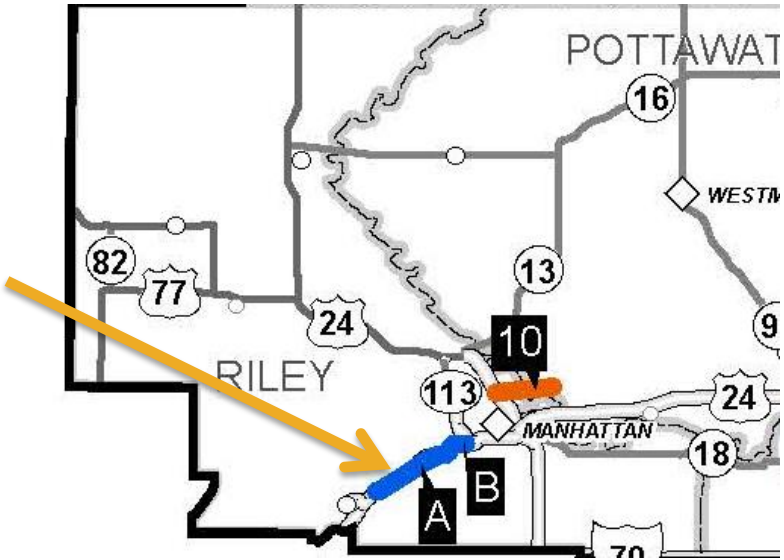
T-WORKS IN NORTH CENTRAL



- $326.6 M in projects completed
- 1,479 miles improved
- $591,000 in modal improvements
- $380.9M scheduled

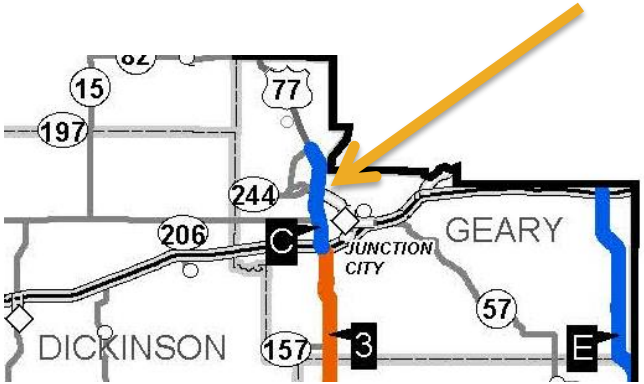
K-18 EXPANSION WILDCAT CREEK TO SETH CHILD

- 6-miles of 4-lane freeway
- $57 million in construction cost
- Completed in 2014



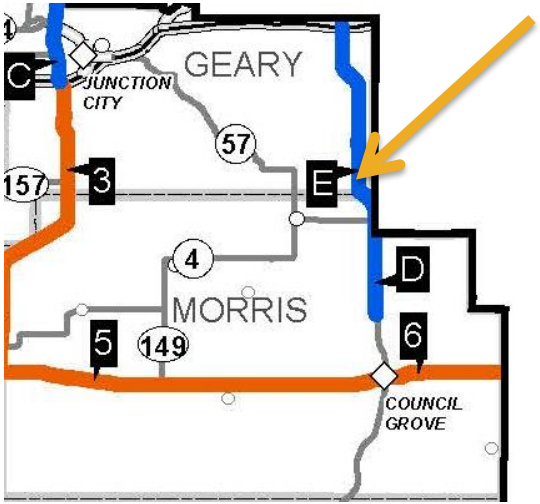
US-77 EXPANSION FROM I-70 TO K-57 AT JUNCTION CITY

- Reconstruct 2-lane on 4-lane right-of-way, reconstruct interchange, additional improvements
- $42 million in construction cost
- Expected to be complete in 2019



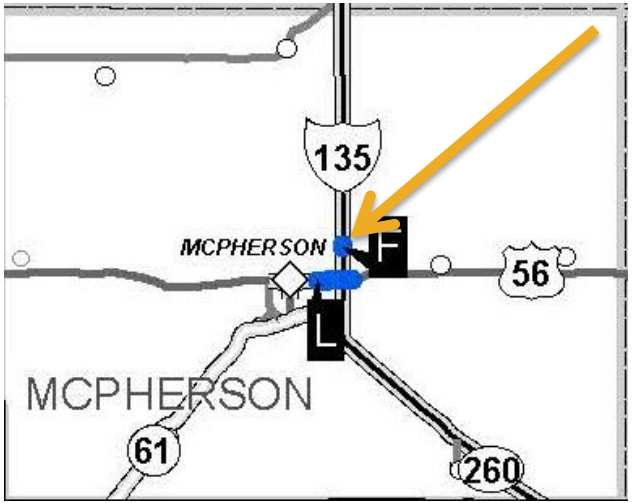
K-177 MODERNIZATION FROM COUNCIL GROVE TO I-70

- Adding shoulders on 24-mile route
- $29 million in construction cost
- Expected to be complete in 2019



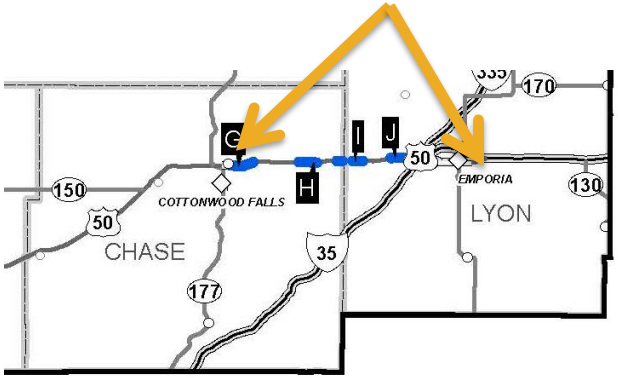
NEW MCPHERSON INTERCHANGE ON I-35 AT MOHAWK ROAD

- Will serve the growth around the industrial park
- $8 million in construction cost
- Expected to be complete in 2016



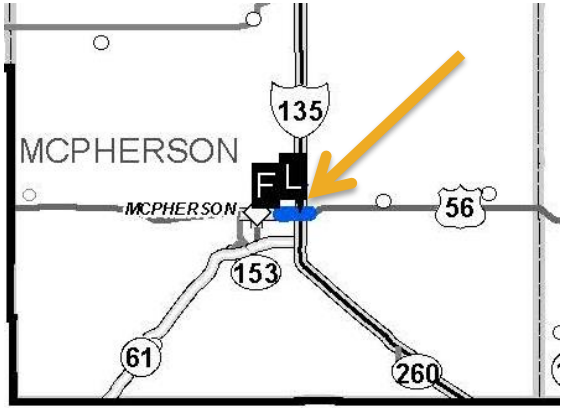
US-50 EXPANSION FROM STRONG CITY TO EMPORIA

- 3 mile of 4-lane expressway, (2 mile east of Strong City, 1 mile west of Emporia)
- Extend existing passing lanes, add 1 set of new passing lanes
- $13 million in construction cost



US-56 PAVEMENT REPLACEMENT IN MCPHERSON

- 1-mile reconstruction of 4-lane
- $8 million in construction cost
- Expected to be complete in 2016



Kansas Turnpike Authority | Kansas Department of Transportation

Funding Update

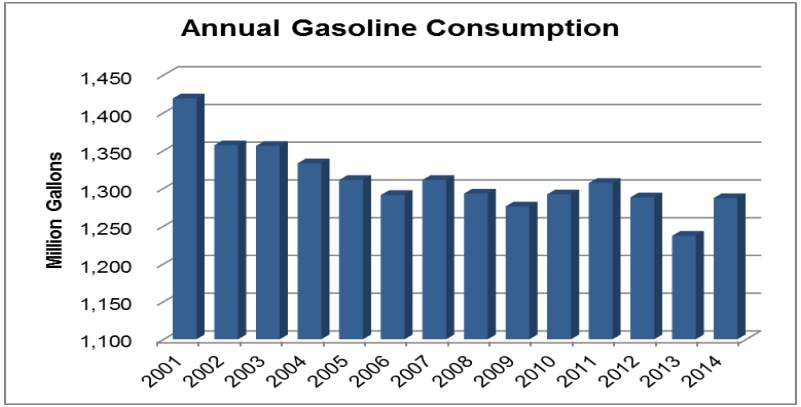
State Highway Fund Cash Basis Receipts

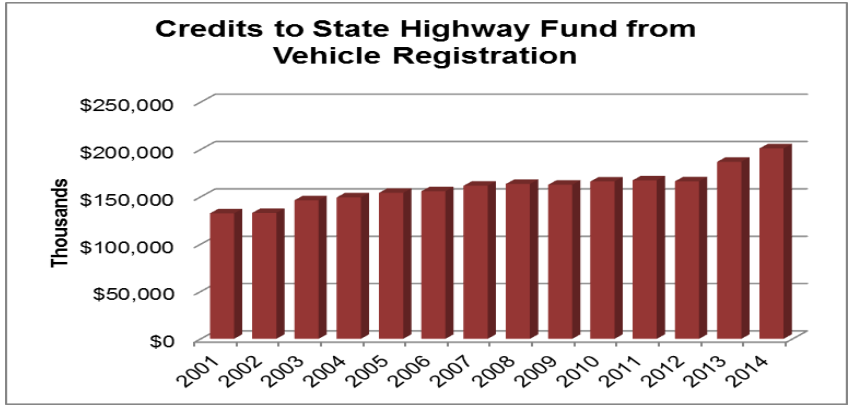
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Resources											
Motor Fuel Taxes	$287,203	$286,419	$273,346	$290,927	$286,191	$287,054	$287,917	$288,780	$289,643	$290,505	$2,867,985
Direct Credit Sales Tax	292,782	312,514	319,546	485,458	521,026	540,559	560,825	581,850	603,664	626,296	4,844,519
Registration, Licenses and Permits	178,492	177,649	198,120	211,644	225,594	228,594	231,594	234,594	237,594	240,594	2,164,469
Other Receipts	25,350	26,095	23,325	24,600	15,873	10,909	11,459	8,102	9,343	10,773	165,829
Subtotal	**$783,827**	**$802,677**	**$814,337**	**$1,012,629**	**$1,048,684**	**$1,067,116**	**$1,091,795**	**$1,113,326**	**$1,140,244**	**$1,168,168**	**$10,042,802**
Federal and Local Reimbursements											
Federal Reimbursements	$614,407	$460,686	$410,095	$430,830	$310,811	$353,557	$334,589	$349,126	$353,017	$352,090	$3,969,207
Local Reimbursements	49,675	18,898	32,320	30,530	23,852	25,465	29,510	27,876	20,408	19,746	278,280
Subtotal	**$664,081**	**$479,585**	**$442,414**	**$461,360**	**$334,663**	**$379,022**	**$364,099**	**$377,002**	**$373,425**	**$371,836**	**$4,247,487**
Total Receipts	**$1,447,908**	**$1,282,261**	**$1,256,751**	**$1,473,989**	**$1,383,347**	**$1,446,138**	**$1,455,894**	**$1,490,328**	**$1,513,669**	**$1,540,004**	**$14,290,290**

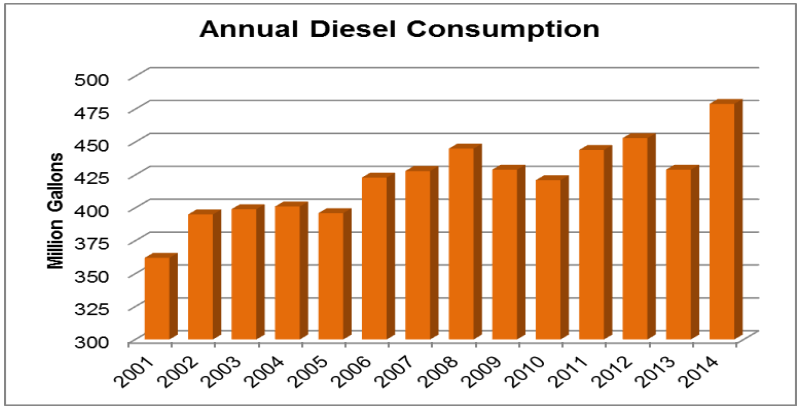
State Highway Fund Cash Basis Expenditures

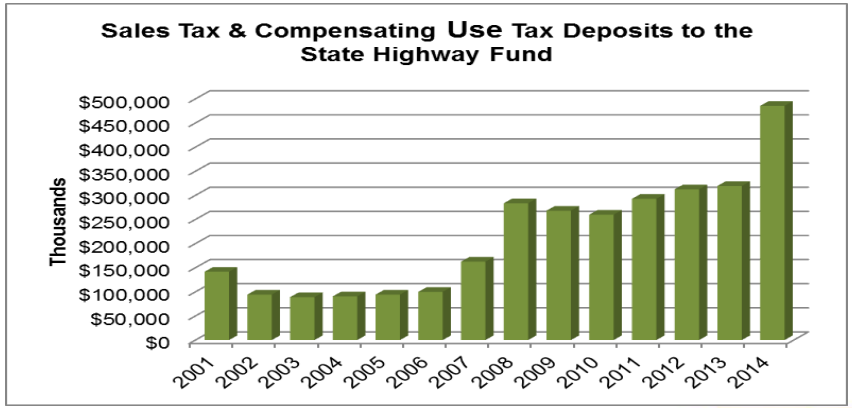
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Expenditures											
Maintenance	$139,519	$135,445	$134,417	$128,674	$137,843	$138,704	$143,238	$146,819	$150,489	$154,251	$1,409,399
Preservation	184,877	334,318	366,471	342,646	472,298	546,010	411,249	463,816	488,310	491,938	4,101,934
Modernization	24,337	33,777	30,348	20,114	28,503	37,555	76,550	99,824	95,748	53,311	500,067
Expansion & Enhancements	273,034	252,942	221,972	218,402	241,882	346,745	357,037	182,634	186,459	134,611	2,415,718
CE & PE	92,669	106,945	110,507	93,903	122,236	115,882	96,023	99,490	101,628	103,818	1,043,102
Total Construction	574,918	727,982	729,299	675,065	864,919	1,046,192	940,859	845,764	872,145	783,678	8,060,821
Local Support	183,433	124,203	123,821	138,688	154,797	169,161	174,641	163,239	158,987	154,567	1,545,537
Administration & Transportation Planning	102,147	133,631	78,777	82,082	93,587	89,654	91,344	93,078	94,856	96,677	955,833
Transfer to Debt Service Fund	185,063	188,328	169,105	177,920	184,460	182,294	160,808	181,103	196,409	167,947	1,793,437
Total Expenditures	**$1,185,080**	**$1,309,590**	**$1,235,419**	**$1,202,428**	**$1,435,606**	**$1,626,005**	**$1,510,890**	**$1,430,003**	**$1,472,886**	**$1,357,120**	**$13,765,027**

Trends in Sources of Revenue









Kansas Turnpike Authority

Kansas Department of Transportation

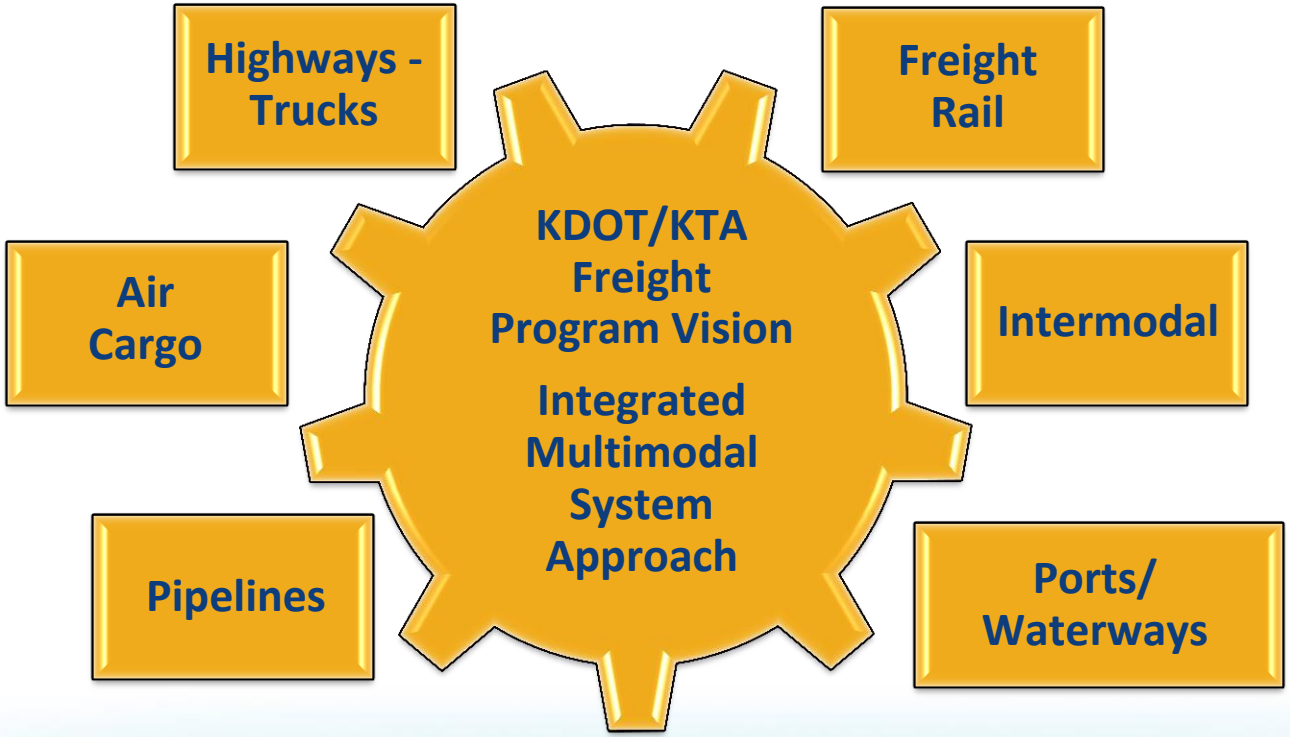
Freight Advisory Update

Background

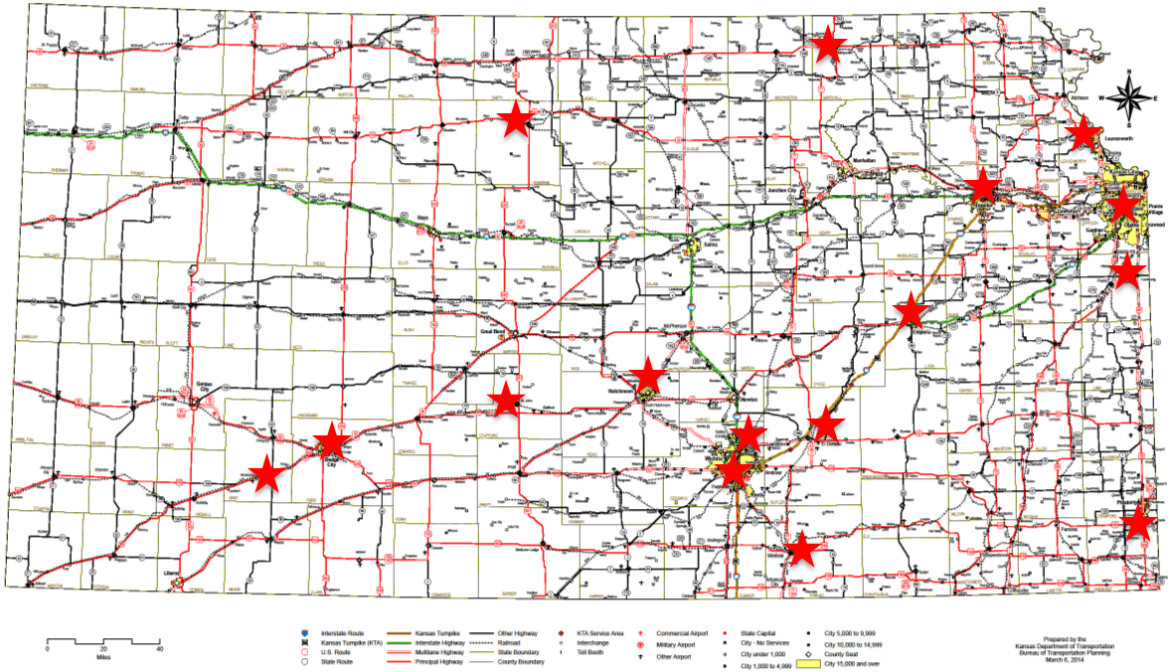
- KDOT/KTA Transportation Summit held in Emporia – September 5, 2013
- What we heard – Freight Breakout Session
- MAP-21: Requires U.S. DOT to encourage each State to establish a freight advisory committee composed of a representative cross-section of public- and private-sector freight stakeholders
- Increasing need to incorporate freight transportation into planning

Kansas Freight Advisory Committee

Moving freight – moving the economy



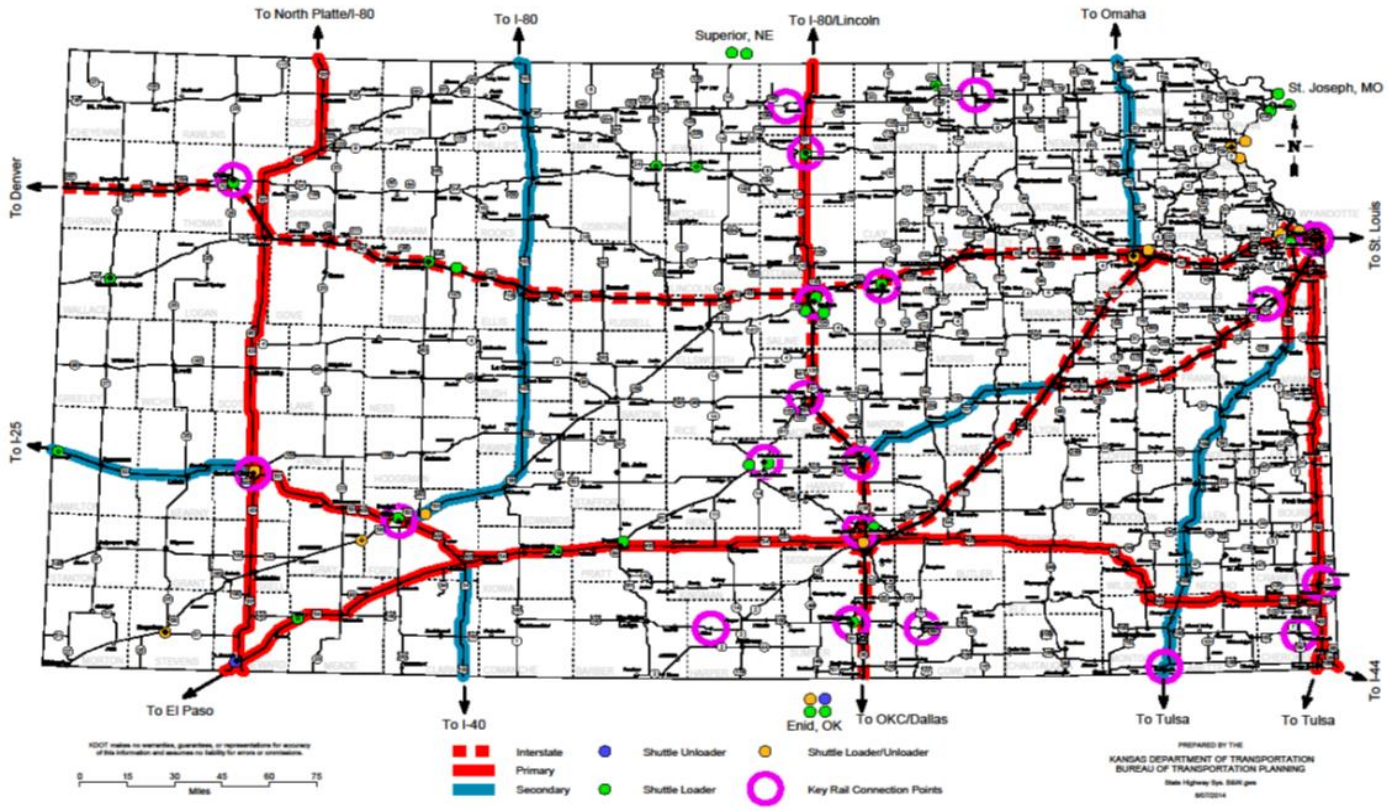
Committee membership



Four Meetings

April 2 – Topeka
May 21 – Salina
July 9 – Wichita
August 20 – Overland Park

KFAC Highway Corridors of Significance



Freight Areas of Significance

Top Tier

- More Passing Lanes - Highway
- Truck Parking/Stop Amenities - Highway
- Crossing Improvements/Grade Separations - Rail
- Geometric Improvements - Highway

Tier 2

- Highway Bridge Improvements - Highway
- Additional Lanes - Highway
- Wider Shoulders - Highway
- Additional Unit Loaders/Transload Facilities - Rail
- Capacity Upgrades/Heavier Rail Car Weights - Rail

Tier 3

- Passing Tracks/Spurs/Siding Improvements - Rail
- Rail Bridge Improvements - Rail
- Local "Last Mile" Infrastructure Improvements – Highway and Rail

Other

- Intelligent Transportation System (ITS) Improvements

KFAC Project Recommendations

- KTA/KDOT Truck Parking Study
- KTA Bridge Program
- Transload Site Location Analysis
- US-83 Passing Lane Study
- Designation of Statewide Primary and Secondary Freight Network
- “Flagging” Projects On Statewide Primary Freight Network During Project Selection Process
- Multimodal Approach to Freight Movement
- Importance of Interconnectivity Between Various Freight Modes
- Seamless Freight Transportation Within Kansas, Across the Region and Throughout the United States
- Continued Freight Stakeholder and Local Unit of Government Involvement in Freight Transportation Discussions

KTA/KDOT Truck Parking Study

- Conduct an inventory of truck parking locations
- Assess the use of parking facilities
- Identify truck parking needs
- Engage the KFAC for input
- Evaluate potential solutions
- Prepare to address needs

Transload Site Location Analysis

- Identify possible locations for rail transloading facilities
- Engage the KFAC for input
- Establish criteria
- Develop methodology for evaluation
- Evaluate sites
- Announce selection within one year

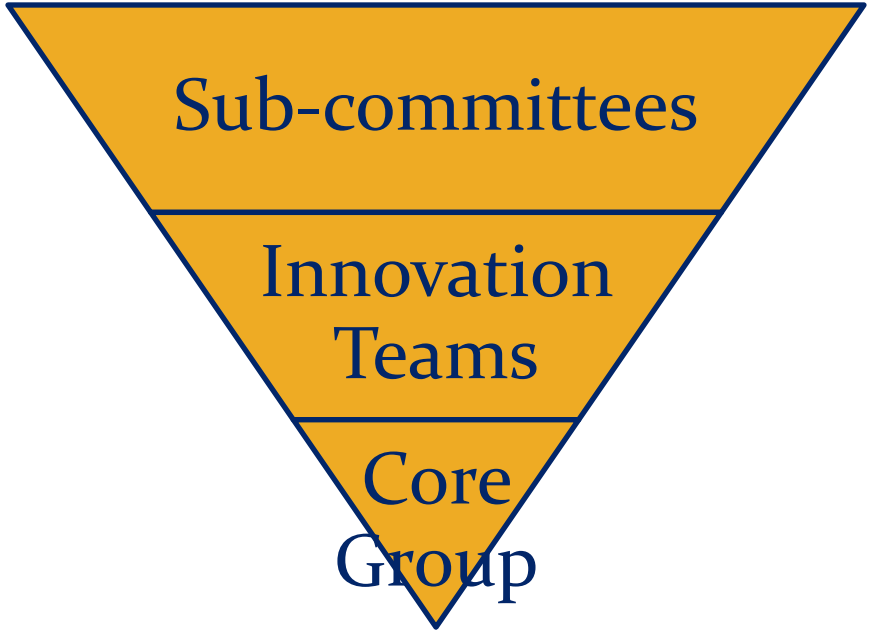
Kansas Turnpike Authority | Kansas Department of Transportation

Partnership Update

Creating Partnerships

HB 2234: Formalizing the partnership between two transportation entities

Structure



THE TEAMS

- **Project Delivery and Construction Contracting**
  - Engineering
  - Contracting
  - Project Programming
- **Technology Capabilities and Resources**
  - Information Technology
  - Safety Information Services
- **Maintenance and Operations**
  - Operations
  - District Staff
  - Law Enforcement
- **Organizational and Legislative Development**
  - Legal/Government Relations
  - HR
- **Revenues and Expenditures**
  - Budgeting
  - Procurement
- **Communications and Performance Measures**
  - External Outreach/Public Relations
  - Performance Managers

The Process

Phase 1

Big Picture Ideas

More than 100 ideas brought forward

Phase 2

Weighing the Benefits

70 proposals identified as strong candidates

Phase 3

Implementation

30+ ideas being implemented at this time

Innovation Team Success

Savings Tracking

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

Public Outreach

KDOT/KTA Partnership

What has not happened

- System Deterioration
- Loss of identity

KTA Surveys & Break-outs

Break-out Groups	Rooms
Yellow	Main Room
Orange	Main Room
Blue	Quindaro
Green	Rosedale
Red	Argentine
Pink	Armourdale

Kansas Turnpike Authority | Kansas Department of Transportation

Report Backs

Kansas Turnpike Authority | Kansas Department of Transportation

Wrap-up

Kansas Turnpike Authority

Kansas Department of Transportation