



Lincoln County SS4A Action Plan

Plan Preview
February 2026

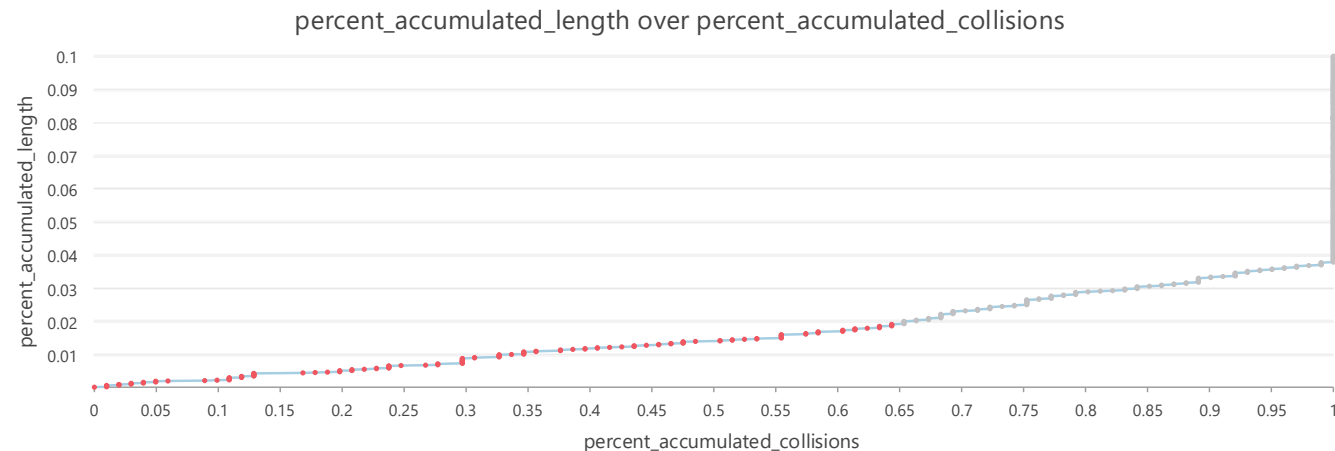
Lincoln County Crash Breakdown

KSI = Killed or Severely Injured

Crash Type	% of All KSI Crashes	% of KSI Crashes on the HIN	% of all Countywide Crashes
Angle	31%	46%	26%
Head-on (front to front)	5%	7%	1%
Single vehicle collision	54%	35%	36%
Rear-end (front to rear)	9%	12%	27%

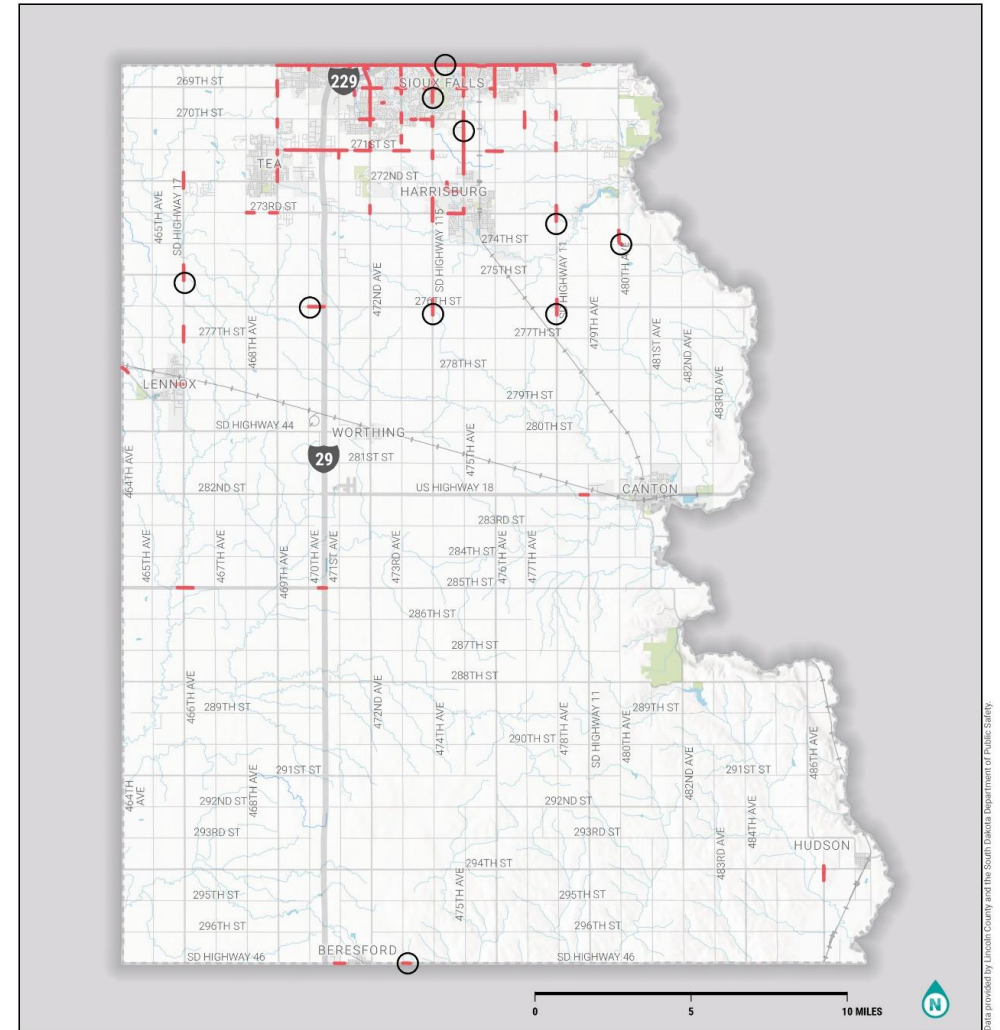
Accumulated Collisions

- 5,818 collisions were analyzed of which 151 were KSI crashes.
- 4,566 collisions, of which 101 KSI collisions, were associated with roadways that weren't interstates or private roads and used to calculate the HIN.
- The HIN accounted for **75% of KSI crashes on 3%** of roadway centerline miles throughout the study area.



High Injury Network

- Adjusted thresholds based on SAT feedback
- **75%** of severe collisions on **3%** of the roadway network
- Nine segments with more than one fatal or serious injury.



HIGH INJURY NETWORK
LINCOLN COUNTY
SS4A SAFETY ACTION PLAN

- Roadway on the HIN
- Segment with >1 KSI Crash
- Railroads
- Jurisdiction Boundaries
- Lincoln County

Draft SS4A Action Plan Goals

1. Enhance Safety Education and Transparency
2. Reduce Speed throughout the County roadway system
3. Increase Stop Sign Compliance at Rural Intersections
4. Prioritize Countermeasures that improve safety over capacity and level of service.
5. Improve Safety at Rural Intersections
6. Find methods to improve safety for vulnerable users



Project Prioritization

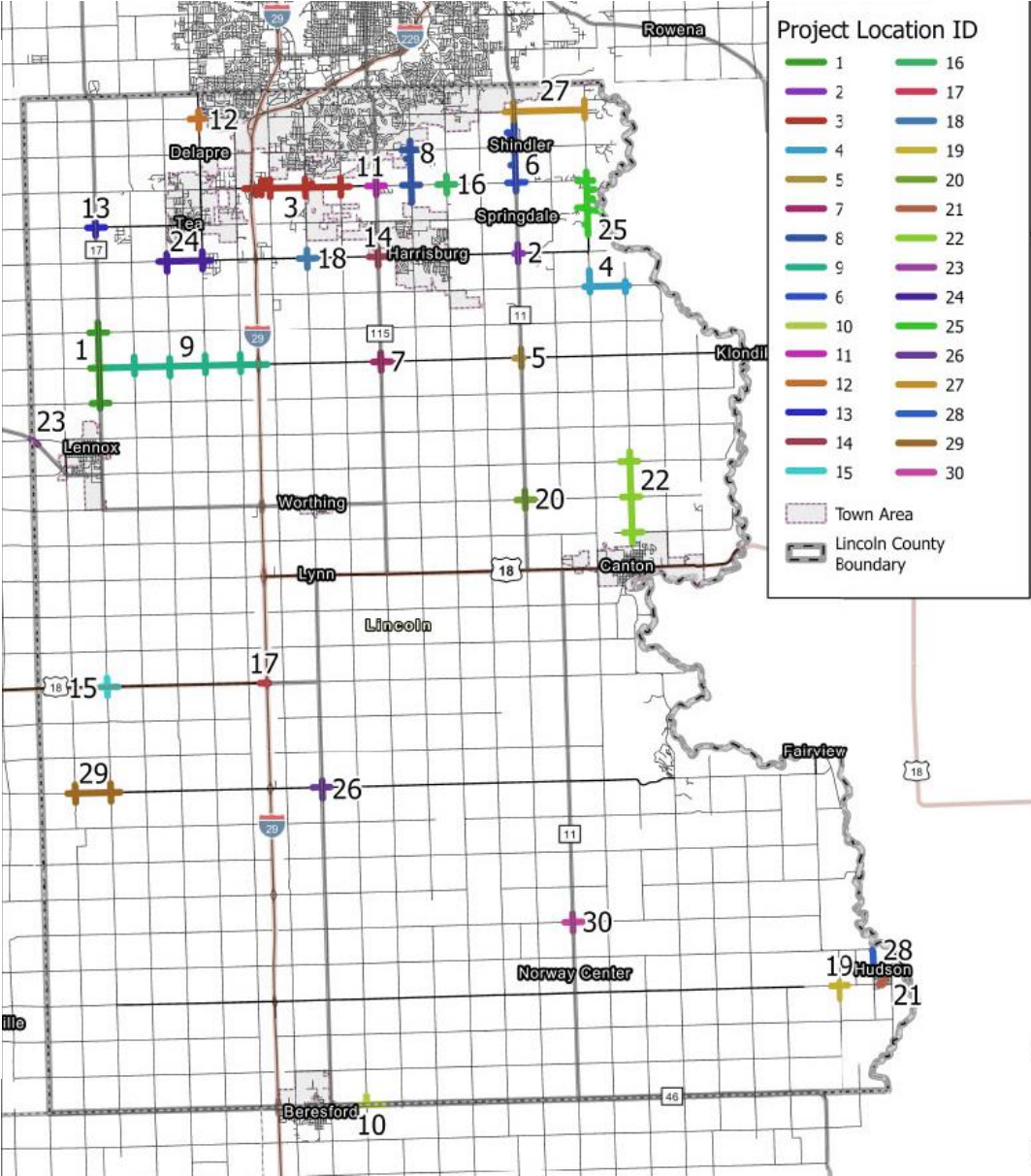
DRAFT - Lincoln County Prioritization Scoring Metrics				
Category	Weight	Criteria	Base Score	Final Score
High Injury Network	40%	Crash Weight - Over 10 (72 segments)	1.00	40.00
		Crash Weight - 7.5 to 10 (29 segments)	0.75	30.00
		Crash Weight - 5.0 to 7.5 (56 segments)	0.50	20.00
		Crash Weight - 2.5 to 5.0 (141 segments)	0.25	10.00
High Risk Network	20%	Total Composite Score - 12 to 18	1.00	20.00
		Total Composite Score - 6 to 12	0.50	10.00
Planning Consistency	10%	Recently Improved or in Urban Growth Area	-1.00	-10.00
		Programmed in CIP/Budget- major reconstruction	1.00	10.00
		Programmed in CIP/Budget- maintenance	0.5	5.00
Under Represented	10%	Within Lowest Income Census Tracts	1.00	10.00
		Within Low-Moderate Income Census Tracts	0.50	5.00
Priority Bicycle Areas	10%	Roadway on a priority bicycle corridor	1.00	10.00
Public Engagement	10%	Top 5 Pinpoint Location	1.00	10.00
		Top 10 Pinpoint Location	0.75	7.50
		Top 20 Pinpoint Location	0.50	5.00

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Prioritization

Lincoln County Projects - Lincoln County SS4A Area

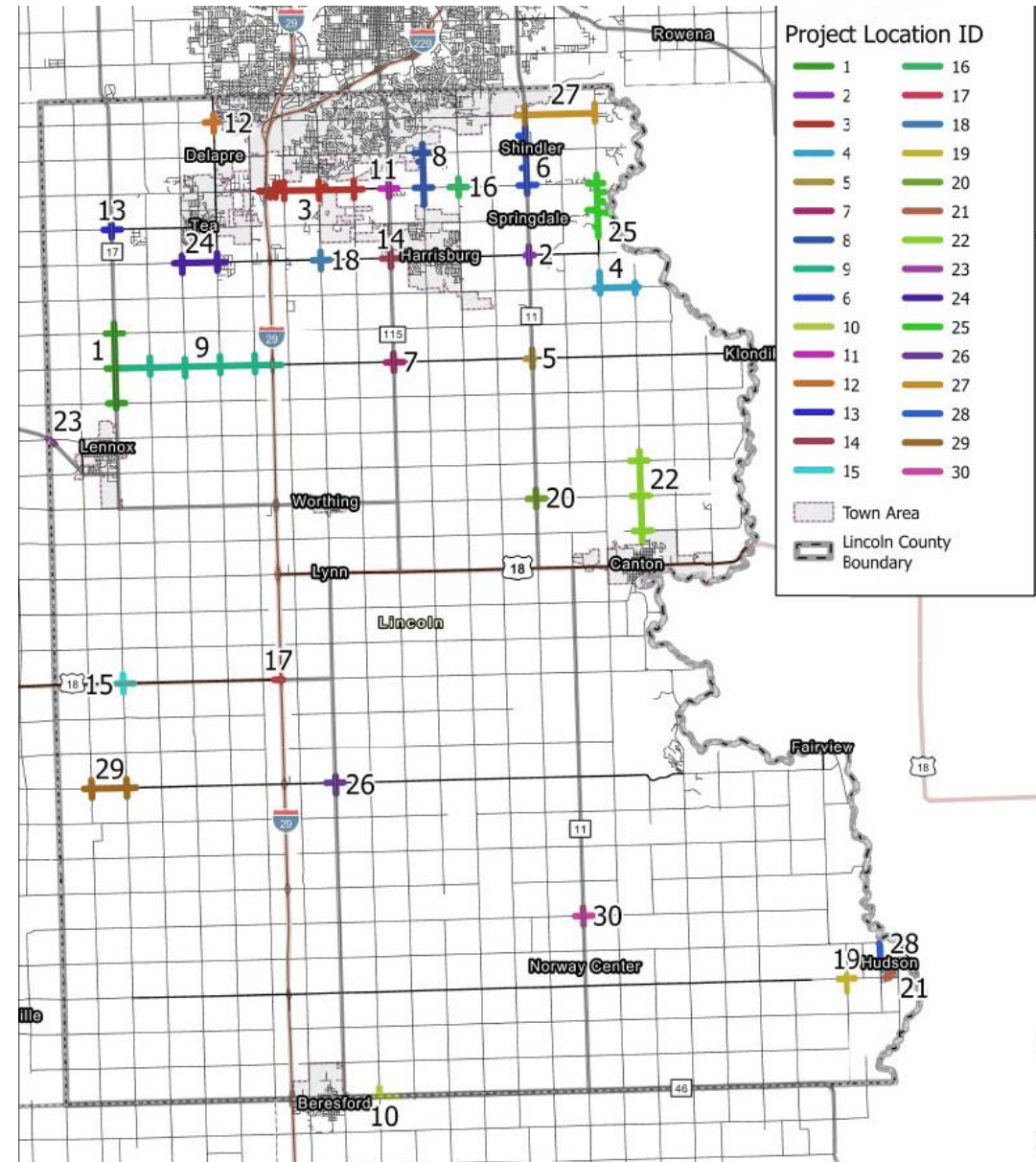
Lincoln County Projects - Lincoln County SS4A Area					Short-term	0-5 years	
					Mid-term	5-12 years	
					Long-term	13 or more years	
Rank	Location	Project	Quick Build	Cost	Countermeasures	Cost	Term
1	County Road 105 from 275th to 277th Street - 2 miles	Overall Corridor	Wider Edge Line	\$ 12,000	Safety Edge	\$ 30,000	Short
			Speed Limit Adjust	\$ 10,000	Corridor Access Man	\$ 300,000	
			Shoulder and Centerline	\$ 10,000	Increase shoulder 2-4 feet	\$ 540,000	
			Rumble Strips	\$ 8,000	Roadside barrier	\$ 400,000	
				\$ 40,000	Lighting	\$ 150,000	
						\$ 1,420,000	
1a	County Road 105 from 275th to 277th Street	CR 105/275th Street			Left/Right Turn Lanes	\$ 800,000	Short
					Lighting	\$ 150,000	
					Roundabout	\$ 1,800,000	
1b	County Road 105 from 275th to 277th St	CR 105/276th Street			Roundabout	\$ 1,800,000	Short
					Lighting	\$ 150,000	
1c	County Road 105 from 275th to 277th Street	CR 105/277th Street	Low Cost Stop Control				
			Countermeasures	\$ 20,000	Lighting	\$ 150,000	Short
			Stop Sign Retroreflectivity	\$ 2,000	Left/Right Turn Lanes	\$ 800,000	
3	County Road 106 from I-29 to Western Ave	Corridor	Remove Fixed Objects	\$ 40,000	Lighting	\$ 300,000	Short
			Speed Feedback Signs	\$ 40,000	Corridor Access Man.	\$ 300,000	
			Narrow Lanes	\$ 24,000			
3a	LC 106/Western	Intersection			Roundabout	\$ 1,800,000	2030
4	County Road 135 from 480th to 481st Ave	Corridor/Intersections	Wider Edge Line	\$ 12,000	Wider Shoulders, 4 ft	\$ 400,000	Mid
			Speed Limit Adjust	\$ 10,000	Safety Edge	\$ 10,000	
			Enh. Curve Delineation	\$ 40,000	Lighting	\$ 250,000	
			Speed Feedback Signs	\$ 24,000	Sidepath	\$ 250,000	
			Shoulder Rumble Strips	\$ 5,000			
			Pavement Friction Man.	\$ 30,000			
			Remove Fixed Objects	\$ 25,000			
8	Cliff Avenue (CR 123)	Corridor	Speed Feedback Signs	\$ 24,000	Corr. Access Management	\$ 150,000	Mid
8a	Cliff and 85th Street	Intersection	City of Sioux Falls Jurisdiction				
8b	Cliff and Co Rd 106	Intersection	Low Cost Stop Control	\$ 20,000	Signal	\$ 300,000	Mid
9	County Road 116 from	Corridor	Speed Limit Adjust	\$ 20,000	Lighting for 4 mile corridor	\$ 1,000,000	Mid



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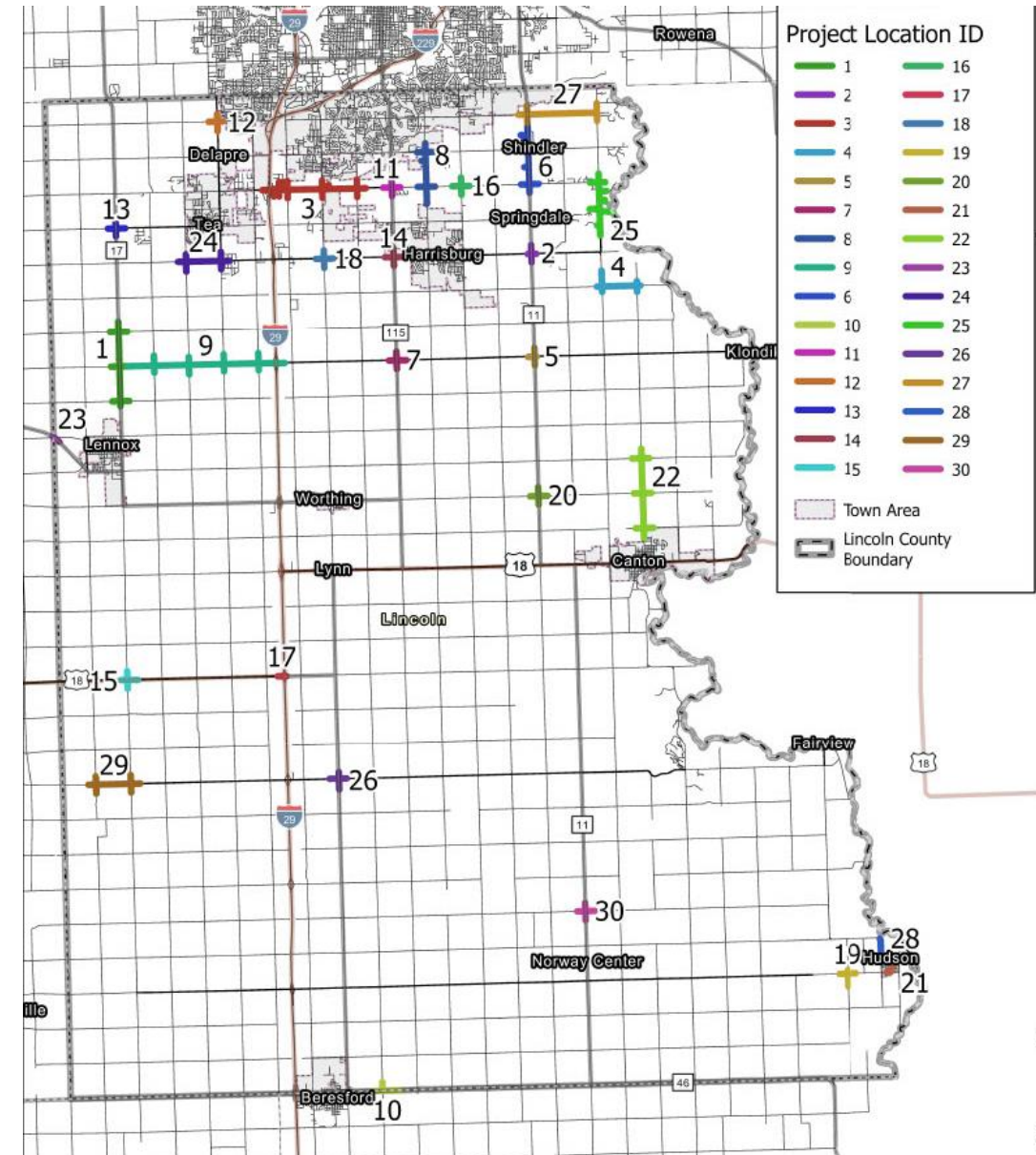
Prioritization

CR 105 to I-29		Remove Fixed Objects	\$ 50,000	Is Shoulder already 5 or more feet???	\$ 1,000,000	
		Speed Feedback Signs	\$ 24,000	Left/Right Turn Lanes	\$ 400,000	
		Wider Edge Line	\$ 36,000	Increase shoulder width?		
		Centerline Rumble Strips	\$ 16,000			
9a LC 116 / 467th Ave	Intersection			Lighting		Mid
9b LC 116 / 468th Ave	Intersection			Lighting		Mid
9c LC 116 / LC 111 (469th Ave)	Intersection	Remove Fixed Objects	\$ 25,000			
		Stop Control Enhance	\$ 20,000			
		Stop Sign Retroreflectivity	\$ 2,000			
		Stop Sign Retroreflectivity	\$ 2,000	Roundabout Lighting	\$ 1,800,000 \$ 150,000	Mid
13 Lincoln County 105 and Lincoln County 106	Intersection	Stop Control Enhance	\$ 20,000	Roundabout	\$ 1,800,000	Long
16 Southeastern Ave and Lincoln Co. 106	Intersection			Roundabout Lighting	\$ 1,800,000	Long
18 Lincoln Co 110 and Lincoln County 117	Intersection	Stop Control Enhance	\$ 20,000	Roundabout	\$ 1,800,000	Mid
19 Lincoln County 152 and Lincoln County 143	Intersection			Reconstruct to 2-way stop & remove curves	\$ 2,500,000	Mid
21 Lincoln Co. 152 from 7th to Wheelock St. In Hudson 1/2 mile	Corridor	Wider Edge Line	\$ 3,000	SafetyEdge	\$ 5,000	Mid
		Curve Delineation	\$ 10,000	Roadside Design at Curves	\$ 5,000	
		Shoulder Rumble Strips	\$ 2,500	Widen Shoulder 2 to 4 ft	\$ 200,000	
		Remove Fixed Objects	\$ 10,000			
		Pavement Friction Man.	\$ 15,000			
22 Lincoln Co. 135 from LC 122 to Canton	Corridor	Wider Edge Line	\$ 12,000	SafetyEdge	\$ 20,000	Mid
		Appropriate Speed Limit	\$ 10,000	Guardrails at Steep Ditches	\$ 60,000	
		Enh. Delineation Curves	\$ 40,000	2-4 feet paved shoulders	\$ 400,000	
				Lighting	\$ 500,000	
22a LC 135 and LC 122	Intersection	Stop Control Enhance	\$ 20,000	Left/Right Turn Lanes Lighting		Mid
22b LC 135 and 280th Street	Intersection	Pavement Friction Man.	\$ 15,000	Lighting		Mid
24 273rd from 468th to LC 11 Corridor		Wider Edge Line		SafetyEdge		



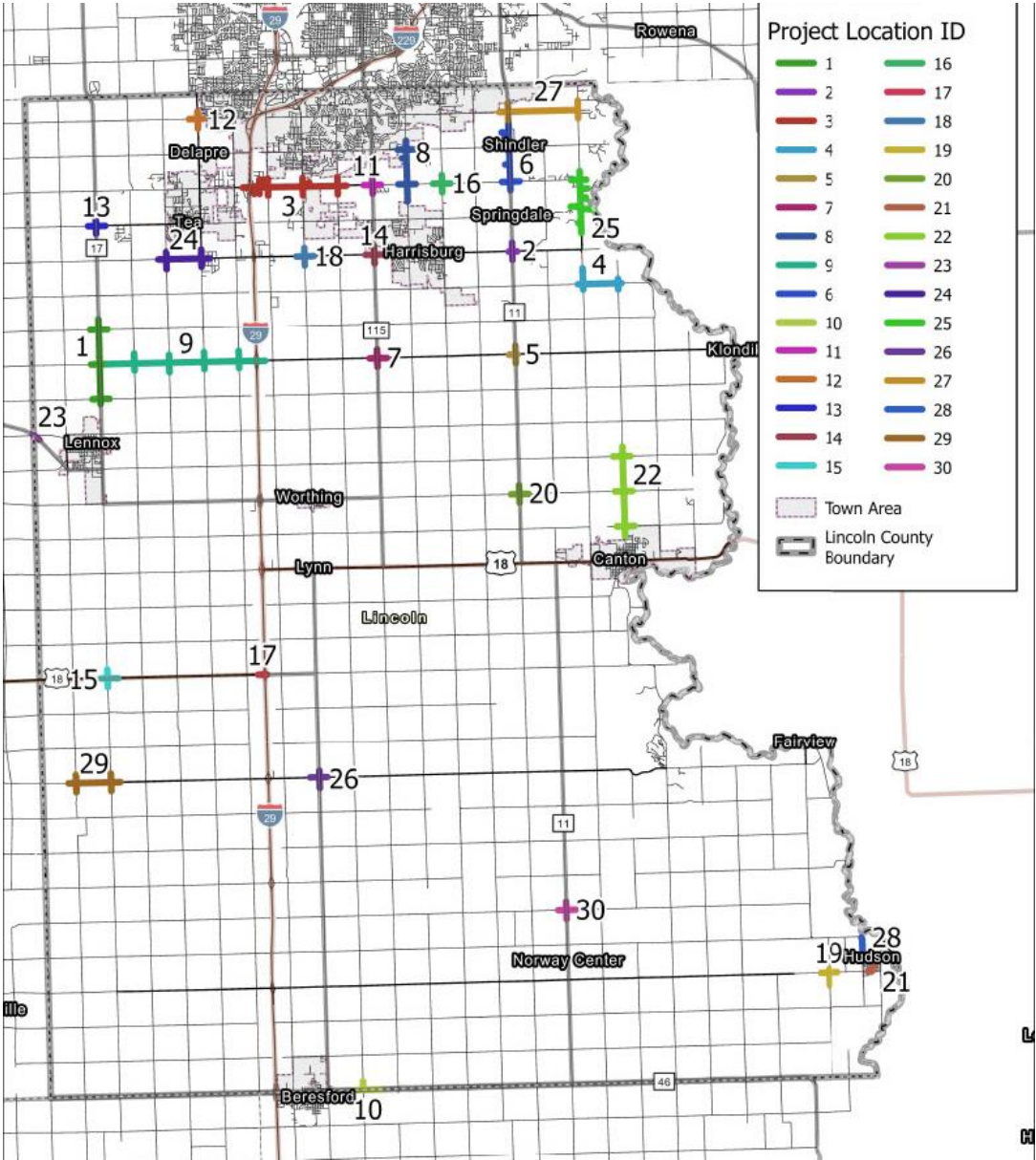
Project Prioritization – Lincoln County Projects – Page 3

Tea Growth Area Township Road		Approp Speed Limit Speed Feedback Signs Shoulder Rumble Strips		Corridor Access Management Guardrails at Steep Ditches Install Roadside Barrier		
24a 273rd and 468th	Intersection	Remove Fixed Objects				
24b LC 110 (273rd St) / LC 111	Intersection	Stop Control Enhance	\$ 20,000	Left/Right Turn Lanes	\$ 400,000	Mid
		Pavement Friction Man.	\$ 15,000			
25 Lincoln Co. 135 from Spruce Pl to LC 106	Corridor	Wider Edge Line	\$ 12,000	SafetyEdge	\$ 20,000	Long
		Appropriate Speed Limit	\$ 10,000	Shoulder to 2-4-ft Paved	\$ 600,000	
		Shoulder Rumble Strips	\$ 10,000	Lighting	\$ 500,000	
		Remove Fixed Objects	\$ 40,000			
25a Lincoln Co. 135 and Lincoln Co. 106	Intersection	Remove Fixed Objects	\$ 25,000	Left/Right Turn Lanes	\$ 400,000	Long
		Pavement Friction Man.	\$ 15,000	Lighting	\$ 150,000	
25b Lincoln Co. 135 and 272nd Street	Intersection	Stop Control Enhanc	\$ 20,000	Left/Right Turn Lanes	\$ 400,000	Long
				Lighting	\$ 150,000	
26 Lincoln Co. 117 and Lincoln Co. 140	Intersection	Stop Control Enhance	\$ 20,000	Left/Right Turn Lanes	\$ 400,000	Long
27 Lincoln County 102 from SD 11 to LC 135	Corridor	Speed Limit Adjust Done already?	\$ 10,000	reduce lane width		Long
				Lighting	\$ 300,000	
				Widen Shoulder 2→4 ft	\$ 600,000	
28 LC 143 north Hudson	Corridor			Pave 2-ft Shoulder	\$ 100,000	Long
29 LC 140 from 465th Ave to LC 105	Corridor	Pavement Friction Man.	\$ 30,000	Widen Shoulder 2→4 ft	\$ 300,000	Long
29b LC 140 / LC 105	Intersection	Pavement Friction Man.	\$ 15,000			
		Low Cost Stop Control	\$ 20,000			



Project Prioritization – SDDOT Projects

SDDOT Projects within Lincoln County SS4A Project Area						Short-term = 0 to 5 years		
						Mid-term = 5-15 years		
						Long-Term = 15 or more years		
						Cost		
Rank	Location	Project	Countermeasure (Quickbuild)	Cost	Countermeasures	Estimate	Year	Term
2	LC 110/ SD 11	Intersection	Stop Control Countermeasures	\$ 20,000	Roundabout	\$ 1,800,000	2034	Mid
			Stop Sign Retroreflectivity	\$ 2,000	Lighting	\$ 150,000		
5	LC 116/ SD 11	Intersection	Stop Control Countermeasures	\$ 20,000	Roundabout	\$ 1,800,000	2034	Mid
			4-way Stop					
6	SD 11 from 69th to LC 106	Corridor	Stop Sign Retroreflectivity	\$ 2,000			2030	Short
			Wider Edge Line		Lighting	\$ 150,000		
6a	SD11/85th St	Intersection			Widen Shoulder 3 to 5 feet		2030	Short
					Corridor Access Management	\$150,000/mile		
6b	SD11/LC 106	Intersection	Stop Control Countermeasures	\$ 20,000	Roundabout OR	\$ 1,800,000	2030	Short
			Stop Sign Retroreflectivity	\$ 2,000	Left/Right Turn Lanes			
7	SD 115/ LC 116	Intersection			Lighting		2036	Mid
					Roundabout	\$ 1,800,000		
9e	LC 116/129 Ramps	Intersection/ Ramp	Remove Fixed Objects			\$ 150,000	Long	
			Stop Control Enhancements	\$ 20,000				
10	SD 46/ 473rd St.	Intersection	Stop Sign Retroreflectivity	\$ 2,000			Long	
			Stop Control Countermeasures	\$ 20,000	Roundabout	\$ 1,800,000		
11	SD 115/ LC 106	Intersection	Pavement Friction Man.					
14	SD 115/ LC 110	Intersection			Data could reflect crashes before intersection redesign			
15	US 18/ LC 105	Intersection			Roundabout	\$ 1,800,000	Long	
					Lighting	\$ 150,000		
17	US 18 (285 St) & I-29 Ramps	Interchange	Stop Control Enhancements	\$ 20,000			Long	
			Stop Sign Retroreflectivity	\$ 2,000				
20	SD 11/ 280th St	Intersection	Remove Fixed Objects		Left/Right Turn Lanes		Long	
			Stop Control Enhancements	\$ 20,000				
23	SD 44 from 468th to LC 111	Intersection	Stop Control Enhancements	\$ 20,000	Left/Right Turn Lanes	\$ 400,000	Long	
			Stop Sign Retroreflectivity	\$ 2,000	Lighting	\$ 150,000		
27a	LC 102 (69th St)	Intersection	Pavement Friction Man.				Long	
			Remove Fixed Objects		Left/Right Turn Lanes			
			Stop Control Enhancements	\$ 20,000				
			Stop Sign Retroreflectivity	\$ 2,000				
30	SD 11 / LC 148	Corridor						





Questions?
