

Burleigh County

The total project cost suggested for Burleigh County is \$ 852,664. The project cost breakout for intersection, roadway segment, and curve projects are listed in Table 4-2. High-priority locations that received a project are shown in Figure 4-8 and Tables 4-3 through 4-5. These locations are described in further detail in Appendix A along with priority rankings and suggested project sheets.

TABLE 4-2
Burleigh County Project Costs

Project Type	Cost
Intersections	\$ 525,950
Roadway Segments	\$ 207,690
Curves	\$ 119,024
Total	\$ 852,664

TABLE 4-3
Burleigh County – Rural Intersection Projects

Inter. ID	Description	Risk Ranking	Close Median	Mainline Dynamic Warning Sign	Install Street Lights	Signs & Markings	Review Signs & Clearing/Grubbing	Project Cost (\$)
531.01	North Dakota Hwy 1804 & NW 15th St	★★★★	-	-	x	x	x	\$11,700
521.01	US Hwy 83 & 149th Ave NW	★★★★	x	-	x	x	x	\$37,150
532.05	North Dakota Hwy 1804 & Burnt Creek Rd	★★★	-	-	x	x	x	\$12,150
507.02	NE 158th St & County Hwy 10	★★★	-	x	x	x	x	\$62,150
508.03	SE 93rd St & Apple Creek Rd SE	★★★	-	-	x	x	x	\$10,300
510.03	NE 41st ST & 71st Ave NE (WEST)	★★★	-	x	x	x	x	\$62,150
515.01	US Hwy 83 & 201st Ave NE	★★★	x	-	x	x	x	\$36,700
500.03	NE 405th St & Burleigh County Hwy 1	★★★	-	-	x	x	x	\$12,150
502.02	US Hwy 83 & 266th Ave NE	★★★	-	-	x	x	x	\$12,150
513.01	US Hwy 83 & County Hwy 10	★★★	-	x	x	x	x	\$62,150
523.01	North Dakota Hwy 1804 & SE Desert Rd	★★★	-	x	x	x	x	\$60,300
532.04	NW River Rd & Burnt Creek Rd (NORTH)	★★★	-	-	x	x	x	\$10,300
507.01	NE 158th St & Apple Creek Rd SE	★★★	-	-	-	x	x	\$6,150
527.01	North Dakota Hwy 1804 & N Washington St	★★	-	x	x	x	x	\$62,150
518.01	North Dakota Hwy 14 & 214th Ave NE	★★	-	-	-	x	x	\$6,150
511.01	SE 66th St & Apple Creek Rd	★★	-	x	x	x	x	\$62,150
		TOTALS	2	6	14	16	16	\$525,950

TABLE 4-4
Burleigh County – Rural Segment Projects

Corrid or ID	Local Street Name	Start	End	4" Edge Line	Shoulder Rumble Strip	Edge Line Rumble Strip	Center Line Rumble	Project Cost (\$)
528.01	12th St	Oahe Bend	1/4 mile north of Burleigh Ave	0.0	0.0	2.2	2.2	\$14,300
530.01	Sibley Dr	12th St	Hester Dr	0.0	2.0	0.0	0.0	\$6,000
527.01	Washington St	Mile south of 48th Ave	Burleigh Ave	0.0	0.0	1.8	0.0	\$6,300
530.02	Sibley Dr	Hester Dr	48th Ave	0.0	0.0	1.7	0.0	\$5,950
532.01	River Rd	1/4 mile north of Burnt Boat Dr	Burnt Creek Loop	0.0	3.9	0.0	3.9	\$23,400
535.01	Burnt Creek Loop	River Rd	State Route 1804	0.0	0.0	3.4	0.0	\$11,900
525.01	41st St	US Hwy 83	26th St	0.0	2.0	0.0	2.0	\$12,000
510.01	71st St	US Hwy 83	106th St	0.0	0.0	7.1	7.1	\$46,150
526.01	48th Ave	England St	State Route 1804	0.0	0.0	3.0	0.0	\$10,500
529.01	Oahe Bend	12th St	Apple Creek Dr	0.0	0.0	0.8	0.0	\$2,800
534.01	Sandy River Rd	West of Wildwood St	River Rd	0.0	0.0	0.9	0.0	\$3,150
533.01	Wilderness Cove	1/4 mile west of River Rd	River Rd	0.0	0.0	0.3	0.0	\$1,050
522.01	52nd St	Woodrow Dr	Lincoln Rd	2.6	0.0	0.0	0.0	\$1,040
500.02	405th St	30th Ave	Interstate 94	0.0	0.0	1.9	0.0	\$6,650
535.02	Burnt Creek Loop	State Route 1804	State Route 1804	0.0	0.0	1.6	0.0	\$5,600
512.02	66th St	Lincoln Rd	County Hwy 10	0.0	3.0	0.0	3.0	\$18,000
511.01	Apple Creek Rd	Yegan Rd	158th St	0.0	0.0	9.4	0.0	\$32,900
TOTALS				2.6	10.9	34.1	18.2	\$207,690

TABLE 4-5
Burleigh County – Rural Segment Projects

Corrid or ID	Local Street Name	Start	End	No. of Curves	Project Cost (\$)
500.02	405th St	30th Ave	Interstate 94	4	\$ 28,364
500.05	392nd St	240th Ave	State Route 36	5	\$ 19,952
503.01	Moffit Rd	185th St	US Hwy 83	2	\$ 8,452
510.01	71st St	US Hwy 83	106th St	1	\$ 4,453
511.01	Apple Creek Rd	Yegan Rd	158th St	1	\$ 6,466
523.01	Desert Rd	115th Ave	State Route 1804	1	\$ 8,543
525.01	41st St	US Hwy 83	26th St	1	\$ 3,437
535.01	Burnt Creek Loop	River Rd	State Route 1804	3	\$ 20,309
536.01	106th St	54th St	State Route 1804	4	\$ 19,048
TOTALS				22	\$ 119,024

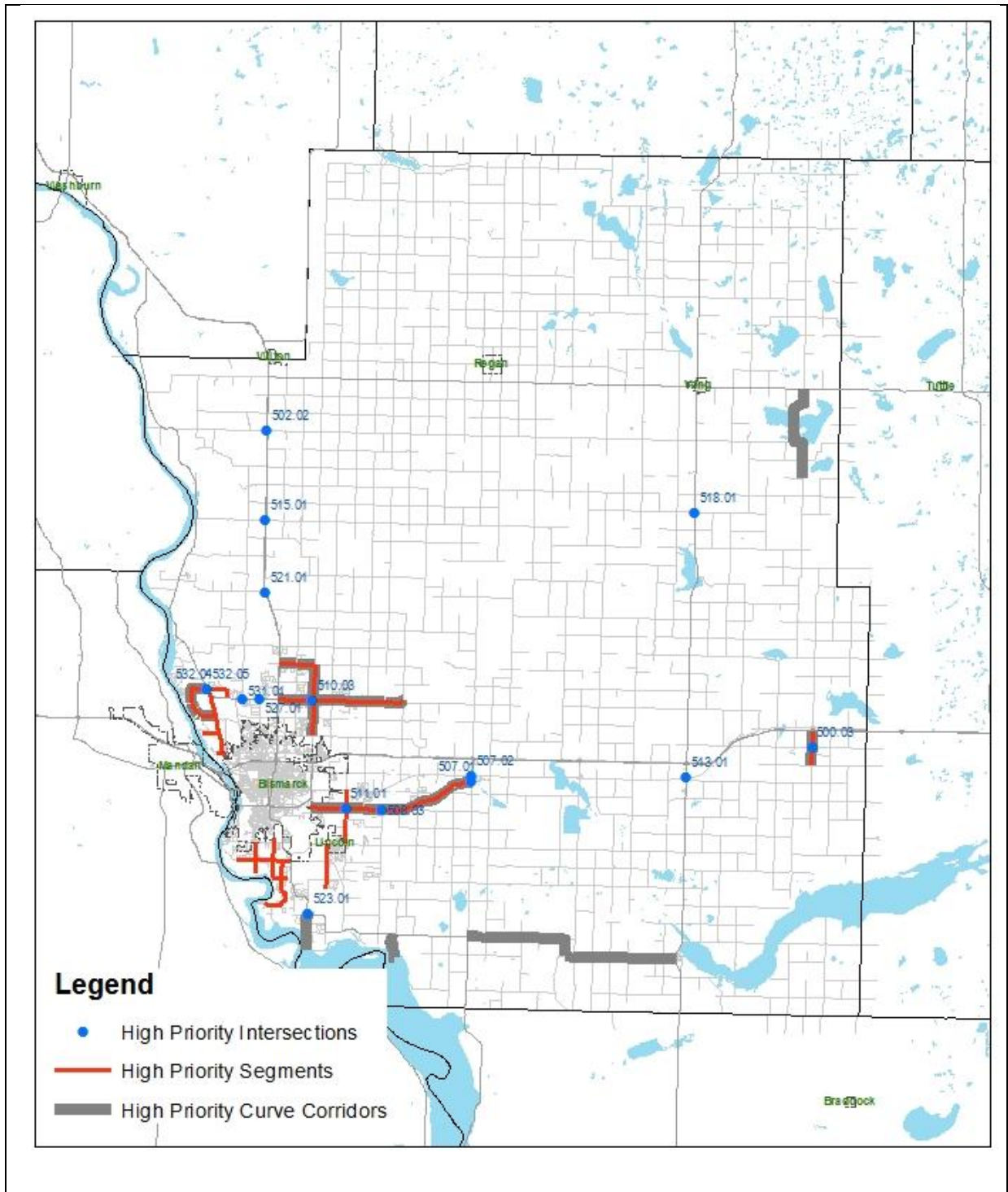


FIGURE 4-8
High-Priority Rural Locations

23 USC 409
NDDOT Reserves All Objections

Burleigh County Project

Projects		Total Costs
Rural Intersections	16 intersections	\$ 525,950
Rural Segments	48 miles	\$ 207,690
Rural Curves	22 curves	\$ 119,024
	Total Rural Projects	\$ 852,664
Urban Segments (Rear End/Head On)	18 miles	\$ 288,150
Urban Intersections (Right Angle Crashes)	23 intersections	\$ 44,000
Urban Intersections (Ped/Bike Crashes)	49 intersections	\$ 530,000
	Total Urban Projects	\$ 862,150
	Total Burleigh County	\$ 1,714,814

Burleigh County Rural Intersection Projects

Intersection ID	Description	Risk Ranking	Close Median	Dynamic Warning Sign	Install Street Lights	Signs & Markings	Signs & Clearing/G rubbing	Project Cost (\$)
531.01	North Dakota Hwy 1804 & NW 15th St	★★★★	-	-	X	X	X	\$11,700
521.01	US Hwy 83 & 149th Ave NW	★★★★	X	-	X	X	X	\$37,150
532.05	North Dakota Hwy 1804 & Burnt Creek Rd	★★★	-	-	X	X	X	\$12,150
507.02	NE 158th St & County Hwy 10	★★★	-	X	X	X	X	\$62,150
508.03	SE 93rd St & Apple Creek Rd SE	★★★	-	-	X	X	X	\$10,300
510.03	NE 41st ST & 71st Ave NE (WEST)	★★★	-	X	X	X	X	\$62,150
515.01	US Hwy 83 & 201st Ave NE	★★★	X	-	X	X	X	\$36,700
500.03	NE 405th St & Burleigh County Hwy 1	★★★	-	-	X	X	X	\$12,150
502.02	US Hwy 83 & 266th Ave NE	★★★	-	-	X	X	X	\$12,150
513.01	US Hwy 83 & County Hwy 10	★★★	-	X	X	X	X	\$62,150
523.01	North Dakota Hwy 1804 & SE Desert Rd	★★★	-	X	X	X	X	\$60,300
532.04	NW River Rd & Burnt Creek Rd (NORTH)	★★★	-	-	X	X	X	\$10,300
507.01	NE 158th St & Apple Creek Rd SE	★★★	-	-	-	X	X	\$6,150
527.01	North Dakota Hwy 1804 & N Washington St	★★	-	X	X	X	X	\$62,150
518.01	North Dakota Hwy 14 & 214th Ave NE	★★	-	-	-	X	X	\$6,150
511.01	SE 66th St & Apple Creek Rd	★★	-	X	X	X	X	\$62,150
			2	6	14	16	16	\$525,950

Detailed Intersection Information

Burleigh County Rural Intersection List

Int #	Intersection Description	Config	Analysts											ADT	Traffic Control			Previous STOP (>5mi)		
			Config(2)	Total Entering ADT	Source	Skew	On/Near Curve	Development	RR Xing	Major Surface		Minor Surface Type	Minor Leg Approach Apron Type (if gravel)		Notes	Device	Street Lights		Flashers	
										Type	Type									
500.01	SE 392nd St & 48th Ave SE	T	Undivided	53	Estimate	No	Yes	No	No	No	Gravel	Gravel				53	Thru-Stop	No	No	No
500.02	SE 392nd St & 34th Ave SE	T	Undivided	53	Count	No	No	No	No	No	Gravel	Gravel				53	Thru-Stop	No	No	Yes
500.03	NE 405th St & Burleigh County Hwy 1	X	Undivided	605	Count	No	No	Yes	No	Paved	Paved				605	Thru-Stop	No	No	Yes	
500.04	NE 405th St & Interstate 94 EB Ramps	X	Undivided	213	Count	No	No	No	No	Paved	Paved		Interstate 94 EB Ramps		213	Thru-Stop	No	No	Yes	
500.05	NE 392nd St & 227th Ave NE	X	Undivided	155	Count/Estimate	No	No	No	No	Gravel	Gravel				155	Thru-Stop	No	No	No	
500.06	NE 392nd St & North Dakota Hwy 36	X	Undivided	368	Count	No	No	No	No	Paved	Paved				368	Thru-Stop	No	No	No	
501.01	12th Ave SW & 435th Ave NE	X	Undivided	745	Count	No	No	No	No	Paved	Paved		On Burleigh/McLean county line		745	Thru-Stop	No	No	Yes	
501.02	NE 145th St & 435th Ave NE	X	Undivided	68	Count	No	Yes	No	No	Gravel	Gravel				68	Thru-Stop	No	No	Yes	
502.01	North Dakota Hwy 1804 & 266th Ave NE	T	Undivided	305	Count	No	Yes	No	No	Paved	Gravel	Paved			305	Thru-Stop	No	No	Yes	
502.02	US Hwy 83 & 266th Ave NE	X	Undivided	3,853	Count	No	No	No	No	Paved	E - Paved, W - Gravel	Paved			3,853	Thru-Stop	No	No	Yes	
502.03	NE 184th St & NE 266th St	T	Undivided	50	Count	No	No	No	No	Gravel	Gravel				50	Thru-Stop	No	No	No	
502.04	NE 197th St & 266th Ave NE	X	Undivided	55	Count	No	No	No	No	Gravel	Gravel				55	Thru-Stop	No	No	Yes	
503.01	SE Moffit Rd & SE 158th St	X	Undivided	570	Count	No	No	No	No	Paved	Paved				570	Thru-Stop	No	No	No	
504.01	US Hwy 83 & 89th Ave SE	X	Undivided	1,065	Count	No	No	No	No	Paved	Gravel	Paved			1,065	Thru-Stop	No	No	Yes	
505.01	SE 66th St & Lincoln Rd SE	T	Undivided	3,085	Count	No	No	Yes	No	Paved	Paved				41,465	Thru-Stop	No	No	No	
505.02	SE 93rd St & Lincoln Rd SE	X	Undivided	480	Count	No	No	No	No	Paved	W - Paved, E - Gravel	Gravel			480	Thru-Stop	No	No	No	
505.03	SE 158th St & Lincoln Rd SE	X	Undivided	333	Count	No	No	No	No	Paved	Gravel	Paved			333	Thru-Stop	No	No	No	
505.04	US Hwy 83 & 34th Ave SE	X	Undivided	1,485	Count	No	No	No	No	Paved	Gravel	Paved			1,485	Thru-Stop	No	No	Yes	
505.05	US Hwy 83 & 48th Ave SE	T	Undivided	1,480	Count	No	No	No	No	Paved	Gravel	Paved			1,480	Thru-Stop	No	No	Yes	
506.01	NE 236th St & County Hwy 1	X	Undivided	838	Count	No	Yes	No	No	Paved	N - Paved, S - Gravel	Paved			838	Thru-Stop	No	No	No	
506.03	NE 249th St & 214th Ave NE	X	Undivided	70	Count	No	No	No	No	Gravel	Gravel				70	Thru-Stop	No	No	No	
506.04	NE 249th St & 227th Ave NE	T	Undivided	53	Count	No	No	No	No	Gravel	Gravel				53	Thru-Stop	No	No	No	
507.01	NE 158th St & Apple Creek Rd SE	X	Undivided	603	Count	No	Yes	No	Yes	Paved	Paved				603	Thru-Stop	No	No	Yes	
507.02	NE 158th St & County Hwy 10	X	Undivided	1,560	Count	No	No	No	No	Paved	Paved				1,560	Thru-Stop	No	No	Yes	
508.01	North Dakota Hwy 1804 & SE 106th St	T	Undivided	610	Count/Model	Yes	No	No	No	Paved	Paved				610	Thru-Stop	No	No	No	
508.02	North Dakota Hwy 1804 & SE 93rd St	X	Undivided	735	Count	No	No	No	No	Paved	N - Paved, S - Gravel	Paved			735	Thru-Stop	No	No	No	
508.03	SE 93rd St & Apple Creek Rd SE	T	Undivided	805	Count	No	No	No	No	Paved	Paved				805	Thru-Stop	No	No	Yes	
509.01	NE 106th St & County Hwy 10	T	Undivided	1,583	Count	Yes	No	No	No	Paved	Gravel	Paved			1,583	Thru-Stop	No	No	No	
509.03	NE 106th St & 71st Ave NE	X	Undivided	133	Count	No	Yes	No	No	Gravel	Gravel				133	Uncontrolled	No	No	No	
509.04	NE 119th St & 201st Ave NE	X	Undivided	125	Count	No	No	No	No	Paved	Gravel	Gravel			125	Thru-Yield	No	No	No	
510.01	US Hwy 83 & 71st Ave NE	X	Divided	9,618	Count	No	No	No	No	Paved	Paved				9,618	Signal	No	No	No	
510.02	NE 26th St & 71st Ave NE	X	Undivided	4,198	Count	No	No	No	No	Paved	Paved				4,198	Thru-Stop	No	No	No	
510.03	NE 41st St & 71st Ave NE (WEST)	X	Undivided	5,460	Count	No	Yes	No	No	Paved	Paved				5,460	Thru-Stop	No	No	No	
510.04	NE 41st St & 71st Ave NE (EAST)	T	Undivided	1,833	Count	No	Yes	No	No	Paved	Paved				1,833	Thru-Yield	No	No	No	
510.05	NE 66th St & 71st Ave NE	X	Undivided	350	Count	No	No	No	No	Paved	Paved				350	Thru-Stop	No	No	No	
511.01	SE 66th St & Apple Creek Rd	X	Undivided	3,990	Count	No	No	No	No	Paved	Paved				3,990	Thru-Stop	No	No	No	
512.01	SE 66th St & County Hwy 10	X	Undivided	6,998	Count	No	No	No	No	Paved	Paved				6,998	Thru-Stop	No	No	No	
513.01	US Hwy 83 & County Hwy 10	X	Undivided	2,235	Count	No	No	No	No	Paved	Paved				2,235	Thru-Stop	No	No	Yes	
514.01	North Dakota Hwy 1804 & 175th Ave NE	T	Undivided	348	Count	No	Yes	No	No	Paved	Gravel	Paved			348	Thru-Stop	No	No	No	
514.02	US Hwy 83 & 175th Ave NE	X	Divided	4,290	Count	No	No	No	No	Paved	Gravel	Paved			4,290	Thru-Stop	No	No	No	
515.01	US Hwy 83 & 201st Ave NE	X	Divided	3,328	Count	No	No	No	No	Paved	E - Paved, W - Gravel	Gravel			3,328	Thru-Stop	No	No	Yes	
515.02	NE 197th St & 201st Ave NE	X	Undivided	70	Count	No	No	No	No	Gravel	Gravel				70	Unknown	No	No	No	
516.01	NE 197th St & 227th Ave NE	X	Undivided	70	Count	No	No	No	No	Gravel	Gravel				70	Unknown	No	No	No	
517.01	North Dakota Hwy 36 & NE 171st St	X	Undivided	875	Count	No	No	No	No	Paved	Gravel	Paved			875	Thru-Stop	No	No	No	
518.01	North Dakota Hwy 14 & 214th Ave NE	X	Undivided	485	Count	No	No	No	No	Paved	Gravel	Gravel			485	Thru-Stop	No	No	Yes	
519.01	North Dakota Hwy 36 & Main St S	T	Undivided	768	Count	No	No	No	No	Paved	Paved				768	Thru-Stop	No	No	No	
519.02	Main St & Railroad St	X	Undivided	230	Count	No	No	Yes	No	Paved	Paved				230	Thru-Stop	No	No	No	
519.03	NE 145th St & New Johns Lake Rd	X	Undivided	30	Count	No	Yes	No	No	Gravel	Gravel				30	Unknown	No	No	No	
521.01	US Hwy 83 & 149th Ave NW	X	Divided	4,408	Count	No	Yes	No	No	Paved	W - Paved, E - Gravel	Paved			4,408	Thru-Stop	No	No	Yes	
522.01	SE 52nd St & 48th Ave SE	T	Undivided	1,043	Count	No	No	No	No	Paved	Gravel	Paved			1,043	Thru-Stop	No	No	No	
523.01	North Dakota Hwy 1804 & SE Desert Rd	T	Undivided	1,038	Count	No	Yes	No	No	Paved	Paved	Paved			1,038	Thru-Stop	No	No	No	
524.01	NE 26th St & 97th Ave NE	X	Undivided	590	Count	No	No	No	No	Paved	Paved				590	Thru-Stop	No	No	Yes	
526.01	S Washington St & 48th Ave SW	X	Undivided	900	Count	No	No	No	No	Paved	Paved				900	Thru-Stop	No	No	No	
526.02	SE 12th St & 48th Ave SE	X	Undivided	1,388	Count	No	No	No	No	Paved	Paved				1,388	Thru-Stop	No	No	No	
526.03	US Hwy 83 & 48th Ave SE	X	Undivided	3,268	Count	No	No	No	No	Paved	W - Paved, E - Gravel	Paved			3,268	Thru-Stop	No	No	No	
527.01	North Dakota Hwy 1804 & N Washington St	X	Undivided	4,428	Count	No	No	No	No	Paved	Paved				4,428	Thru-Stop	No	No	No	
531.01	North Dakota Hwy 1804 & NW 15th St	X	Undivided	2,833	Count	No	No	Yes	No	Paved	N - Paved, S - Gravel	Gravel			2,833	Thru-Stop	No	No	Yes	
532.01	NW River Rd & Wilderness Cove Rd	T	Undivided	2,013	Count	No	No	No	No	Paved	Paved				2,013	Thru-Stop	No	No	No	
532.02	NW River Rd & Sandy River Rd NW	T	Undivided	1,890	Count	No	No	No	No	Paved	Paved				1,890	Thru-Stop	No	No	No	
532.03	NW River Rd & Burnt Creek Rd (SOUTH)	T	Undivided	1,940	Count	No	No	No	No	Paved	Paved				1,940	Thru-Stop	No	No	No	
532.04	NW River Rd & Burnt Creek Rd (NORTH)	T	Undivided	633	Count	No	Yes	No	No	Paved	Paved				633	Thru-Stop	No	No	Yes	
532.05	North Dakota Hwy 1804 & Burnt Creek Rd	X	Undivided	1,305	Count	Yes	No	No	No	Paved	Paved				1,305	Thru-Stop	No	No	No	
535.01	North Dakota Hwy 1804 & NW 28th St	T	Undivided	1,465	Count	No	No	No	No	Paved	Paved				1,465	Thru-Stop	No	No	No	

**Burleigh County
Rural Intersection Listing**

Int #	Intersection Description	Skew	On/Near Curve	Development	RR Xing	ADT	Previous STOP (>5mi)	Total Crashes	ADT Cross Product >100,000	Crash Cost
500.01	SE 392nd St & 48th Ave SE	No	Yes	No	No	53	No	0	No	\$ -
500.02	SE 392nd St & 34th Ave SE	No	No	No	No	53	Yes	0	No	\$ -
500.03	NE 405th St & Burleigh County Hwy 1	No	No	Yes	No	605	Yes	1	No	\$ 12,000
500.04	NE 405th St & Interstate 94 EB Ramps	No	No	No	No	213	Yes	0	No	\$ -
500.05	NE 392nd St & 227th Ave NE	No	No	No	No	155	No	0	No	\$ -
500.06	NE 392nd St & North Dakota Hwy 36	No	No	No	No	368	No	0	No	\$ -
501.01	12th Ave SW & 435th Ave NE	No	No	No	No	745	Yes	0	No	\$ -
501.02	NE 145th St & 435th Ave NE	No	Yes	No	No	68	Yes	0	No	\$ -
502.01	North Dakota Hwy 1804 & 266th Ave NE	No	Yes	No	No	305	Yes	0	No	\$ -
502.02	US Hwy 83 & 266th Ave NE	No	No	No	No	3853	Yes	1	Yes	\$ 12,000
502.03	NE 184th St & NE 266th St	No	No	No	No	50	No	0	No	\$ -
502.04	NE 197th St & 266th Ave NE	No	No	No	No	55	Yes	0	No	\$ -
503.01	SE Moffit Rd & SE 158th St	No	No	No	No	570	No	1	No	\$ 824,000
504.01	US Hwy 83 & 89th Ave SE	No	No	No	No	1065	Yes	0	No	\$ -
505.01	SE 66th St & Lincoln Rd SE	No	No	Yes	No	41465	No	0	Yes	\$ -
505.02	SE 93rd St & Lincoln Rd SE	No	No	No	No	480	No	1	No	\$ 12,000
505.03	SE 158th St & Lincoln Rd SE	No	No	No	No	333	No	0	No	\$ -
505.04	US Hwy 83 & 34th Ave SE	No	No	No	No	1485	Yes	0	No	\$ -
505.05	US Hwy 83 & 48th Ave SE	No	No	No	No	1480	Yes	0	No	\$ -
506.01	NE 236th St & County Hwy 1	No	Yes	No	No	838	No	0	No	\$ -
506.03	NE 249th St & 214th Ave NE	No	No	No	No	70	No	0	No	\$ -
506.04	NE 249th St & 227th Ave NE	No	No	No	No	53	No	0	No	\$ -
507.01	NE 158th St & Apple Creek Rd SE	No	Yes	No	Yes	603	Yes	0	No	\$ -
507.02	NE 158th St & County Hwy 10	No	No	No	No	1560	Yes	5	Yes	\$ 308,000
508.01	North Dakota Hwy 1804 & SE 106th St	Yes	No	No	No	610	No	1	No	\$ 12,000
508.02	North Dakota Hwy 1804 & SE 93rd St	No	No	No	No	735	No	1	Yes	\$ 91,000
508.03	SE 93rd St & Apple Creek Rd SE	No	No	No	No	805	Yes	1	Yes	\$ 91,000
509.01	NE 106th St & County Hwy 10	Yes	No	No	No	1583	No	1	No	\$ 136,000
509.03	NE 106th St & 71st Ave NE	No	Yes	No	No	133	No	1	No	\$ 12,000
509.04	NE 119th St & 201st Ave NE	No	No	No	No	125	No	0	No	\$ -
510.01	US Hwy 83 & 71st Ave NE	No	No	No	No	9618	No	16	Yes	\$ 519,000
510.02	NE 26th St & 71st Ave NE	No	No	No	No	4198	No	6	Yes	\$ 320,000
510.03	NE 41st St & 71st Ave NE (WEST)	No	Yes	No	No	5460	No	2	Yes	\$ 24,000
510.04	NE 41st St & 71st Ave NE (EAST)	No	Yes	No	No	1833	No	1	No	\$ 12,000
510.05	NE 66th St & 71st Ave NE	No	No	No	No	350	No	0	No	\$ -
511.01	SE 66th St & Apple Creek Rd	No	No	No	No	3990	No	10	Yes	\$ 571,000
512.01	SE 66th St & County Hwy 10	No	No	No	No	6998	No	8	Yes	\$ 496,000
513.01	US Hwy 83 & County Hwy 10	No	No	No	No	2235	Yes	1	Yes	\$ 12,000
514.01	North Dakota Hwy 1804 & 175th Ave NE	No	Yes	No	No	348	No	1	No	\$ 12,000
514.02	US Hwy 83 & 175th Ave NE	No	No	No	No	4290	No	1	Yes	\$ 136,000
515.01	US Hwy 83 & 201st Ave NE	No	No	No	No	3328	Yes	2	Yes	\$ 24,000
515.02	NE 197th St & 201st Ave NE	No	No	No	No	70	No	0	No	\$ -
516.01	NE 197th St & 227th Ave NE	No	No	No	No	70	No	0	No	\$ -
517.01	North Dakota Hwy 36 & NE 171st St	No	No	No	No	875	No	1	No	\$ 12,000
518.01	North Dakota Hwy 14 & 214th Ave NE	No	No	No	No	485	Yes	2	No	\$ 836,000
519.01	North Dakota Hwy 36 & Main St S	No	No	No	No	768	No	0	No	\$ -
519.02	Main St & Railroad St	No	No	Yes	No	230	No	0	No	\$ -
519.03	NE 145th St & New Johns Lake Rd	No	Yes	No	No	30	No	0	No	\$ -
521.01	US Hwy 83 & 149th Ave NW	No	Yes	No	No	4408	Yes	1	Yes	\$ 12,000
522.01	SE 52nd St & 48th Ave SE	No	No	No	No	1043	No	1	No	\$ 12,000
523.01	North Dakota Hwy 1804 & SE Desert Rd	No	Yes	No	No	1038	No	1	Yes	\$ 12,000
524.01	NE 26th St & 97th Ave NE	No	No	No	No	590	Yes	1	No	\$ 12,000
526.01	S Washington St & 48th Ave SW	No	No	No	No	900	No	3	Yes	\$ 160,000
526.02	SE 12th St & 48th Ave SE	No	No	No	No	1388	No	1	Yes	\$ 91,000
526.03	US Hwy 83 & 48th Ave SE	No	No	No	No	3268	No	2	Yes	\$ 24,000
527.01	North Dakota Hwy 1804 & N Washington St	No	No	No	No	4428	No	5	Yes	\$ 872,000
531.01	North Dakota Hwy 1804 & NW 15th St	No	No	Yes	No	2833	Yes	6	Yes	\$ 72,000
532.01	NW River Rd & Wilderness Cove Rd	No	No	No	No	2013	No	3	No	\$ 36,000
532.02	NW River Rd & Sandy River Rd NW	No	No	No	No	1890	No	4	Yes	\$ 48,000
532.03	NW River Rd & Burnt Creek Rd (SOUTH)	No	No	No	No	1940	No	9	Yes	\$ 108,000
532.04	NW River Rd & Burnt Creek Rd (NORTH)	No	Yes	No	No	633	Yes	1	No	\$ 12,000
532.05	North Dakota Hwy 1804 & Burnt Creek Rd	Yes	No	No	No	1305	No	4	Yes	\$ 572,000
535.01	North Dakota Hwy 1804 & NW 28th St	No	No	No	No	1465	No	1	Yes	\$ 12,000

**Burleigh County
Rural Intersection Prioritization**

Rank	Int #	Intersection Description	Skew	On/Near Curve	Development	RR Xing	Previous STOP (>5mi)	Total Crashes	ADT Cross Product >100,000	Priority	Crash Cost
1	531.01	North Dakota Hwy 1804 & NW 15th St			*		*	*	*	★★★★	\$ 72,000
2	521.01	US Hwy 83 & 149th Ave NW		*			*	*	*	★★★★	\$ 12,000
3	532.05	North Dakota Hwy 1804 & Burnt Creek Rd	*					*	*	★★★	\$ 572,000
4	507.02	NE 158th St & County Hwy 10					*	*	*	★★★	\$ 308,000
5	508.03	SE 93rd St & Apple Creek Rd SE					*	*	*	★★★	\$ 91,000
6	510.03	NE 41st St & 71st Ave NE (WEST)		*				*	*	★★★	\$ 24,000
7	515.01	US Hwy 83 & 201st Ave NE					*	*	*	★★★	\$ 24,000
8	500.03	NE 405th St & Burleigh County Hwy 1			*		*	*	*	★★★	\$ 12,000
9	502.02	US Hwy 83 & 266th Ave NE					*	*	*	★★★	\$ 12,000
10	513.01	US Hwy 83 & County Hwy 10					*	*	*	★★★	\$ 12,000
11	523.01	North Dakota Hwy 1804 & SE Desert Rd		*				*	*	★★★	\$ 12,000
12	532.04	NW River Rd & Burnt Creek Rd (NORTH)		*			*	*	*	★★★	\$ 12,000
13	507.01	NE 158th St & Apple Creek Rd SE		*		*	*	*	*	★★★	\$ -
14	527.01	North Dakota Hwy 1804 & N Washington St						*	*	★★	\$ 872,000
15	518.01	North Dakota Hwy 14 & 214th Ave NE					*	*	*	★★	\$ 836,000
16	511.01	SE 66th St & Apple Creek Rd						*	*	★★	\$ 571,000
17	510.01	US Hwy 83 & 71st Ave NE						*	*	★★	\$ 519,000
18	512.01	SE 66th St & County Hwy 10						*	*	★★	\$ 496,000
19	510.02	NE 26th St & 71st Ave NE						*	*	★★	\$ 320,000
20	526.01	S Washington St & 48th Ave SW						*	*	★★	\$ 160,000
21	509.01	NE 106th St & County Hwy 10	*					*	*	★★	\$ 136,000
22	514.02	US Hwy 83 & 175th Ave NE						*	*	★★	\$ 136,000
23	532.03	NW River Rd & Burnt Creek Rd (SOUTH)						*	*	★★	\$ 108,000
24	508.02	North Dakota Hwy 1804 & SE 93rd St						*	*	★★	\$ 91,000
25	526.02	SE 12th St & 48th Ave SE						*	*	★★	\$ 91,000
26	532.02	NW River Rd & Sandy River Rd NW						*	*	★★	\$ 48,000
27	526.03	US Hwy 83 & 48th Ave SE						*	*	★★	\$ 24,000
28	508.01	North Dakota Hwy 1804 & SE 106th St	*					*	*	★★	\$ 12,000
29	509.03	NE 106th St & 71st Ave NE		*				*	*	★★	\$ 12,000
30	510.04	NE 41st St & 71st Ave NE (EAST)		*				*	*	★★	\$ 12,000
31	514.01	North Dakota Hwy 1804 & 175th Ave NE		*				*	*	★★	\$ 12,000
32	524.01	NE 26th St & 97th Ave NE					*	*	*	★★	\$ 12,000
33	535.01	North Dakota Hwy 1804 & NW 28th St						*	*	★★	\$ 12,000
34	501.02	NE 145th St & 435th Ave NE		*			*	*	*	★★	\$ -
35	502.01	North Dakota Hwy 1804 & 266th Ave NE		*			*	*	*	★★	\$ -
36	505.01	SE 66th St & Lincoln Rd SE			*			*	*	★★	\$ -
37	503.01	SE Moffit Rd & SE 158th St						*	*	★	\$ 824,000
38	532.01	NW River Rd & Wilderness Cove Rd						*	*	★	\$ 36,000
39	505.02	SE 93rd St & Lincoln Rd SE						*	*	★	\$ 12,000
40	517.01	North Dakota Hwy 36 & NE 171st St						*	*	★	\$ 12,000
41	522.01	SE 52nd St & 48th Ave SE						*	*	★	\$ 12,000
42	500.01	SE 392nd St & 48th Ave SE		*				*	*	★	\$ -
43	500.02	SE 392nd St & 34th Ave SE					*	*	*	★	\$ -
44	500.04	NE 405th St & Interstate 94 EB Ramps					*	*	*	★	\$ -
45	501.01	12th Ave SW & 435th Ave NE					*	*	*	★	\$ -
46	502.04	NE 197th St & 266th Ave NE					*	*	*	★	\$ -
47	504.01	US Hwy 83 & 89th Ave SE					*	*	*	★	\$ -
48	505.04	US Hwy 83 & 34th Ave SE					*	*	*	★	\$ -
49	505.05	US Hwy 83 & 48th Ave SE					*	*	*	★	\$ -
50	506.01	NE 236th St & County Hwy 1		*				*	*	★	\$ -
51	519.02	Main St & Railroad St			*			*	*	★	\$ -
52	519.03	NE 145th St & New Johns Lake Rd		*				*	*	★	\$ -
53	500.05	NE 392nd St & 227th Ave NE						*	*	★	\$ -
54	500.06	NE 392nd St & North Dakota Hwy 36						*	*	★	\$ -
55	502.03	NE 184th St & NE 266th St						*	*	★	\$ -
56	505.03	SE 158th St & Lincoln Rd SE						*	*	★	\$ -
57	506.03	NE 249th St & 214th Ave NE						*	*	★	\$ -
58	506.04	NE 249th St & 227th Ave NE						*	*	★	\$ -
59	509.04	NE 119th St & 201st Ave NE						*	*	★	\$ -
60	510.05	NE 66th St & 71st Ave NE						*	*	★	\$ -
61	515.02	NE 197th St & 201st Ave NE						*	*	★	\$ -
62	516.01	NE 197th St & 227th Ave NE						*	*	★	\$ -
63	519.01	North Dakota Hwy 36 & Main St S						*	*	★	\$ -

Totals Total Stars -- 3 13 4 1 21 37 24
5% 21% 6% 2% 33% 59% 38%

#	%
★★★★★★	0 0%
★★★★★	0 0%
★★★★	0 0%
★★★	2 3%
★★	11 17%
★	23 37%
*	16 25%
-	11 17%
	63 100%

- Stars**
- Skew - If intersection is skewed at an angle of 15 degrees or greater.
 - On/Near Curve - If intersection is on or within 1,000 feet of curve.
 - Development - If intersection aerial shows a commercial development with access near intersection.
 - RR Xing - If intersection has a railroad crossing on any approach within 500 feet.
 - Previous STOP (>5 mi) - If vehicles approaching the stop control have not had a previous stop along the roadway within 5 miles
 - Total Crashes - If intersection has at least 1 crash.
 - Ratio (Min/Maj) - If intersection has an ADT ratio in the range of 0.2 to 0.8.

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

North Dakota Hwy 1804 & NW 15th St

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 1435
Entering ADT: 2833 Minor ADT: 35

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	6	0	0.00
Rate (per MVM)	1.2	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	Yes	Yes	★
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	6	>0	★

★★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	1	\$450.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$11,700.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,530
Local Match (10% of Total project cost)	\$1,170
Total Project Cost	\$11,700

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

US Hwy 83 & 149th Ave NW

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Divided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 2248
Entering ADT: 4408 Minor ADT: 35

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.1	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	Yes	Yes	★
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	1	>0	★

★★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	1	\$25,000.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$37,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$33,435
Local Match (10% of Total project cost)	\$3,715
Total Project Cost	\$37,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

North Dakota Hwy 1804 & Burnt Creek Rd

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 528
Entering ADT: 1305 Minor ADT: 180

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	4	3	1.00
Rate (per MVM)	1.7	1.3	0.4

	Value	Critical	Risk Ranking
Skew	Yes	Yes	★
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	No	Yes	
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	4	>0	★
			★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$12,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,935
Local Match (10% of Total project cost)	\$1,215
Total Project Cost	\$12,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

NE 158th St & County Hwy 10

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 913
Entering ADT: 1560 Minor ADT: 648

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	5	0	0.00
Rate (per MVM)	1.8	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	5	>0	★
			★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$62,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$55,935
Local Match (10% of Total project cost)	\$6,215
Total Project Cost	\$62,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

SE 93rd St & Apple Creek Rd SE

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: T Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 575
Entering ADT: 805 Minor ADT: 460

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.7	0.0	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	1	>0	★
			★★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	1	\$350.00	
Upgrade Junction Sign	\$350 per sign	1	\$350.00	
Upgrade Stop Ahead Sign	\$450 per sign	1	\$450.00	
Upgrade Stop Ahead Marking	\$450 per marking	1	\$450.00	
Upgrade Stop Bar	\$250 per marking	1	\$250.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$10,300.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$9,270
Local Match (10% of Total project cost)	\$1,030
Total Project Cost	\$10,300

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

NE 41st ST & 71st Ave NE (WEST)

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 4535
Entering ADT: 5460 Minor ADT: 925

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	2	0	0.00
Rate (per MVM)	0.2	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	Yes	Yes	★
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	No	Yes	
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	2	>0	★
			★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$62,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$55,935
Local Match (10% of Total project cost)	\$6,215
Total Project Cost	\$62,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

US Hwy 83 & 201st Ave NE

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Divided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 3150
Entering ADT: 3328 Minor ADT: 178

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	2	0	0.00
Rate (per MVM)	0.3	0.0	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	2	>0	★
			★★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	1	\$25,000.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	1	\$450.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$36,700.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$33,030
Local Match (10% of Total project cost)	\$3,670
Total Project Cost	\$36,700

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

NE 405th St & Burleigh County Hwy 1

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 310
Entering ADT: 605 Minor ADT: 295

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.9	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	Yes	Yes	★
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	No	≥ 100,000	
Total Crashes	1	>0	★
			★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$12,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,935
Local Match (10% of Total project cost)	\$1,215
Total Project Cost	\$12,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

US Hwy 83 & 266th Ave NE

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Divided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 3800
Entering ADT: 3853 Minor ADT: 53

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.1	0.0	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	1	>0	★
			★★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$12,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,935
Local Match (10% of Total project cost)	\$1,215
Total Project Cost	\$12,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

US Hwy 83 & County Hwy 10

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 1865
Entering ADT: 2235 Minor ADT: 370

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.2	0.0	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	1	>0	★
			★★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$62,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$55,935
Local Match (10% of Total project cost)	\$6,215
Total Project Cost	\$62,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

North Dakota Hwy 1804 & SE Desert Rd

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: T Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: #DIV/0!
Entering ADT: 1038 Minor ADT: #DIV/0!

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.5	0.0	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	Yes	Yes	★
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	No	Yes	
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	1	>0	★
			★★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	1	\$350.00	
Upgrade Junction Sign	\$350 per sign	1	\$350.00	
Upgrade Stop Ahead Sign	\$450 per sign	1	\$450.00	
Upgrade Stop Ahead Marking	\$450 per marking	1	\$450.00	
Upgrade Stop Bar	\$250 per marking	1	\$250.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$60,300.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$54,270
Local Match (10% of Total project cost)	\$6,030
Total Project Cost	\$60,300

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

NW River Rd & Burnt Creek Rd (NORTH)

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: T Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 180
Entering ADT: 633 Minor ADT: 180

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	1	0	0.00
Rate (per MVM)	0.9	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	Yes	Yes	★
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	No	≥ 100,000	
Total Crashes	1	>0	★
			★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	1	\$350.00	
Upgrade Junction Sign	\$350 per sign	1	\$350.00	
Upgrade Stop Ahead Sign	\$450 per sign	1	\$450.00	
Upgrade Stop Ahead Marking	\$450 per marking	1	\$450.00	
Upgrade Stop Bar	\$250 per marking	1	\$250.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$10,300.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$9,270
Local Match (10% of Total project cost)	\$1,030
Total Project Cost	\$10,300

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

NE 158th St & Apple Creek Rd SE

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 468
Entering ADT: 603 Minor ADT: 135

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	0	0	0.00
Rate (per MVM)	0.0	0.0	0.0

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	Yes	Yes	★
Development	No	Yes	
Near RR Crossing	Yes	Yes	★
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	No	≥ 100,000	
Total Crashes	0	>0	

★★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes - .
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	0	\$0.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$6,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,535
Local Match (10% of Total project cost)	\$615
Total Project Cost	\$6,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

North Dakota Hwy 1804 & N Washington St

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 2828
Entering ADT: 4428 Minor ADT: 35

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	5	0	1.00
Rate (per MVM)	0.6	0.0	0.1

	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	No	Yes	
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	5	>0	★★



Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$62,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$55,935
Local Match (10% of Total project cost)	\$6,215
Total Project Cost	\$62,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

North Dakota Hwy 14 & 214th Ave NE

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 450
Entering ADT: 485 Minor ADT: 35

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	2	1	1.00
Rate (per MVM)	2.3	1.1	1.1



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	Yes	Yes	★
Volume Cross Product	No	≥ 100,000	
Total Crashes	2	>0	★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	0	\$0.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	0	\$0.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$6,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,535
Local Match (10% of Total project cost)	\$615
Total Project Cost	\$6,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

SE 66th St & Apple Creek Rd

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Configuration: X Traffic Control Device: Thru-Stop
Configuration (2): Undivided Street Lights: No
Urban/Rural: Rural Flashers: No
County: Burleigh Major ADT: 3115
Entering ADT: 3990 Minor ADT: 875

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

	Total	Angle	K+A
Crashes	10	5	0.00
Rate (per MVM)	1.4	0.7	0.0



	Value	Critical	Risk Ranking
Skew	No	Yes	
On/Near Curve	No	Yes	
Development	No	Yes	
Near RR Crossing	No	Yes	
Distance from previous STOP	No	Yes	
Volume Cross Product	Yes	≥ 100,000	★
Total Crashes	10	>0	★★

Describe Proposed Safety Improvements

Description	Unit Cost	Units	Cost	Notes -
Roundabout	\$1,000,000 per intersection	0	\$0.00	
Directional Median	\$750,000 per intersection	0	\$0.00	
Mainline Dynamic Warning Sign	\$50,000 per intersection	1	\$50,000.00	
Close Median	\$25,000 per intersection	0	\$0.00	
Installing Street Lights	\$6,000 per street light	1	\$6,000.00	
Upgrade Stop Sign	\$350 per sign	2	\$700.00	
Upgrade Junction Sign	\$350 per sign	2	\$700.00	
Upgrade Stop Ahead Sign	\$450 per sign	2	\$900.00	
Upgrade Stop Ahead Marking	\$450 per marking	2	\$900.00	
Upgrade Stop Bar	\$250 per marking	2	\$500.00	
Review Signs and CST	\$2,450 per intersection	1	\$2,450.00	
			\$62,150.00	

Signs and Markings and Street Light project costs vary by the number of minor legs associated with the intersection.

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$55,935
Local Match (10% of Total project cost)	\$6,215
Total Project Cost	\$62,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Burleigh County Rural Segment Projects

Corridor ID	Local Street Name	Start	End	Length	Risk Ranking	4" Edge Line	Shoulder Rumble Strip	Edge Line Rumble Strip	Center Line Rumble	Project Cost (\$)
528.01	12th St	Oahe Bend	1/4 mile north of Burleigh Ave	2.2	*****	0.0	0.0	2.2	2.2	\$14,300
530.01	Sibley Dr	12th St	Hester Dr	2.0	*****	0.0	2.0	0.0	0.0	\$6,000
527.01	Washington St	Mile south of 48th Ave	Burleigh Ave	1.8	*****	0.0	0.0	1.8	0.0	\$6,300
530.02	Sibley Dr	Hester Dr	48th Ave	1.7	****	0.0	0.0	1.7	0.0	\$5,950
532.01	River Rd	1/4 mile north of Burnt Boat Dr	Burnt Creek Loop	3.9	****	0.0	3.9	0.0	3.9	\$23,400
535.01	Burnt Creek Loop	River Rd	State Route 1804	3.4	****	0.0	0.0	3.4	0.0	\$11,900
525.01	41st St	US Hwy 83	26th St	2.0	****	0.0	2.0	0.0	2.0	\$12,000
510.01	71st St	US Hwy 83	106th St	7.1	****	0.0	0.0	7.1	7.1	\$46,150
526.01	48th Ave	England St	State Route 1804	3.0	***	0.0	0.0	3.0	0.0	\$10,500
529.01	Oahe Bend	12th St	Apple Creek Dr	0.8	***	0.0	0.0	0.8	0.0	\$2,800
534.01	Sandy River Rd	West of Wildwood St	River Rd	0.9	***	0.0	0.0	0.9	0.0	\$3,150
533.01	Wilderness Cove	1/4 mile west of River Rd	River Rd	0.3	***	0.0	0.0	0.3	0.0	\$1,050
522.01	52nd St	Woodrow Dr	Lincoln Rd	2.6	***	2.6	0.0	0.0	0.0	\$1,040
500.02	405th St	30th Ave	Interstate 94	1.9	***	0.0	0.0	1.9	0.0	\$6,650
535.02	Burnt Creek Loop	State Route 1804	State Route 1804	1.6	***	0.0	0.0	1.6	0.0	\$5,600
512.02	66th St	Lincoln Rd	County Hwy 10	3.0	***	0.0	3.0	0.0	3.0	\$18,000
511.01	Apple Creek Rd	Yegan Rd	158th St	9.4	***	0.0	0.0	9.4	0.0	\$32,900
						2.6	10.9	34.1	18.2	\$207,690

Detailed Corridor Information

Burleigh County Corridors														Access		Weighted ADT
≥ 45 MPH OR ≤ 40 MPH														Total	Access/Mile	
Corridor	Local Name	Start	End	Road Type	Speed Limit	Length	Edge Risk Assessment	ERA 2	Lane Width	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter?	Shoulder Type	Total	Access/Mile	Weighted ADT
500.01	392nd St	Intersection with 48th Ave	Intersection with 30th Ave	Rural CMC Gravel		6.78	no photo						None	36	5.3	130
500.02	405th St	Intersection with 30th Ave	Intersection with Interstate 94	Rural Paved	Low	1.90	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	41	21.5	375
500.03	405th St	Intersection with Interstate 94	Intersection with 110th Ave	Rural Paved	High	4.12	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	28	6.8	145
500.04	392nd St	Intersection with 110th Ave	Intersection with 240th Ave	Rural CMC Gravel		11.08	no photo						None	38	3.4	140
500.05	392nd St	Intersection with 240th Ave	Intersection with state route 36	Rural Paved	High	5.70	1		12	4	0	No	Paved	30	5.3	155
500.06	392nd St	Intersection with state route 36	About a mile north of state route 36	Rural Paved	High	1.00	1		12	2	0	No	Paved	8	8.0	190
500.07	392nd St	About a mile north of state route 36	Intersection with 20th Ave	Rural CMC Gravel		13.62	no photo						None	48	3.5	133
501.01	435th Ave	Intersection with state route 9	Intersection with 145th St	Rural CMC Gravel		7.96	no photo						None	49	6.2	40
502.01	266th Ave	Intersection with state route 1804	Intersection with US Hwy 83	Rural CMC Gravel		5.15	no photo						None	29	5.6	190
502.02	266th Ave	Intersection with US Hwy 83	Intersection with 26th St	Rural Paved	High	2.01	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	15	7.5	160
502.03	266th Ave	Intersection with 26th St	Intersection with 197th St	Rural CMC Gravel		12.98	no photo						None	73	5.6	125
503.01	Moffit Rd	Intersection with 185th St	Intersection with US Hwy 83	Rural Paved	High	12.55	1		12	6	0	No	Paved	61	4.9	140
504.01	102nd Ave	Intersection with US Hwy 83	Border of Burleigh about a mile east of 353rd St	Rural CMC Gravel		10.88	no photo						None	36	3.3	170
505.01	Lincoln Rd	Intersection with 6th St	Intersection with 93rd St	Rural Paved		1.99	no photo						None	23	11.5	413
505.02	Lincoln Rd	Intersection with 93rd St	Intersection with 236th St	Rural CMC Gravel		10.83	no photo						None	10	0.9	69
505.03	34th Ave	Intersection with 236th St	Intersection with US Hwy 83	Rural CMC Gravel		5.98	no photo						None	20	3.3	170
505.04	48th Ave	Intersection with US Hwy 83	Intersection with 392nd St	Rural CMC Gravel		5.92	no photo						None	23	3.9	200
505.05	34th Ave	Intersection with 392nd St	Intersection with 18th Ave	Rural CMC Gravel		3.98	no photo						None	12	3.0	35
506.01	236th St	Intersection with County Hwy 10	Intersection with Interstate 94	Rural Paved	High	0.95	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	15	15.8	270
506.02	294th St	Intersection with Interstate 94	Intersection with 227th Ave	Rural CMC Gravel		16.06	no photo						None	80	5.0	140
507.01	158th St	Intersection with Moffit Rd	Intersection with Lincoln Rd	Rural Paved	High	4.99	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	17	3.4	320
507.02	158th St	Intersection with Lincoln Rd	Intersection with Interstate 94	Rural Paved	High	4.87	1		12	2	0	No	Paved	43	8.8	461
507.03	158th St	Intersection with Interstate 94	Intersection with 57th Ave	Rural Paved	High	1.97	1		12	2	1	No	Composite	15	7.6	160
508.01	93rd St	Intersection with state route 1804	Intersection with Lincoln Rd	Rural Paved	High	4.93	1		12	2	1	No	Composite	34	6.9	205
508.02	93rd St	Intersection with Lincoln Rd	Intersection with Apple Creek Rd	Rural Paved	High	2.00	1		12	2	0	No	Paved	24	12.0	460
509.02	106th St	Intersection with Interstate 94	Intersection with 123rd Ave	Rural CMC Gravel		6.99	no photo						None	33	4.7	130
509.03	119th St	Intersection with 123rd Ave	Intersection with 201st Ave	Rural CMC Gravel		6.94	no photo						None	33	4.8	130
510.01	71st St	Intersection with US Hwy 83	Intersection with 106th St	Rural Paved	High	7.06	1		12	2	1	No	Composite	80	11.3	1850
511.01	Apple Creek Rd	Intersection with Yegan Rd	Intersection with 158th St	Rural Paved	High	9.40	1		12	2	0	No	Paved	53	5.6	697
512.01	66th St	Intersection with 48th Ave	About a quarter of a mile south of Humbert Dr	Rural CMC Gravel		0.50	no photo						None	20	40.0	1025
512.02	66th St	Intersection with Lincoln Rd	Intersection with County Hwy 10	Rural Paved	High	3.00	1		12	4	1	No	Composite	31	10.3	2421
512.03	66th St	About a mile South of 43rd Ave	Intersection with 43rd Ave	Rural CMC Gravel		0.85	no photo						None	5	5.9	120
512.04	66th St	About a quarter of a mile south of Rocky Rd	About a mile South of 71st Ave	Rural CMC Gravel		0.74	no photo						None	10	13.6	120
513.01	County Hwy 10	Intersection with Lincoln Rd	Intersection with 158th St	Rural Paved	High	7.20	1		12	8	1	No	Composite	54	7.5	1611
513.02	County Hwy 10	Intersection with 158th St	Intersection with 236th St	Rural Paved	High	6.00	1		12	8	0	No	Paved	25	4.2	800
513.03	County Hwy 10	Intersection with 236th St	Intersection with Interstate 94	Rural Paved	High	5.99	1		12	8	0	No	Paved	44	7.3	715
513.04	County Hwy 10	Intersection with Interstate 94	Intersection with 18th Ave	Rural Paved	High	10.54	1		12	8	0	No	Paved	56	5.3	185
514.01	175th Ave	Intersection with state route 1804	Intersection with US Hwy 83	Rural CMC Gravel		4.29	no photo						None	20	4.7	150
515.01	201st Ave	Intersection with US Hwy 83	Intersection with 119th St	Rural Paved	High	9.00	1		12	3	1	No	Composite	60	6.7	212
515.02	201st Ave	Intersection with 119th St	Intersection with 197th St	Rural CMC Gravel		5.98	no photo						None	22	3.7	120
516.01	197th St	Intersection with 201st Ave	Intersection with 266th Ave	Rural CMC Gravel		5.01	no photo						None	17	3.4	120
517.01	184th St	Intersection with 266th Ave	Intersection with state route 36	Rural CMC Gravel		3.02	no photo						None	13	4.3	190
518.01	227th Ave	Intersection with 197th St	Intersection with 249th St	Rural CMC Gravel		4.01	no photo						None	16	4.0	120
518.02	214th Ave	Intersection with 249th St	Intersection with state route 14	Rural CMC Gravel		4.99	no photo						None	23	4.6	120
518.03	214th Ave	Intersection with state route 14	Intersection with 392nd St	Rural CMC Gravel		6.99	no photo						None	28	4.0	120
519.01	Main St	Intersection with state route 36	Intersection with Charles St	Rural Paved	High	1.08	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	10	9.2	190
519.02	145th St	Intersection with Charles St	Intersection with 435th Ave	Rural CMC Gravel		10.27	no photo						None	43	4.2	30
519.03	145th St	Intersection with 435th Ave	Intersection with 5th St	Rural CMC Gravel		2.87	no photo						None	18	6.3	15
520.01	461st Ave	Intersection with 145th St	Intersection with 6th Ave	Rural CMC Gravel		7.48	no photo						None	32	4.3	140
521.01	149th Ave	Intersection with 34th St	Intersection with US Hwy 83	Rural Paved	High	2.46	1		12	3	0	No	Paved	24	9.8	155
522.01	52nd St	Intersection with Woodrow Dr	Intersection with Lincoln Rd	Rural Paved	Low	2.57	3		12	0	0	No	None	26	10.1	120
523.01	Desert Rd	Intersection with 115th Ave	Intersection with state route 1804	Rural Paved	High	2.06	3		12	0	0	No	None	14	6.8	140
524.01	26th St	Intersection with 71st St	Intersection with 123rd Ave	Rural Paved	High	4.01	1		12	4	1	No	Composite	47	11.7	339
525.01	41st St	Intersection with US Hwy 83	Intersection with 26th St	Rural Paved	High	1.99	1		12	8	0	No	Paved	20	10.1	5283
526.01	48th Ave	Intersection with England St	Intersection with state route 1804	Rural Paved	Low	2.99	3		12	0	0	No	None	51	17.0	659
526.02	48th Ave	Intersection with 552nd St	Intersection with Pinewood Loop	Rural CMC Gravel		0.50	no photo						None	11	22.0	120
527.01	Washington St	About a mile south of 48th Ave	Intersection with Burleigh Ave	Rural Paved	Low	1.75	3		12	0	0	No	None	23	13.1	765
527.02	Washington St	About a half a mile south of 57th Ave	Intersection with state route 1804	Rural Paved	High	1.36	1		12	4	0	No	Paved	13	9.6	2895
528.01	12th St	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	Rural Paved	Low	2.25	3		12	0	0	No	None	29	12.9	1298
529.01	Oahe Bend	Intersection with 12th St	Intersection with Apple Creek Dr	Rural Paved	Low	0.84	3		12	0	0	No	None	11	13.0	450
530.01	Sibley Dr	Intersection with 12th St	Intersection with Hester Dr	Rural Paved	Low	2.04	2	Useable shoulder, no reasonable clear zone	12	0	2	No	Gravel	35	17.1	725
530.02	Sibley Dr	Intersection with Hester Dr	Intersection with 48th Ave	Rural Paved	Low	1.73	3		12	0	0	No	None	22	12.7	663
531.01	15th St	Intersection with state route 1804	Intersection with Welle Loop	Rural Paved	High	1.33	1		12	4	0	No	Paved	12	9.0	125
532.01	River Rd	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	Rural Paved	Low	3.94	2	Useable shoulder, no reasonable clear zone	12	2	0	No	Paved	24	6.1	1516
533.01	Wilderness Cove	About a quarter mile west of River Rd	Intersection with River Rd	Rural Paved	Low	0.34	3		14	0	0	No	None	7	20.7	160
534.01	Sandy River Rd	Just west of Wildwood St	Intersection with River Rd	Rural Paved	Low	0.95	3		12	0	0	No	None	19	20.1	350
535.01	Burnt Creek Loop	Intersection with River Rd	Intersection with state route 1804	Rural Paved	Low	3.43	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	38	11.1	315
535.02	Burnt Creek Loop	Intersection with state route 1804	Intersection with state route 1804	Rural Paved	High	1.59	2	Reasonable clearzone, no useable shoulder	12	0	0	No	None	16	10.0	130
536.01	106th St	Intersection with 54th St	Intersection with state route 1804	Rural Paved	High	1.75	1		12	2	0	No	Paved	8	4.6	150

334.3

Detailed Corridor Information

Burleigh County Corridors				Years of Data	AADT	Total Crashes	Severe Crashes	Intersection Crashes	Severity					Diagram - SEVERE Only											
Corridor	Local Name	Start	End						K	A	B	C	PDO	Rear End	Sideswipe Passing	Angle (Opp Dir)	Singe Veh	Right Angle	Angle (Same Dir)	Angle (Not Specific)	Head On	Sideswipe Opposing	Rear-to-Rear	Rear-to-Side	
500.01	392nd St	Intersection with 48th Ave	Intersection with 30th Ave	5	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
500.02	405th St	Intersection with 30th Ave	Intersection with Interstate 94	5	375	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
500.03	405th St	Intersection with Interstate 94	Intersection with 110th Ave	5	145	4	-	1	-	-	1	-	3	-	-	-	-	-	-	-					
500.04	392nd St	Intersection with 110th Ave	Intersection with 240th Ave	5	140	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-					
500.05	392nd St	Intersection with 240th Ave	Intersection with state route 36	5	155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
500.06	392nd St	Intersection with state route 36	About a mile north of state route 36	5	190	2	-	-	-	-	-	-	1	1	-	-	-	-	-	-					
500.07	392nd St	About a mile north of state route 36	Intersection with 20th Ave	5	133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
501.01	435th Ave	Intersection with state route 9	Intersection with 145th St	5	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
502.01	266th Ave	Intersection with state route 1804	Intersection with US Hwy 83	5	190	2	-	-	-	-	1	-	1	-	-	-	-	-	-	-					
502.02	266th Ave	Intersection with US Hwy 83	Intersection with 26th St	5	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
502.03	266th Ave	Intersection with 26th St	Intersection with 197th St	5	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
503.01	Moffit Rd	Intersection with 185th St	Intersection with US Hwy 83	5	140	23	1	-	-	1	2	2	18	-	-	-	1	-	-	-	-				
504.01	102nd Ave	Intersection with US Hwy 83	Border of Burleigh about a mile east of 353rd St	5	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
505.01	Lincoln Rd	Intersection with 6th St	Intersection with 93rd St	5	413	5	-	-	-	-	1	-	4	-	-	-	-	-	-	-					
505.02	Lincoln Rd	Intersection with 93rd St	Intersection with 236th St	5	69	5	1	-	-	1	-	1	-	3	-	-	1	-	-	-					
505.03	34th Ave	Intersection with 236th St	Intersection with US Hwy 83	5	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
505.04	48th Ave	Intersection with US Hwy 83	Intersection with 392nd St	5	200	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-					
505.05	34th Ave	Intersection with 392nd St	Intersection with 18th Ave	5	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
506.01	236th St	Intersection with County Hwy 10	Intersection with Interstate 94	5	270	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-					
506.02	294th St	Intersection with Interstate 94	Intersection with 227th Ave	5	140	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-					
507.01	158th St	Intersection with Moffit Rd	Intersection with Lincoln Rd	5	320	7	1	-	-	1	-	-	6	-	-	-	1	-	-	-					
507.02	158th St	Intersection with Lincoln Rd	Intersection with Interstate 94	5	461	11	-	4	-	-	2	-	9	-	-	-	-	-	-	-					
507.03	158th St	Intersection with Interstate 94	Intersection with 57th Ave	5	160	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-					
508.01	93rd St	Intersection with state route 1804	Intersection with Lincoln Rd	5	205	6	-	1	-	-	-	-	6	-	-	-	-	-	-	-					
508.02	93rd St	Intersection with Lincoln Rd	Intersection with Apple Creek Rd	5	460	8	-	-	-	2	1	5	-	-	-	-	-	-	-	-					
509.02	106th St	Intersection with Interstate 94	Intersection with 123rd Ave	5	130	3	-	1	-	-	-	-	3	-	-	-	-	-	-	-					
509.03	119th St	Intersection with 123rd Ave	Intersection with 201st Ave	5	130	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-					
510.01	71st St	Intersection with US Hwy 83	Intersection with 106th St	5	1,850	30	1	1	-	1	3	-	26	-	-	-	1	-	-	-					
511.01	Apple Creek Rd	Intersection with Yegan Rd	Intersection with 158th St	5	697	29	2	4	-	2	-	2	23	-	-	-	2	-	-	-					
512.01	66th St	Intersection with 48th Ave	About a quarter of a mile south of Humbert Dr	5	1,025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
512.02	66th St	Intersection with Lincoln Rd	Intersection with County Hwy 10	5	2,421	50	1	15	-	1	9	2	38	-	-	-	1	-	-	-					
512.03	66th St	About a mile South of 43rd Ave	Intersection with 43rd Ave	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
512.04	66th St	About a quarter of a mile south of Rocky Rd	About a mile South of 71st Ave	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
513.01	County Hwy 10	Intersection with Lincoln Rd	Intersection with 158th St	5	1,611	42	-	2	-	-	3	-	39	-	-	-	-	-	-	-					
513.02	County Hwy 10	Intersection with 158th St	Intersection with 236th St	5	800	6	-	-	-	-	2	-	4	-	-	-	-	-	-	-					
513.03	County Hwy 10	Intersection with 236th St	Intersection with Interstate 94	5	715	10	-	-	-	-	1	-	9	-	-	-	-	-	-	-					
513.04	County Hwy 10	Intersection with Interstate 94	Intersection with 18th Ave	5	185	14	-	-	-	-	3	1	10	-	-	-	-	-	-	-					
514.01	175th Ave	Intersection with state route 1804	Intersection with US Hwy 83	5	150	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-					
515.01	201st Ave	Intersection with US Hwy 83	Intersection with 119th St	5	212	3	-	-	-	-	1	-	2	-	-	-	-	-	-	-					
515.02	201st Ave	Intersection with 119th St	Intersection with 197th St	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
516.01	197th St	Intersection with 201st Ave	Intersection with 266th Ave	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
517.01	184th St	Intersection with 266th Ave	Intersection with state route 36	5	190	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-					
518.01	227th Ave	Intersection with 197th St	Intersection with 249th St	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
518.02	214th Ave	Intersection with 249th St	Intersection with state route 14	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
518.03	214th Ave	Intersection with state route 14	Intersection with 392nd St	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
519.01	Main St	Intersection with state route 36	Intersection with Charles St	5	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
519.02	145th St	Intersection with Charles St	Intersection with 435th Ave	5	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
519.03	145th St	Intersection with 435th Ave	Intersection with 5th St	5	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
520.01	461st Ave	Intersection with 145th St	Intersection with 6th Ave	5	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
521.01	149th Ave	Intersection with 34th St	Intersection with US Hwy 83	5	155	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-					
522.01	52nd St	Intersection with Woodrow Dr	Intersection with Lincoln Rd	5	120	15	-	8	-	-	2	2	11	-	-	-	-	-	-	-					
523.01	Desert Rd	Intersection with 115th Ave	Intersection with state route 1804	5	140	8	-	1	-	-	-	-	8	-	-	-	-	-	-	-					
524.01	26th St	Intersection with 71st St	Intersection with 123rd Ave	5	339	9	-	2	-	-	1	-	8	-	-	-	-	-	-	-					
525.01	41st St	Intersection with US Hwy 83	Intersection with 26th St	5	5,283	9	-	1	-	-	-	1	8	-	-	-	-	-	-	-					
526.01	48th Ave	Intersection with England St	Intersection with state route 1804	5	659	6	-	-	-	-	1	-	5	-	-	-	-	-	-	-					
526.02	48th Ave	Intersection with 552nd St	Intersection with Pinewood Loop	5	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
527.01	Washington St	About a mile south of 48th Ave	Intersection with Burleigh Ave	5	765	12	-	5	-	-	2	2	8	-	-	-	-	-	-	-					
527.02	Washington St	About a half a mile south of 57th Ave	Intersection with state route 1804	5	2,895	10	1	3	1	-	-	-	9	-	-	-	-	1	-	-					
528.01	12th St	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	5	1,298	26	2	16	1	1	5	5	14	-	-	-	2	-	-	-					
529.01	Oahe Bend	Intersection with 12th St	Intersection with Apple Creek Dr	5	450	4	-	-	-	-	-	-	4	-	-	-	-	-	-	-					
530.01	Sibley Dr	Intersection with 12th St	Intersection with Hester Dr	5	725	9	-	-	-	-	2	-	7	-	-	-	-	-	-	-					
530.02	Sibley Dr	Intersection with Hester Dr	Intersection with 48th Ave	5	663	12	1	2	-	1	-	-	11	1	-	-	-	-	-	-					
531.01	15th St	Intersection with state route 1804	Intersection with Welle Loop	5	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
532.01	River Rd	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	5	1,516	52	1	-	-	1	8	-	43	-	-	-	1	-	-	-					
533.01	Wilderness Cove	About a quarter mile west of River Rd	Intersection with River Rd	5	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
534.01	Sandy River Rd	Just west of Wildwood St	Intersection with River Rd	5	350	8	-	2	-	-	1	-	7	-	-	-	-	-	-	-					
535.01	Burnt Creek Loop	Intersection with River Rd	Intersection with state route 1804	5	315	28	-	3	-	-	4	1	23	-	-	-	-	-	-	-					
535.02	Burnt Creek Loop	Intersection with state route 1804	Intersection with state route 1804	5	130	5	1	3	-	1	2	-	2	-	-	-	-	-	1	-					
536.01	106th St	Intersection with 54th St	Intersection with state route 1804	5	150	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-					
						501	13	75	5	8	65	20	403	1	10	1	8%	1	8%	1	0%	0%	0%	0%	0%
									1%	2%	###	4%	80%	8%	0%	0%	77%	0%	0%	8%	8%	0%	0%	0%	0%

Detailed Corridor Information

Burleigh County Corridors				Light Conditions - SEVERE Only					Road Condition - SEVERE Only				Road Characteristics		
Corridor	Local Name	Start	End	Day	Dawn/ Dusk	Dark with Streetlights	Dark	Other/ Unknown	Dry	Wet	Snow/ Slush	Other	Straight	On Curve	Other
				500.01	392nd St	Intersection with 48th Ave	Intersection with 30th Ave	-	-	-	-	-	-	-	-
500.02	405th St	Intersection with 30th Ave	Intersection with Interstate 94	-	-	-	-	-	-	-	-	-	-	-	-
500.03	405th St	Intersection with Interstate 94	Intersection with 110th Ave	-	-	-	-	-	-	-	-	-	-	-	-
500.04	392nd St	Intersection with 110th Ave	Intersection with 240th Ave	-	-	-	-	-	-	-	-	-	-	-	-
500.05	392nd St	Intersection with 240th Ave	Intersection with state route 36	-	-	-	-	-	-	-	-	-	-	-	-
500.06	392nd St	Intersection with state route 36	About a mile north of state route 36	-	-	-	-	-	-	-	-	-	-	-	-
500.07	392nd St	About a mile north of state route 36	Intersection with 20th Ave	-	-	-	-	-	-	-	-	-	-	-	-
501.01	435th Ave	Intersection with state route 9	Intersection with 145th St	-	-	-	-	-	-	-	-	-	-	-	-
502.01	266th Ave	Intersection with state route 1804	Intersection with US Hwy 83	-	-	-	-	-	-	-	-	-	-	-	-
502.02	266th Ave	Intersection with US Hwy 83	Intersection with 26th St	-	-	-	-	-	-	-	-	-	-	-	-
502.03	266th Ave	Intersection with 26th St	Intersection with 197th St	-	-	-	-	-	-	-	-	-	-	-	-
503.01	Moffit Rd	Intersection with 185th St	Intersection with US Hwy 83	1	-	-	-	-	1	-	-	-	1	-	-
504.01	102nd Ave	Intersection with US Hwy 83	Border of Burleigh about a mile east of 353rd St	-	-	-	-	-	-	-	-	-	-	-	-
505.01	Lincoln Rd	Intersection with 6th St	Intersection with 93rd St	-	-	-	-	-	-	-	-	-	-	-	-
505.02	Lincoln Rd	Intersection with 93rd St	Intersection with 236th St	-	-	-	1	-	-	-	-	1	-	1	-
505.03	34th Ave	Intersection with 236th St	Intersection with US Hwy 83	-	-	-	-	-	-	-	-	-	-	-	-
505.04	48th Ave	Intersection with US Hwy 83	Intersection with 392nd St	-	-	-	-	-	-	-	-	-	-	-	-
505.05	34th Ave	Intersection with 392nd St	Intersection with 18th Ave	-	-	-	-	-	-	-	-	-	-	-	-
506.01	236th St	Intersection with County Hwy 10	Intersection with Interstate 94	-	-	-	-	-	-	-	-	-	-	-	-
506.02	294th St	Intersection with Interstate 94	Intersection with 227th Ave	-	-	-	-	-	-	-	-	-	-	-	-
507.01	158th St	Intersection with Moffit Rd	Intersection with Lincoln Rd	-	-	-	1	-	1	-	-	-	1	-	-
507.02	158th St	Intersection with Lincoln Rd	Intersection with Interstate 94	-	-	-	-	-	-	-	-	-	-	-	-
507.03	158th St	Intersection with Interstate 94	Intersection with 57th Ave	-	-	-	-	-	-	-	-	-	-	-	-
508.01	93rd St	Intersection with state route 1804	Intersection with Lincoln Rd	-	-	-	-	-	-	-	-	-	-	-	-
508.02	93rd St	Intersection with Lincoln Rd	Intersection with Apple Creek Rd	-	-	-	-	-	-	-	-	-	-	-	-
509.02	106th St	Intersection with Interstate 94	Intersection with 123rd Ave	-	-	-	-	-	-	-	-	-	-	-	-
509.03	119th St	Intersection with 123rd Ave	Intersection with 201st Ave	-	-	-	-	-	-	-	-	-	-	-	-
510.01	71st St	Intersection with US Hwy 83	Intersection with 106th St	-	-	-	1	-	1	-	-	-	1	-	-
511.01	Apple Creek Rd	Intersection with Yegan Rd	Intersection with 158th St	1	-	-	1	-	2	-	-	-	2	-	-
512.01	66th St	Intersection with 48th Ave	About a quarter of a mile south of Humbert Dr	-	-	-	-	-	-	-	-	-	-	-	-
512.02	66th St	Intersection with Lincoln Rd	Intersection with County Hwy 10	1	-	-	-	-	1	-	-	-	1	-	-
512.03	66th St	About a mile South of 43rd Ave	Intersection with 43rd Ave	-	-	-	-	-	-	-	-	-	-	-	-
512.04	66th St	About a quarter of a mile south of Rocky Rd	About a mile South of 71st Ave	-	-	-	-	-	-	-	-	-	-	-	-
513.01	County Hwy 10	Intersection with Lincoln Rd	Intersection with 158th St	-	-	-	-	-	-	-	-	-	-	-	-
513.02	County Hwy 10	Intersection with 158th St	Intersection with 236th St	-	-	-	-	-	-	-	-	-	-	-	-
513.03	County Hwy 10	Intersection with 236th St	Intersection with Interstate 94	-	-	-	-	-	-	-	-	-	-	-	-
513.04	County Hwy 10	Intersection with Interstate 94	Intersection with 18th Ave	-	-	-	-	-	-	-	-	-	-	-	-
514.01	175th Ave	Intersection with state route 1804	Intersection with US Hwy 83	-	-	-	-	-	-	-	-	-	-	-	-
515.01	201st Ave	Intersection with US Hwy 83	Intersection with 119th St	-	-	-	-	-	-	-	-	-	-	-	-
515.02	201st Ave	Intersection with 119th St	Intersection with 197th St	-	-	-	-	-	-	-	-	-	-	-	-
516.01	197th St	Intersection with 201st Ave	Intersection with 266th Ave	-	-	-	-	-	-	-	-	-	-	-	-
517.01	184th St	Intersection with 266th Ave	Intersection with state route 36	-	-	-	-	-	-	-	-	-	-	-	-
518.01	227th Ave	Intersection with 197th St	Intersection with 249th St	-	-	-	-	-	-	-	-	-	-	-	-
518.02	214th Ave	Intersection with 249th St	Intersection with state route 14	-	-	-	-	-	-	-	-	-	-	-	-
518.03	214th Ave	Intersection with state route 14	Intersection with 392nd St	-	-	-	-	-	-	-	-	-	-	-	-
519.01	Main St	Intersection with state route 36	Intersection with Charles St	-	-	-	-	-	-	-	-	-	-	-	-
519.02	145th St	Intersection with Charles St	Intersection with 435th Ave	-	-	-	-	-	-	-	-	-	-	-	-
519.03	145th St	Intersection with 435th Ave	Intersection with 5th St	-	-	-	-	-	-	-	-	-	-	-	-
520.01	461st Ave	Intersection with 145th St	Intersection with 6th Ave	-	-	-	-	-	-	-	-	-	-	-	-
521.01	149th Ave	Intersection with 34th St	Intersection with US Hwy 83	-	-	-	-	-	-	-	-	-	-	-	-
522.01	52nd St	Intersection with Woodrow Dr	Intersection with Lincoln Rd	-	-	-	-	-	-	-	-	-	-	-	-
523.01	Desert Rd	Intersection with 115th Ave	Intersection with state route 1804	-	-	-	-	-	-	-	-	-	-	-	-
524.01	26th St	Intersection with 71st St	Intersection with 123rd Ave	-	-	-	-	-	-	-	-	-	-	-	-
525.01	41st St	Intersection with US Hwy 83	Intersection with 26th St	-	-	-	-	-	-	-	-	-	-	-	-
526.01	48th Ave	Intersection with England St	Intersection with state route 1804	-	-	-	-	-	-	-	-	-	-	-	-
526.02	48th Ave	Intersection with 552nd St	Intersection with Pinewood Loop	-	-	-	-	-	-	-	-	-	-	-	-
527.01	Washington St	About a mile south of 48th Ave	Intersection with Burleigh Ave	-	-	-	-	-	-	-	-	-	-	-	-
527.02	Washington St	About a half a mile south of 57th Ave	Intersection with state route 1804	-	-	-	1	-	-	1	-	-	1	-	-
528.01	12th St	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	-	-	-	2	-	2	-	-	-	2	-	-
529.01	Oahe Bend	Intersection with 12th St	Intersection with Apple Creek Dr	-	-	-	-	-	-	-	-	-	-	-	-
530.01	Sibley Dr	Intersection with 12th St	Intersection with Hester Dr	-	-	-	-	-	-	-	-	-	-	-	-
530.02	Sibley Dr	Intersection with Hester Dr	Intersection with 48th Ave	1	-	-	-	-	1	-	-	-	1	-	-
531.01	15th St	Intersection with state route 1804	Intersection with Welle Loop	-	-	-	-	-	-	-	-	-	-	-	-
532.01	River Rd	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	-	1	-	-	-	1	-	-	-	1	-	-
533.01	Wilderness Cove	About a quarter mile west of River Rd	Intersection with River Rd	-	-	-	-	-	-	-	-	-	-	-	-
534.01	Sandy River Rd	Just west of Wildwood St	Intersection with River Rd	-	-	-	-	-	-	-	-	-	-	-	-
535.01	Burnt Creek Loop	Intersection with River Rd	Intersection with state route 1804	-	-	-	-	-	-	-	-	-	-	-	-
535.02	Burnt Creek Loop	Intersection with state route 1804	Intersection with state route 1804	1	-	-	-	-	-	1	-	-	1	-	-
536.01	106th St	Intersection with 54th St	Intersection with state route 1804	-	-	-	-	-	-	-	-	-	-	-	-

5 1 7 10 2 1 12 1 -
38% 8% 0% 54% 0% 77% 15% 0% 8% 92% 8% 0%

**Burleigh County
Rural Segment Listing**

*High Priority Segments Project Sheet Page Number

Project Sheet Page*	Corridor	Route	Start	End	Length (miles)	Lane Departure Crashes	ADT	Lane Departure Density	Access Density	Curves w/ Critical Radius / Mile	Edge Risk Assessment
	500.02	0	Intersection with 30th Ave	Intersection with Interstate 94	1.9	0	375	0.00	21.5	2.10	2
	500.03	0	Intersection with Interstate 94	Intersection with 110th Ave	4.1	2	145	0.10	6.8	0.00	2
	500.05	0	Intersection with 240th Ave	Intersection with state route 36	5.7	0	155	0.00	5.3	0.88	1
	500.06	0	Intersection with state route 36	About a mile north of state route 36	1.0	2	190	0.40	8.0	0.00	1
	502.02	0	Intersection with US Hwy 83	Intersection with 26th St	2.0	0	160	0.00	7.5	0.00	2
	503.01	0	Intersection with 185th St	Intersection with US Hwy 83	12.5	6	140	0.10	4.9	0.16	1
	505.01	0	Intersection with 6th St	Intersection with 93rd St	2.0	2	413	0.20	11.5	0.00	0
	506.01	0	Intersection with County Hwy 10	Intersection with Interstate 94	1.0	1	270	0.21	15.8	0.00	2
	507.01	0	Intersection with Moffit Rd	Intersection with Lincoln Rd	5.0	1	320	0.04	3.4	0.00	2
	507.02	0	Intersection with Lincoln Rd	Intersection with Interstate 94	4.9	1	461	0.04	8.8	0.00	1
	507.03	0	Intersection with Interstate 94	Intersection with 57th Ave	2.0	0	160	0.00	7.6	0.00	1
	508.01	0	Intersection with state route 1804	Intersection with Lincoln Rd	4.9	3	205	0.12	6.9	0.00	1
	508.02	0	Intersection with Lincoln Rd	Intersection with Apple Creek Rd	2.0	3	460	0.30	12.0	0.00	1
	510.01	0	Intersection with US Hwy 83	Intersection with 106th St	7.1	15	1,850	0.43	11.3	0.14	1
	511.01	0	Intersection with Yegan Rd	Intersection with 158th St	9.4	14	697	0.30	5.6	0.43	1
	512.02	0	Intersection with Lincoln Rd	Intersection with County Hwy 10	3.0	14	2,421	0.93	10.3	0.00	1
	513.01	0	Intersection with Lincoln Rd	Intersection with 158th St	7.2	6	1,611	0.17	7.5	0.00	1
	513.02	0	Intersection with 158th St	Intersection with 236th St	6.0	4	800	0.13	4.2	0.33	1
	513.03	0	Intersection with 236th St	Intersection with Interstate 94	6.0	2	715	0.07	7.3	0.00	1
	513.04	0	Intersection with Interstate 94	Intersection with 18th Ave	10.5	8	185	0.15	5.3	0.19	1
	515.01	0	Intersection with US Hwy 83	Intersection with 119th St	9.0	2	212	0.04	6.7	0.00	1
	519.01	0	Intersection with state route 36	Intersection with Charles St	1.1	0	190	0.00	9.2	0.00	2
	521.01	0	Intersection with 34th St	Intersection with US Hwy 83	2.5	0	155	0.00	9.8	0.00	1
	522.01	0	Intersection with Woodrow Dr	Intersection with Lincoln Rd	2.6	6	120	0.47	10.1	0.00	3
	523.01	0	Intersection with 115th Ave	Intersection with state route 1804	2.1	2	140	0.19	6.8	0.49	3
	524.01	0	Intersection with 71st St	Intersection with 123rd Ave	4.0	3	339	0.15	11.7	0.00	1
	525.01	0	Intersection with US Hwy 83	Intersection with 26th St	2.0	4	5,283	0.40	10.1	0.50	1
	526.01	0	Intersection with England St	Intersection with state route 1804	3.0	2	659	0.13	17.0	0.00	3
	527.01	0	About a mile south of 48th Ave	Intersection with Burleigh Ave	1.8	4	765	0.46	13.1	0.00	3
	527.02	0	About a half a mile south of 57th Ave	Intersection with state route 1804	1.4	4	2,895	0.59	9.6	0.00	1
	528.01	0	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	2.2	8	1,298	0.71	12.9	0.44	3
	529.01	0	Intersection with 12th St	Intersection with Apple Creek Dr	0.8	3	450	0.71	13.0	0.00	3
	530.01	0	Intersection with 12th St	Intersection with Hester Dr	2.0	5	725	0.49	17.1	4.40	2
	530.02	0	Intersection with Hester Dr	Intersection with 48th Ave	1.7	3	663	0.35	12.7	0.00	3
	531.01	0	Intersection with state route 1804	Intersection with Welle Loop	1.3	0	125	0.00	9.0	0.00	1
	532.01	0	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	3.9	25	1,516	1.27	6.1	0.51	2
	533.01	0	About a quarter mile west of River Rd	Intersection with River Rd	0.3	0	160	0.00	20.7	5.90	3
	534.01	0	Just west of Wildwood St	Intersection with River Rd	0.9	4	350	0.85	20.1	0.00	3
	535.01	0	Intersection with River Rd	Intersection with state route 1804	3.4	11	315	0.64	11.1	0.87	2
	535.02	0	Intersection with state route 1804	Intersection with state route 1804	1.6	2	130	0.25	10.0	0.00	2
	536.01	0	Intersection with 54th St	Intersection with state route 1804	1.7	1	150	0.11	4.6	2.29	1

147.5 173

Edge Risk Legend

- 3 Risky - NEITHER shoulder or good clear zone
- 2 Either a shoulder OR good clear zone
- 1 BOTH shoulder and a good clear zone

Critical ADT Range - Lane Departure

650
8,000

	Access	Lane Departure	Critical Radius Curves
Total	2412	173	14
Total Mileage	147.5	147.5	147.5
Years			
Average Density (Total/Mile)	16.4	0.23	0.09

Burleigh County
Rural Segment Prioritization - Lane Departure Priority

#	Corridor	Route	#	Start	End	Length	ADT	ADT Range	Lane Departure Density	Access Density	Curve Critical Radius Density	Edge Risk	Tiebreakers		
													Totals	Edge Risk	ADT
1	528.01	0	528	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	2.2	1,298	*	*	*	*	*	*****	3	1,298
2	530.01	0	530	Intersection with 12th St	Intersection with Hester Dr	2.0	725	*	*	*	*	*	*****	2	725
3	527.01	0	527	About a mile south of 48th Ave	Intersection with Burleigh Ave	1.8	765	*	*	*	*	*	****	3	765
4	530.02	0	530	Intersection with Hester Dr	Intersection with 48th Ave	1.7	663	*	*	*	*	*	****	3	663
5	532.01	0	532	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	3.9	1,516	*	*	*	*	*	****	2	1,516
6	535.01	0	535	Intersection with River Rd	Intersection with state route 1804	3.4	315	*	*	*	*	*	****	2	315
7	525.01	0	525	Intersection with US Hwy 83	Intersection with 26th St	2.0	5,283	*	*	*	*	*	****	1	5,283
8	510.01	0	510	Intersection with US Hwy 83	Intersection with 106th St	7.1	1,850	*	*	*	*	*	****	1	1,850
9	526.01	0	526	Intersection with England St	Intersection with state route 1804	3.0	659	*	*	*	*	*	****	3	659
10	529.01	0	529	Intersection with 12th St	Intersection with Apple Creek Dr	0.8	450	*	*	*	*	*	***	3	450
11	534.01	0	534	Just west of Wildwood St	Intersection with River Rd	0.9	350	*	*	*	*	*	***	3	350
12	533.01	0	533	About a quarter mile west of River Rd	Intersection with River Rd	0.3	160	*	*	*	*	*	***	3	160
13	522.01	0	522	Intersection with Woodrow Dr	Intersection with Lincoln Rd	2.6	120	*	*	*	*	*	***	3	120
14	500.02	0	500	Intersection with 30th Ave	Intersection with Interstate 94	1.9	375	*	*	*	*	*	***	2	375
15	535.02	0	535	Intersection with state route 1804	Intersection with state route 1804	1.6	130	*	*	*	*	*	***	2	130
16	512.02	0	512	Intersection with Lincoln Rd	Intersection with County Hwy 10	3.0	2,421	*	*	*	*	*	***	1	2,421
17	511.01	0	511	Intersection with Yegan Rd	Intersection with 158th St	9.4	697	*	*	*	*	*	***	1	697
18	523.01	0	523	Intersection with 115th Ave	Intersection with state route 1804	2.1	140	*	*	*	*	*	**	3	140
19	506.01	0	506	Intersection with County Hwy 10	Intersection with Interstate 94	1.0	270	*	*	*	*	*	**	2	270
20	527.02	0	527	About a half a mile south of 57th Ave	Intersection with state route 1804	1.4	2,895	*	*	*	*	*	**	1	2,895
21	513.02	0	513	Intersection with 158th St	Intersection with 236th St	6.0	800	*	*	*	*	*	**	1	800
22	508.02	0	508	Intersection with Lincoln Rd	Intersection with Apple Creek Rd	2.0	460	*	*	*	*	*	**	1	460
23	507.01	0	507	Intersection with Moffit Rd	Intersection with Lincoln Rd	5.0	320	*	*	*	*	*	*	2	320
24	519.01	0	519	Intersection with state route 36	Intersection with Charles St	1.1	190	*	*	*	*	*	*	2	190
25	502.02	0	502	Intersection with US Hwy 83	Intersection with 26th St	2.0	160	*	*	*	*	*	*	2	160
26	500.03	0	500	Intersection with Interstate 94	Intersection with 110th Ave	4.1	145	*	*	*	*	*	*	2	145
27	513.01	0	513	Intersection with Lincoln Rd	Intersection with 158th St	7.2	1,611	*	*	*	*	*	*	1	1,611
28	513.03	0	513	Intersection with 236th St	Intersection with Interstate 94	6.0	715	*	*	*	*	*	*	1	715
29	524.01	0	524	Intersection with 71st St	Intersection with 123rd Ave	4.0	339	*	*	*	*	*	*	1	339
30	500.06	0	500	Intersection with state route 36	About a mile north of state route 36	1.0	190	*	*	*	*	*	*	1	190
31	513.04	0	513	Intersection with Interstate 94	Intersection with 18th Ave	10.5	185	*	*	*	*	*	*	1	185
32	500.05	0	500	Intersection with 240th Ave	Intersection with state route 36	5.7	155	*	*	*	*	*	*	1	155
33	536.01	0	536	Intersection with 54th St	Intersection with state route 1804	1.7	150	*	*	*	*	*	*	1	150
34	503.01	0	503	Intersection with 185th St	Intersection with US Hwy 83	12.5	140	*	*	*	*	*	*	1	140
35	505.01	0	505	Intersection with 6th St	Intersection with 93rd St	2.0	413	*	*	*	*	*	*	0	413
36	507.02	0	507	Intersection with Lincoln Rd	Intersection with Interstate 94	4.9	461	*	*	*	*	*	*	1	461
37	515.01	0	515	Intersection with US Hwy 83	Intersection with 119th St	9.0	212	*	*	*	*	*	*	1	212
38	508.01	0	508	Intersection with state route 1804	Intersection with Lincoln Rd	4.9	205	*	*	*	*	*	*	1	205
39	507.03	0	507	Intersection with Interstate 94	Intersection with 57th Ave	2.0	160	*	*	*	*	*	*	1	160
40	521.01	0	521	Intersection with 34th St	Intersection with US Hwy 83	2.5	155	*	*	*	*	*	*	1	155
41	531.01	0	531	Intersection with state route 1804	Intersection with Welle Loop	1.3	125	*	*	*	*	*	*	1	125

Total Stars -- 14
 % That Gets Star -- 34%

Stars	#	%	Mileage	%
*****	2	5%	4.2	3%
****	6	15%	19.9	13%
***	9	22%	23.5	16%
**	5	12%	12.5	8%
*	13	32%	62.8	43%
	6	15%	24.6	17%
	41	100%	147.5	100%

Stars
 ADT Range - If segment has an ADT in the range of most at risk ADT based on ATP totals. (> 650)
 Lane Departure Density - If segment has higher lane departure density than the county average (0.23).
 Access Density - If segment has access density than the county average (16.4).
 Curve Critical Radius Density - If segment has higher density of curves with critical radius than the county average (0.09).
 Edge Risk Assessment - Edge risk of 2 or 3, based on assessment of roadway edge and clear zone.

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 528 (12th St) from Oahe Bend to 1/4 mile north of Burleigh Ave

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 12th St
Start: Oahe Bend
End: 1/4 mile north of Burleigh Ave
Facility Type: 0
ADT: 1298
Road Type Rural Paved
County Road 528

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 2.2
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	26	8	2
Density (per mile per year)	2.36	0.73	0.18
Rate (per MVM)	4.99	1.54	0.38

	Value	Critical	Departure
ADT Range	1,298	650≤ADT≤8000	★
RD Density	0.712	0.230	★
Access Density	12.9	10.0	★
Curve Critical Radius Density	0.445	0.090	★
Edge Risk	3	2 or 3	★
			★★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	2.2	\$7,700	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	2.2	\$6,600	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$12,870
Local Match (10% of Total project cost)	\$1,430
Total Project Cost	\$14,300

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 1
Segment ID: 528.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 530 (Sibley Dr) from 12th St to Hester Dr

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Sibley Dr
Start: 12th St
End: Hester Dr
Facility Type: 0
ADT: 725
Road Type Rural Paved
County Road 530

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 2'
Shoulder Type: Gravel
Length (miles): 2.0
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	9	5	0
Density (per mile per year)	0.90	0.50	0.00
Rate (per MVM)	3.40	1.89	0.00

	Value	Critical	Departure
ADT Range	725	650≤ADT≤8000	★
RD Density	0.489	0.230	★
Access Density	17.1	10.0	★
Curve Critical Radius Density	4.403	0.090	★
Edge Risk	2	2 or 3	★

★★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	2.0	\$6,000	
Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,400
Local Match (10% of Total project cost)	\$600
Total Project Cost	\$6,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 2
Segment ID: 530.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 527 (Washington St) from Mile south of 48th Ave to Burleigh Ave

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Washington St
Start: Mile south of 48th Ave
End: Burleigh Ave
Facility Type: 0
ADT: 765
Road Type Rural Paved
County Road 527

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 1.8
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	12	3	0
Density (per mile per year)	1.33	0.33	0.00
Rate (per MVM)	4.78	1.19	0.00

	Value	Critical	Departure
ADT Range	765	650≤ADT≤8000	★
RD Density	0.457	0.230	★
Access Density	13.1	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	1.8	\$6,300	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,670
Local Match (10% of Total project cost)	\$630
Total Project Cost	\$6,300

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
Notes			

Page: 3
Segment ID: 527.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 530 (Sibley Dr) from Hester Dr to 48th Ave

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Sibley Dr
Start: Hester Dr
End: 48th Ave
Facility Type: 0
ADT: 663
Road Type Rural Paved
County Road 530

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 1.7
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	12	3	1
Density (per mile per year)	1.41	0.35	0.12
Rate (per MVM)	5.84	1.46	0.49

	Value	Critical	Departure
ADT Range	663	650≤ADT≤8000	★
RD Density	0.347	0.230	★
Access Density	12.7	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	1.7	\$5,950	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,355
Local Match (10% of Total project cost)	\$595
Total Project Cost	\$5,950

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 4
Segment ID: 530.02
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 532 (River Rd) from 1/4 mile north of Burnt Boat Dr to Burnt Creek Loop

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: River Rd
Start: 1/4 mile north of Burnt Boat Dr Lane Width: 12'
End: Burnt Creek Loop Speed Limit: Low
Facility Type: 0 Shoulder Width: 2'
ADT: 1516 Shoulder Type: Paved
Road Type Rural Paved Length (miles): 3.9
County Road 532 Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	52	25	1
Density (per mile per year)	2.67	1.28	0.05
Rate (per MVM)	4.82	2.32	0.09

	Value	Critical	Departure
ADT Range	1,516	650≤ADT≤8000	★
RD Density	1.270	0.230	★
Access Density	6.1	10.0	
Curve Critical Radius Density	0.508	0.090	★
Edge Risk	2	2 or 3	★

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	3.9	\$11,700	
Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	3.9	\$11,700	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$21,060
Local Match (10% of Total project cost)	\$2,340
Total Project Cost	\$23,400

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 5
Segment ID: 532.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 535 (Burnt Creek Loop) from River Rd to State Route 1804

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Burnt Creek Loop
Start: River Rd
End: State Route 1804
Facility Type: 0
ADT: 315
Road Type Rural Paved
County Road 535

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 3.4
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	28	11	0
Density (per mile per year)	1.65	0.65	0.00
Rate (per MVM)	14.33	5.63	0.00

	Value	Critical	Departure
ADT Range	315	650≤ADT≤8000	
RD Density	0.642	0.230	★
Access Density	11.1	10.0	★
Curve Critical Radius Density	0.875	0.090	★
Edge Risk	2	2 or 3	★

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	3.4	\$11,900	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,710
Local Match (10% of Total project cost)	\$1,190
Total Project Cost	\$11,900

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 6
Segment ID: 535.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 525 (41st St) from US Hwy 83 to 26th St

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 41st St
Start: US Hwy 83
End: 26th St
Facility Type: 0
ADT: 5283
Road Type Rural Paved
County Road 525

Lane Width: 12'
Speed Limit: High
Shoulder Width: 8'
Shoulder Type: Paved
Length (miles): 2.0
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	9	3	0
Density (per mile per year)	0.90	0.30	0.00
Rate (per MVM)	0.47	0.16	0.00

	Value	Critical	Departure
ADT Range	5,283	650≤ADT≤8000	★
RD Density	0.402	0.230	★
Access Density	10.1	10.0	★
Curve Critical Radius Density	0.503	0.090	★
Edge Risk	1	2 or 3	

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	2.0	\$6,000	
Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	2.0	\$6,000	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$10,800
Local Match (10% of Total project cost)	\$1,200
Total Project Cost	\$12,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 7
Segment ID: 525.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 510 (71st St) from US Hwy 83 to 106th St

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 71st St
Start: US Hwy 83
End: 106th St
Facility Type: 0
ADT: 1850
Road Type Rural Paved
County Road 510

Lane Width: 12'
Speed Limit: High
Shoulder Width: 3'
Shoulder Type: Composite
Length (miles): 7.1
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	30	14	1
Density (per mile per year)	0.85	0.39	0.03
Rate (per MVM)	1.25	0.58	0.04

	Value	Critical	Departure
ADT Range	1,850	650≤ADT≤8000	★
RD Density	0.425	0.230	★
Access Density	11.3	10.0	★
Curve Critical Radius Density	0.142	0.090	★
Edge Risk	1	2 or 3	

★★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	7.1	\$24,850	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	7.1	\$21,300	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$41,535
Local Match (10% of Total project cost)	\$4,615
Total Project Cost	\$46,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

Page: 8
Segment ID: 510.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 526 (48th Ave) from England St to State Route 1804

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 48th Ave
Start: England St
End: State Route 1804
Facility Type: 0
ADT: 659
Road Type Rural Paved
County Road 526

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 3.0
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	6	1	0
Density (per mile per year)	0.40	0.07	0.00
Rate (per MVM)	1.66	0.28	0.00

	Value	Critical	Departure
ADT Range	659	650≤ADT≤8000	★
RD Density	0.134	0.230	
Access Density	17.0	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	3.0	\$10,500	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$9,450
Local Match (10% of Total project cost)	\$1,050
Total Project Cost	\$10,500

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
Notes			

Page: 9
Segment ID: 526.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 529 (Oahe Bend) from 12th St to Apple Creek Dr

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Oahe Bend
Start: 12th St
End: Apple Creek Dr
Facility Type: 0
ADT: 450
Road Type Rural Paved
County Road 529

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 0.8
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	4	3	0
Density (per mile per year)	1.00	0.75	0.00
Rate (per MVM)	6.09	4.57	0.00

	Value	Critical	Departure
ADT Range	450	650≤ADT≤8000	
RD Density	0.712	0.230	★
Access Density	13.0	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	0.8	\$2,800	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$2,520
Local Match (10% of Total project cost)	\$280
Total Project Cost	\$2,800

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 529.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 534 (Sandy River Rd) from West of Wildwood St to River Rd

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Sandy River Rd
Start: West of Wildwood St
End: River Rd
Facility Type: 0
ADT: 350
Road Type Rural Paved
County Road 534

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 0.9
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	8	3	0
Density (per mile per year)	1.78	0.67	0.00
Rate (per MVM)	13.92	5.22	0.00



	Value	Critical	Departure
ADT Range	350	650≤ADT≤8000	
RD Density	0.846	0.230	★
Access Density	20.1	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★
			★★★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	0.9	\$3,150	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$2,835
Local Match (10% of Total project cost)	\$315
Total Project Cost	\$3,150

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 533 (Wilderness Cove) from 1/4 mile west of River Rd to River Rd

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Wilderness Cove
Start: 1/4 mile west of River Rd
End: River Rd
Facility Type: 0
ADT: 160
Road Type Rural Paved
County Road 533

Lane Width: 14'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 0.3
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	0	0	0
Density (per mile per year)	0.00	0.00	0.00
Rate (per MVM)	0.00	0.00	0.00

	Value	Critical	Departure
ADT Range	160	650≤ADT≤8000	
RD Density	0.000	0.230	
Access Density	20.7	10.0	★
Curve Critical Radius Density	5.903	0.090	★
Edge Risk	3	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	0.3	\$1,050	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$945
Local Match (10% of Total project cost)	\$105
Total Project Cost	\$1,050

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
Notes			

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HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 522 (52nd St) from Woodrow Dr to Lincoln Rd

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 52nd St
Start: Woodrow Dr
End: Lincoln Rd
Facility Type: 0
ADT: 120
Road Type Rural Paved
County Road 522

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 2.6
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	15	5	0
Density (per mile per year)	1.15	0.38	0.00
Rate (per MVM)	26.34	8.78	0.00

	Value	Critical	Departure
ADT Range	120	650≤ADT≤8000	
RD Density	0.466	0.230	★
Access Density	10.1	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	3	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	2.6	\$1,040	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$936
Local Match (10% of Total project cost)	\$104
Total Project Cost	\$1,040

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 522.01
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 500 (405th St) from 30th Ave to Interstate 94

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 405th St
Start: 30th Ave
End: Interstate 94
Facility Type: 0
ADT: 375
Road Type Rural Paved
County Road 500

Lane Width: 12'
Speed Limit: Low
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 1.9
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	2	0	0
Density (per mile per year)	0.21	0.00	0.00
Rate (per MVM)	1.54	0.00	0.00

	Value	Critical	Departure
ADT Range	375	650≤ADT≤8000	
RD Density	0.000	0.230	
Access Density	21.5	10.0	★
Curve Critical Radius Density	2.102	0.090	★
Edge Risk	2	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	1.9	\$6,650	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,985
Local Match (10% of Total project cost)	\$665
Total Project Cost	\$6,650

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 500.02
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 535 (Burnt Creek Loop) from State Route 1804 to State Route 1804

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Burnt Creek Loop
Start: State Route 1804
End: State Route 1804
Facility Type: 0
ADT: 130
Road Type Rural Paved
County Road 535

Lane Width: 12'
Speed Limit: High
Shoulder Width: 0'
Shoulder Type: None
Length (miles): 1.6
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	5	1	1
Density (per mile per year)	0.63	0.13	0.13
Rate (per MVM)	13.17	2.63	2.63

	Value	Critical	Departure
ADT Range	130	650≤ADT≤8000	
RD Density	0.251	0.230	★
Access Density	10.0	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	2	2 or 3	★
			★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	1.6	\$5,600	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,040
Local Match (10% of Total project cost)	\$560
Total Project Cost	\$5,600

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 535.02
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 512 (66th St) from Lincoln Rd to County Hwy 10

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: 66th St
Start: Lincoln Rd
End: County Hwy 10
Facility Type: 0
ADT: 2421
Road Type Rural Paved
County Road 512

Lane Width: 12'
Speed Limit: High
Shoulder Width: 5'
Shoulder Type: Composite
Length (miles): 3.0
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	50	14	1
Density (per mile per year)	3.33	0.93	0.07
Rate (per MVM)	3.77	1.06	0.08

	Value	Critical	Departure
ADT Range	2,421	650≤ADT≤8000	★
RD Density	0.932	0.230	★
Access Density	10.3	10.0	★
Curve Critical Radius Density	0.000	0.090	
Edge Risk	1	2 or 3	

★★★



Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	3.0	\$9,000	
Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	3.0	\$9,000	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$16,200
Local Match (10% of Total project cost)	\$1,800
Total Project Cost	\$18,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 512.02
Date: 8/14/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

County Road 511 (Apple Creek Rd) from Yegan Rd to 158th St

Agency Name: Burleigh County

ND DOT District: 1

Contact Name: Marcus Hall

Telephone Number: 701-221-6870

Email Address: mahall@nd.gov

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description

Roadway: Apple Creek Rd
Start: Yegan Rd
End: 158th St
Facility Type: 0
ADT: 697
Road Type Rural Paved
County Road 511

Lane Width: 12'
Speed Limit: High
Shoulder Width: 2'
Shoulder Type: Paved
Length (miles): 9.4
Rumble Installed: 0

SHSP Emphasis Area (check all that apply)

- Reduce Alcohol Impaired Driving
- Increase the Use of Safety Restraints for all Occupants
- Younger Driver/Older Driver Safety
- Curb Aggressive Driving
- Improvements to Address Lane Departure Crashes
- Enhancing Emergency Medical Capabilities to Increase Survivability
- Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012

5 years

	Total	Road Dept	K+A
Crashes	29	13	3
Density (per mile per year)	0.62	0.28	0.06
Rate (per MVM)	2.43	1.09	0.25



	Value	Critical	Departure
ADT Range	697	650≤ADT≤8000	★
RD Density	0.298	0.230	★
Access Density	5.6	10.0	
Curve Critical Radius Density	0.425	0.090	★
Edge Risk	1	2 or 3	
			★★★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage	Cost	Notes -
4" Edge Lines	Proactive	\$400	0.0	\$0	
6" Edge Lines	Proactive	\$650	0.0	\$0	
Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0	
Edge Line Rumble Strip	Proactive	\$3,500	9.4	\$32,900	
Ground In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0	
Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
6" Center Line	Proactive	\$650	0.0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$29,610
Local Match (10% of Total project cost)	\$3,290
Total Project Cost	\$32,900

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes

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Segment ID: 511.01
Date: 8/14/2013

Burleigh County Rural Curve Projects

Corridor	Local Street Name	Start	End	# of Curves	Cost	NOTES
500.02	405th St	30th Ave	Interstate 94	4	\$ 28,364	
500.05	392nd St	240th Ave	State Route 36	5	\$ 19,952	
503.01	Moffit Rd	185th St	US Hwy 83	2	\$ 8,452	
510.01	71st St	US Hwy 83	106th St	1	\$ 4,453	
511.01	Apple Creek Rd	Yegan Rd	158th St	1	\$ 6,466	
523.01	Desert Rd	115th Ave	State Route 1804	1	\$ 8,543	
525.01	41st St	US Hwy 83	26th St	1	\$ 3,437	
535.01	Burnt Creek Loop	River Rd	State Route 1804	3	\$ 20,309	
536.01	106th St	54th St	State Route 1804	4	\$ 19,048	
				22	\$ 119,024	

Burleigh County Curves

Curve Count	ID	Corridor	Segment	Start	End	Inside				Outside				Crashes						Risk Criteria				Speed Limit	Risk Ranking	
						Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Total	Total Severe	K	A	B	C	PDO	Radius (ft)	Severe Crash	ADT			Intersection on Curve
1	500E	500.05	0	Intersection with 240th Ave	Intersection with state route 36	4	0	No	Paved	4	0	No	Paved	-	-	-	-	-	-	850	No	155	No	No	High	*
2	503A	503.01	0	Intersection with 185th St	Intersection with US Hwy 83	6	0	No	Paved	6	0	No	Paved	-	-	-	-	-	-	550	No	140	Yes	Yes	High	***
3	503B	503.01	0	Intersection with 185th St	Intersection with US Hwy 83	6	0	No	Paved	6	0	No	Paved	-	-	-	-	-	-	640	No	140	Yes	Yes	High	***
4	536A	536.01	0	Intersection with 54th St	Intersection with state route 1804	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	960	No	150	No	No	High	*
5	536B	536.01	0	Intersection with 54th St	Intersection with state route 1804	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	500	No	150	No	No	High	*
6	536C	536.01	0	Intersection with 54th St	Intersection with state route 1804	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	630	No	150	No	No	High	*
7	536D	536.01	0	Intersection with 54th St	Intersection with state route 1804	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	690	No	150	No	No	High	*
8	523A	523.01	0	Intersection with 115th Ave	Intersection with state route 1804	0	0	No	None	0	0	No	None	1	-	-	-	-	1	1090	No	140	Yes	No	High	**
9	530A	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	280	No	725	Yes	No	Low	*
10	530B	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	420	No	725	No	No	Low	*
11	530C	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	120	No	725	Yes	Yes	Low	**
12	530D	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	250	No	725	Yes	No	Low	*
13	530E	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	280	No	725	Yes	No	Low	*
14	530F	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	3	-	-	-	-	3	440	No	725	Yes	No	Low	*
15	530G	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	480	No	725	No	No	Low	*
16	530H	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	1	-	-	-	-	1	150	No	725	No	No	Low	*
17	530I	530.01	0	Intersection with 12th St	Intersection with Hester Dr	0	2	No	Gravel	0	2	No	Gravel	-	-	-	-	-	-	140	No	725	Yes	Yes	Low	**
18	528A	528.01	0	Intersection with Oahe Bend	A quarter of a mile north of Burleigh Ave	0	0	No	None	0	0	No	None	2	-	-	-	-	2	120	No	1298	No	No	Low	*
19	511A	511.01	0	Intersection with Yegan Rd	Intersection with 158th St	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	1010	No	697	No	No	High	*
20	511B	511.01	0	Intersection with Yegan Rd	Intersection with 158th St	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	3030	No	697	No	No	High	*
21	511C	511.01	0	Intersection with Yegan Rd	Intersection with 158th St	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	2750	No	697	No	No	High	*
22	511D	511.01	0	Intersection with Yegan Rd	Intersection with 158th St	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	4050	No	697	Yes	No	High	*
23	525A	525.01	0	Intersection with US Hwy 83	Intersection with 26th St	8	0	No	Paved	8	0	No	Paved	4	-	-	-	-	4	1150	No	5283	Yes	Yes	High	***
24	510A	510.01	0	Intersection with US Hwy 83	Intersection with 106th St	2	1	No	Composite	2	1	No	Composite	1	-	-	-	-	1	610	No	1850	Yes	Yes	High	***
25	513A	513.02	0	Intersection with 158th St	Intersection with 236th St	8	0	No	Paved	8	0	No	Paved	-	-	-	-	-	-	4200	No	800	No	No	High	*
26	513B	513.02	0	Intersection with 158th St	Intersection with 236th St	8	0	No	Paved	8	0	No	Paved	1	-	-	-	-	1	5600	No	800	No	No	High	*
27	513C	513.04	0	Intersection with Interstate 94	Intersection with 18th Ave	8	0	No	Paved	8	0	No	Paved	-	-	-	-	-	-	5200	No	185	No	No	High	*
28	513D	513.04	0	Intersection with Interstate 94	Intersection with 18th Ave	8	0	No	Paved	8	0	No	Paved	-	-	-	-	-	-	5500	No	185	No	No	High	*
29	500A	500.02	0	Intersection with 30th Ave	Intersection with Interstate 94	0	0	No	None	0	0	No	None	-	-	-	-	-	-	100	No	375	Yes	Yes	Low	***
30	500B	500.02	0	Intersection with 30th Ave	Intersection with Interstate 94	0	0	No	None	0	0	No	None	-	-	-	-	-	-	110	No	375	No	No	Low	*
31	500C	500.02	0	Intersection with 30th Ave	Intersection with Interstate 94	0	0	No	None	0	0	No	None	-	-	-	-	-	-	330	No	375	Yes	Yes	Low	***
32	500D	500.02	0	Intersection with 30th Ave	Intersection with Interstate 94	0	0	No	None	0	0	No	None	-	-	-	-	-	-	390	No	375	Yes	Yes	Low	***
33	500F	500.05	0	Intersection with 240th Ave	Intersection with state route 36	4	0	No	Paved	4	0	No	Paved	-	-	-	-	-	-	920	No	155	Yes	Yes	High	***
34	500G	500.05	0	Intersection with 240th Ave	Intersection with state route 36	4	0	No	Paved	4	0	No	Paved	-	-	-	-	-	-	590	No	155	Yes	No	High	**
35	500H	500.05	0	Intersection with 240th Ave	Intersection with state route 36	4	0	No	Paved	4	0	No	Paved	-	-	-	-	-	-	1330	No	155	Yes	No	High	*
36	500I	500.05	0	Intersection with 240th Ave	Intersection with state route 36	4	0	No	Paved	4	0	No	Paved	-	-	-	-	-	-	610	No	155	Yes	Yes	High	***
37	535A	535.01	0	Intersection with River Rd	Intersection with state route 1804	0	0	No	None	0	0	No	None	1	-	-	-	-	1	380	No	315	Yes	Yes	Low	***
38	535B	535.01	0	Intersection with River Rd	Intersection with state route 1804	0	0	No	None	0	0	No	None	-	-	-	-	-	-	280	No	315	No	No	Low	*
39	535C	535.01	0	Intersection with River Rd	Intersection with state route 1804	0	0	No	None	0	0	No	None	3	-	-	-	-	1	90	No	315	Yes	Yes	Low	***
40	532A	532.01	0	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	2	0	No	Paved	2	0	No	Paved	3	-	-	-	-	3	1410	No	1516	No	No	Low	*
41	532B	532.01	0	About a quarter mile north of Burnt Boat Dr	Intersection with Burnt Creek Loop	2	0	No	Paved	2	0	No	Paved	-	-	-	-	-	-	230	No	1516	No	No	Low	*
42	533A	533.01	0	About a quarter mile west of River Rd	Intersection with River Rd	0	0	No	None	0	0	No	None	-	-	-	-	-	-	350	No	160	Yes	No	Low	*
43	533B	533.01	0	About a quarter mile west of River Rd	Intersection with River Rd	0	0	No	None	0	0	No	None	-	-	-	-	-	-	440	No	160	No	No	Low	*

Stars	Total		Chevroned (% of Stars)	
	#	%	#	%
*****	0	0%	0	0%
****	0	0%	0	0%
***	11	26%	0	0%
**	4	9%	0	0%
*	15	35%	0	0%
	13	30%	0	0%
	43	100%	0	0%

Critical Ranges	Min	Max
Radius	500	1200
ADT	250	650

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on 405th St from 30th Ave to Interstate 94

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: 405th St Start: 30th Ave End: Interstate 94 Facility Type: 0 ADT: 375 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: Low Shoulder Width: 0' Shoulder Type: None Length (miles): 1.9 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
500A	0	0	100	375	Yes	Yes	***	-	-	Chevron	Inside/Outside	Inside/Outside	x	Inspect Curve
500B	0	0	110	375	No	No	*	x	-	Chevron	Inside/Outside	Inside/Outside	x	Inspect Curve
500C	0	0	330	375	Yes	Yes	***	-	-	Chevron	Inside/Outside	Inside/Outside	x	35
500D	0	0	390	375	Yes	Yes	***	-	-	Chevron	Inside/Outside	Inside/Outside	x	35

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more *s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	4	\$13,200
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	4	\$3,200
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.3 miles	\$897
Shoulder Paving	Proactive	\$37,000 per mile	.3 miles	\$11,067
				\$28,364

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$25,528
Local Match (10% of Total project cost)	\$2,836
Total Project Cost	\$28,364

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on 392nd St from 240th Ave to State Route 36

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: 392nd St	Lane Width: 12'
Start: 240th Ave	Speed Limit: High
End: State Route 36	Shoulder Width: 4'
Facility Type: 0	Shoulder Type: Paved
ADT: 155	Length (miles): 5.7
Road Type Rural Paved	Rumble Installed: 0
County Road 0	

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
500E	0	0	850	155	No	No	★	-	-	Chevron	-	Inside/Outside	-	-
500F	0	0	920	155	Yes	Yes	★★★	-	-	Chevron	-	Inside/Outside	x	50
500G	0	0	590	155	Yes	No	★★	0	-	Chevron	-	Inside/Outside	-	-
500H	0	0	1330	155	Yes	No	★	x	-	Chevron	-	Inside/Outside	x	-
500I	0	0	610	155	Yes	Yes	★★★	-	-	Chevron	-	Inside/Outside	x	40

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	5	\$16,500
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	3	\$2,400
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.4 miles	\$1,052
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$19,952

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$17,957
Local Match (10% of Total project cost)	\$1,995
Total Project Cost	\$19,952

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on Moffit Rd from 185th St to US Hwy 83

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: Moffit Rd Start: 185th St End: US Hwy 83 Facility Type: 0 ADT: 140 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: High Shoulder Width: 6' Shoulder Type: Paved Length (miles): 12.5 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
503A	0	0	550	140	Yes	Yes	★★★	-	x	Chevron	-	Inside/Outside	x	40
503B	0	0	640	140	Yes	Yes	★★★	-	x	Chevron	-	Inside/Outside	x	40

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	2	\$6,600
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	2	\$1,600
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.1 miles	\$252
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$8,452

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$7,607
Local Match (10% of Total project cost)	\$845
Total Project Cost	\$8,452

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on 71st St from US Hwy 83 to 106th St

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: 71st St Start: US Hwy 83 End: 106th St Facility Type: 0 ADT: 1850 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: High Shoulder Width: 3' Shoulder Type: Composite Length (miles): 7.1 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
510A	0	0	610	1850	Yes	Yes	***	-	x	Chevron	-	Inside/Outside	x	40

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	1	\$3,300
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	1	\$800
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.1 miles	\$353
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$4,453

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$4,007
Local Match (10% of Total project cost)	\$445
Total Project Cost	\$4,453

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on Apple Creek Rd from Yegan Rd to 158th St

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: Apple Creek Rd Start: Yegan Rd End: 158th St Facility Type: 0 ADT: 697 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: High Shoulder Width: 2' Shoulder Type: Paved Length (miles): 9.4 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
511A	0	0	1010	697	No	No	*	-	x	Chevron	-	Inside/Outside	x	50
511B	0	0	3030	697	No	No	-	-	-	-	-	-	-	-
511C	0	0	2750	697	No	No	-	-	-	-	-	-	-	-
511D	0	0	4050	697	Yes	No	*	-	-	-	-	-	-	-

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more *s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	1	\$3,300
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	1	\$800
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.8 miles	\$2,366
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$6,466

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$5,819
Local Match (10% of Total project cost)	\$647
Total Project Cost	\$6,466

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on Desert Rd from 115th Ave to State Route 1804

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: Desert Rd Start: 115th Ave End: State Route 1804 Facility Type: 0 ADT: 140 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: High Shoulder Width: 9' Shoulder Type: None Length (miles): 2.1 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
523A	0	0	1090	140	Yes	No	★★	-	x	Chevron	Inside/Outside	Inside/Outside	x	50

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	1	\$3,300
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	1	\$800
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.1 miles	\$333
Shoulder Paving	Proactive	\$37,000 per mile	.1 miles	\$4,110
				\$8,543

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$7,689
Local Match (10% of Total project cost)	\$854
Total Project Cost	\$8,543

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on 41st St from US Hwy 83 to 26th St

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: 41st St Start: US Hwy 83 End: 26th St Facility Type: 0 ADT: 5283 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: High Shoulder Width: 9' Shoulder Type: Paved Length (miles): 2.0 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
525A	0	0	1150	5283	Yes	Yes	★★★	-	x	Chevron	-	Inside/Outside	-	-

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	1	\$3,300
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	0	\$0
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.0 miles	\$137
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$3,437

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$3,094
Local Match (10% of Total project cost)	\$344
Total Project Cost	\$3,437

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on Burnt Creek Loop from River Rd to State Route 1804

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: Burnt Creek Loop Start: River Rd End: State Route 1804 Facility Type: 0 ADT: 315 Road Type Rural Paved County Road 0	Lane Width: 12' Speed Limit: Low Shoulder Width: 9' Shoulder Type: None Length (miles): 3.4 Rumble Installed: 0	SHSP Emphasis Area (check all that apply) <input type="checkbox"/> Reduce Alcohol Impaired Driving <input type="checkbox"/> Increase the Use of Safety Restraints for all Occupants <input type="checkbox"/> Younger Driver/Older Driver Safety <input type="checkbox"/> Curb Aggressive Driving <input checked="" type="checkbox"/> Improvements to Address Lane Departure Crashes <input type="checkbox"/> Enhancing Emergency Medical Capabilities to Increase Survivability <input type="checkbox"/> Improve Intersection Safety
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Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
535A	0	0	380	315	Yes	Yes	★★★	-	-	Chevron	Inside/Outside	Inside/Outside	x	35
535B	0	0	280	315	No	No	★	x	-	Chevron	Inside/Outside	Inside/Outside	x	Inspect Curve
535C	0	0	90	315	Yes	Yes	★★★	-	-	Chevron	Inside/Outside	Inside/Outside	x	Inspect Curve

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	3	\$9,900
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	3	\$2,400
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.2 miles	\$601
Shoulder Paving	Proactive	\$37,000 per mile	.2 miles	\$7,409
				\$20,309

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$18,278
Local Match (10% of Total project cost)	\$2,031
Total Project Cost	\$20,309

NDDOT Central Office Only

Project Accepted?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Reference Number	ID Number
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Notes

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming
SFN 59959 (06-2011)

Curves on 106th St from Intersection with 54th St to State Route 1804

Agency Name: Burleigh County
Contact Name: Marcus Hall
Email Address: mahall@nd.gov

ND DOT District: 1
Telephone Number: 701-221-6870

Please attach a location map(s). You may use additional sheets to further describe your project.

Location Description (Corridor Containing Curves)

Roadway: 106th St
Start: Intersection with 54th St
End: State Route 1804
Facility Type: 0
ADT: 150
Road Type Rural Paved
County Road 0

Lane Width: 12'
Speed Limit: High
Shoulder Width: 9'
Shoulder Type: Paved
Length (miles): 1.7
Rumble Installed: 0

- SHSP Emphasis Area (check all that apply)
- Reduce Alcohol Impaired Driving
 - Increase the Use of Safety Restraints for all Occupants
 - Younger Driver/Older Driver Safety
 - Curb Aggressive Driving
 - Improvements to Address Lane Departure Crashes
 - Enhancing Emergency Medical Capabilities to Increase Survivability
 - Improve Intersection Safety

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes, 2008 - 2012 5 years

Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Proximity or Existing Chevrons	Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
536A	0	0	960	150	No	No	★	-	x	Chevron	-	Inside/Outside	x	50
536B	0	0	500	150	No	No	★	-	x	Chevron	-	Inside/Outside	x	40
536C	0	0	630	150	No	No	★	-	x	Chevron	-	Inside/Outside	x	40
536D	0	0	690	150	No	No	★	-	x	Chevron	-	Inside/Outside	x	40

*Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc

Ranking Criteria

Criteria	Curves are selected for project if:
Severe Crashes > 0	- 3 or more ★s
Radius 500 to 1200	- x in Proximity or Existing Chevron column
ADT 250 to 650	- x in High Priority Segment + Critical Radius column
Intersection on Curve Yes	
Visual Trap Yes	

Describe Proposed Safety Improvements

Description	Type	Unit Cost	Quantity	Total cost
Chevrons	Proactive	\$3,300 per curve	4	\$13,200
Arrow Board Only	Proactive	\$500 per curve	0	\$0
Advance Warning Sign/Speed Advisory Plaque	Proactive	\$800 per curve	4	\$3,200
Shoulder Rumble Strip	Proactive	\$3,000 per mile	.9 miles	\$2,648
Shoulder Paving	Proactive	\$37,000 per mile	.0 miles	\$0
				\$19,048

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$17,144
Local Match (10% of Total project cost)	\$1,905
Total Project Cost	\$19,048

NDDOT Central Office Only

Project Accepted? Yes No Reference Number ID Number

Notes