

2022 SS4A Grant Cost Estimate
Draft Updated: September 13, 2022

Project Element		Project Funding						Total Cost
		Federal		Other Federal		Non-Federal		
		SS4A				McKenzie County		
		Dollars	Project Percentage	Dollars	Project Percentage	Dollars	Project Percentage	
Previous County Investments *	Final Design for Shared Use Path	\$ -	0%	\$ -	0%	\$ 160,000.00	39%	\$ 160,000.00
	County Roadway Safety Action Plan	\$ -	0%			\$ 246,500.00		\$ 246,500.00
	Total Investments	\$0	0%	\$0	0%	\$0	0%	\$ 406,500.00
Future Eligible Cost	Design for Remaining Projects and Administration	\$ 263,556.75	7%	\$0	0%	\$ 65,889.19	2%	\$ 329,445.94
	Construction Cost	\$ 2,595,038.32	73%	\$0	0%	\$ 648,759.58	18%	\$ 3,243,797.90
	Total Future Costs	\$2,858,595	80%	\$0	0%	\$ 714,648.77	20%	\$ 3,573,243.84
	Participation Maximum (80/20)						Total Project Cost (not including previous investments)	\$ 3,573,243.84
	SS4A Request	\$2,858,595	80%					
	Other Federal	\$0	0%					
	Non-Federal	\$714,649	20%					

*Expenses that the County has paid for that are not being requested as part of this grant application

Full Project List and Cost Estimate

McKenzie County, ND

Paved Roadways - High Priority Segments											
Rank	SRF Segment Number	Route Name	Priority - See Legend	Crash Data			Project Cost				
	See Appendix A in McKenzie County CRSP			Fatal	Serious Injury	Total	Pavement Markings	Edgeline Rumble Strips	Centerline Rumble Strips	Construction Total	Design and Construction Admin
1	CORDP10.6	County Road 10.6 (CR 10)	5	0	1	9	\$ 10,400.05	\$ 9,220.89	\$ 5,416.81	\$ 25,037.75	\$ 3,755.66
2	CORDP10.7	County Road 10.7 (CR 10)	5	0	2	17	\$ 14,280.65	\$ 12,661.51	\$ -	\$ 26,942.16	\$ 4,041.32
3	CORDP10.3	County Road 10.3 (CR 10)	5	1	1	5	\$ 3,622.06	\$ 3,211.39	\$ 1,886.53	\$ 8,719.98	\$ 1,308.00
4	CORDP53.2	County Road 53.2	5	1	1	6	\$ 9,503.10	\$ 8,425.64	\$ -	\$ 17,928.74	\$ 2,689.31
5	FBP30.1	Federal Bureau of Indian Affairs 30.1 (BIA 30)	4	1	1	5	\$ 2,386.90	\$ 2,116.27	\$ -	\$ 4,503.17	\$ 675.48
6	CORDP12.1	County Road 12.1 (CR 12)	4	0	2	10	\$ 13,841.51	\$ 12,272.16	\$ -	\$ 26,113.67	\$ 3,917.05
7	CORDP34	County Road 34	4	0	0	2	\$ 10,945.10	\$ 9,704.14	\$ -	\$ 20,649.24	\$ 3,097.39
8	CORDP53.3	County Road 53.3 (CR 53)	4	0	0	5	\$ 11,334.53	\$ 10,049.42	\$ -	\$ 21,383.95	\$ 3,207.59
9	CORDP10.4	County Road 10.4 (CR 10)	4	1	0	8	\$ 10,384.35	\$ 9,206.67	\$ 5,408.64	\$ 24,999.66	\$ 3,749.95
10	CORDP16.3	County Road 16.3 (CR 16)	4	0	2	12	\$ 16,954.57	\$ 15,032.26	\$ -	\$ 31,986.83	\$ 4,798.02
11	CORDP53.1	County Road 53.1 (CR 53)	4	0	1	4	\$ 7,826.88	\$ 6,939.47	\$ -	\$ 14,766.35	\$ 2,214.95
12	CORDP30.4	County Road 30.4 (CR 30)	4	0	0	8	\$ 8,115.20	\$ 7,195.10	\$ 4,226.76	\$ 19,537.06	\$ 2,930.56
13	CORDP10.2	County Road 10.2 (CR 10)	4	0	1	5	\$ 8,451.29	\$ 7,493.08	\$ 4,401.81	\$ 20,346.18	\$ 3,051.93
14	CORDP36	County Road 36	4	0	0	5	\$ 5,485.93	\$ 4,863.93	\$ 2,857.32	\$ 13,207.18	\$ 1,981.08
15	LP161STAVENW	161ST AVE NW	3	0	4	19	\$ 777.00	\$ 688.90	\$ -	\$ 1,465.90	\$ 219.89
16	LP17THAVENE.1	17TH AVE NE	3	0	0	4	\$ 3,998.20	\$ 3,544.89	\$ -	\$ 7,543.09	\$ 1,131.46
17	CORDP16.2	County Road 16.2	3	0	0	4	\$ 17,360.13	\$ 15,391.84	\$ -	\$ 32,751.97	\$ 4,912.80
18	CORDP10.1	County Road 10.1	3	0	0	10	\$ 14,477.22	\$ 12,835.79	\$ 7,540.39	\$ 34,853.40	\$ 5,228.01
19	CORDP10.8	County Road 10.8	3	1	0	4	\$ 10,825.79	\$ 9,598.36	\$ -	\$ 20,424.15	\$ 3,063.62
20	CORDP30.2	County Road 30.2	3	0	0	2	\$ 5,338.65	\$ 4,733.35	\$ -	\$ 10,072.00	\$ 1,510.80
21	CORDP31.2	County Road 31.2	3	0	0	3	\$ 10,185.43	\$ 9,030.61	\$ -	\$ 19,216.04	\$ 2,882.41
Total				5	16	147				SUBTOTAL	\$ 41,418.29

Paved Roadways - List of Curves												
Rank	Curve ID	Segment Local ID	Route Name	Priority - See Legend	Crash Data			Project Cost				
	See Appendix A in McKenzie County CRSP				Fatal	Serious Injury	Total	Chevrons	Advance Curve Warning and Speed Advisory Sign	Rumble Strip	Construction Total	Design and Construction Admin
1	CORDP10.1.3	CORDP10.1	County Road 10.1 (CR 10)	5	0	0	1	\$ 1,574.55	\$ 760.80	\$ 353.57	\$ 2,688.92	\$ 403.34
2	CORDP16.3.4	CORDP16.3	County Road 16.3 (CR 16)	5	0	0	2	\$ 1,574.55	\$ 760.80	\$ 331.18	\$ 2,666.53	\$ 399.98
3	CORDP30.3.1	CORDP30.3	County Road 30.3 (CR 30)	5	0	1	2	\$ 1,574.55	\$ 760.80	\$ 329.83	\$ 2,665.18	\$ 399.78
4	CORDP30.3.2	CORDP30.3	County Road 30.3 (CR 30)	5	0	0	1	\$ 1,574.55	\$ 760.80	\$ 385.76	\$ 2,721.11	\$ 408.17
6	CORDP10.7.12	CORDP10.7	County Road 10.7 (CR 10)	5	0	0	1	\$ 1,574.55	\$ 760.80	\$ 346.78	\$ 2,682.13	\$ 402.32
7	CORDP10.1.2	CORDP10.1	County Road 10.1 (CR 10)	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 395.86	\$ 2,731.21	\$ 409.68
8	CORDP10.2.1	CORDP10.2	County Road 10.2 (CR 10)	4	0	1	2	\$ 1,574.55	\$ 760.80	\$ 277.78	\$ 2,613.13	\$ 391.97
9	CORDP10.3.1	CORDP10.3	County Road 10.3 (CR 10)	4	0	1	3	\$ 1,574.55	\$ 760.80	\$ 323.26	\$ 2,658.61	\$ 398.79
10	CORDP16.2.5	CORDP16.2	County Road 16.2 (CR 16)	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 328.96	\$ 2,664.31	\$ 399.65
11	CORDP16.2.6	CORDP16.2	County Road 16.2 (CR 16)	4	0	1	1	\$ 1,574.55	\$ 760.80	\$ 325.45	\$ 2,660.80	\$ 399.12
12	CORDP16.3.2	CORDP16.3	County Road 16.3 (CR 16)	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 325.92	\$ 2,661.27	\$ 399.19
13	CORDP16.3.3	CORDP13.3	County Road 16.3 (CR 16)	4	0	1	3	\$ 1,574.55	\$ 760.80	\$ 331.17	\$ 2,666.52	\$ 399.98
14	CORDP16.3.5	CORDP16.3	County Road 16.3 (CR 16)	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 331.40	\$ 2,666.75	\$ 400.01
15	CORDP10.6.4	CORDP10.6	County Road 10.6 (CR 10)	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 349.88	\$ 2,685.23	\$ 402.78
16	CORDP34.5	CORDP34	County Road 34	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 365.29	\$ 2,700.64	\$ 405.10
17	CORDP30.2.2	CORDP30.2	County Road 30.2 (CR 30)	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 382.56	\$ 2,717.91	\$ 407.69
18	CORDP53.2.1	CORDP53.2	County Road 53.2 (CR 53)	4	0	1	1	\$ 1,574.55	\$ 760.80	\$ 319.70	\$ 2,655.05	\$ 398.26
19	CORDP53.2.5	CORDP53.2	County Road 53.2 (CR 53)	4	0	0	2	\$ 1,574.55	\$ 760.80	\$ 274.81	\$ 2,610.16	\$ 391.52
20	CORDP53.2.8	CORDP53.2	County Road 53.2 (CR 53)	4	1	0	1	\$ 1,574.55	\$ 760.80	\$ 282.31	\$ 2,617.66	\$ 392.65
21	CORDP53.3.7	CORDP53.3	County Road 53.3	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 276.31	\$ 2,611.66	\$ 391.75
22	CORDP53.3.8	CORDP53.3	County Road 53.3	4	0	0	3	\$ 1,574.55	\$ 760.80	\$ 275.63	\$ 2,610.98	\$ 391.65

23	CORDP14.1	CORDP14	County Road 14	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 253.03	\$ 2,588.38	\$ 388.26	
24	CORDP14.4	CORDP14	County Road 14	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 347.53	\$ 2,682.88	\$ 402.43	
25	CORDP14.5	CORDP14	County Road 14	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 396.25	\$ 2,731.60	\$ 409.74	
26	CORDP12.1.2	CORDP12.1	County Road 12.1	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 429.99	\$ 2,765.34	\$ 414.80	
27	CORDP12.1.7	CORDP12.1	County Road 12.1	4	0	0	0	\$ 1,574.55	\$ 760.80	\$ 319.73	\$ 2,655.08	\$ 398.26	
28	CORDP10.7.9	CORDP10.7	County Road 10.7	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 477.43	\$ 2,812.78	\$ 421.92	
29	CORDP10.7.10	CORDP10.7	County Road 10.7	4	0	0	1	\$ 1,574.55	\$ 760.80	\$ 321.61	\$ 2,656.96	\$ 398.54	
40	CORDP10.6.1	CORDP10.6	County Road 10.6 (CR 10)	3	0	0	1	\$ -	\$ -	\$ 538.59	\$ 538.59	\$ 80.79	
58	CORDP10.7.7	CORDP10.7	County Road 10.7 (CR 10)	3	0	0	0	\$ -	\$ -	\$ 943.61	\$ 943.61	\$ 141.54	
				Total	1	6	30				SUBTOTAL	\$ 76,330.98	\$ 11,449.65

List of Intersections - Paved and Gravel													
Rank	Intersection ID	Street 1	Street 2	Priority - See Legend	Crash Data			Project Cost					
	See Appendix A in McKenzie County CRSP				Fatal	Serious Injury	Total	Update Signs and Markings	Install Street Lights	Review Sight Triangles	Construction Total	Design and Construction Admin	
1	Int113	COUNTY ROAD 34	HIGHWAY 85 N	5	0	0	2	\$ 2,640.00	\$ 10,200.00	\$ 3,000.00	\$ 15,840.00	\$ 2,376.00	
2	Int318	ROUGHNECK RD	HIGHWAY 85 N	5	0	0	13	\$ -	\$ 10,200.00	\$ -	\$ 10,200.00	\$ 1,530.00	
3	Int341	2ND ST W	CHARLIE BOB CREEK RD	4	0	0	1	\$ 5,280.00	\$ -	\$ 3,000.00	\$ 8,280.00	\$ 1,242.00	
4	Int2066	COUNTY ROAD 73	HIGHWAY 22 N	4	1	1	2	\$ 2,640.00	\$ 10,200.00	\$ 3,000.00	\$ 15,840.00	\$ 2,376.00	
5	Int2072	COUNTY ROAD 16	HIGHWAY 68	4	0	2	3	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
6	Int53	COUNTY ROAD 31	HIGHWAY 85 N	4	0	1	6	\$ 5,280.00	\$ -	\$ 3,000.00	\$ 8,280.00	\$ 1,242.00	
7	Int126	COUNTY ROAD 37	HIGHWAY 85 N	4	0	1	7	\$ 2,640.00	\$ 10,200.00	\$ 3,000.00	\$ 15,840.00	\$ 2,376.00	
8	Int144	COUNTY ROAD 15	HIGHWAY 85 N	4	0	1	3	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
9	Int118	1ST AVE W	HIGHWAY 23	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
10	Int227	45TH ST NW	HIGHWAY 85 N	4	0	1	3	\$ 5,280.00	\$ -	\$ 3,000.00	\$ 8,280.00	\$ 1,242.00	
11	Int160	30TH ST NW	Highway 1806	4	0	0	3	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
12	Int203	COUNTY ROAD 16	HIGHWAY 85 N	4	0	0	6	\$ 5,280.00	\$ 10,200.00	\$ 3,000.00	\$ 18,480.00	\$ 2,772.00	
13	Int216	COUNTY ROAD 10	HIGHWAY 85 N	4	0	0	1	\$ 5,280.00	\$ 10,200.00	\$ 3,000.00	\$ 18,480.00	\$ 2,772.00	
14	Int242	5TH ST SW	HIGHWAY 200	4	0	0	2	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
15	Int272	COUNTY ROAD 50	HIGHWAY 85 N	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
16	Int275	COUNTY ROAD 1	HIGHWAY 200	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
17	Int301	LONG X RD	HIGHWAY 85 N	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
18	Int310	MUSEUM AVE	HIGHWAY 85 N	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
19	Int864	COUNTY ROAD 31	COUNTY ROAD 30	4	0	0	1	\$ 2,640.00	\$ 10,200.00	\$ 3,000.00	\$ 15,840.00	\$ 2,376.00	
20	Int1587	MAIN ST S	35TH ST NW	4	0	0	1	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
21	Int2002	146TH AVE NW	COUNTY ROAD 16	4	0	0	2	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
22	Int16	108TH AVE NW	HIGHWAY 73	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
23	Int700	COUNTY ROAD 37	26 F ST NW	4	0	0	1	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
24	Int179	35TH ST NW	HIGHWAY 23	4	0	0	0	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
25	Int744	COUNTY ROAD 37	125TH AVE NW	4	0	0	0	\$ 5,280.00	\$ -	\$ 3,000.00	\$ 8,280.00	\$ 1,242.00	
26	Int1279	COUNTY ROAD 13	26TH ST NW	4	0	0	0	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
27	Int1760	COUNTY ROAD 50	FLAT TOP RD	4	0	0	0	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
28	Int1762	LITTLE BEICEGEL CREEK RD	COUNTY ROAD 50	4	0	0	0	\$ 2,640.00	\$ -	\$ 3,000.00	\$ 5,640.00	\$ 846.00	
29	Int741	125TH AVE NW	20TH H ST NW	4	0	0	0	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
30	Int742	125TH AVE NW	20TH Q ST NW	4	0	0	0	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00	\$ 450.00	
				Total	1	7	63				SUBTOTAL	\$ 232,320.00	\$ 34,848.00
											TOTAL	\$ 584,772.90	\$ 87,715.94

Legend - Based off of the check marks on the McKenzie County CRSP	
1	One check mark, lowest priority
2	Two check marks, low priority
3	Three check marks, medium priority
4	Four check marks, high priority
5	Five check marks, highest priority

GRAND TOTAL \$ 672,488.84

Shared Use Path Cost Estimate

McKenzie County, ND

24TH AVENUE - SHARED USED PATH

[illegible]

MAIN STREET - SHARED USE PATH & CHERRY CREEK BRIDGE

[illegible]