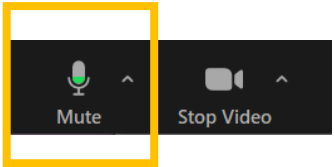
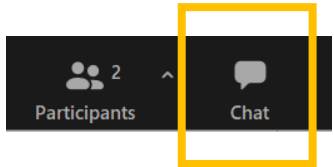


# WELCOME

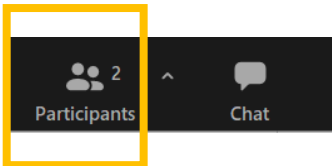
*We'll get started shortly!*



Please remain on **MUTE** until breakout discussions.



Use the **CHAT BOX** as needed.



**Need to change your NAME?**  
RENAME yourself using the Participants Tab, click "More."





**Who has joined us today?**



# KDOT 2021 LOCAL CONSULT

YOU SPEAK  
KDOT LISTENS  
TOGETHER, WE WORK



**YOU SPEAK  
KDOT LISTENS  
TOGETHER, WE WORK**



Video Introduction from Gov. Kelly



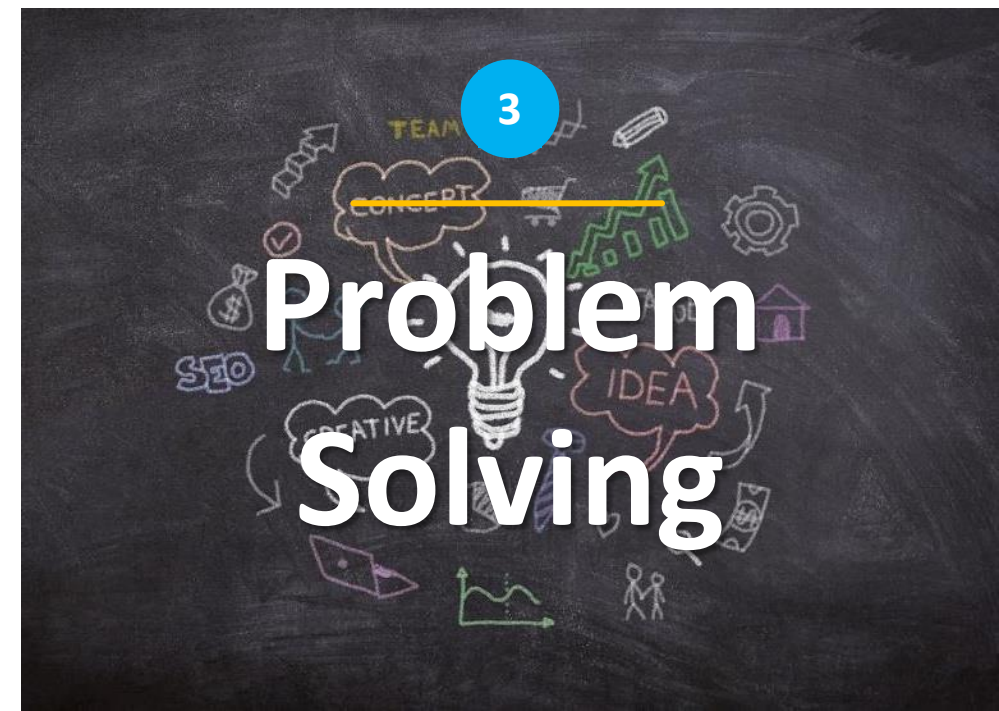
1

Partnerships



2

More Options



3

Problem Solving



# Why are we here today?

- Replenish IKE rolling program pipeline
- Prepare for possible Infrastructure Investment and Jobs Act (IIJA)
- Your input on highway expansion and modernization projects is needed to add \$600-\$750M to the development pipeline, statewide



# **1<sup>st</sup> Local Consult Meeting Under IKE program**

1. Regional survey results
2. Project lists, scores and updated information
3. Zoom room breakout discussions about projects
4. New KDOT initiatives and break
5. Reconvene: Summary of zoom room break out discussions about projects

**Greater flexibility and greater transparency**

**[www.ksdotike.org](http://www.ksdotike.org)**

# DISTRICT 1

Nearly 2,000 Kansans  
responded to the survey with  
more than 350 from District 1.

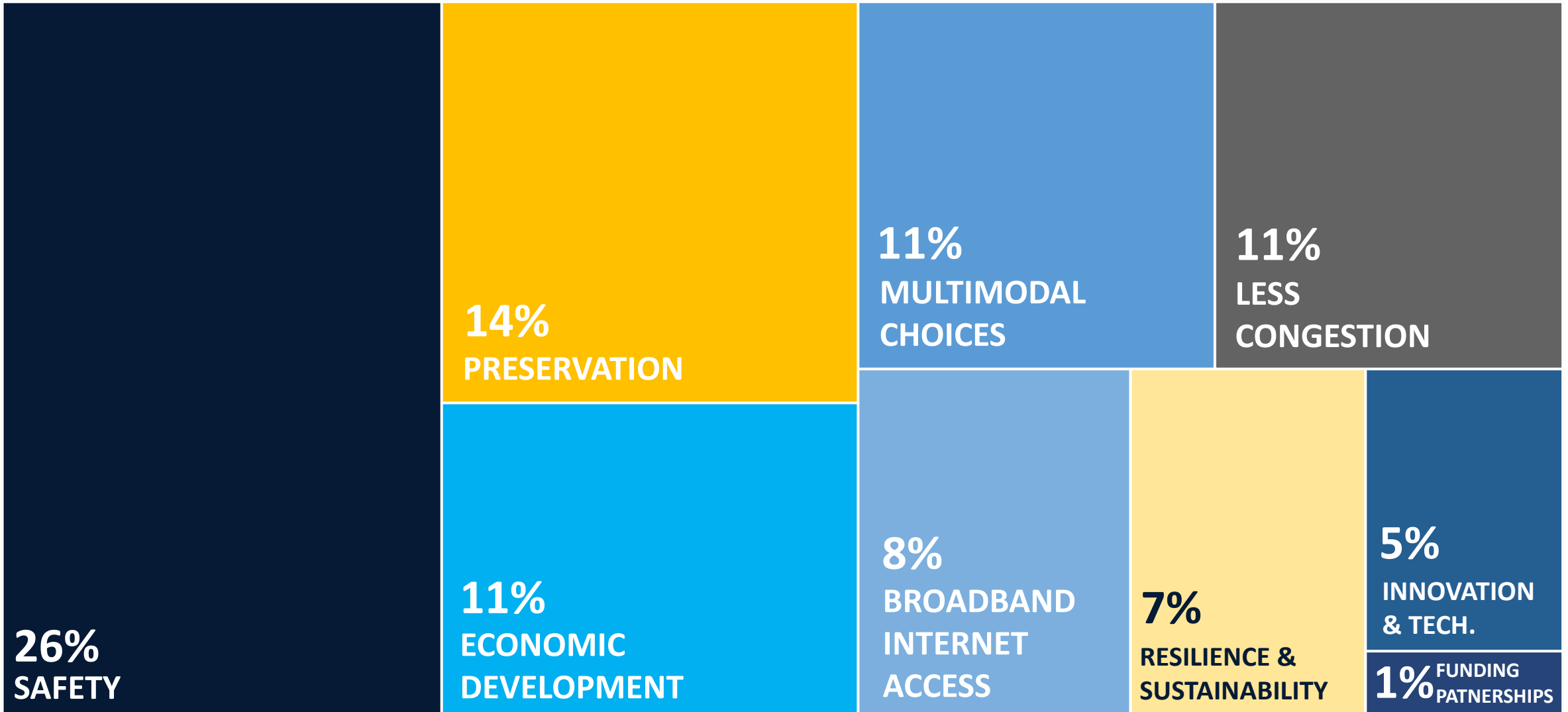


YOU SPEAK  
KDOT LISTENS  
TOGETHER, WE WORK



Let's talk about your region, and problems and opportunities you see.

## DISTRICT 1 PRIORITIES

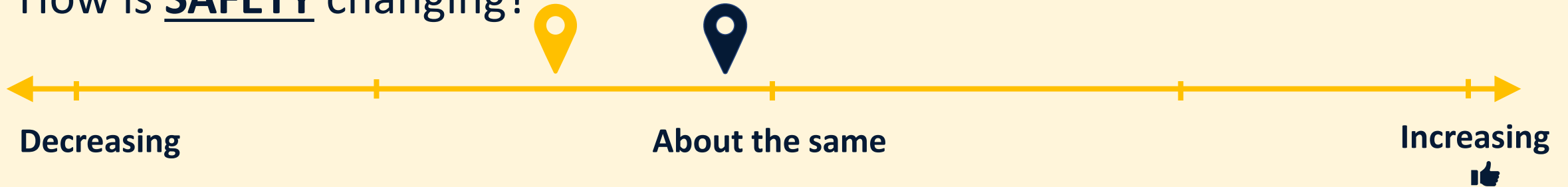


# Let's talk about your region.

## DISTRICT 1 WHAT'S CHANGING

■ District 1  
■ Statewide

How is SAFETY changing?



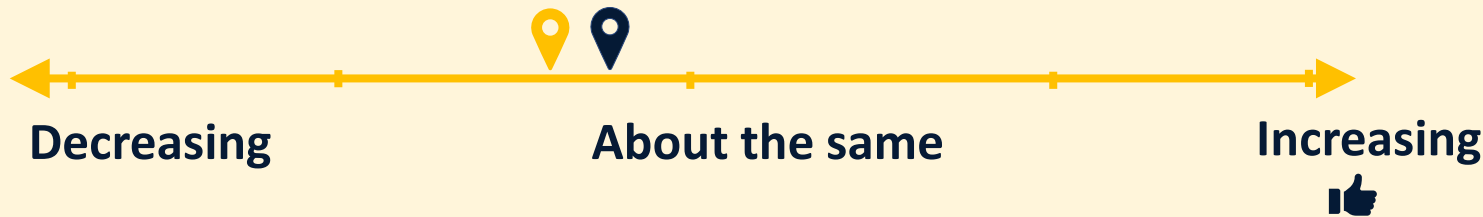
*“There have been **improvements** in safety in the last year or two but there are **still dangerous areas** on the highways (I-435 and I-35) that are particularly so during **rush hour** and with **large trucks**.”*

# Let's talk about your region.

## DISTRICT 1 WHAT'S CHANGING

■ District 1  
■ Statewide

How is PUBLIC TRANSPORTATION changing?



How is ACTIVE TRANSPORTATION changing?



*"We need **more emphasis** on providing and supporting public transit services to **connect population centers** to major **employment centers**."*

*"**Investing** in better sidewalks, protected and connected bike lanes, and more public transit is key to creating the **pleasant, livable communities** we all want."*






2000+

KANSANS

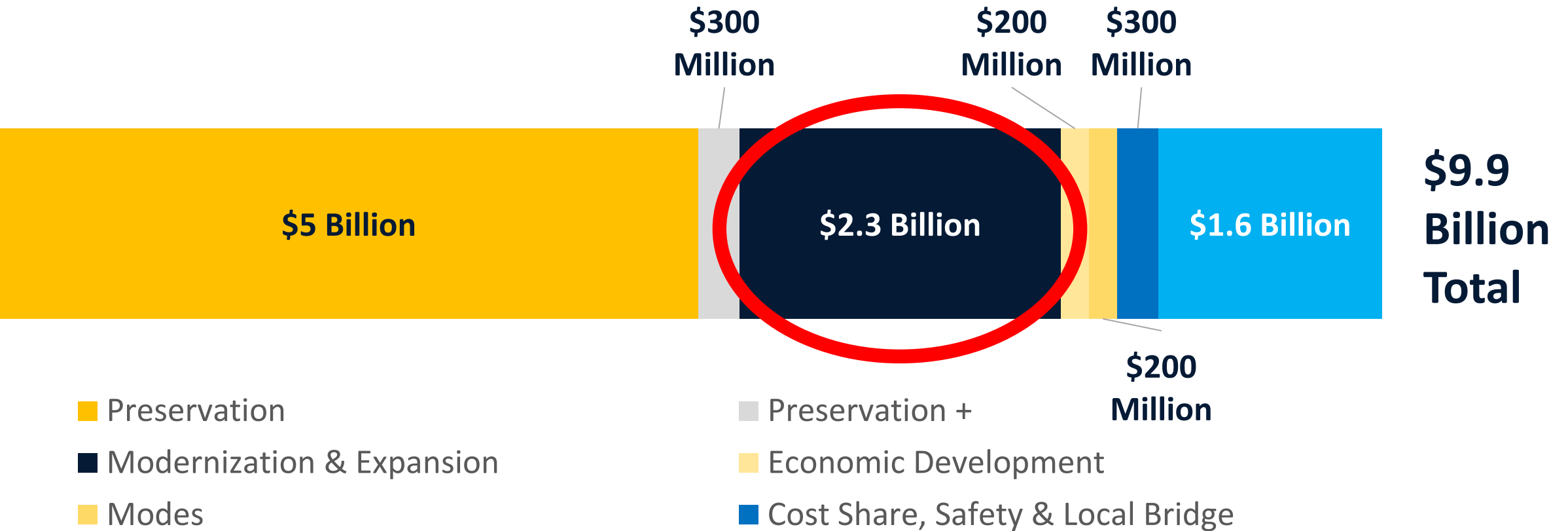




# New IKE program serves today & tomorrow's needs

- **\$9.9 billion** over **10 years**
- Strengthens infrastructure
- More economic growth opportunities

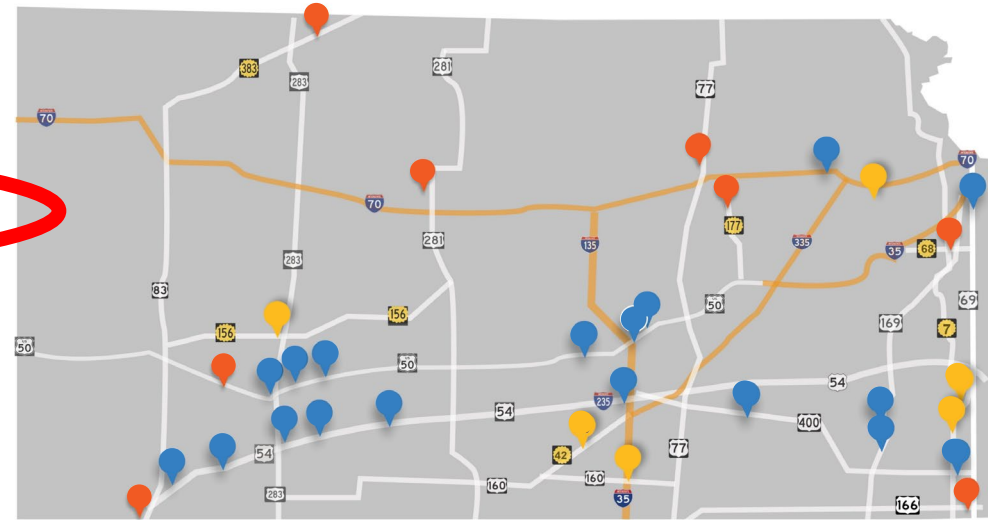
# Estimated IKE investments over 10 years and today's focus



*Note: Modernization & Expansion estimate does not include T-WORKS projects*

# Estimated minimum investments by district

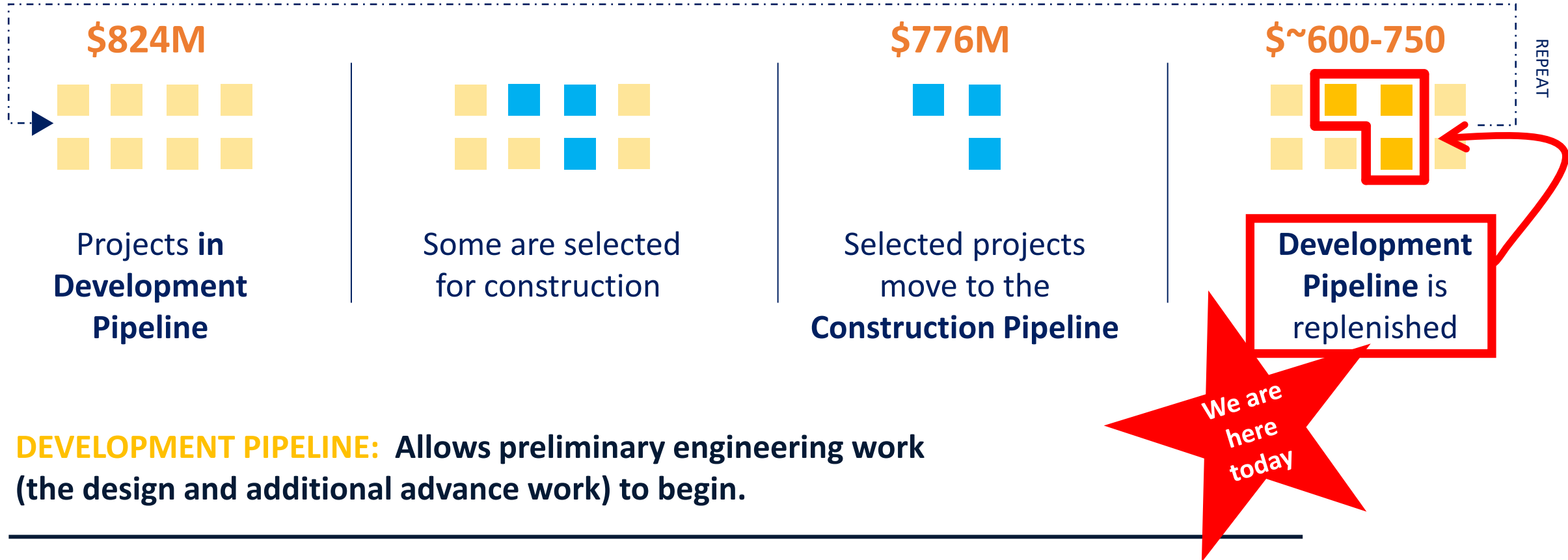
	Modernization & Expansion	Preservation Spending	TOTAL
DISTRICT 1	\$500 Million	\$1.3 Billion	\$1.8 Billion
DISTRICT 2	\$70 Million	\$600 Million	\$670 Million
DISTRICT 3	\$50 Million	\$700 Million	\$750 Million
DISTRICT 4	\$100 Million	\$550 Million	\$650 Million
DISTRICT 5	\$300 Million	\$800 Million	\$1.1 Billion
DISTRICT 6	\$100 Million	\$500 Million	\$600 Million
TOTAL	\$1.1 Billion	\$4.4 Billion	\$5.6 Billion



- **Construction:**  
5 projects - \$551M
- **Development:**  
6 project - \$354M

# Highway Development & Construction Pipelines

Statewide Fall '21



**DEVELOPMENT PIPELINE:** Allows preliminary engineering work (the design and additional advance work) to begin.

**CONSTRUCTION PIPELINE:** When ready and budget allows, some of the projects from the development pipeline move to the construction pipeline.



# How do we replenish the development pipeline?

- Partnerships: Hold Local Consult more often
- More Options: Bring new projects and more project scopes for discussion
- Problem Solving: Use updated data and better information to solve transportation problems





### District 1 2021 Project Scores – Urban Expansion

Legend ● High Need/Score ○ Medium Need/Score ○ Low Need/Score

Project Information					Engineering Factors					Economic Factors			Local Input	Other Factors		
Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Current Congestion (20 pts)	Future Congestion (15 pts)	Truck Traffic (7.5 pts)	Safety (7.5 pts)	Engineer Score (50 pts)	GRP* / Cost	Traveler Benefit** / Cost	Economic Score (25 pts)	Local Input (25 pts)	Route Continuity	Previous Investment	Notes
833	I-35 Johnson County: I-35/Moonlight/183rd St. Interchange in Gardner	Interchange	NA	\$37	Safety: 4/21; Operations: 13/29				17	●	●	22				Deteriorating condition -- needs to be replaced
832	I-35 Johnson County: Old US-56 to 119th St	Reconstruct & Add Lanes	4	\$74	●	●	●	⦿	47	●	●	25			✓	2019 scope was changed. Interchange at Santa Fe is now listed as a separate project on the modernization list (#178). The two projects could be done separately or together.
122	I-70 Shawnee County: 4 <sup>th</sup> St. to California St.	6-lane freeway	2	\$147	⦿	⦿	●	○	34	○	○	5		✓	✓	
818	I-70 Wyandotte County: I-70/K-7 Interchange?	Interchange	NA	\$42	Safety: 17/21; Operations: 25/29				42	⦿	⦿	19		✓	✓	
808	I-435/I-35/K-10 Johnson County: Gateway Project Phase 2	Reconstruct & Add Lanes	10	\$504	●	●	●	⦿	46	⦿	⦿	17		✓	✓	
811	I-435 Wyandotte County: I-435/State Avenue Interchange just north of I-70	Diverging Diamond Interchange	NA	\$24	Safety: 12/21; Operations: 15/29				27	⦿	⦿	13			✓	
807	I-435 Wyandotte County: I-435/Parallel Parkway Interchange	Interchange	NA	\$17	Safety: 7/21; Operations: 13/29				20	⦿	⦿	12				
134	US-24 Shawnee County: Silver Lake to Topeka	4-lane expressway	7	\$44	○	○	○	⦿	11	○	○	6		✓		
114	US-40/K-10 Douglas County: Lawrence to Johnson County Line?	6-lane freeway	7	\$125	●	●	○	○	48	○	⦿	16				
130	K-4 Shawnee County: Kansas River Bridge, North to Jefferson County Line	4-lane freeway	3	\$31M	●	⦿	○	○	22	○	●	21			✓	
823	K-10 Johnson County: K-7 to I-435	8-lane freeway	4	\$223*	●	●	●	●	48	⦿	⦿	14				

\*New project not presented in 2019. New projects came from statewide passing line review or from KDOT District staff.

\*Updated cost estimate

2019 Projects Selected for the Development or Construction Pipeline		
I-70 Shawnee County: MacVicar to 4th Street (Polk-Quincy)	6-lane freeway	
US-40/K-10 Douglas County: I-70 south to US-40 (6th St)	4-lane freeway, new KTA Interchange	
US-40/K-10 Douglas County: US-40 (6th St) south and east to US-59	4-lane freeway	
US-69 Johnson County: 119th St. North to I-435	6-lane freeway	
US-69 Johnson County: 119th St. South to 159th St. in Overland Park	6-lane freeway	
US-69 Johnson County: US-69 & 167th St Interchange	Reconstruct interchange	

Projects presented in 2019; not scored this year		
I-35 Wyandotte County: I-35 & Lamar Interchange - Low engineering need, added project in Wyandotte County with more interest	Reconstruct Interchange	

Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. This project wasn't scored this year because its 2019 engineering need score was low.

Engineering Factor Weights		
	Urban	Rural
Current Congestion	20	15
Future Congestion	15	10
Safety	7.5	12.5
Total Points Possible	50	50

Economic Factors	
Gross Regional Product (GRP)* - The value of goods and services produced minus the cost of inputs. GRP impact is calculated based on travel time and reliability savings for business-related and freight travel as well as vehicle operations and maintenance cost changes from a project divided by cost.	
Traveler Benefit** - The value of non-business benefits, including personal travel time and reliability benefits (e.g., for shopping, visiting family, doctor visits, etc.) and emissions reductions benefits divided by cost.	
*GRP impacts are calculated using county level economic data.	
**All travelers' time is valued equally regardless of where they live.	

US-75 Jackson County: Holton to K-20 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
K-4 Jefferson County: Shawnee/Jefferson Co Line, NE to 54th Street - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	2-lanes on 4-lane ROW
K-4 Jefferson County: 54th St. to Meriden - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	4-lane expressway
TBD Leavenworth County: I-70 south to K-10 - \$420M project at 7 miles, rescore in 2023	New Outer Loop

Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. These projects weren't scored because the specific location wasn't feasible, is being addressed through the Strategic Safety Improvement Program, passing lanes are being constructed, or another project needs to be programmed first.

### URBAN EXPANSION



### RURAL EXPANSION



Economic Factors					Local Input	Other Factors		
Safety (7.5 pts)	Engineer Score (50 pts)	GRP* / Cost	Traveler Benefit** / Cost	Economic Score (25 pts)	Local Input (25 pts)	Route Continuity	Previous Investment	Notes
20	○	○	○	5				
39	○	○	○	6		✓		Scope changed from passing lanes to 4-lane freeway, because passing lanes weren't practical in this location

### MODERNIZATION



Engineering Factors					Local Input	Other Factors		
Geometrics/ Safety	Capacity	Pavement Structure	Pavement Surface	Engineer Score (80 pts)	Local Input (20 pts)	Route Continuity	Previous Investment	Other Considerations
Safety: 15/34; Operations: 29/46				44				New modernization project since 2019. This interchange was previously part of Urban Expansion project #832. The two projects could be done separately or together.
Safety: 28/34; Operations: 23/46				51				
Safety: 30/34; Operations: 25/46				55			✓	
Safety: 13/34; Operations: 23/46				36				
Safety: 23/34; Operations: 31/46				54				
●	●	●	●	77			✓	
●	●	●	●	78				
●	●	○	○	63				
Safety: 8/34; Operations: 21/46				29				Rescored – Project from 2019 was split into two projects #157 and #188
●	●	●	●	75				
●	●	●	●	80				
○	○	○	○	35				
○	●	●	●	53			✓	
○	●	○	●	42				

\*New project not presented in 2019. New projects came from KDOT's priority formula or from KDOT District staff.

2019 Projects Selected for the Development or Construction Pipeline		
I-35 Johnson County: 119th St. Interchange in Olathe	Reconstruct Interchange – Selected for federal BUILD grant	
US-40 Douglas County: US-40 (6th St) K-10 Interchange at Lawrence	Reconstruct Interchange as DDI	
US-56 Douglas County: US-59 Jct east to Baldwin	Reconstruct	
K-99 Wabaunsee County: I-70 north 2 miles	Reconstruct	

Projects presented in 2019; not scored this year		
K-20 Brown County: US-75 to Horton – Low engineering need and low traffic counts.	Reconstruct	

Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. This project wasn't scored this year because its 2019 engineering need score was low.

High scoring projects in these engineering categories are likely to have:

- Geometrics/Safety – Narrow shoulders, an intersection that needs improved or a curve that needs straightened.
- Capacity – Traffic congestion.
- Pavement Structure – sub-surface pavement issue.
- Pavement Surface – Rough pavement surfaces.

Other factors in selection:

- Route Continuity – Complete or continue a corridor.
- Previous Investment – Preliminary engineering work already underway or another phase of the project constructed.



# Same scoring process







---

1. Same project category types
2. Same factors and overall weights
3. Provide draft engineering and economic scores for discussion
4. Assess input to inform regional priority score

Scoring can use data to fairly compare projects because it's relative. It can't give us an exact answer or evaluate every project perfectly.

*Our process reflects this and we rely on you to inform decisions.*

# Same project types, factors and overall weights

				
	<b>Preservation +</b>	<b>Modernization</b>	<b>Expansion</b>	
	Overlays Reconstruction Bridge Repair Bridge Replacement	Striping Strategic Safety Improvements Technology	Add Shoulders Flatten Hills Straighten Curves Improve Intersections	
		Add Lanes Add Interchanges Add Passing Lanes		
	Engineering Data	100%	80%	50%
	Local Input		20%	25%
	Economic Analysis*			25%
	*Rural and Urban projects evaluated separately			



# Modernization Scoring

## Engineering Factors

- Geometrics/Safety
- Capacity
- Pavement Structure
- Pavement Surface

4 High need/score  
2 Medium need/score  
0 Low need/score  
**Represent a range**  
**These are relative**

## Other Factors

- Route Continuity
- Previous Investment



Top  
Engineering  
Score

80



Local  
Input

20

TBD



Final  
Score



# Expansion Scoring

## Engineering Factors

- Current Congestion
- Future Congestion
- Truck Traffic
- Safety

## Economic Factors

- Gross Regional Product/Cost
- Traveler Benefit/Cost

- 4 High need/score  
2 Medium need/score  
0 Low need/score  
**Represent a range**  
**These are relative**

## Other Factors

- Route Continuity
- Previous Investment



Top  
Engineering  
Score

50



Top  
Economic  
Score

25



Local  
Input

25

TBD



Final  
Score

# 2021 Update: Modifications to scoring methodology

---

- Now consider both crash rate and crash frequency (previously just rate) on both highway corridors and interchanges for expansion projects
- Updated point thresholds for scoring current and future congestion as well as truck traffic for expansion projects, informed by 2019 input
- Updated economic scoring to better relate project benefits to project cost for expansion

# 2021 Updated Economic impact methodology

*(urban and rural scored separate)*

## 2019



## 2021



# 2021 project lists / scores updated based on:

- Updated data – 2019 traffic; 2017-19 crash; 2018 pavement condition
- Statewide passing lane analysis – field verification
- Better information on scopes and more refined cost estimates (e.g., I-35 from Old US-56 to 119<sup>th</sup> St.)
- Scoring methodology updates to reflect feedback
- New projects added to the list

[illegible]

4

**Projects not scored in 2021 but can still discuss**

# 2021 project lists



# 1. Projects from 2019 that are now in the pipeline

## 2019 Projects Selected for the Development or Construction Pipeline

<b>I-70 Shawnee County:</b> MacVicar to 4th Street (Polk-Quincy)	6-lane freeway
<b>US-40/K-10 Douglas County:</b> I-70 south to US-40 (6th St)	4-lane freeway, new KTA interchange
<b>US-40/K-10 Douglas County:</b> US-40 (6th St) south and east to US-59	4-lane freeway
<b>US-69 Johnson County:</b> 119th St. North to I-435	6-lane freeway
<b>US-69 Johnson County:</b> 119th St. South to 159th St. in Overland Park	6-lane freeway
<b>US-69 Johnson County:</b> US-69 & 167th St Interchange	Reconstruct interchange

**District 1 2021 Project Scores – Urban Expansion**

Legend: ● High Need Score ● Medium Need Score ○ Low Need Score

Project Information	Engineering Factors	Economic Factors	Local Impact	Other Factors
100 I-70 Shawnee County: MacVicar to 4th Street (Polk-Quincy)	Score: 100	Score: 100	Score: 100	Score: 100
101 US-40/K-10 Douglas County: I-70 south to US-40 (6th St)	Score: 100	Score: 100	Score: 100	Score: 100
102 US-40/K-10 Douglas County: US-40 (6th St) south and east to US-59	Score: 100	Score: 100	Score: 100	Score: 100
103 US-69 Johnson County: 119th St. North to I-435	Score: 100	Score: 100	Score: 100	Score: 100
104 US-69 Johnson County: 119th St. South to 159th St. in Overland Park	Score: 100	Score: 100	Score: 100	Score: 100
105 US-69 Johnson County: US-69 & 167th St Interchange	Score: 100	Score: 100	Score: 100	Score: 100

**2019 Projects Selected for the Development or Construction Pipeline**

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

**District 1 2021 Project Scores – Rural Expansion**

Legend: ● High Need Score ● Medium Need Score ○ Low Need Score

Project Information	Engineering Factors	Economic Factors	Local Impact	Other Factors
106 K-92 Leavenworth County: Centennial Bridge	Score: 100	Score: 100	Score: 100	Score: 100

**2019 Projects Selected for the Development or Construction Pipeline**

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

<b>I-35 Johnson County:</b> 119 <sup>th</sup> St. Interchange in Olathe	Reconstruct Interchange – Selected for federal BUILD grant
<b>US-40 Douglas County:</b> US-40 (6th St)/K-10 Interchange at Lawrence	Reconstruct Interchange as DDI
<b>US-56 Douglas County:</b> US-59 Jct east to Baldwin	Reconstruct
<b>K-99 Wabaunsee County:</b> I-70 north 2 miles	Reconstruct

**District 1 2021 Project Scores – Modernization**

Legend: ● High Need Score ● Medium Need Score ○ Low Need Score

Project Information	Engineering Factors	Economic Factors	Local Impact	Other Factors
107 I-35 Johnson County: 119 <sup>th</sup> St. Interchange in Olathe	Score: 100	Score: 100	Score: 100	Score: 100
108 US-40 Douglas County: US-40 (6th St)/K-10 Interchange at Lawrence	Score: 100	Score: 100	Score: 100	Score: 100
109 US-56 Douglas County: US-59 Jct east to Baldwin	Score: 100	Score: 100	Score: 100	Score: 100
110 K-99 Wabaunsee County: I-70 north 2 miles	Score: 100	Score: 100	Score: 100	Score: 100

**2019 Projects Selected for the Development or Construction Pipeline**

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

Projects presented in 2019, not selected this year

# 2. & 3. Previous and New Projects for Discussion Today

## District 1 2021 Project Scores – Urban Expansion

Legend ● High Need/Score ○ Medium Need/Score ○ Low Need/Score

Project Information					Engineering Factors					Economic Factors			Input			Other Factors	
Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Current Congestion (20 pts)	Future Congestion (15 pts)	Truck Traffic (7.5 pts)	Safety (7.5 pts)	Engineer Score (50 pts)	GRP* / Cost	Traveler Benefit** / Cost	Economic Score (25 pts)	Local Input (25 pts)	Route Continuity	Previous Investment		
833	<b>I-35 Johnson County: I-35/Moonlight/183rd St. Interchange</b>	Interchange	NA	\$37	Safety: 4/21; Operations: 13/29				17	●	●	22				Deteriorating condition – needs replaced	
832	<b>I-35 Johnson County: Old US-56 to 119th St</b>	Reconstruct & Add Lanes	4	\$74	●	●	●	●	47	●	●	25			✓	2019 scope was changed. Interchange at Santa Fe is now listed as a separate project on the modernization list (#178). The two projects could be done separately or together.	
122	<b>I-70 Shawnee County: 4th St. to California St.</b>	6-lane freeway	2	\$147	○	○	●	○	34	○	○	5		✓	✓		
818	<b>I-70 Wyandotte County: I-70/K-7 Interchange†</b>	Interchange	NA	\$42	Safety: 17/21; Operations: 25/29				42	●	●	19		✓	✓		
808	<b>I-435/K-10 Johnson County: Gateway Project Phase 2</b>	Reconstruct & Add Lanes	10	\$504	●	●	●	○									
811	<b>I-435 Wyandotte County: I-435/State Avenue Interchange just north of I-70</b>	Diverging Diamond Interchange	NA	\$24	Safety: 12/21; Operations: 15/29												
134	<b>US-56 Shawnee County: Silver Lake to Topeka</b>	4-lane expressway	7	\$44	○	○	○	○									
114	<b>US-40/K-10 Douglas County: Lawrence to Johnson County Line</b>	6-lane freeway	7	\$125	●	●	○	○									
120	<b>K-4 Shawnee County: Kansas River Bridge, Johnson County Line</b>	4-lane freeway	3	\$91M	○	○	○	○									
823	<b>K-10 Johnson County: K-7 to I-435</b>	8-lane freeway															

**District 1 2021 Project Scores – Rural Expansion**  
Legend ● High Need/Score ○ Medium Need/Score ○ Low Need/Score

1435 Wyandotte County: I-435/Parallel Parkway Interchange	Interchange	NA	\$17	Safety: 7/21; Operations: 13/29													
US-76 Shawnee County: Silver Lake to Topeka	4-lane expressway	7	\$44														
US-40/K-10 Dodge County: Lawrence to Johnson County Line†	6-lane freeway	7	\$125														
K-4 Shawnee County: Kansas River Bridge to Johnson County Line	4-lane	3	\$33M														
K-10 Johnson County: K-72 to I-435	4-lane freeway																

Project Information					Engineering Factors					Economic Factors			Local Input	Other Factors		
Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Current Congestion (20 pts)	Future Congestion (15 pts)	Truck Traffic (7.5 pts)	Safety (7.5 pts)	Engineer Score (50 pts)	GRP* / Cost	Traveler Benefit** / Cost	Economic Score (25 pts)	Local Input (25 pts)	Route Continuity	Previous Investment	Notes
165	US-24 Pottawatomie County: US-24/Flash Rd. Interchange†	Interchange	NA	\$20	Safety: 14/21; Operations: 6/29				20	○	○	5				Scope changed from passing lanes to 4-lane freeway, because passing lanes weren't practical at this location
136	US-75 Osage County: Lyndon to Carbondale	4-lane freeway	12	\$158	●	●	○	○	39	○	○	6		✓		

†New project not presented in 2019. New projects came from statewide passing lane review or from KDOT District staff.

\*Updated cost estimate

\*New project not presented in 2019. New projects came from statewide passing lane review or from KDOT District staff.

†Updated cost estimate

2019 Projects Selected for the Development or Construction Pipeline		
<b>I-70 Shawnee County: MacVicar to 4th Street (Polk-Quincy)</b>	6-lane freeway	
<b>US-40/K-10 Douglas County: I-70 south to US-40 (6th St)</b>	4-lane freeway, new KTA Interchange	
<b>US-40/K-10 Douglas County: US-40 (6th St) south and east to US-59</b>	4-lane freeway	
<b>US-69 Johnson County: 119th St. North to I-435</b>	6-lane freeway	
<b>US-69 Johnson County: 119th St. South to 159th St. in Overland Park</b>	6-lane freeway	
<b>US-69 Johnson County: US-69 &amp; 167th St Interchange</b>	Reconstruct Interchange	

Projects presented in 2019; not scored this year		
<b>I-35 Wyandotte County: I-35 &amp; Lenexa Interchange - Low engineering need, added project in Wyandotte County with more interest</b>	Reconstruct Interchange	
Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. This project wasn't scored this year because its 2019 engineering need score was low.		

2019 Projects Selected for the Development or Construction Pipeline		
<b>K-92 Leavenworth County: Centennial Bridge</b>	New Bridge	

Projects presented in 2019; not scored this year	
<b>US-24 Pottawatomie County: Wamego to St. Marys - specific location not feasible</b>	Passing Lanes
<b>US-75 Brown County: 3.2 miles north of K-20, north 5.5 miles - Project moved to Strategic Safety Improvement program and is being addressed</b>	Passing lanes
<b>US-75 Brown County: K-20 to US-36 - constructing passing lanes to improve corridor, re-evaluate once complete</b>	4-lane expressway
<b>US-75 Jackson County: 7.3 miles north of K-16, north 1.8 miles - Project moved to Strategic Safety Improvement program and is being addressed</b>	Passing lanes
<b>US-75 Jackson County: Holton to K-20 - constructing passing lanes to improve corridor, re-evaluate once complete</b>	4-lane expressway
<b>K-4 Jefferson County: Shawnee/Jefferson Co Line, NE to 54th Street - Kansas River Potom (Project 130 Urban Expansion) would need to be programmed first</b>	2-lanes on 4-lane ROW
<b>K-4 Jefferson County: 54th St. to Meriden - Kansas River Potom (Project 130 Urban Expansion) would need to be programmed first</b>	4-lane expressway
<b>TBD Leavenworth County: I-70 south to K-10 - 5420M project at 7 miles, rescore in 2023</b>	New Outer Loop
Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. These projects weren't scored because the specific location wasn't feasible, is being addressed through the Strategic Safety Improvement Program, passing lanes are being constructed, or another project needs to be programmed first.	

North	
Current Population (2018)	40
Population Projection (2044)	40
State Highway Miles	3
Total Roadway Miles	16
Daily Vehicle Miles Traveled SHS	35
Daily Truck Miles Traveled on SHS	26
Daily Vehicle Miles Traveled All Roads	42

## RURAL EXPANSION

## District 1 2021 Project Scores – Modernization

Legend ● High Need/Score ○ Medium Need/Score ○ Low Need/Score

Project Information				Engineering Factors					Local Input	Other Factors		
Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Geometric/ Safety	Capacity	Pavement Structure	Pavement Surface	Engineer Score (50 pts)	Local Input (20 pts)	Route Continuity	Previous Investment
178	<b>I-35 Johnson County: I-35/Santa Fe Interchange in Olathe†</b>	Interchange reconstruction	NA	\$40	Safety: 15/34; Operations: 29/46				44			
852	<b>I-35 Johnson County: I-35/US-56 Interchange</b>	Interchange reconstruction	NA	\$20	Safety: 28/34; Operations: 23/46				51			
865	<b>I-35 Johnson County: I-35 / Gardner Rd Interchange†</b>	Interchange reconstruction	NA	\$32	Safety: 30/34; Operations: 25/46				55			✓
863	<b>I-70 Wyandotte County: Lewis &amp; Clark Viaduct†</b>	Interchange reconstruction	NA	\$79	Safety: 13/34; Operations: 23/46				36			
862	<b>I-70/US-69 Wyandotte County: I-70/18th St. Interchange†</b>	Interchange reconstruction	NA	\$31	Safety: 23/34; Operations: 31/46				54			
158	<b>US-56 Douglas County: Osage County Line East to US-56/59 Jct.</b>	Reconstruct	13	\$46	●	●	●	●	77		✓	
153	<b>US-56 Osage County: US-75 East to the Douglas County Line</b>	Reconstruct	10	\$36	●	●	●	●	78			
856	<b>K-5 Leavenworth/Wyandotte County: US-73 to I-435/Wolcott Interchange</b>	Construct new alignment	7	\$23	●	○	○	○	63			
861	<b>K-7 Johnson County: K-7/Shawnee Mission Pkwy (6th St.) Interchange†</b>	Interchange reconstruction	NA	\$25	Safety: 8/34; Operations: 21/46				29			
157	<b>K-16 Jackson County: Holton to K-16/116 Jct.</b>	Reconstruct	2	\$8	●	●	●	●	75			
156	<b>K-16 Jackson County: 3 miles West of Holton to Holton†</b>	Reconstruct	3	\$11	●	●	●	●	80			
154	<b>K-31 Douglas County: Franklin County Line to US-56†</b>	Reconstruct	2	\$6	○	○	○	○	35			
151	<b>K-9 Shawnee County: 6 miles North of I-70, North to the Pottawatomie County</b>	Reconstruct	3	\$18	○	●	●	●	53		✓	
159	<b>Pottawatomie County: 6th St./Juleta Link with new Blue River Bridge</b>	Reconstruct	6	\$20	○	○	○	○	42			

\*New project not presented in 2019. New projects came from KDOT's priority formula or from KDOT District staff.

2019 Projects Selected for the Development or Construction Pipeline		
<b>I-35 Johnson County: 119th St. Interchange in Olathe</b>	Reconstruct Interchange - Selected for federal BUILD grant	
<b>US-40 Douglas County: US-40 (6th St) K-10 Interchange at Lawrence</b>	Reconstruct Interchange as DDI	
<b>US-56 Douglas County: US-59 Jct east to Baldwin</b>	Reconstruct	
<b>K-99 Wabaunsee County: I-70 north 2 miles</b>	Reconstruct	

Projects presented in 2019; not scored this year		
<b>K-20 Brown County: US-75 to Horton - Low engineering need and low traffic counts.</b>	Reconstruct	
Because of the time and cost required, KDOT doesn't score every project from every year, but that doesn't mean it's fallen off our radar. This project wasn't scored this year because its 2019 engineering need score was low.		

High engineering need projects are likely to have:

- Geometrics/Safety - Narrow shoulders, an intersection that needs improved or a curve that needs straightened.
- Capacity - Traffic congestion.
- Pavement Structure - subsurface pavement issue.
- Pavement Surface - Rough pavement surfaces.

Other factors in selection:

- Route Continuity - Complete or continue a corridor.
- Previous Investment - Preliminary engineering work already underway or another phase of the project constructed.

**\*New projects, not shown in 2019, are shown with a † and in italics**

# 4. Projects from 2019 Not Scored This Year – Discussion?

Projects presented in 2019; not scored this year	
<b>I-35 Wyandotte County:</b> I-35 & Lamar Interchange - Low engineering need, added project in Wyandotte County with more interest	Reconstruct Interchange
<b>US-24 Pottawatomie County:</b> Wamego to St. Marys – specific location not feasible	Passing Lanes
<b>US-75 Brown County:</b> 3.2 miles north of K-20, north 5.5 miles - Project moved to Strategic Safety Improvement program and is being addressed	Passing lanes
<b>US-75 Brown County:</b> K-20 to US-36 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
<b>US-75 Jackson County:</b> 7.9 miles north of K-16, north 1.8 miles - Project moved to Strategic Safety Improvement program and is being addressed	Passing lanes
<b>US-75 Jackson County:</b> Holton to K-20 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
<b>K-4 Jefferson County:</b> Shawnee/Jefferson Co Line, NE to 54th Street - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	2-lanes on 4-lane ROW
<b>K-4 Jefferson County:</b> 54th St. to Meriden - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	4-lane expressway
<b>TBD Leavenworth County:</b> I-70 south to K-10 - \$420M project at 7 miles, rescore in 2023	New Outer Loop
<b>K-20 Brown County:</b> US-75 to Horton – Low engineering need and low traffic counts	Reconstruct

District 1 2021 Project Scores – Urban Expansion

Legend: High Need Score, Medium Need Score, Low Need Score

**URBAN EXPANSION**

District 1 2021 Project Scores – Rural Expansion

Legend: High Need Score, Medium Need Score, Low Need Score

**RURAL EXPANSION**

District 1 2021 Project Scores – Modernization

Legend: High Need Score, Medium Need Score, Low Need Score

**MODERNIZATION**

# 2021 Update Summary: District 1 List

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- 11 projects moved to the development or construction pipelines
- 10 new projects added from priority formula or district feedback
- 10 projects not scored this year
- 3 projects refined/changed scope –
- 1 project with updated cost estimate

*Because no formula or score is perfect,*

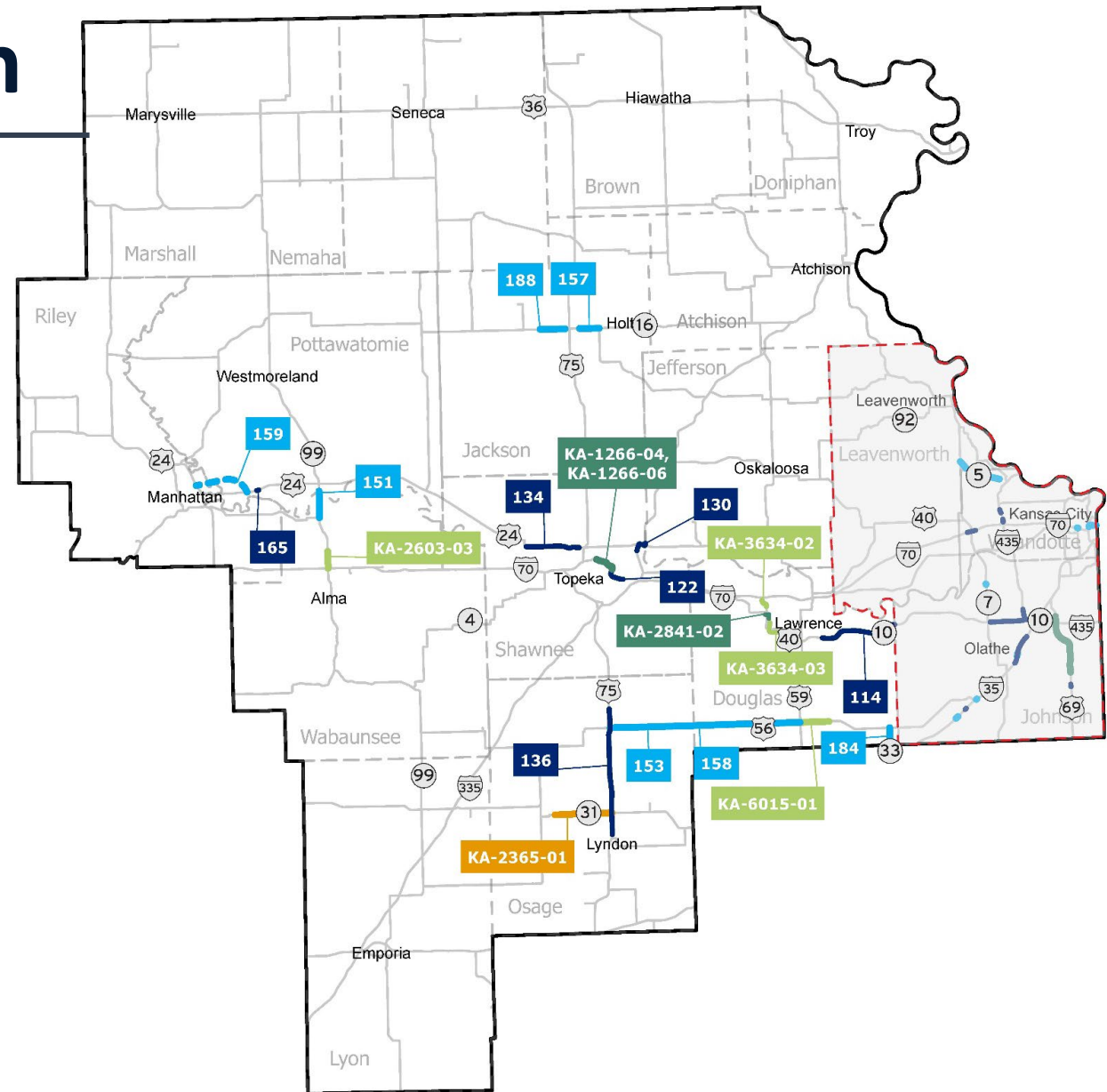
**Scoring ≠ Programming**

**Selecting projects is like  
building a team**



# Today's Project Discussion

- **What's new or changed in your region? Consider survey results, new projects added to the list or scopes that were changed.**
- **What are your project priorities for the development pipeline?**
  - **High**
  - **Medium**





## Breakout Group Time

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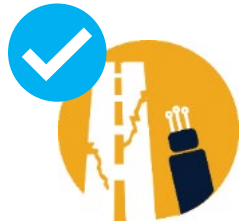
- **Automatically transferred to virtual breakout groups**
- **30 minutes for discussion**

# Break Time

*We'll start again at XX:XX*



# All new programs were underway in 2020



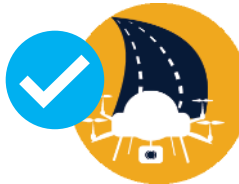
**PRESERVATION +**  
\$17 Million



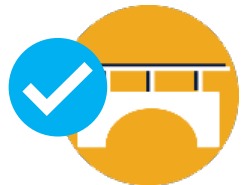
**BROADBAND**  
\$5 Million



**COST SHARE**  
38 Projects | \$21.7 Million



**INNOVATION TECH**  
5 Projects | \$1.3 Million



**LOCAL BRIDGE**  
30 counties/ cities | \$5.1 Million



**DRIVER'S ED**  
Nearly 1000 students enrolled



**SHORT-LINE RAIL**  
13 Projects | \$5 Million

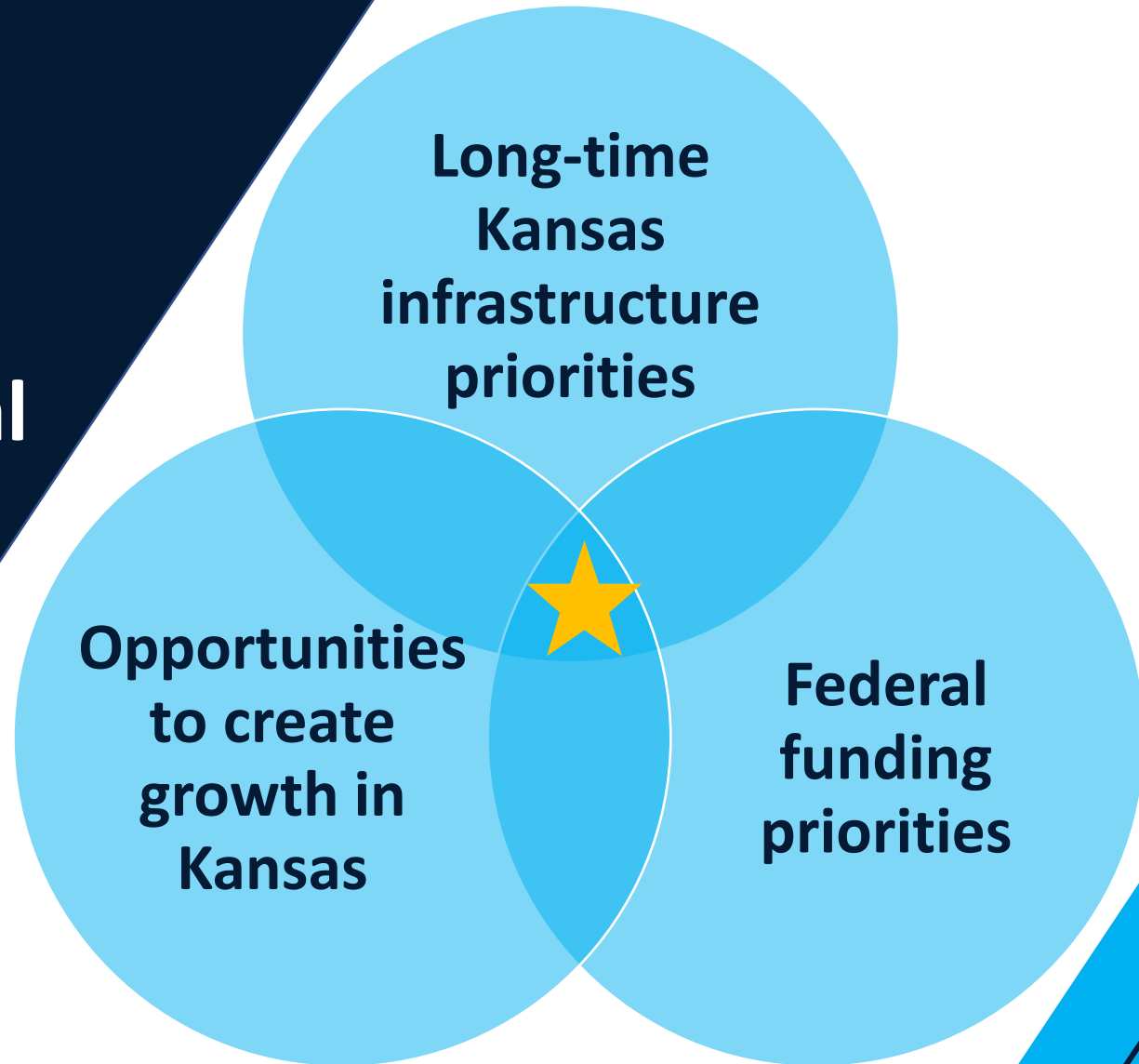


**STRATEGIC SAFETY IMPROVEMENTS**  
1<sup>st</sup> project to construction in 2020

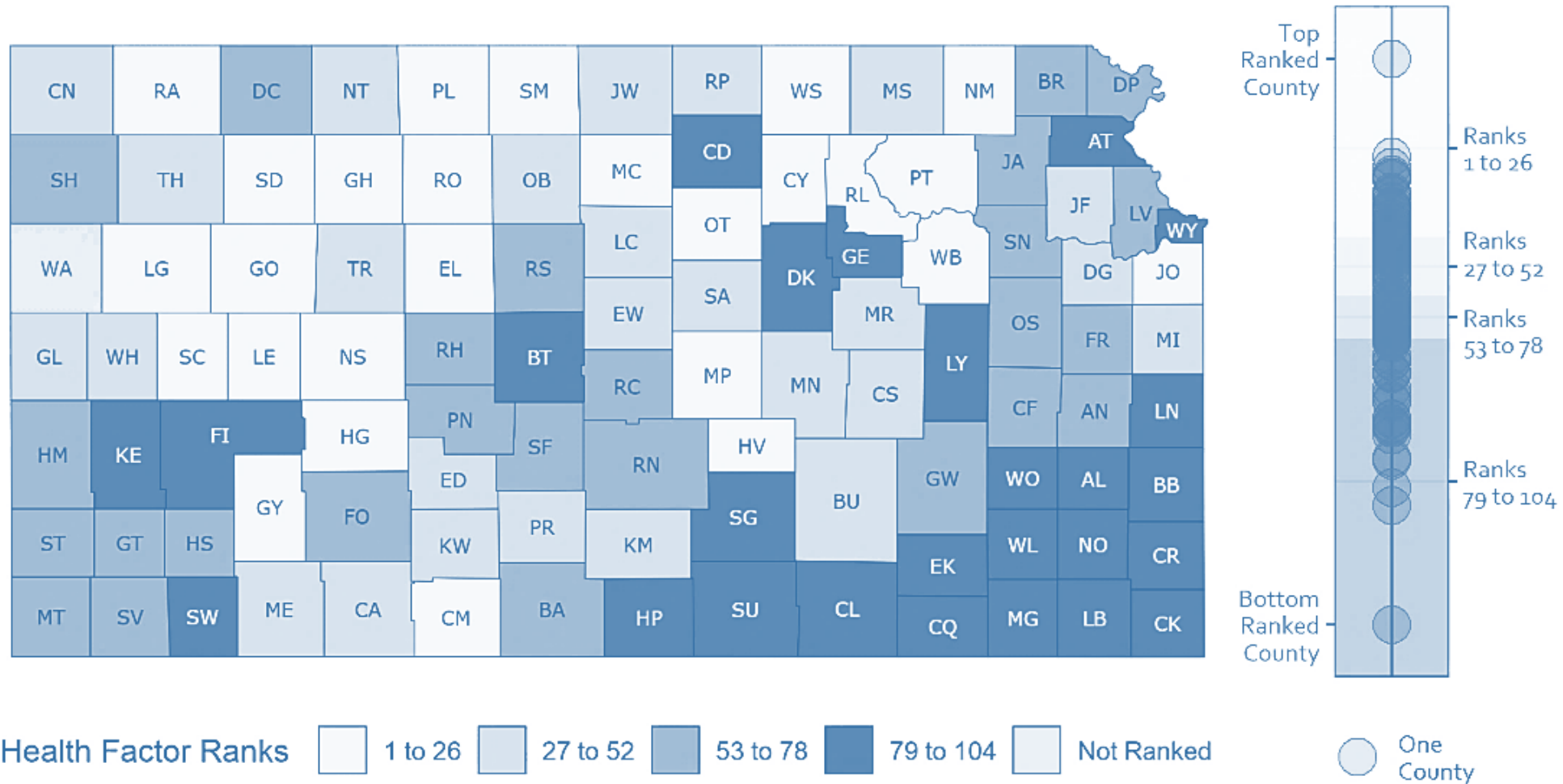


## **Problem solving ideal**

- ★ Find the “sweet” spots to deliver improvements and long-term economic opportunities

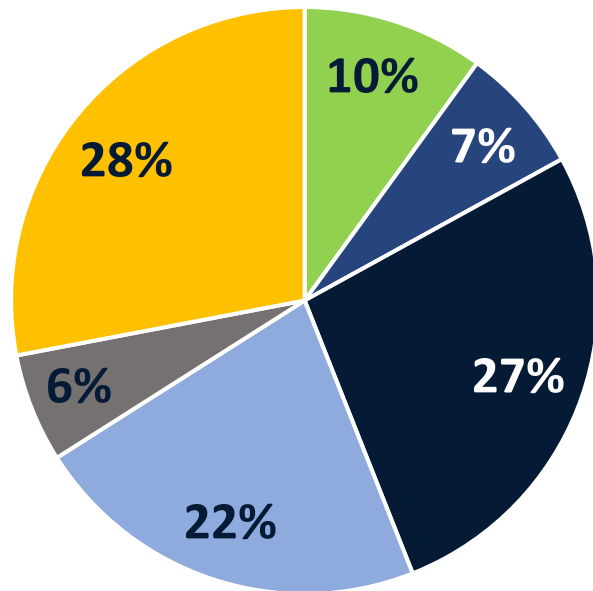


# Health rankings show need for Expanded view of equity



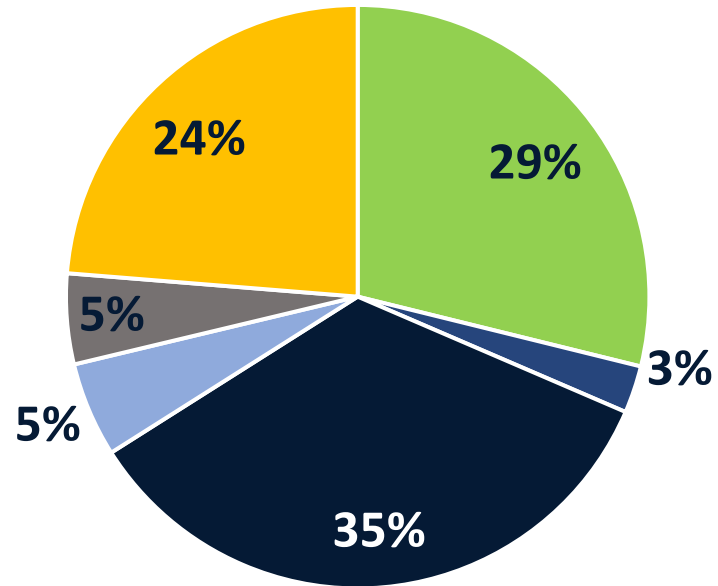
# Greenhouse Gas Emissions by Economic Sector

## United States

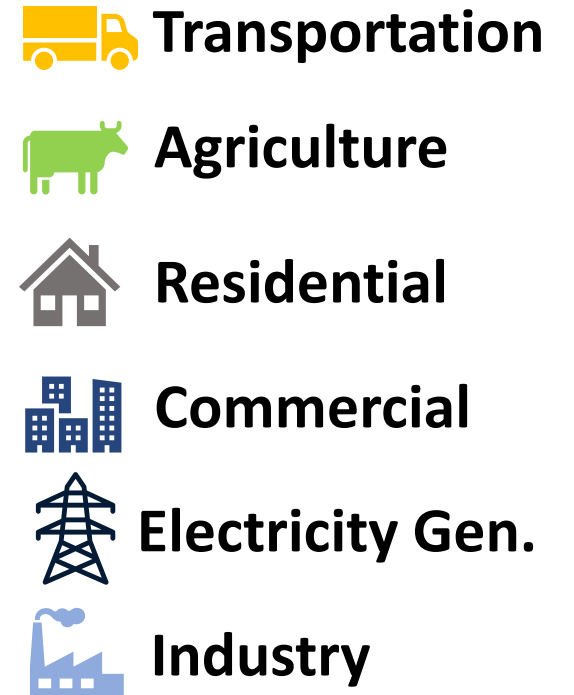


Source: EPA, 2018

## Kansas



Source: World Resources Institute, 2014





HEARTLAND OPPORTUNITIES, MARKETS & ENVIRONMENT

## Pilot Project

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# Private Industry response



Forbes WHEELS

## GM Plans To Phase Out Gas And Diesel Cars By 2035



Jerry Hirsch  
Contributor

Published: Jan 28, 2021

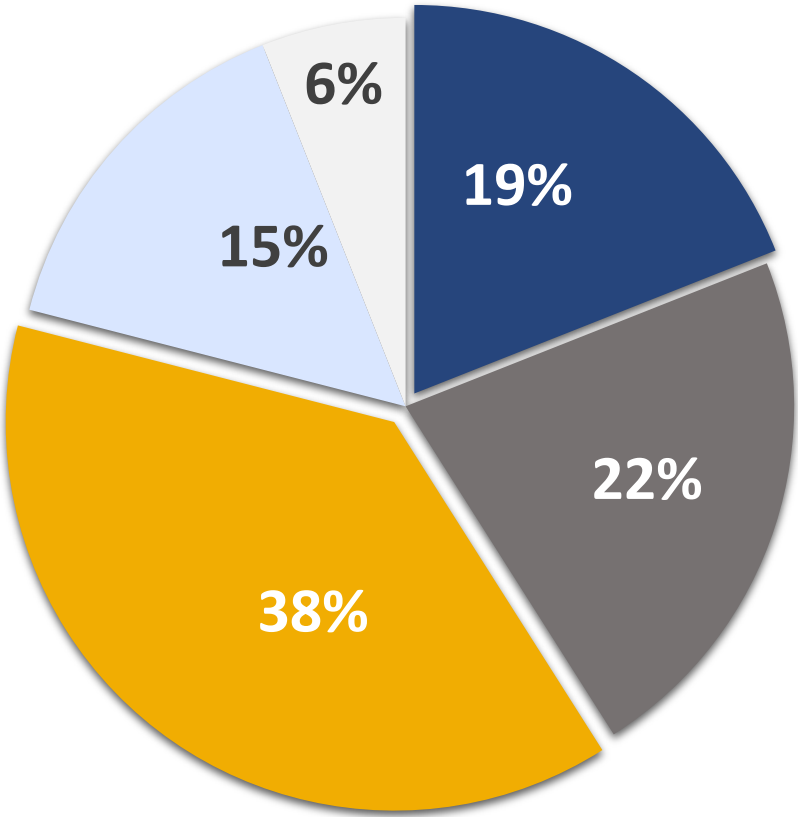
## Challenge

New vehicles  
emerge  
and revenues  
decline

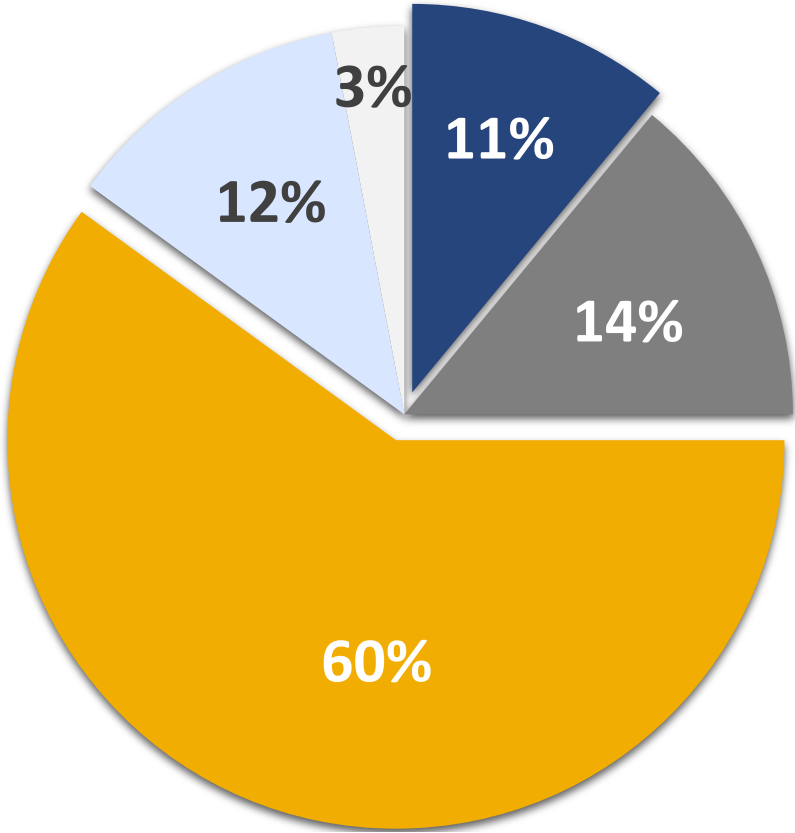


# Transportation Funding is changing

Revenue Mix in **FY2021**



Revenue Projection for **FY2045**



**State Motor Fuel Taxes**

■ Federal Fuel Taxes & Fees

■ **State Sales Tax**

■ State Driver & Vehicle Fees

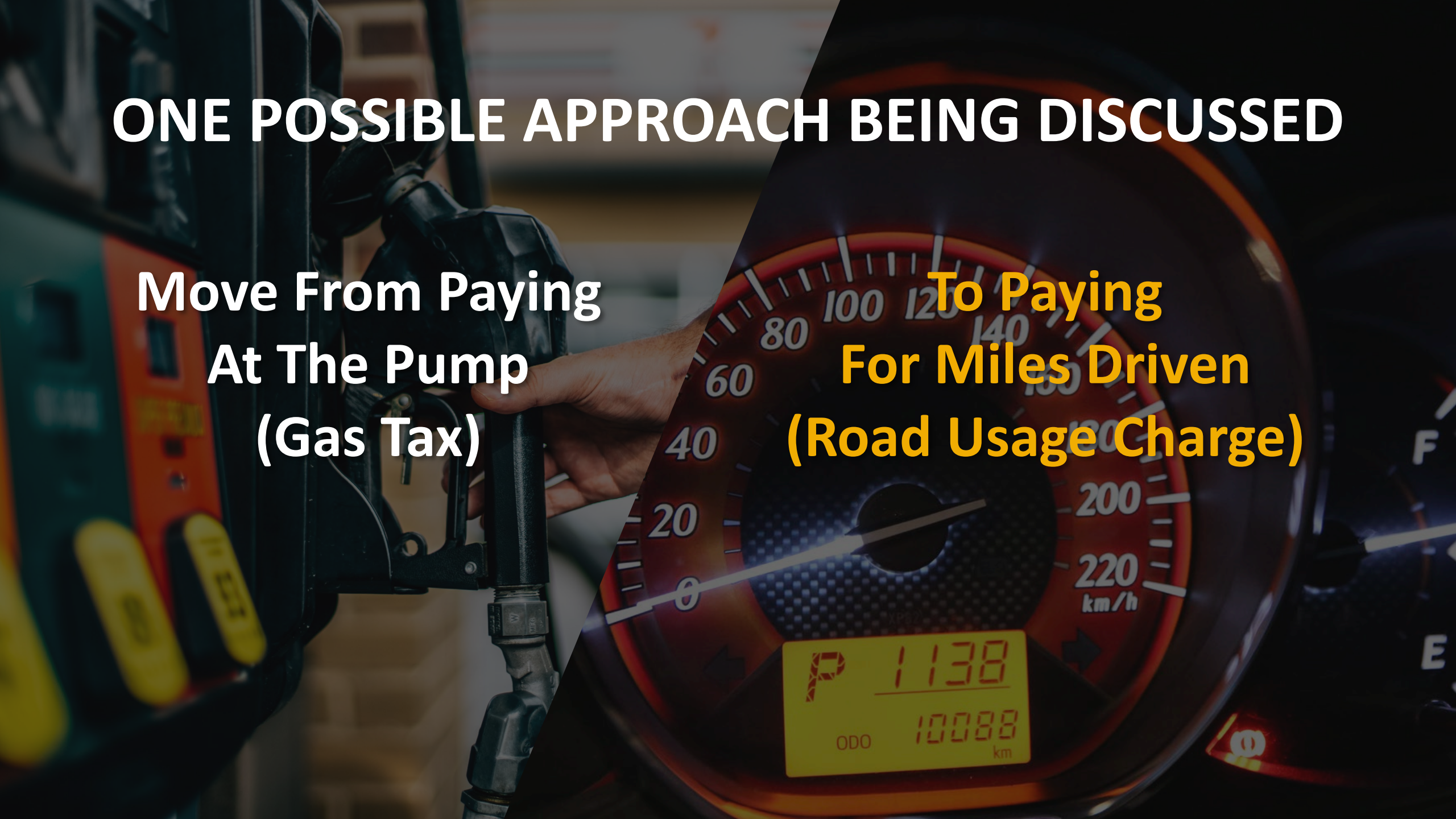
■ Local Construction



# ONE POSSIBLE APPROACH BEING DISCUSSED

Move From Paying  
At The Pump  
(Gas Tax)

To Paying  
For Miles Driven  
(Road Usage Charge)



# ▶ Adding a Midwest perspective



**Rural Communities**



**Agriculture  
Industry**



**Commercial Trucking**



# Midwest Road Use Charge Study



## Outreach

Focus on Rural Communities,  
Agricultural & Freight Industries

- Community outreach & education starts early in the process
- Hands-on workshops & industry conversations



### Phase 1

September 2021 – March 2022



## Design #1

Volunteer-driven Research

- Explore options to report miles driven with resident volunteers
- Summarize research findings
- Recruit volunteers for pilot



### Phase 2

March 2022 – March 2023



## Test

Demonstration Pilots

- Test ways to report miles driven with Kansas volunteers
- Partner with Minnesota DOT to expand the study reach



### Phase 3


March 2023 – March 2024

*\*Final report anticipated October 2024*



**How to  
participate**

**Contact:  
Joel Skelley  
KDOT, Director of Policy  
785.296.3585  
Joel.Skelley@ks.gov**



More at: [www.ksdot.org](http://www.ksdot.org)

# CHARGE UP KANSAS

**Volkswagen  
Settlement  
Project**

**\$2 Million in funds available  
Seeking utility, vendor, municipal partners  
RFI out NOW**





# HomeField Advantage

HEARTLAND CONFERENCE

**OCTOBER**

**15**  
2021

KANSAS STATE  
UNIVERSITY

MANHATTAN, KS

- ▶ Sponsored by KDOT, KS Department of Agriculture and 10 MAASTO states
- ▶ Intersection of transportation, agriculture and technology
- ▶ Public and private sector leaders
- ▶ Drive down the cost of transporting agriculture products, expand economic opportunities, diversify crops and improve soil health

[ksdotike.org/homefield](https://ksdotike.org/homefield)



	Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Engineer Score (50 pts)	Economic Score (25 pts)
★ →	833	<b>I-35 Johnson County:</b> I-35/Moonlight/183rd St. Interchange in Gardner	Interchange	NA	\$37	17	22
★★★★★	832	<b>I-35 Johnson County:</b> Old US-56 to 119th St	Reconstruct & Add Lanes	4	\$74	47	25
	122	<b>I-70 Shawnee County:</b> 4 <sup>th</sup> St. to California St.	6-lane freeway	2	\$147	34	5
→	818	<b>I-70 Wyandotte County:</b> I-70/K-7 Interchange†	Interchange	NA	\$42	42	19
→ → →	808	<b>I-435/I-35/K-10 Johnson County:</b> Gateway Project Phase 2	Reconstruct & Add Lanes	10	\$504	46	17
→	811	<b>I-435 Wyandotte County:</b> I-435/State Avenue Interchange just north of I-70	Diverging Diamond Interchange	NA	\$24	27	13
★★	807	<b>I-435 Wyandotte County:</b> I-435/Parallel Parkway Interchange	Interchange	NA	\$17	20	12
	134	<b>US-24 Shawnee County:</b> Silver Lake to Topeka	4-lane expressway	7	\$44	11	6
★★	114	<b>US-40/K-10 Douglas County:</b> Lawrence to Johnson County Line†	6-lane freeway	7	\$125	48	16
	130	<b>K-4 Shawnee County:</b> Kansas River Bridge, North to Jefferson County Line	4-lane freeway	3	\$31M	22	21
→ ★★★★★	823	<b>K-10 Johnson County:</b> K-7 to I-435	8-lane freeway	4	\$223 <sup>v</sup>	48	14

Projects presented in 2019; not scored this year	
<b>I-35 Wyandotte County:</b> I-35 & Lamar Interchange - Low engineering need, added project in Wyandotte County with more interest	Reconstruct Interchange



Identified as a **high** priority



Identified as a **medium** priority



*No priorities received*

Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Engineer Score (50 pts)	Economic Score (25 pts)
165	<b>US-24 Pottawatomie County:</b> US-24/Flush Rd. Interchange†	Interchange	NA	\$20	20	5
136	<b>US-75 Osage County:</b> Lyndon to Carbondale	4-lane freeway	12	\$158	39	6

Projects presented in 2019; not scored this year	
<b>US-24 Pottawatomie County:</b> Wamego to St. Marys – specific location not feasible	Passing Lanes
<b>US-75 Brown County:</b> 3.2 miles north of K-20, north 5.5 miles - Project moved to Strategic Safety Improvement program and is being addressed	Passing lanes
<b>US-75 Brown County:</b> K-20 to US-36 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
<b>US-75 Jackson County:</b> 7.9 miles north of K-16, north 1.8 miles - Project moved to Strategic Safety Improvement program and is being addressed	Passing lanes
<b>US-75 Jackson County:</b> Holton to K-20 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
<b>K-4 Jefferson County:</b> Shawnee/Jefferson Co Line, NE to 54th Street - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	2-lanes on 4-lane ROW
<b>K-4 Jefferson County:</b> 54th St. to Meriden - Kansas River Potion (Project 130 Urban Expansion) would need to be programmed first	4-lane expressway
<b>TBD Leavenworth County:</b> I-70 south to K-10 - \$420M project at 7 miles, rescore in 2023	New Outer Loop





	Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Engineer Score (80 pts)
→ ★ ★ ★ ★ ★	178	<b>I-35 Johnson County:</b> I-35/Santa Fe Interchange in Olathe†	Interchange reconstruction	NA	\$40	44
→ ★ ★ ★ ★	852	<b>I-35 Johnson County:</b> I-35/US-56 Interchange	Interchange reconstruction	NA	\$20	51
→ ★ ★ ★ ★	865	<b>I-35 Johnson County:</b> I-35 / Gardner Rd Interchange†	Interchange reconstruction	NA	\$32	55
→ ★ ★ ★	863	<b>I-70 Wyandotte County:</b> Lewis & Clark Viaduct†	Interchange reconstruction	NA	\$79	36
→ ★ ★ ★	862	<b>I-70/US-69 Wyandotte County:</b> I-70/18 <sup>th</sup> St. Interchange†	Interchange reconstruction	NA	\$31	54
→ ★	158	<b>US-56 Douglas County:</b> Osage County Line East to US-56/59 Jct.	Reconstruct	13	\$46	77
→ ★ ★	153	<b>US-56 Osage County:</b> US-75 East to the Douglas County Line	Reconstruct	10	\$36	78
→ ★ ★	856	<b>K-5 Leavenworth/Wyandotte County:</b> US-73 to I-435/Wolcott Interchange	Construct new alignment	7	\$23	63
→ ★	861	<b>K-7 Johnson County:</b> K-7/Shawnee Mission Pkwy (67 <sup>th</sup> St.) Interchange†	Interchange reconstruction	NA	\$25	29
→ ★	157	<b>K-16 Jackson County:</b> Holton to K-16/116 Jct.	Reconstruct	2	\$8	75
→ ★	188	<b>K-16 Jackson County:</b> 3 miles West of Holton to Holton†	Reconstruct	3	\$11	80
→ ★	184	<b>K-33 Douglas County:</b> Franklin County Line to US-56†	Reconstruct	2	\$6	35
	151	<b>K-99 Wabaunsee County:</b> 6 miles North of I-70, North to the Pottawatomie County Line	Reconstruct	3	\$18	53
	159	<b>Pottawatomie County:</b> Marlatt/Junietta Link with new Blue River Bridge	Reconstruct	6	\$20	42

Identified as a **high** priorityIdentified as a **medium** priority

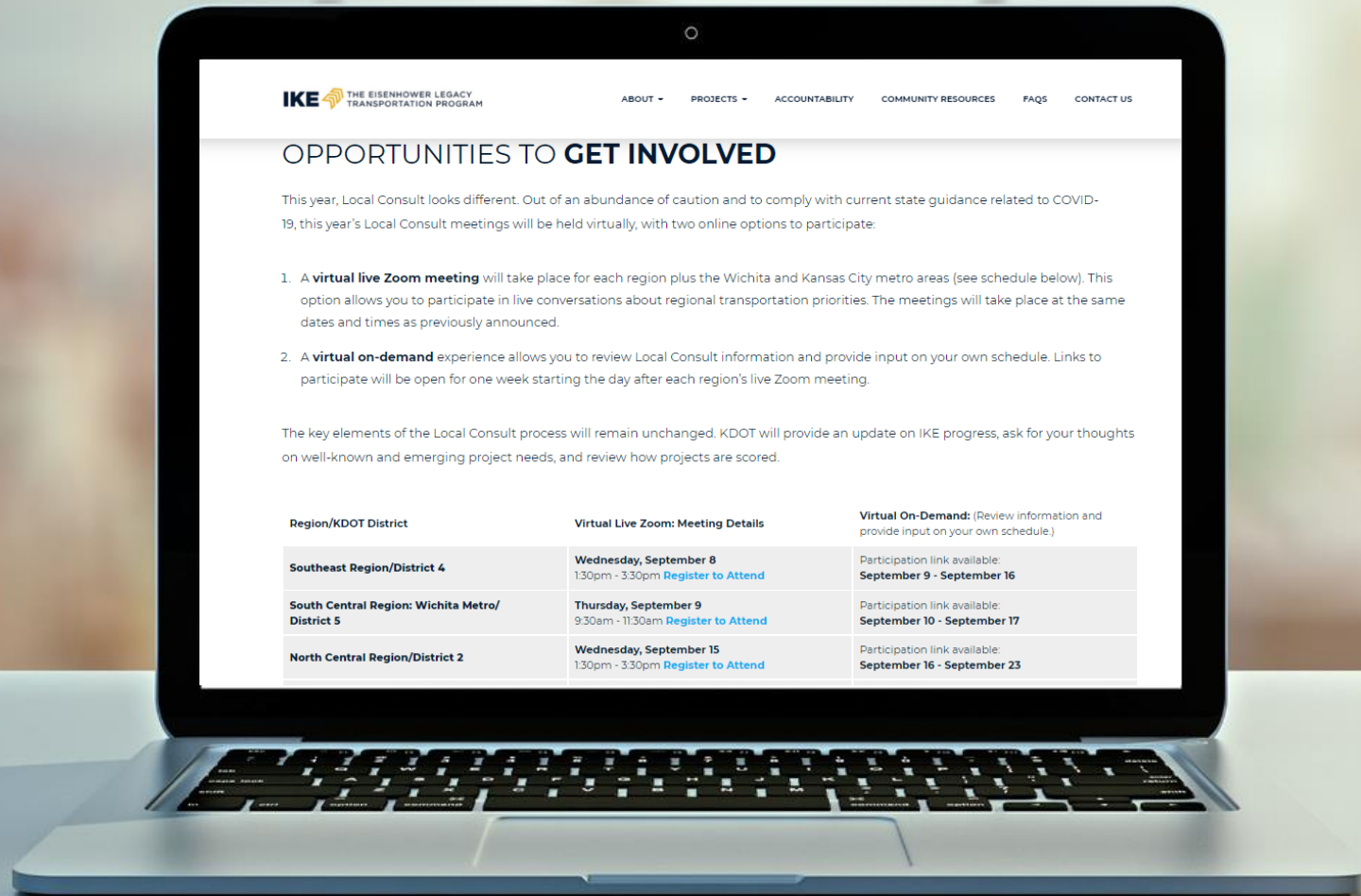
## Projects presented in 2019; not scored this year

**K-20 Brown County:** US-75 to Horton – Low engineering need and low traffic counts.

Reconstruct

# ON DEMAND LOCAL CONSULT:

## ksdotike.org/projects/local-consult-process



ABOUT PROJECTS ACCOUNTABILITY COMMUNITY RESOURCES FAQs CONTACT US

### OPPORTUNITIES TO GET INVOLVED

This year, Local Consult looks different. Out of an abundance of caution and to comply with current state guidance related to COVID-19, this year's Local Consult meetings will be held virtually, with two online options to participate:

1. A **virtual live Zoom meeting** will take place for each region plus the Wichita and Kansas City metro areas (see schedule below). This option allows you to participate in live conversations about regional transportation priorities. The meetings will take place at the same dates and times as previously announced.
2. A **virtual on-demand** experience allows you to review Local Consult information and provide input on your own schedule. Links to participate will be open for one week starting the day after each region's live Zoom meeting.

The key elements of the Local Consult process will remain unchanged. KDOT will provide an update on IKE progress, ask for your thoughts on well-known and emerging project needs, and review how projects are scored.

Region/KDOT District	Virtual Live Zoom: Meeting Details	Virtual On-Demand: (Review information and provide input on your own schedule.)
Southeast Region/District 4	Wednesday, September 8 1:30pm - 3:30pm <a href="#">Register to Attend</a>	Participation link available: <b>September 9 - September 16</b>
South Central Region: Wichita Metro/ District 5	Thursday, September 9 9:30am - 11:30am <a href="#">Register to Attend</a>	Participation link available: <b>September 10 - September 17</b>
North Central Region/District 2	Wednesday, September 15 1:30pm - 3:30pm <a href="#">Register to Attend</a>	Participation link available: <b>September 16 - September 23</b>



**REMINDER**

**TAKE THE POST MEETING  
👍 SURVEY**

**THANK YOU!**



**Development Pipeline announcement later in 2021**



**YOU SPEAK  
KDOT LISTENS  
TOGETHER, WE WORK**

**[www.ksdotike.org](http://www.ksdotike.org)**