

# District 3 2021 Project Scores – Modernization

# 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	Geometrics/ Safety	Capacity	Pavement Structure	Pavement Surface	Engineer Score (80 pts)	Local Input (20 pts)	Route Continuity	Previous Investment	Notes
365	<i>US-183Y Ellis County: Bridge #019 located at Jct. US-183Y/I-70†</i>	Interchange Reconstruction	NA	\$19	Safety: 19/34; Operations: 25/46				44				This bridge is currently in poor condition
331	US-281 Russell County: West Jct. K-18 to Luray	Reconstruct	8	\$20	◐	○	◐	○	36		✓		
321	US-281 Russell/Osborne County: Luray North to Osborne	Reconstruct	22	\$53 <sup>Y</sup>	◐	○	◐	○	40				
334	US-281 Smith County: US-36 to Nebraska State Line	Reconstruct	15	\$37	○	○	●	◐	40				
324	K-23 Gove County: Gove City North to Grainfield	Reconstruct	10	\$25	○	○	◐	◐	29				
366	K-23 Sheridan/Gove County: I-70 North to County Rd. 406†	Reconstruct	11	\$27	●	◐	○	○	52		✓		
328	K-25 Logan County: Wichita County Line to Russell Springs	Reconstruct	24	\$60	○	○	◐	◐	29				
327	K-25 Logan/Thomas County: East Jct. US-40 to County Rd. I	Reconstruct	10	\$22	●	◐	◐	◐	56		✓		
340	K-25 Rawlins County: Atwood to Nebraska State Line	Reconstruct	13	\$32	○	○	○	○	22				
330	K-25 Rawlins County: Thomas County Line to Atwood	Reconstruct	16	\$40	◐	◐	◐	○	40				
336	K-25 Thomas County: Colby to Rawlins County Line	Reconstruct	12	\$30	●	◐	○	◐	49		✓		
338	K-27 Wallace County: Greeley County Line North 8 miles	Reconstruct	8	\$19	◐	●	○	◐	47				
339	K-27 Wallace County: Sharon Springs North to Sherman County Line	Reconstruct	16	\$40	●	◐	◐	◐	56				

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

<sup>Y</sup>Updated cost estimate

### 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** – 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.

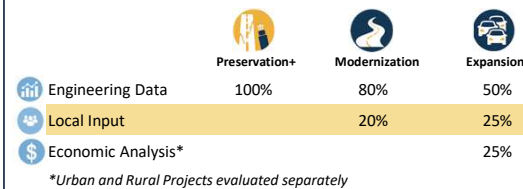
### 2019 Projects Selected for the Development or Construction Pipeline

US-281 Osborne County: Osborne to Portis	Reconstruct
K-23 Gove-Sheridan County: Grainfield to Hoxie	Reconstruct
K-25 Thomas County: Logan-Thomas Co line to Colby	Reconstruct

### Projects presented in 2019; not scored this year

US-281 Smith County: Portis to Smith Center - Low engineering need	Reconstruct
K-23 Sheridan County: Hoxie to US-83 - Low engineering need	Reconstruct
K-25 Logan County: Russell Springs to W Jct US-40 - Low engineering need	Reconstruct

### Selection Process by Highway Program



### 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%