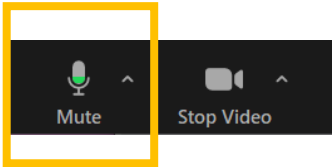
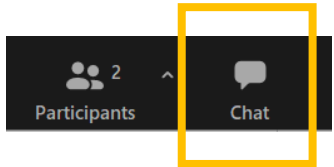


WELCOME

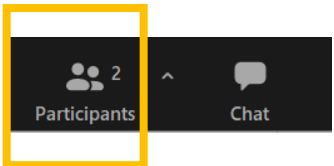
We'll get started shortly!



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



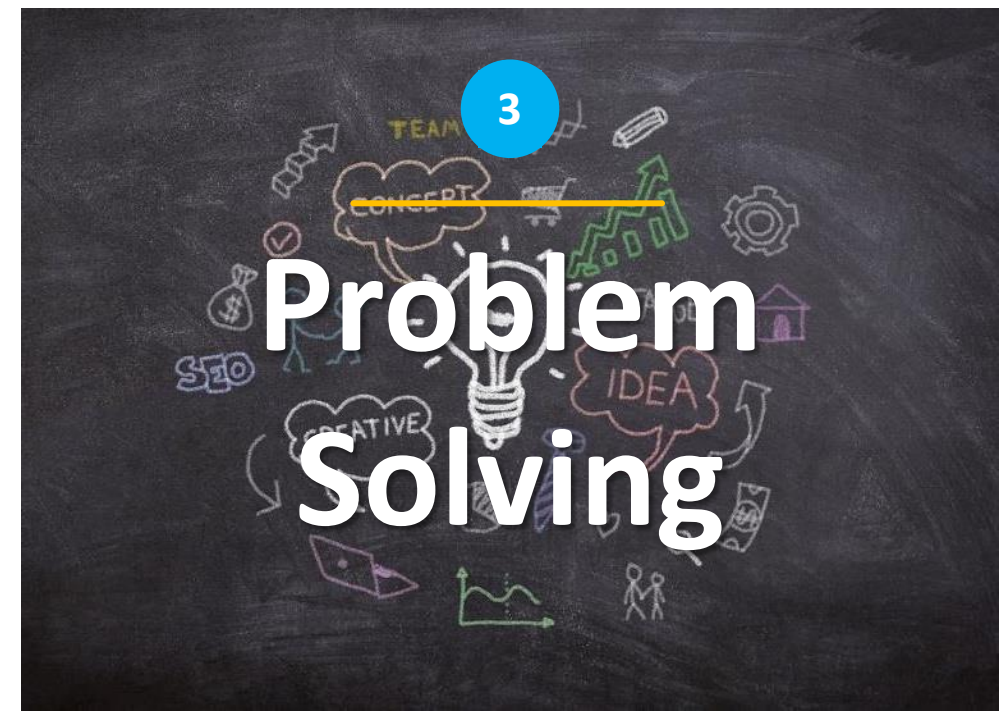
1

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



1st 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

DISTRICT 1

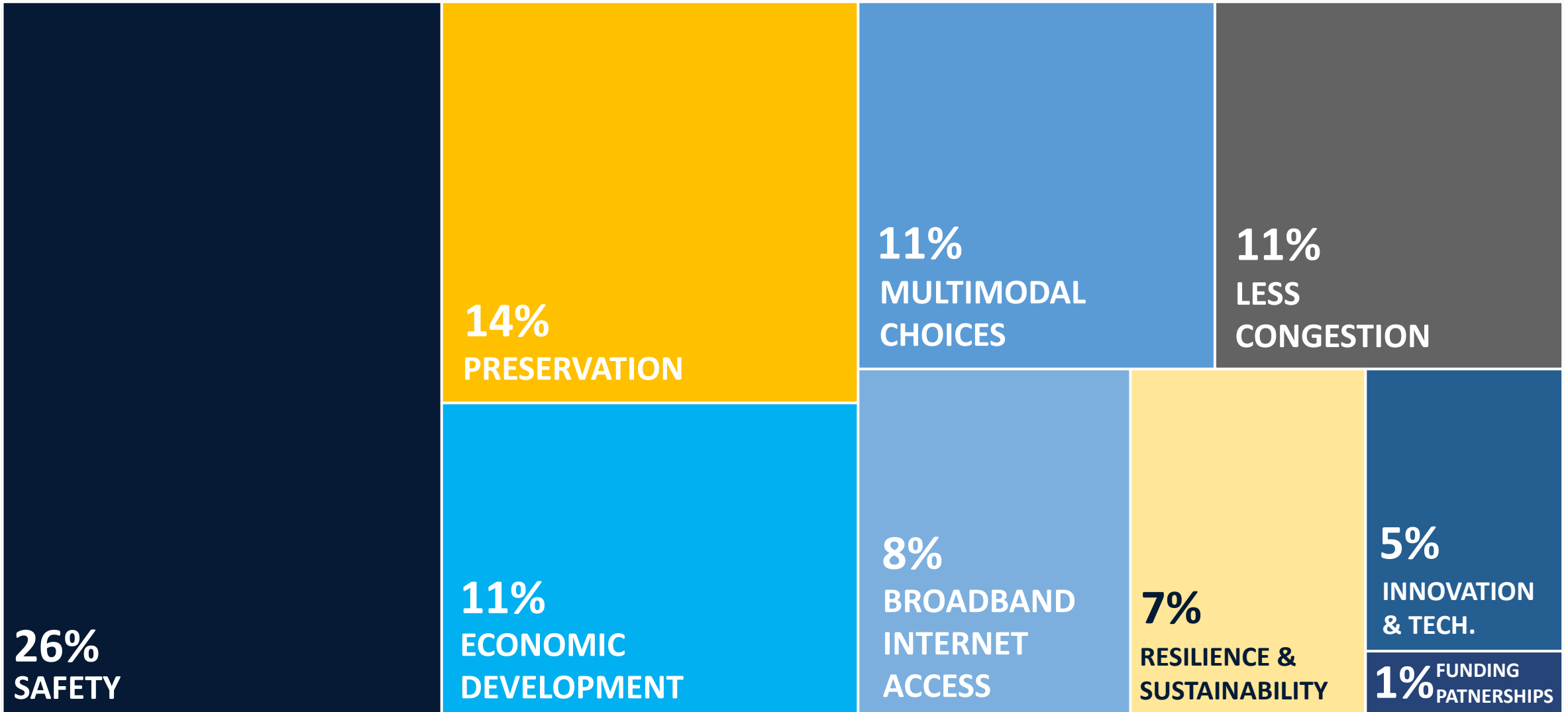
Nearly 2,000 Kansans
responded to the survey with
more than 350 from District 1.



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?



*Comments about safety on **highways** and **local roads** as well as for **cyclists** and **pedestrians**.*

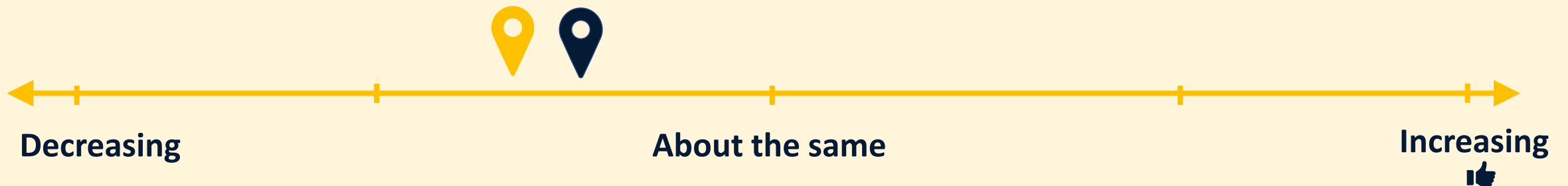
Let's talk about your region.

DISTRICT 1 WHAT'S CHANGING

■ District 1

■ Statewide

How is PAVEMENT CONDITION changing?



*“While I realize that funding is always an issue, the serious **deterioration** of many of our interstate and other highways and streets is becoming an **increasing problem**. There are certain areas I won't drive to because of horrible roads. I have driven out of my way to avoid certain roads and streets.”*

Let's talk about your region.

DISTRICT 1 WHAT'S CHANGING

- District 1
- Statewide

How is PUBLIC TRANSPORTATION changing?



How is ACTIVE TRANSPORTION changing?



“More focus on **alternatives** (such as bike, ped, and transit) would attract a **better workforce** and **employers**.”

“It has been obvious from our COVID experience that public transit is an **extremely value service** to our community. Service employees were able to **stay employed** and **businesses stay open** as a result of the service. Invest in transit.”



2000+

KANSANS

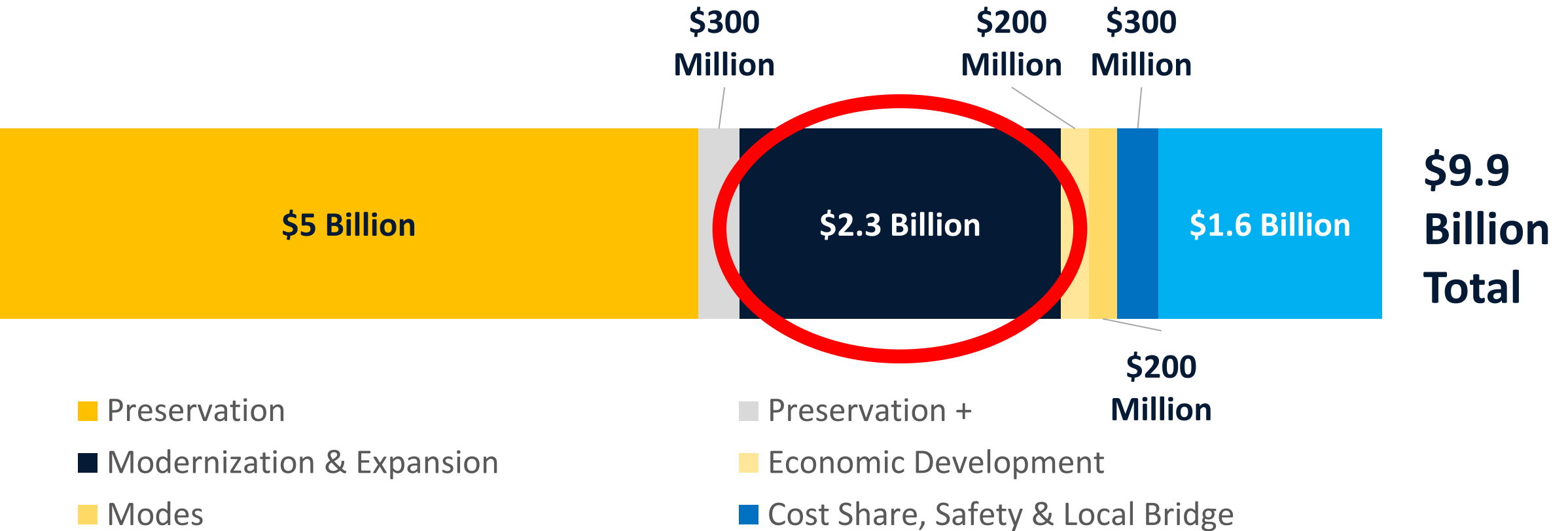




New IKE program serves today & tomorrow's needs

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

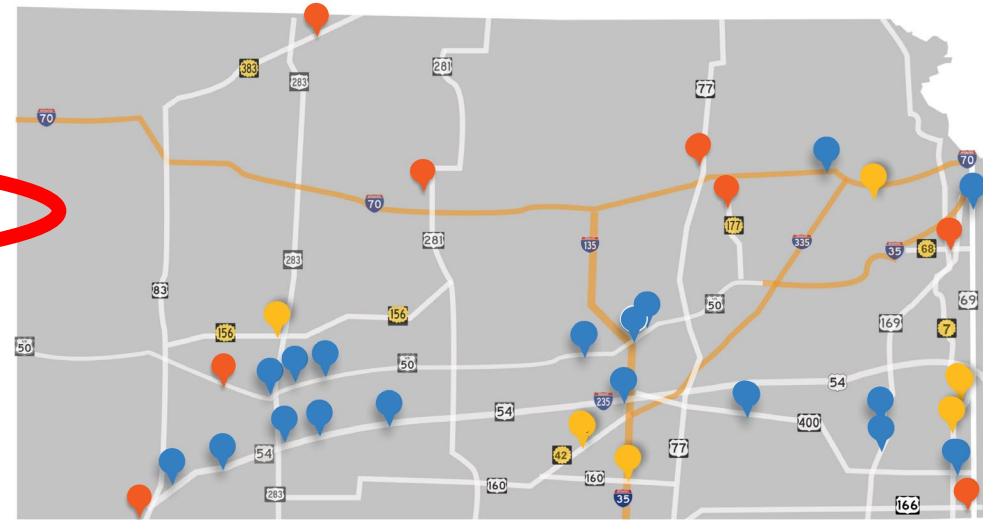
Estimated IKE investments over 10 years and today's focus



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

Estimated minimum investments by district

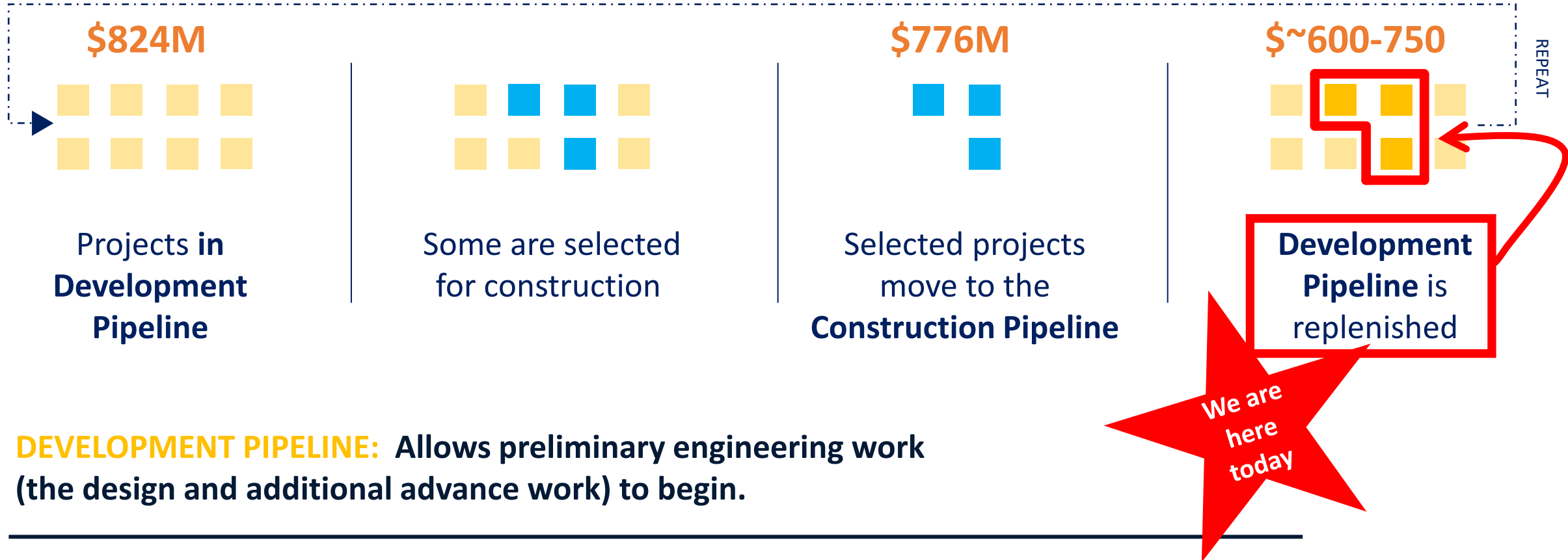
	Modernization & Expansion	Preservation Spending	TOTAL
DISTRICT 1	\$500 Million	\$1.3 Billion	\$1.8 Billion
DISTRICT 2	\$70 Million	\$600 Million	\$670 Million
DISTRICT 3	\$50 Million	\$700 Million	\$750 Million
DISTRICT 4	\$100 Million	\$550 Million	\$650 Million
DISTRICT 5	\$300 Million	\$800 Million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





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

URBAN EXPANSION



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: 4th 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	\$33M	●	●	○	○	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.	

System Compositions & Usage by Region						
	Northeast	North Central	Northwest	Southeast	South Central	Southwest
Current Population (2018)	48%	7%	3%	9%	28%	5%
Population Projection (2044)	55%	6%	2%	7%	26%	4%
State Highway Miles	19%	16%	16%	16%	19%	15%
Total Roadway Miles	16%	16%	17%	15%	23%	14%
Daily Vehicle Miles Traveled SHS	39%	11%	8%	12%	23%	6%
Daily Truck Miles Traveled on SHS	26%	15%	14%	13%	21%	11%
Daily Vehicle Miles Traveled All Roads	42%	10%	6%	10%	26%	6%

County Line			
159	Pottawatomie County: Marietta/Jurietta Link with new Blue River Bridge	Reconstruct	6 \$20

*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 Wabaussee 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.

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
				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: 15/34; Operations: 29/46				44				
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				
●	●	●	●	75				Rescoped – Project from 2019 was split into two projects #157 and #188
●	●	●	●	80				
○	○	○	○	35				
○	●	●	●	53		✓		
○	●	○	●	42				

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







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

				
		Preservation +	Modernization	Expansion
		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

$$\begin{array}{c} \text{50\% of} \\ \text{Score} \end{array} \rightarrow \left(\begin{array}{c} \text{Impact to Gross} \\ \text{Regional Product} \\ + \\ \text{Impact to Traveler} \\ \text{Personal Time} \end{array} \right) \div \text{Cost}$$
$$\begin{array}{c} \text{50\% of} \\ \text{Score} \end{array} \rightarrow \left(\begin{array}{c} \text{Impact to Gross} \\ \text{Regional Product} \\ + \\ \text{Impact to Traveler} \\ \text{Personal Time} \end{array} \right)$$

2021

$$\left(\begin{array}{c} \text{Impact to Gross} \\ \text{Regional Product} \end{array} + \begin{array}{c} \text{Impact to Traveler} \\ \text{Personal Time} \end{array} \right) \div \text{Cost}$$

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., US-75 in Osage County)
- Scoring methodology updates to reflect feedback
- New projects added to the list

2019 Local Consult Project Lists

[illegible]

1

**Projects moved
to development
or construction
pipelines**

2

Projects on the list for 2021 Local Consult discussion

3

**New projects
or new
scopes added
for discussion**

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

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

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 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
101 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
102 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
103 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
104 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
105 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
106 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
107 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
108 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
109 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
110 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
111 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
112 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
113 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
114 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
115 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
116 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
117 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
118 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
119 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
120 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High

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
121 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
122 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
123 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
124 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
125 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
126 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
127 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
128 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
129 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
130 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
131 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
132 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
133 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
134 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
135 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
136 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
137 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
138 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
139 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
140 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High

K-92 Leavenworth County: Centennial Bridge	New Bridge
---------------------------------------------------	------------

I-35 Johnson County: 119 th 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

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
141 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
142 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
143 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
144 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
145 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
146 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
147 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
148 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
149 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
150 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
151 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
152 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
153 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
154 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
155 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
156 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
157 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
158 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
159 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High
160 Johnson County: US-40 (6th St) south and east to US-59	High	High	High	High

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	I-35 Johnson County: I-35/Moonlight/183rd St. Interchange in Johnson County	Interchange	NA	\$37	Safety: 4/21; Operations: 13/29				17	●	●	22				Deteriorating condition – needs 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 th 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/K-10 Johnson County: Gateway Project Phase 2	Reconstruct & Add Lanes	10	\$504	●	●	●	●								
811	I-435 Wyandotte County: I-435/State Avenue Interchange just north of I-70	Diverging Diamond Interchange	NA	\$24	●	●	●	●								
134	US-56 Shawnee County: Silver Lake to Topeka	4-lane expressway	7	\$44	○	○	○	○								
114	US-40/K-10 Douglas County: Lawrence to Johnson County Line	6-lane freeway	7	\$125	●	●	●	○								
120	K-4 Shawnee County: Kansas River Bridge, Johnson County Line	4-lane freeway	3	\$91M	●	●	●	○								
823	K-10 Johnson County: K-7 to I-435	8-lane freeway			●	●	●	○								

District 1 2021 Project Scores – Rural Expansion

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

134	US-75 Osage County: Silver Lake to Topeka	4-lane expressway	7	\$44	●	●	●	●								
135	US-40/K-10 Dewey County: Lawrence to Johnson County Line†	6-lane freeway	7	\$125	●	●	●	●								
130	K-4 Shawnee County: Kamas River Bridge to Jefferson County Line	4-lane freeway	8	\$21M												
823	K-10 Johnson County: K-7 to I-435	3-lane freeway														
†New project not presented in 2019. New projects came from statewide passing lane review or from KDOT District staff.																
*Updated cost estimate																
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				
136	US-75 Osage County: Lyndon to Carbondale	4-lane freeway	12	\$158	●	●	●	●	39	○	○	6		✓		Scope changed from passing lanes to 4-lane freeway, because passing lanes weren't practical in this location

*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		
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 & Lenexa 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.

2019 Projects Selected for the Development or Construction Pipeline

K-92 Leavenworth County: Centennial Bridge New Bridge

Projects presented in 2019; not scored this year	
US-24 Pottawatomie County: Wamego to St. Marys – specific location not feasible	Passing Lanes
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	Passing lanes
US-75 Brown County: K-20 to US-36 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
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	Passing lanes
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 Potom (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 Potom (Project 130 Urban Expansion) would need to be programmed first	4-lane expressway
TBD Leavenworth County: I-70 south to K-10 - 5420M 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.

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

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

RURAL EXPANSION

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

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

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 (80 pts)	Local Input (20 pts)	Route Continuity	Previous Investment	Considerations
178	I-35 Johnson County: I-35/Santa Fe Interchange in Olathe†	Interchange reconstruction	NA	\$40	●	●	●	●	44				New modernization project since 2019. This interchange was previously part of the Urban Expansion project #832. The two projects could be done separately or together.
852	I-35 Johnson County: I-35/US-56 Interchange	Interchange reconstruction	NA	\$20	●	●	●	●	51				
865	I-35 Johnson County: I-35 / Gardner Rd Interchange†	Interchange reconstruction	NA	\$32	●	●	●	●	55			✓	
863	I-70 Wyandotte County: Lewis & Clark Viaduct†	Interchange reconstruction	NA	\$79	●	●	●	●	36				
862	I-70/US-69 Wyandotte County: I-70/18 th St. Interchange†	Interchange reconstruction	NA	\$31	●	●	●	●	54				
158	US-56 Douglas County: Osage County Line East to US-56/59 Jct.	Reconstruct	13	\$46	●	●	●	●	77		✓		
153	US-56 Osage County: US-75 East to the Douglas County Line	Reconstruct	10	\$36	●	●	●	●	78				
856	K-5 Leavenworth/Wyandotte County: US-73 to I-435/Wolcott Interchange	Construct new alignment	7	\$23	●	●	○	●	63				
861	K-7 Johnson County: K-7/Shawnee Mission Pkwy (6 th St.) Interchange†	Interchange reconstruction	NA	\$25	●	●	●	●	29				
157	K-16 Jackson County: Holton to K-16/116 Jct.	Reconstruct	2	\$8	●	●	●	●	75				Rescored – Project from 2019 was split into two projects #157 and #188
156	K-16 Jackson County: 3 miles West of Holton to Holton†	Reconstruct	3	\$11	●	●	●	●	80				
154	K-31 Douglas County: Franklin County Line to US-56†	Reconstruct	2	\$6	●	●	○	●	35				
151	K-9 Shawnee County: 6 miles North of I-70, North to the Pottawatomie County	Reconstruct	3	\$18	○	●	●	●	53		✓		
159	Pottawatomie County: 64th/Juniata Link with new Blue River Bridge	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		
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 need 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** – 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

I-35 Wyandotte County: I-35 & Lamar Interchange - **Low engineering need, added project in Wyandotte County with more interest**

Reconstruct Interchange

US-24 Pottawatomie County: Wamego to St. Marys – **specific location not feasible**

Passing Lanes

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**

Passing lanes

US-75 Brown County: K-20 to US-36 - **constructing passing lanes to improve corridor, re-evaluate once complete**

4-lane expressway

US-75 Jackson County: 7.9 miles north of K-16, north 1.8 miles - **Project moved to Strategic Safety Improvement program and is being addressed**

Passing lanes

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

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

Reconstruct

District 1 2021 Project Scores – Urban Expansion

Legend: High NeedScore Medium NeedScore Low NeedScore

URBAN EXPANSION

Project	Project Description	Location	Length (mi)	Estimated Cost (\$M)	NeedScore	Engineering Score	Other Score	Overall Score	Notes
130	I-35 & Lamar Interchange	Wyandotte County	0.5	100	Low	High	High	High	Low engineering need, added project in Wyandotte County with more interest

District 1 2021 Project Scores – Rural Expansion

Legend: High NeedScore Medium NeedScore Low NeedScore

RURAL EXPANSION

Project	Project Description	Location	Length (mi)	Estimated Cost (\$M)	NeedScore	Engineering Score	Other Score	Overall Score	Notes
24	Wamego to St. Marys	Pottawatomie County	10	100	Low	High	High	High	specific location not feasible

District 1 2021 Project Scores – Modernization

Legend: High NeedScore Medium NeedScore Low NeedScore

MODERNIZATION

Project	Project Description	Location	Length (mi)	Estimated Cost (\$M)	NeedScore	Engineering Score	Other Score	Overall Score	Notes
130	Kansas River Potion	Jefferson County	10	420	High	High	High	High	would need to be programmed first

2021 Update Summary: District 1 List

- 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

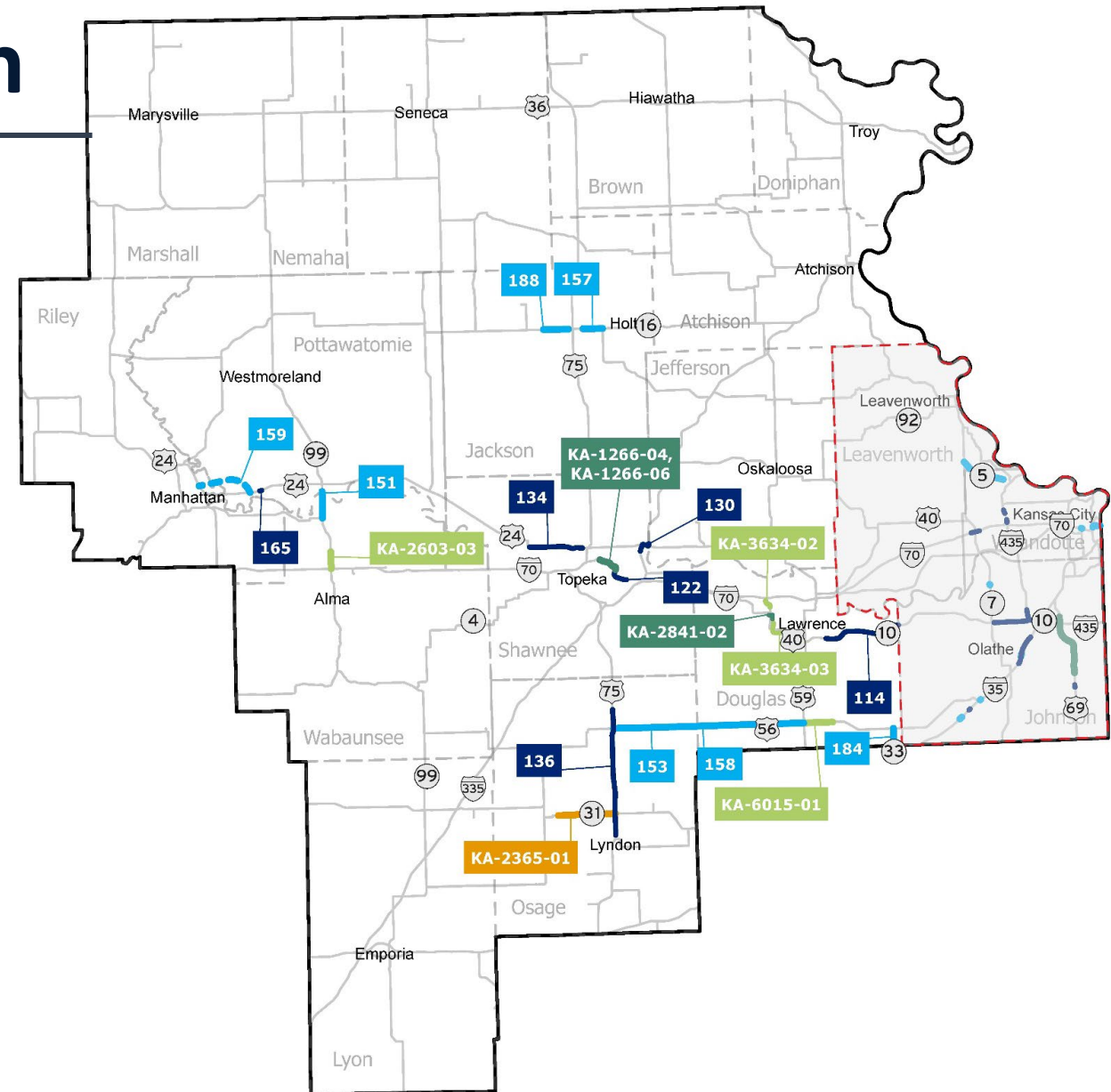
Because no formula or score is perfect,

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

- **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



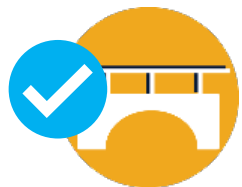
BROADBAND
\$5 Million



COST SHARE
38 Projects | \$21.7 Million



INNOVATION TECH
5 Projects | \$1.3 Million



LOCAL BRIDGE
30 counties/ | \$5.1 Million
cities



DRIVER'S ED
Nearly 1000 students enrolled



SHORT-LINE RAIL
13 Projects | \$5 Million

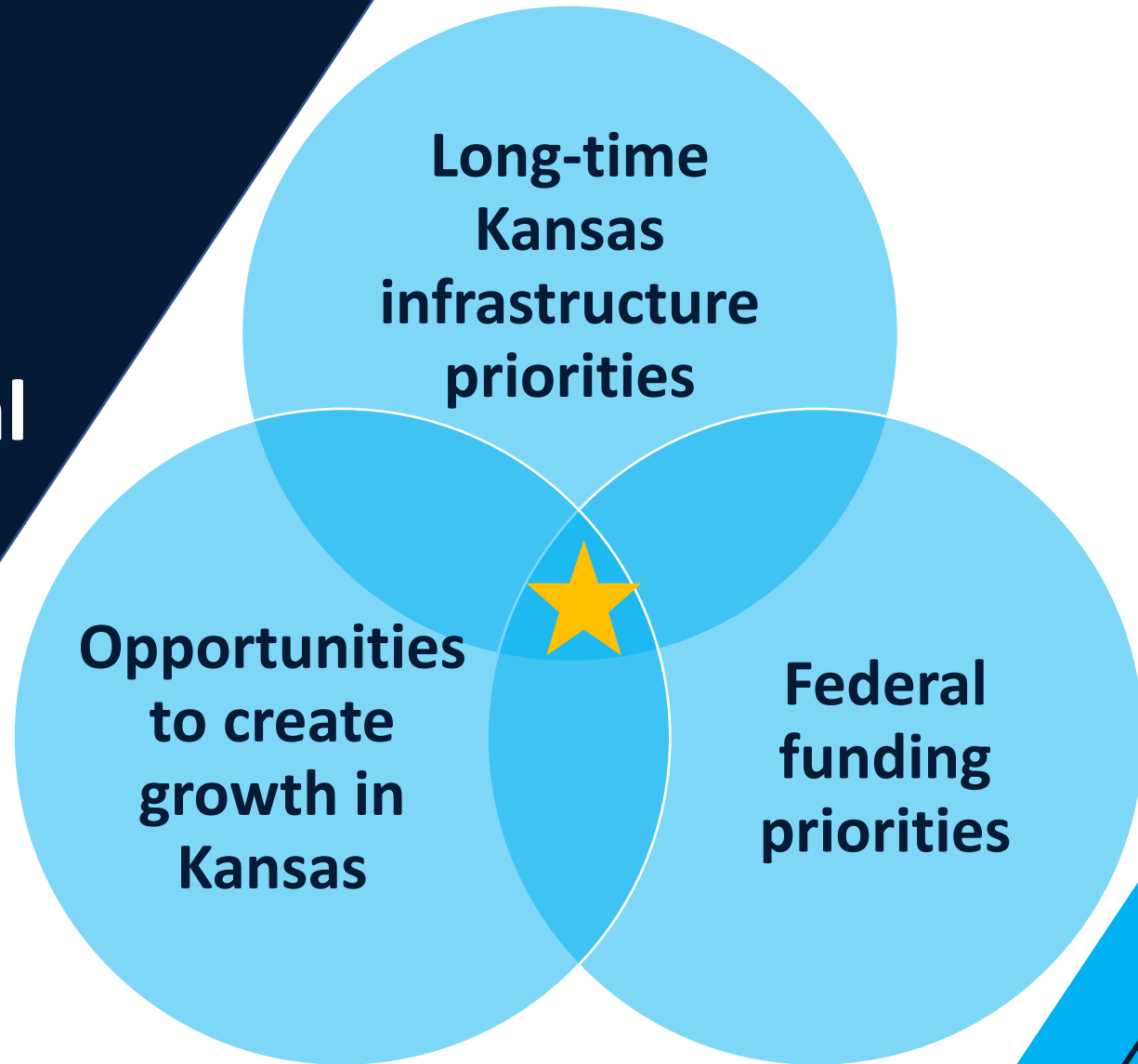


STRATEGIC SAFETY IMPROVEMENTS
1st project to construction in 2020

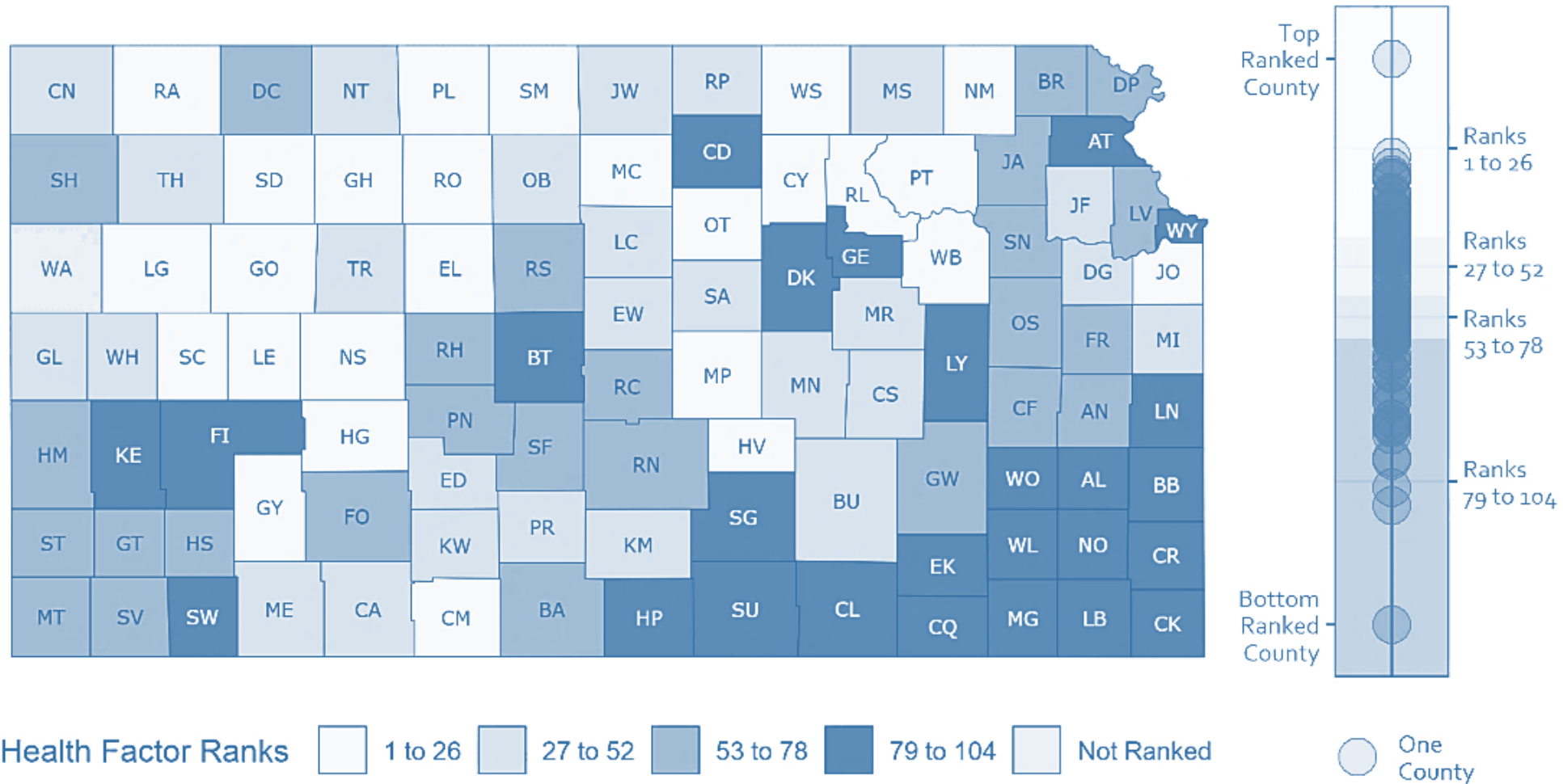


Problem solving ideal

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

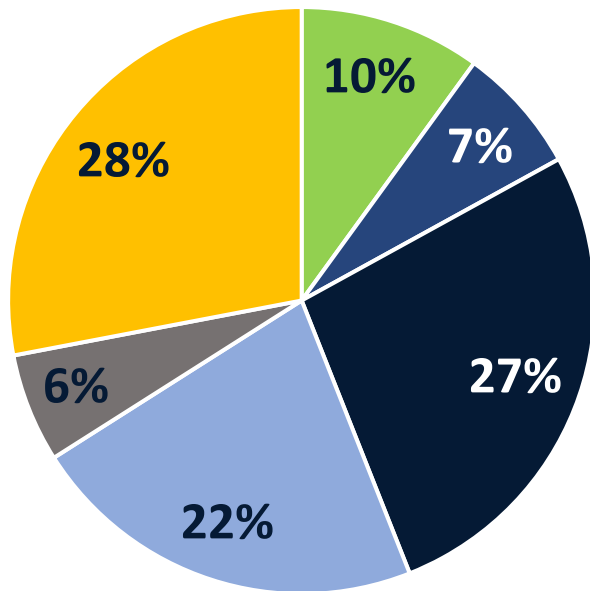


Health rankings show need for Expanded view of equity



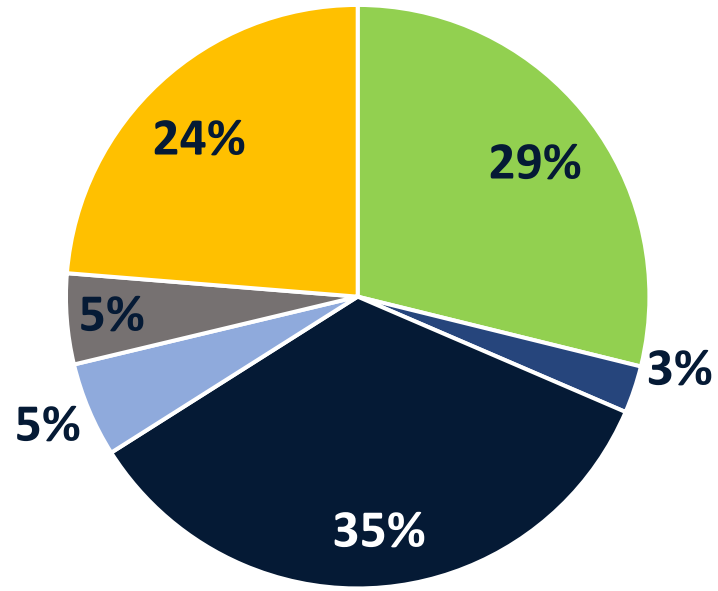
Greenhouse Gas Emissions by Economic Sector

United States

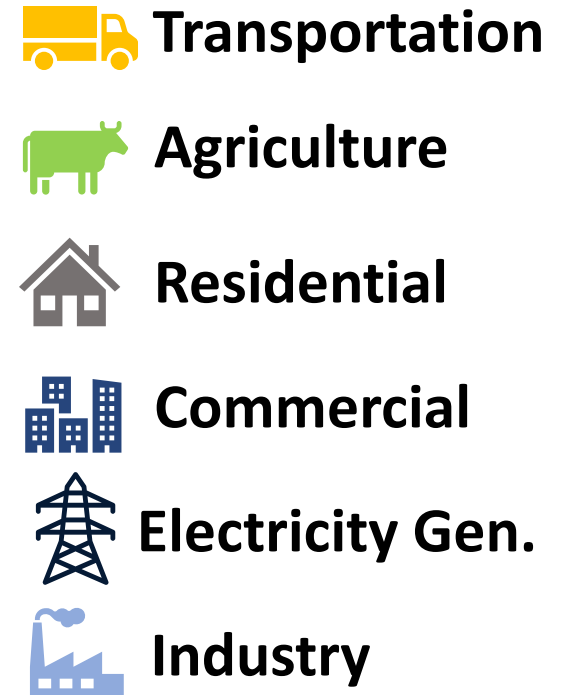


Source: EPA, 2018

Kansas



Source: World Resources Institute, 2014





HEARTLAND OPPORTUNITIES, MARKETS & ENVIRONMENT

Pilot Project



Private Industry response



Forbes WHEELS

GM Plans To Phase Out Gas And Diesel Cars By 2035



Jerry Hirsch
Contributor

Published: Jan 28, 2021

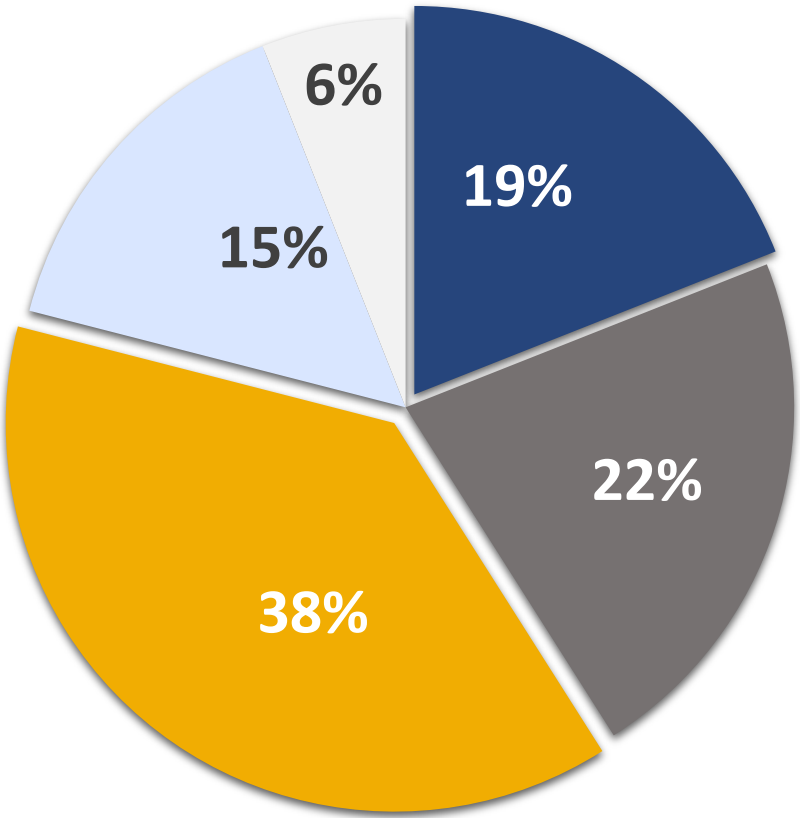
Challenge

New vehicles
emerge
and revenues
decline

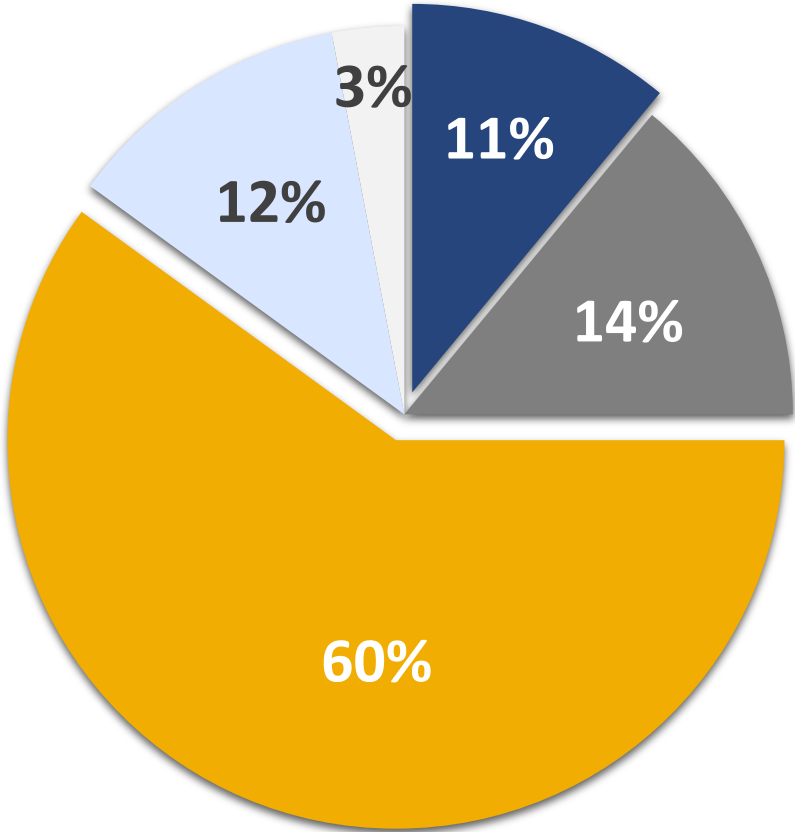


Transportation Funding is changing

Revenue Mix in **FY2021**



Revenue Projection for **FY2045**



State Motor Fuel Taxes

■ Federal Fuel Taxes & Fees

■ **State Sales Tax**

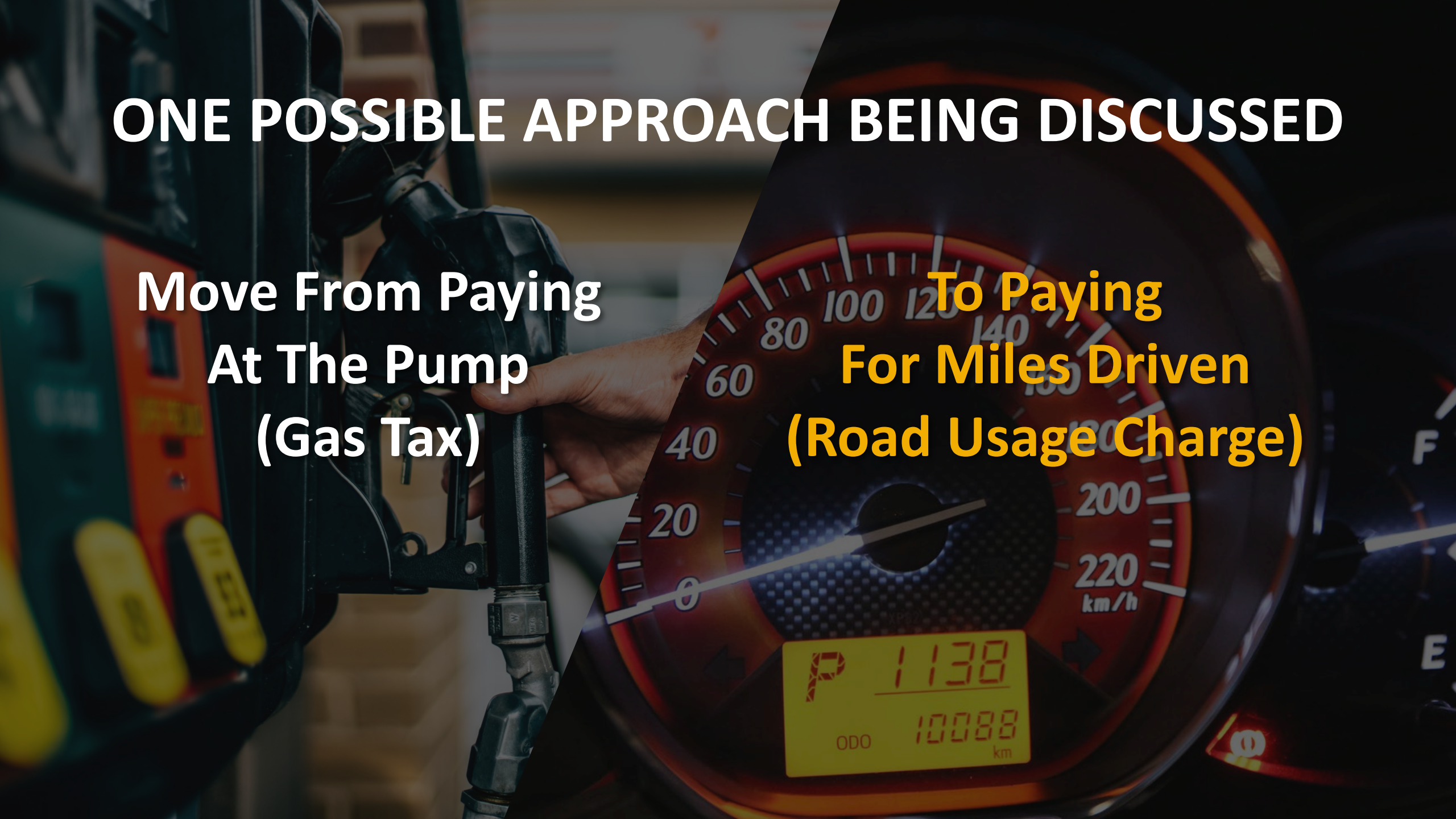
■ State Driver & Vehicle Fees

■ 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

CHARGE UP KANSAS

**Volkswagen
Settlement
Project**

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





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

2021 Local Consult District 1 Projects – Urban Expansion

Small Group Discussions – Results

URBAN EXPANSION



Map ID	Project Description	Scope	Miles	FY-25 Cost \$M	Engineer Score (50 pts)	Economic Score (25 pts)
833	I-35 Johnson County: I-35/Moonlight/183rd St. Interchange in Gardner	Interchange	NA	\$37	17	22
832	I-35 Johnson County: Old US-56 to 119th St	Reconstruct & Add Lanes	4	\$74	47	25
122	I-70 Shawnee County: 4 th St. to California St.	6-lane freeway	2	\$147	34	5
818	I-70 Wyandotte County: I-70/K-7 Interchange†	Interchange	NA	\$42	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	27	13
807	I-435 Wyandotte County: I-435/Parallel Parkway Interchange	Interchange	NA	\$17	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 ^v	48	14

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

2021 Local Consult District 1 Projects – Rural Expansion

Small Group Discussions – Results

RURAL EXPANSION



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

Projects presented in 2019; not scored this year	
US-24 Pottawatomie County: Wamego to St. Marys – specific location not feasible	Passing Lanes
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	Passing lanes
US-75 Brown County: K-20 to US-36 - constructing passing lanes to improve corridor, re-evaluate once complete	4-lane expressway
US-75 Jackson County: 7.9 miles north of K-16, north 1.8 miles - Project moved to Strategic Safety Improvement program and is being addressed	Passing lanes
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

2021 Local Consult District 1 Projects – Modernization

Small Group Discussions – Results

MODERNIZATION



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

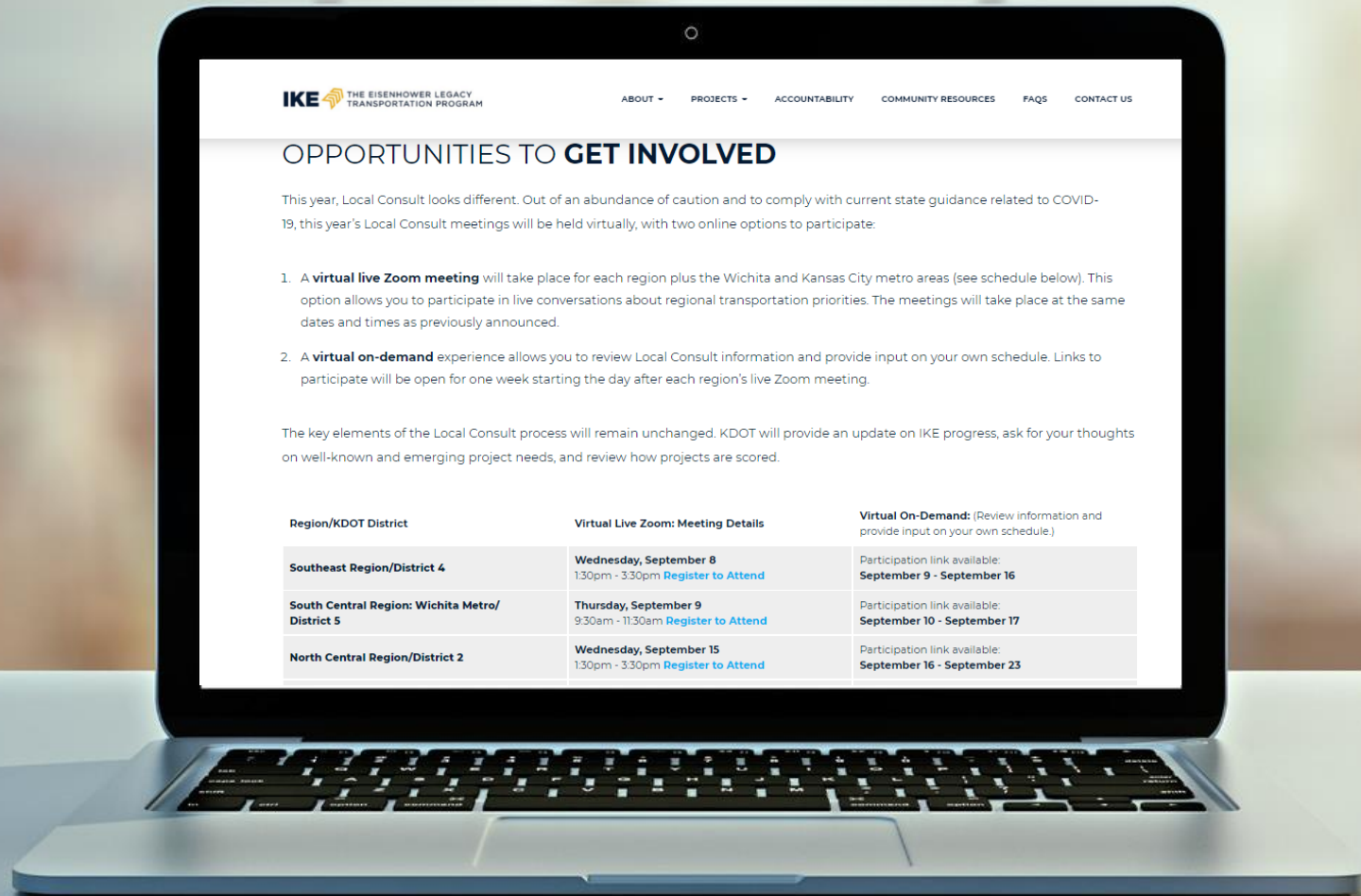
Projects presented in 2019; not scored this year

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 Register to Attend	Participation link available: September 9 - September 16
South Central Region: Wichita Metro/ District 5	Thursday, September 9 9:30am - 11:30am Register to Attend	Participation link available: September 10 - September 17
North Central Region/District 2	Wednesday, September 15 1:30pm - 3:30pm Register to Attend	Participation link available: September 16 - September 23



REMINDER

**TAKE THE POST MEETING
👍 SURVEY**

THANK YOU!



Development Pipeline announcement later in 2021



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

www.ksdotike.org