

# NDOR South Region Candidate Project List

July 2016

Package	ID	Project Description	Scope Options	Project Cost (millions)	Project Length (miles)	Projected Average Daily Traffic (2035)	Crash Rate	Engineering Performance	Economic Performance	Overall Performance	
<i>Interstate projects</i>											
	1	I-80 from Waco West to West of Beaver Crossing	6 lane interstate	\$85	9	35,520	0.311	●	●	●	
	2	I-80 from York West to West of Waco	6 lane interstate	\$67	8	35,945	0.250	●	●	●	
<i>Interchange projects</i>											
	3	I-80 Kearney West Interchange	New interchange construction	\$38	4	18,700	0.451	●	●	●	
A	B	4	I-80 Newberry Interchange	Interchange improvements	\$11	1	9,050	5.253	●	●	●
	B	5	I-80 North Platte West Interchange	New interchange construction	\$21	2	2,480	0.291	○	○	○
	6	I-80 Ogallala West Interchange	New interchange construction	\$27	1	5,440	0.849	●	●	●	

### Example Packages totaling \$300 million or less

Packages A and B are examples of combination of projects and are provided for illustrative purposes. These packages are intended to foster discussion about options for selecting projects. NDOR is interested in hearing your thoughts about these packages and your ideas for other combinations of projects.

Package	Cost	Miles Completed
A	\$300	74
B	\$299	147

The engineering, economic and overall performance reflects the relativity of a project's score to all other projects statewide.

- Project scored in roughly the top 25 percent
- ◐ Project scored in roughly the middle half
- Project scored in roughly the bottom 25 percent

For both engineering and economic performance, scores were developed separately for rural and urban projects.

#### Crash Rate

The crash rate reflects, on average, how many crashes are occurring per 100 million vehicle miles traveled.

#### Engineering Performance

This score takes into account safety, the amount of traffic, percent of cars and trucks, congestion, travel time savings, vehicle operating costs, cost of improvement, and maintenance and operation costs of the roadway.

#### Economic Performance

This score is determined by measuring growth in jobs created, wage income, and gross state product.

#### Overall Performance

Overall performance is calculated by combining the engineering score, weighted at 60%, with the economic impact score, weighted at 40%.

Package	ID	Project Description	Scope Options	Project Cost (millions)	Project Length (miles)	Projected Average Daily Traffic (2035)	Crash Rate	Engineering Performance	Economic Performance	Overall Performance	
<b>4-lane and 2-lane projects</b>											
B	7	L56G from Platte River to US 30 in North Platte	4 lane divided highway	\$11	2	9,245	2.020	●	●	●	
B	8	US 30 from Kearney to Grand Island	4 lane divided highway	\$150	36	7,825	0.667	●	●	●	
			Super 2	\$62				●	●	●	
	8A	US 30 from Kearney to Gibbon	4 lane divided highway	\$36	9	10,135	0.509	●	●	●	
	8B	US 30 from Gibbon to Wood River	4 lane divided highway	\$59	14	6,755	0.533	●	●	●	
	8C	US 30 from Wood River to Grand Island	4 lane divided highway	\$55	13	7,895	0.908	●	●	●	
	9	US 30 from Kearney West	4 lane divided highway	\$27	7	8,650	0.523	○	●	●	
B	10	US 34 from Aurora to York	Super 2	\$41	20	3,125	0.601	●	●	●	
A	B	11	US 83 from McCook to North Platte	4 lane divided highway	\$248	60	2,545	0.791	●	●	●
				Super 2	\$92				●	●	●
	11A	US 83 from McCook to Frontier County Line	4 lane divided highway	\$39	9	2,580	0.503	●	●	●	
	11B	US 83 from Frontier County Line to Road 736	4 lane divided highway	\$41	10	2,310	0.844	●	●	●	
	11C	US 83 from Road 736 to N-23	4 lane divided highway	\$49	12	2,135	1.373	●	●	●	
	11D	US 83 from N-23 South Junction to North Junction	4 lane divided highway	\$57	14	2,755	0.991	●	●	●	
	11E	US 83 from N-23 to Lone Star Road	4 lane divided highway	\$25	6	2,530	0.289	●	●	●	
	11F	US 83 from Lone Star Road to North Platte	4 lane divided highway	\$36	9	3,190	0.321	●	●	●	
A B	12	US 281 from St. Paul South	4 lane divided highway	\$18	8	4,935	0.825	●	●	●	
<b>Bypass project</b>											
	13	US 30 Grand Island East Bypass	4 lane divided highway	\$42	6	8,830	4.234	●	●	●	
<b>Viaduct projects</b>											
	14	L40C Alda Viaduct	Reconstruct viaduct	\$6	1	1,592	1.448	●	○	○	
	15	L51A Brule Viaduct	Viaduct	\$11	2	1,080	2.774	○	○	○	
A	16	L51B Roscoe Viaduct	Viaduct	\$13	3	520	2.879	○	○	○	
	17	L51C Paxton Viaduct	Viaduct	\$6	1	1,685	2.160	○	○	○	
	18	N-4 Davenport Viaduct	Viaduct	\$6	1	775	0.000	○	○	○	
B	19	N-11 Cairo Viaduct	Viaduct	\$8	1	3,375	1.816	○	○	○	
A	20	N-74 Fairfield Viaduct	Viaduct	\$10	2	1,320	1.010	○	○	○	
B	21	US 283 Lexington Viaduct	Widen viaduct	\$13	1	14,520	2.800	○	●	○	
<b>Other project</b>											
B	22	N-18 from Orafino to US 283	2 lane highway modernization	\$22	16	125	7.532	●	○	○	