Ward County

The total project cost suggested for Ward County is \$2,598,146. 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 Ward County Project Costs

Project Type	Cost
Intersections	\$ 2,122,800
Roadway Segments	\$ 366,070
Curves	\$ 109,276
Total	\$ 2,598,146

TABLE 4-3Ward County – Rural Intersection Projects

Train C	Journy – Kurai intersection i	10,000		Mainline			Review	
			Directio	Dynamic	Install		Signs &	
Inter		Risk	nal	Warning	Street	Signs &	Clearing/	Project
ID	Description	Ranking	Median	Sign	Lights	Markings	Grubbing	Cost (\$)
	436th Ave NW (Ward 2)							
1.01	& 6th St NW/415th Ave NW (Ward 1)	****			.,	.,	.,	#0.050
1.01	590th St NW (Ward 2) &	***	-	-	Х	Х	Х	\$9,950
2.01	436th Ave NW (Ward 2)	***	_	_	_	×	×	\$5,700
	US Highway 52 & 422nd							, , , , ,
	Ave NW/6th St NE							
2.02	(Ward 2)	****	-	Х	Installed	Х	Х	\$54,300
	US Highway 52 & 394th							
5.02	St NW (Ward 5)	***	-	-	Х	Х	Х	\$10,300
	US Highway 52/2nd Ave & Power St/Main St							
5.03	(Ward 5)	****	_	_	Installed	×	×	\$4,300
0.00	ND State Highway 28 &	~ ~ ~ ~ ~			motanea	^	^	Ψ4,000
	198th Ave							
	NW/Washington Ave W							
6.02	(Ward 6)	***	-	-	Installed	х	х	\$3,150
	US Highway 52 & 198th							
8.01	St NW (Ward 8)	****	-	-	Installed	Х	Х	\$5,700
8.03	US Highway 83 & 128th Ave NW/NE (Ward 8)	****	v	_		v	v	\$760,750
0.03	338th St SW (Ward 9) &	***	Х		Х	Х	Х	\$700,750
	ND Highway 23/247th							
9.02	Ave SW	****	-	х	x	x	x	\$61,450
	US Highway 2 & 72nd St							
10.01	NW (Ward 10)	***	-	X	Installed	х	х	\$53,500
	Co Rd 15 W (Ward 15)							
10.00	& 46th Ave NW (Ward				la stalla -			60.500
10.02	10) US Highway 83 & 46th	***	-	-	Installed	Х	Х	\$3,500
10.03	Ave NW (Ward 10)	****	_	X	x	x	x	\$60,300
10.00	US Highway 52 & 184th	2222	_	^	<u> </u>	^	^	Ψ00,000
11.01	St NW (Ward 11)	****	-	x	х	x	x	\$59,600
	US Highway 83/S							
	Broadway St & 54th Ave							
14.04	SW/SE (Ward 14)	***	-	X	Х	Х	Х	\$62,150

TABLE 4-3 Ward County – Rural Intersection Projects

	Transmitter 500tion 1			Mainline			Review	
			Directio	Dynamic	Install		Signs &	
Inter		Risk	nal	Warning	Street	Signs &	Clearing/	Project
ID	Description	Ranking	Median	Sign	Lights	Markings	Grubbing	Cost (\$)
	US Hwy 52 & 37th Ave							
14.07	SE (Ward 14)	***	-	X	Х	Х	Х	\$61,450
	US Hwy 52 & 79th Ave							
16.02	SE (Ward 16)	***	-	-	Х	Х	Х	\$12,150
	US Hwy 2 & 54th							
	St/62nd St NW (Ward							
17.01	17)	***	Х	-	Installed	Х	Х	\$753,850
	139th St SE (Ward 23) &							
23.01	ND Hwy 23	***	-	-	х	Х	Х	\$9,850
	142nd St SW (Ward							
	501) & 359th Ave							
	SW/ND Hwy 53 (Ward							
24.02	24)	***	-	-	-	Х	Х	\$5,700
	142nd St SW (Ward							
501.0	501) & 247th Ave							
1	SW/ND Hwy 23	***	-	-	-	Х	Х	\$6,150
504.0	US Hwy 52 & Co Rd 19							
1 304.0	S (Ward 504)	***	_	x	x	х	×	\$59,500
-	(vvaid 304)	^^^	-	^				ψ59,500
504.0	US Hwy 52 & Co Rd 19							
2	S (Ward 504)	***	-	Х	Х	х	Х	\$59,500
		TOTALS	2	9	12	22	22	\$2,122,800

TABLE 4-4Ward County – Rural Segment Projects

Corrid or ID	Local Street Name	Start	End	Shoulder Rumble Strip	Edge Line Rumble Strip	6" Edge Lines	Center Line Rumble	Project Cost (\$)
1.01	534th St	State Route 50	436th Ave	0.0	8.8	0.0	0.0	\$30,800
2.02	436th Ave	590th ST	Ward 11	5.8	0.0	0.0	0.0	\$17,400
5.03	Main St	US Hwy 52	Ward 7	0.0	0.0	1.8	0.0	\$1,170
8.01	128th Ave	US Hwy 52	US Hwy 83	12.9	0.0	0.0	0.0	\$38,700
9.03	310th St	Ward 20	Ward 14	15.5	0.0	0.0	0.0	\$46,500
10.02	19th Ave	Granly St	US Hwy 2	7.6	0.0	0.0	0.0	\$22,800
12.03	4th Ave	55th St	US Hwy 2	4.1	0.0	0.0	4.1	\$24,600
14.02	54th Ave	Ward 9	62nd St	0.0	17.8	0.0	0.0	\$62,300
14.04	54th Ave	US Hwy 83	1 mile east of 13th St	0.0	2.1	0.0	0.0	\$7,350
15.02	57th St	US Hwy 83	Ward 17	0.0	2.2	0.0	2.2	\$14,300
15.03	County Road 15 W	Ward 17	Ward 10	0.0	2.8	0.0	2.8	\$18,200
15.04	County Road 15 W	Ward 10	1 mile South of 86th St	0.0	2.2	0.0	0.0	\$7,700
17.02	54th St	US Hwy 2	Ward 15	0.0	1.3	0.0	1.3	\$8,450
23.04	153rd St	US Hwy 2	66th St	0.0	9.1	0.0	0.0	\$31,850
24.02	359th Ave	142nd St	US Hwy 83	0.0	9.7	0.0	0.0	\$33,950
			TOTALS	45.9	56.0	1.8	10.4	\$ 366,070

TABLE 4-5 Ward County – Rural Curve Projects

Corrid or ID	Local Street Name	Start	End	No. of Curves	Project Cost (\$)
1.01	534th St	State Route 50	436th Ave	4	\$ 5,265
2.02	436th Ave	590th ST	Ward 11	2	\$ 4,209
5.03	Main St	US Hwy 52	Ward 7	6	\$ 25,727
6.03	198th Ave	State Route 28	Reneville 6	1	\$ 3,755
8.01	128th Ave	US Hwy 52	US Hwy 83	1	\$ 6,373
9.03	310th St	Ward 20	Ward 14	4	\$ 1,818
10.01	184th St	Ward 9	Granly St	4	\$ 1,364
10.02	19th Ave	Granly St	US Hwy 2	4	\$ 17,745
10.03	60 th St	Ward 15	US Hwy 83	3	\$ 1,364
12.03	4th Ave	55th St	US Hwy 2	2	\$ 9,109
14.04	54th Ave	US Hwy 83	1 mile east of 13th St	5	\$ 8,873
14.06	37th St	Ward 14A	72nd Ave	1	\$ 4,555
15.04	County Road 15 W	Ward 10	1 mile South of 86th St	4	\$ 5,118
17.01	62nd St	Ward 14	US Hwy 2	3	\$ 5,464
17.02	54th St	US Hwy 2	Ward 15	6	\$ 2,727
23.02	21st Ave	State Route 23	US Hwy 53	1	\$ 4,555
501.03	142nd St	State Route 22	Ward 22	1	\$ 1,255
			TOTALS	52	\$ 109,276

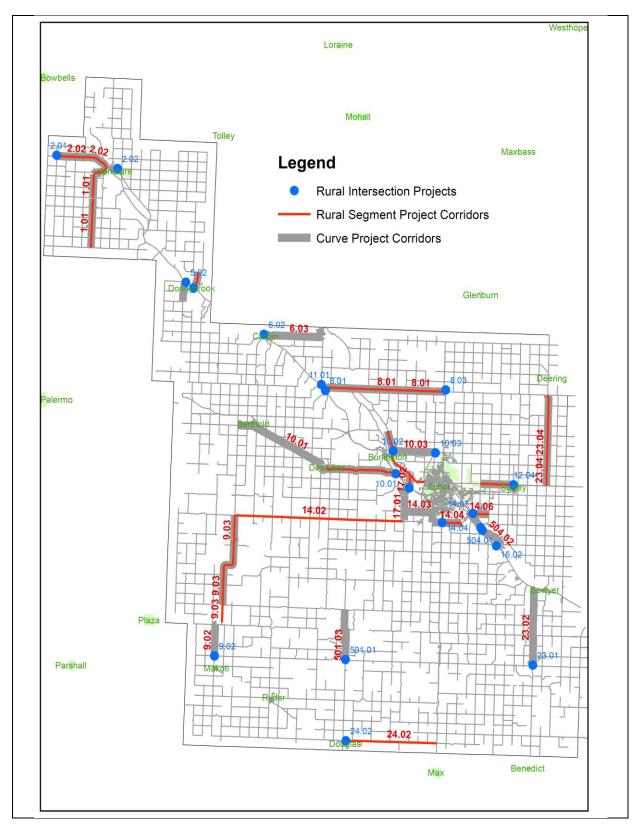


FIGURE 4-8 High-Priority Rural Locations

23 USC 409 NDDOT Reserves All Objections

Ward County

Ward County Rural Intersection Projects

Intersection ID	Risk Ranking	Risk Ranking	Directional Median	Close Median	Mainline Dynamic Warning Sign	Install Street Lights	Signs & Markings	Review Signs & Clearing/G rubbing	Project Cost (\$)
1.01	436th Ave NW (Ward 2) & 6th St NW/415th Ave NW (Ward 1)	****	-		-	Х	Х	х	\$9,950
2.01	590th St NW (Ward 2) & 436th Ave NW (Ward 2)	***	-		-		Х	x	\$5,700
2.02	US Highway 52 & 422nd Ave NW/6th St NE (Ward 2)	****	-		х	Х	Х	x	\$54,300
5.02	US Highway 52 & 394th St NW (Ward 5)	***	-		-	Х	Х	x	\$10,300
5.03	US Highway 52/2nd Ave & Power St/Main St (Ward 5)	****	-		-	ï	х	x	\$4,300
6.02	ND State Highway 28 & 198th Ave NW/Washington Ave W (Ward 6)	***	-		-	-	Х	x	\$3,150
8.01	US Highway 52 & 198th St NW (Ward 8)	****	-		-	-	Х	x	\$5,700
8.03	US Highway 83 & 128th Ave NW/NE (Ward 8)	****	х		-	Х	Х	x	\$760,750
9.02	338th St SW (Ward 9) & ND Highway 23/247th Ave SW	****	-		Х	Х	Х	x	\$61,450
10.01	US Highway 2 & 72nd St NW (Ward 10)	***	-		Х	Х	Х	x	\$53,500
10.02	Co Rd 15 W (ward 15) & 46th Ave NW (Ward 10)	***	-		-	-	Х	x	\$3,500
10.03	US Highway 83 & 46th Ave NW (Ward 10)	****	-		Х	Х	Х	x	\$60,300
11.01	US Highway 52 & 184th St NW (Ward 11)	****	-		Х	Х	Х	x	\$59,600
14.04	US Highway 83/S Broadway St & 54th Ave SW/SE (Ward 14)	***	-		Х	Х	Х	x	\$62,150
14.07	US Hwy 52 & 37th Ave SE (Ward 14)	***	-		Х	Х	Х	x	\$61,450
16.02	US Hwy 52 & 79th Ave SE (Ward 16)	***	-		-	Х	Х	x	\$12,150
17.01	US Hwy 2 & 54th St/62nd St NW (Ward 17)	***	x		-	х	х	x	\$753,850
23.01	139th St SE (Ward 23) & ND Hwy 23	***	-		-	Х	Х	x	\$9,850
24.02	142nd St SW (Ward 501) & 359th Ave SW/ND Hwy 53 (Ward 24)	***	-		-	-	Х	x	\$5,700
501.01	142nd St SW (Ward 501) & 247th Ave SW/ND Hwy 23	***	-		-	-	Х	x	\$6,150
504.01	US Hwy 52 & Co Rd 19 S (Ward 504)	***	-		Х	Х	Х	x	\$59,500
504.02	US Hwy 52 & Co Rd 19 S (Ward 504)	***	-		Х	Х	Х	x	\$59,500
	_		2	0	9	15	22	22	\$2,122,800

Detailed Intersection Information

Ward County Intersection List		Div/Undiv						On if gravel						
						Major Surface	e Minor Surface	Minor Leg Approach						
Int # Sys Num Intersection Description	Config	Config(2) Major 1 Major 2 Minor 1 Minor :		•		Type	Type	Apron Type	Notes	803	Traffic Control Device	Street Lights	Flashers	Previous STOP (>5mi)
1.01 Ward 1 436th Ave NW (Ward 2) & 6th St NW/415th Ave NW (Ward 1) 2.01 Ward 2 590th St NW (Ward 2) & 436th Ave NW (Ward 2)	X	Undivided 440 805 360 Undivided 170 300 120 160		Yes No	Yes No	Paved Paved	Paved Paved/Gravel	Paved Paved/Gravel		375	thru-STOP thru-STOP	No No	No No	No Yes
2.02 Ward 2 US Highway 52 & 422nd Ave NW/6th St NE (Ward 2)	T	Undivided 975 3,375 1,655 685		No Yes	No	Paved	Paved	Paved		3.345	thru-STOP	Yes	No	Yes
2.03 Ward 2 436th St NW (Ward 3) & 422nd Ave NW (Ward 2)	X	Undivided 300 260 70 25		No No	No	Paved	Gravel	Gravel		328	Yield	No	No	Yes
3.01 Ward 3 436th St NW (Ward 3) & 366th Ave NW (Ward 4)	Х	Undivided 50 55 25 29	Count No	No No	No	Gravel	Gravel	Gravel		80	Unknown	Unknown	Unknown	
4.01 Ward 4 US Highway 52 & 366th Ave NW (Ward 4)	Т	Undivided 2,340 1,425 50	Count Yes '	Yes No	No	Paved	Gravel	Gravel		1,908	thru-STOP	No	No	No
5.01 Ward 5 394th St NW (Ward 5) & 184th Ave NW (Ward 6)	Χ	Undivided 55 29 50 29		No No	No	Gravel	Gravel	Gravel		82	Unknown	Unknown	Unknown	
5.02 Ward 5 US Highway 52 & 394th St NW (Ward 5)		Undivided 1,450 2,545 180		Yes No	No	Paved	Paved	Paved		2,088	thru-STOP	No	No	Yes
5.03 Ward 5 US Highway 52/2nd Ave & Power St/Main St (Ward 5) 5.04 Ward 5 55 1/2th St NW (Ward 5) & 282nd Ave NW (Ward 7)	T	Undivided 2,545 1,125 300 Undivided 170 70 230		Yes Yes No No	No No	Paved Gravel	Paved Paved	Paved Paved		1,985 235	thru-STOP Yield	Yes No	No No	Yes
6.01 Ward 6 ND State Highway 28 & 184th Ave NW/Garfield Ave W (Ward 6)	X	Undivided 610 850 60 200		Yes No	No	Paved	Paved	Paved		860	thru-STOP	Yes	No	No
6.02 Ward 6 ND State Highway 28 & 198th Ave NW/Washington Ave W (Ward 6)	T	Undivided 745 610 180		Yes No	Yes	Paved	Paved	Paved		768	thru-STOP	Yes	No	No
6.03 Ward 6 184th St NW (Ward) & 198th Ave NW (Ward 6)	Т	Undivided 250 60 200	Count No	Yes No	No	Paved	Paved	Paved		255	Yield	No	No	Yes
8.01 Ward 8 US Highway 52 & 198th St NW (Ward 8)	Х	Undivided 1,900 2,000 50 180	Count No	Yes Yes	Yes	Paved	Paved/Gravel	Paved/Gravel		2,065	thru-STOP	Yes	No	Yes
8.02 Ward 8 Co Rd 15 W (Ward 15) & 128th Ave NW (Ward 8)	T	Undivided 85 75 70	Count Yes	No No	No	Paved	Gravel	Gravel		115	Yield	No	No	Yes
8.03 Ward 8 US Highway 83 & 128th Ave NW/NE (Ward 8)	X	Div/Undiv 5,695 5,500 305 965		Yes Yes	No	Paved	Paved	Paved		6,233	thru-STOP	No	Overhead	Yes
8.04 Ward 8 27th St NE (Ward 19) & 128th Ave NE (Ward 8)	T	Undivided 965 625 450		No No	No	Paved	Paved	Paved		1,020	thru-STOP	No	No	No
8.05 Ward 8 153rd St NE (Ward 23) & 128th Ave NE (Ward 8) 9.01 Ward 9 338th St SW (Ward 9) & 303rd Ave SW (Ward 22)	X	Undivided 320 110 240 29 Undivided 300 190 120 29		Yes No No	No No	Paved Paved	Paved/Gravel Paved/Gravel	Paved/Gravel Paved/Gravel		350 320	Yield thru-STOP/Yield	No No	No No	Yes No
9.01 Ward 9 330th St SW (Ward 9) & 305h Ave SW (Ward 22) 9.02 Ward 9 338th St SW (Ward 9) & ND Highway 23/247th Ave SW	X	Undivided 3,330 2,720 675 490		No Yes	No	Paved	Paved/Graver	Paved/Graver		3,608	thru-STOP/ field	No	No	Yes
9.03 Ward 9 338th St SW (Ward 9) & 205th Ave SW (Ward 20)	TT	Undivided 675 80 80		No No	No	Paved	Paved/Gravel	Paved	Gravel approach w 50' paved	418	Yield	No	No	Yes
9.04 Ward 9 325th St SW (Ward 9) & 177th Ave SW (Ward 20)	T	Undivided 60 130 40		No No	No	Paved	Paved	Paved	Gravel 500' away from approach	115	Yield	No	No	Yes
9.05 Ward 9 310th St SW (Ward 9) & 54th Ave SW (Ward 14)	X	Undivided 65 110 70 0		No No	No	Paved	Paved	Paved	All approaches are paved, disagrees with Ward_Seg	123	thru-STOP	No	No	Yes
9.06 Ward 9 310th St NW (Ward 9) & 72nd Ave NW (Ward 10)	Х	Undivided 315 30 55 230	Count No	No No	No	Paved	Paved/Gravel	Paved	200' of paved approach for gravel approach	315	thru-STOP	No	No	No
9.07 Ward 9 US Highway 2/86th Ave NW & 310th St NW (Ward 9)	Х	Div/Undiv 2,870 4,140 240 190	Count No	No No	No	Paved	Paved/Gravel	Paved	50' of paved approach for gravel approach	3,720	thru-STOP	No	No	No
10.01 Ward 10 US Highway 2 & 72nd St NW (Ward 10)	T	Div/Undiv 5,865 7,065 915 230		Yes No	Yes	Paved	Paved/Gravel	Paved	20' of paved approach for gravel approach	7,038	thru-STOP	Yes	No	No
10.02 Ward 10 Co Rd 15 W (ward 15) & 46th Ave NW (Ward 10)	T	Undivided 650 400 520		Yes No	No	Paved	Paved	Paved		785	thru-STOP	Yes	No	No
10.03 Ward 10 US Highway 83 & 46th Ave NW (Ward 10)	T	Undivided 6,380 6,630 615		Yes No	No	Paved	Paved	Paved Paved		6,813	thru-STOP	No V	No	No No
10.04 Ward 10 US Highway 83/N Broadway & 46th Ave NE (Ward 10) 10.05 Ward 10 27th St NE (Ward 19) & 46th Ave NE (Ward 10)	X	Div/Undiv 5,895 4,995 6,630 1,775 Undivided 1,095 2,800 1,810 160		No No	No Yes	Paved Paved	Paved Paved/Gravel	Paved	20' of paved approach for gravel approach	9,648 2,933	Signal thru-STOP	Yes No	No No	No No
10.06 Ward 10 55th St NE (Ward 10) & 46th Ave NE (Ward 10)	×	Undivided 170 190 29 29		No No	No	Paved	Unknown	Unknown	Marked as gravel, but is paved	209	Unknown	Unknown	Unknown	No
11.01 Ward 11 US Highway 52 & 184th St NW (Ward 11)	T	Undivided 1,950 1,900 3,330		Yes No	Yes	Paved	Paved	Paved	markou do grafor, bacto parou	3.590	thru-STOP	No	No	No
12.01 Ward 12 62nd St NW (Ward 17) & 22nd St SW (Ward 12)	Т	Undivided 260 550 120	Count Yes	Yes No	No	Paved	Paved	Paved		465	Yield	No	No	No
12.02 Ward 12 27th St NE (Ward 19) & 4th Ave NE (Ward 12)	Х	Undivided 6,295 2,350 4,465 3,265	Count No	No No	No	Paved	Paved	Paved		8,188	All-way STOP	No	No	No
12.03 Ward 12 55th St NE (Ward 12) & 4th Ave NE (Ward 12)	Χ	Undivided 3,115 1,500 2,400 115	Count No	No No	No	Paved	Paved/Gravel	Paved/Gravel		3,565	thru-STOP	No	No	No
12.04 Ward 12 Pleasant Ave N/104th St NE (Ward 12) & 2nd St NW (Ward 12)	X	Undivided 1,290 529 900 529		No Yes	Yes	Paved	Paved	Paved		1,624	thru-STOP	Yes	No	No
12.05 Ward 12 US Highway 2 & 104th St SE (Ward 12)	X	Div/Undiv 2,535 3,680 1,290 290		Yes No	No	Paved	Paved/Gravel	Paved	20' of paved approach for gravel approach	3,898	thru-STOP thru-STOP/Yield	Yes	No	No
12.06 Ward 12 55th St SE (Ward 12) & 37th Ave SE (Ward 14) 12.07 Ward 12 55th St SE (Ward 12) & US Highway 2	X	Undivided 350 529 395 29 Div/Undiv 5,310 4,240 1,610 210		No No	No No	Paved Paved	Paved/Gravel Paved	Paved Paved	20' of paved approach for gravel approach	652 5,685	thru-STOP/Yield	No No	No No	No No
14.01 Ward 14 62nd St SW (Ward 14) & 54th Ave SW (Ward 14)		Undivided 380 775 29		Yes No	No	Paved	Paved	Paved		592	Yield	No	No	No
14.02 Ward 14 62nd St SW (Ward 17) & 37th Ave SW (Ward 14)	X	Undivided 240 775 850 29		No No	No	Paved	Paved/Gravel	Paved/Gravel		947	Yield	No	No	No
14.03 Ward 14 16th St SW (Ward 14) & 37th Ave SW (Ward 14)	Х	Undivided 2,370 7,385 8,825 570	Count No	No Yes	No	Paved	Paved	Paved		9,575	Signal	Yes	No	No
14.04 Ward 14 US Highway 83/S Broadway St & 54th Ave SW/SE (Ward 14)	Х	Div/Undiv 4,575 5,030 270 795	Count No	No Yes	No	Paved	Paved	Paved		5,335	thru-STOP	No	No	No
14.05 Ward 14 38th St SE (Ward 14) & 37th Ave SE (Ward 14)	T	Undivided 300 550 29	Count No	No No	No	Paved	Paved	Paved		440	thru-STOP	Yes	No	No
14.06 Ward 14 Co Hwy 19 S (Ward 504) & 72nd St SE (Ward 14)	T	Undivided 1,050 675 180		Yes No	No	Paved	Paved	Paved		953	thru-STOP	No	No	No
14.07 Ward 14 US Hwy 52 & 37th Ave SE (Ward 14)	X	Div/Undiv 4,180 2,650 180 500	Count 100	No No	No	Paved	Paved	Paved	201 - f d f	3,755	thru-STOP	No	No	No No
14.08 Ward 14 72nd St SE (Ward 14) & 37th Ave SE (Ward 14) 14.09 Ward 14 72nd St SE (Ward 14) & 11th Ave SE	X	Undivided 350 170 29 29 Undivided 1005 170 29 29		No No	No No	Paved Paved	Gravel Paved	Paved Paved	20' of paved approach for gravel approaches	289 617	Unknown Unknown	Unknown	Unknown	No No
15.02 Ward 15 Co Rd 15 W/4th Ave NW (Ward 15) & 54th St NW (Ward 17)	T	Undivided 240 250 170		Yes No	No	Paved	Paved	Paved		330	thru-STOP	Yes	No	No
16.01 Ward 16 US Hwy 83 & 93rd Ave SW (Ward 16)	X	Div/Undiv 2,550 2,550 95 110		No No	No	Paved	Gravel	Paved		2,653	thru-STOP	No	No	Yes
16.02 Ward 16 US Hwy 52 & 79th Ave SE (Ward 16)	Х	Undivided 5,295 4,000 30 140		Yes No	No	Paved	Paved/Gravel	Paved	20' of paved approach for gravel approach	4,733	thru-STOP	No	No	Yes
16.03 Ward 16 Co Rd 19 S (Ward 504) & 79th Ave SE (Ward 16)	Х	Undivided 250 170 140 280	Count Yes	No No	No	Paved	Paved	Paved		420	thru-STOP	No	No	No
17.01 Ward 17 US Hwy 2 & 54th St/62nd St NW (Ward 17)	Х	Div/Undiv 6,195 6,905 825 1,620		Yes No	No	Paved	Paved	Paved		7,773	thru-STOP	Yes	No	Yes
20.01 Ward 20 254th St SW (Ward 500) & 177th Ave SW (Ward 20)	Х	Undivided 210 130 40 40		No No	No	Gravel	Gravel	Gravel		210	Unknown	Unknown	Unknown	
20.02 Ward 20 142nd St SW (Ward 501) & 177th Ave SW (Ward 20)	X	Undivided 50 250 85 29		Yes No	No	Paved	Paved/Gravel	Paved	20' of paved approach for gravel approach	207	thru-STOP	No	No	Yes
20.03 Ward 20 US Hwy 83 & 177th Ave SW (Ward 20)	X	Div/Undiv 4,190 3,780 355 180		No Yes	No	Paved	Paved	Paved		4,253	thru-STOP	No	No	No
22.01 Ward 22 254th St SW/ND Hwy 28 (Ward 500) & 303rd Ave SW (Ward 22) 22.03 Ward 22 142nd St SW (Ward 501) & 303rd Ave SW (Ward 22)	X	Undivided 300 255 240 130 Undivided 70 35 65 10		No No	No No	Paved Gravel	Paved Gravel	Paved Gravel		463 90	thru-STOP Unknown	No Unknown	No Unknown	No
22.04 Ward 22 US Hwy 83 & 303rd Ave SW (Ward 22)	T	Div/Undiv 1,800 3,065 40		Yes No	No	Paved	Gravel	Paved	20' of paved approach for gravel approach	2,453	thru-STOP	No	No	Yes
23.01 Ward 23 139th St SE (Ward 23) & ND Hwy 23	X	Undivided 250 420 270 200		Yes No	No	Paved	Paved	Paved		570	thru-STOP	No	No	Yes
23.02 Ward 23 US Hwy 52 & 139th St SE (Ward 23)	Т	Undivided 3,350 4,885 385		No No	No	Paved	Paved	Paved		4,310	thru-STOP	No	No	No
23.03 Ward 23 153rd St SE (Ward 23) & 79th Ave SE (Ward 16)	Х	Undivided 110 70 60 85	Count No	No No	No	Gravel	Gravel	Gravel		163	Unknown	Unknown	Unknown	
23.04 Ward 23 US Hwy 2/Burdick Expy E & 153rd St NE (Ward 23)	Х	Div/Undiv 2,200 1,900 705 115		No No	No	Paved	Paved/Gravel	Paved	200' of paved approach for gravel approach	2,460	thru-STOP	No	No	Yes
24.01 Ward 24 254th St SW/ND Hwy 28 & 359th Ave SW/ND Hwy 53 (Ward 24)	X	Undivided 285 200 29 155		No No	No	Paved	Paved/Gravel	Paved	20' of paved approach for gravel approach	335	thru-STOP	No	No	Yes
24.02 Ward 24 142nd St SW (Ward 501) & 359th Ave SW/ND Hwy 53 (Ward 24)	X	Undivided 160 0 40 0		Yes No	No	Paved	Paved/Gravel	Paved/Gravel		100	thru-STOP	No	No	Yes
24.03 Ward 24 US Hwy 83 & 359th Ave SW/SE (Ward 24) 500.01 Ward 500 254th St SW/ND Hwy 28 (Ward 500) & 247th Ave SW/ND Hwy 23	X	Div/Undiv 1,700 1,850 290 180 Undivided 2,670 2,490 40 300		No No	No No	Paved Paved	Paved/Gravel Paved/Gravel	Paved/Gravel Paved	20' of paved approach for gravel approach	2,010 2,750	thru-STOP thru-STOP	No No	No No	Yes Yes
501.01 Ward 500 254th St SW/ND Hwy 28 (Ward 500) & 247th Ave SW/ND Hwy 23	X	Undivided 2,870 2,490 40 300 Undivided 1,195 1,235 85 70		Yes No	No	Paved	Paved/Gravel	Paved	100' of paved approach for gravel approach	1,293	thru-STOP	No No	No	Yes
501.01 Ward 501 14210 St SW (Ward 501) & 24701 AVE SW/ND HWy 25 502.01 Ward 502 US Hwy 83 & 135th Ave SW/SE (Ward 502)	X	Div/Undiv 2,600 4,035 100 110		No No	No	Paved	Gravel	Paved	100' of paved approach for gravel approaches	3,423	thru-STOP	No	No	Yes
502.02 Ward 502 US Hwy 52 & 135th Ave SE (Ward 502)	T	Undivided 5,340 3,350 185		No No	No	Paved	Gravel	Paved	100' of paved approach for gravel approach	4,438	thru-STOP	No	No	No
504.01 Ward 504 US Hwy 52 & Co Rd 19 S (Ward 504)	Т	Div/Undiv 3,040 5,295 400		Yes No	No	Paved	Paved	Paved		4,368	thru-STOP	No	No	No
504.02 Ward 504 US Hwy 52 & Co Rd 19 S (Ward 504)	Т	Div/Undiv 2,300 2,975 300	Count No '	Yes Yes	No	Paved	Paved	Paved		2,788	thru-STOP	No	No	No
		-												

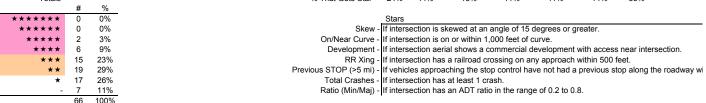
Ward County Intersection List

		Years o	f Total	Severe		Severi	ty		Sideswipe	Angle (Opposite			 Severe Crashes Angle (Same 		Head	Sideswipe	Rear-to-	Rear-to-	Light Conditions - Se Dawn/ Dark v		Road Condi	ition - Sev ONLY Snow/
Int#	Sys Num Intersection Description	Data	Crashes		K	А В	C PE	O Rear	End Passing	Direction)	Veh	Angle	Direction)	Specific)	On	Opposing	Rear	Side	Day Dusk Streetli		n Dry Wet	
1.01	Ward 1 436th Ave NW (Ward 2) & 6th St NW/415th Ave NW (Ward 1)	5	0	0	-		-	-				-			-	-	-	-			-	
2.01	Ward 2 590th St NW (Ward 2) & 436th Ave NW (Ward 2)	6	0	0	-		-	-				-			-	-	-	-				
2.02	Ward 2 US Highway 52 & 422nd Ave NW/6th St NE (Ward 2)	7	0	0	-		-	-				-		-	-	-	-	-			-	
2.03	Ward 2 436th St NW (Ward 3) & 422nd Ave NW (Ward 2)	8	0	0	-		-	-				-			-	-	-	-				
3.01	Ward 3 436th St NW (Ward 3) & 366th Ave NW (Ward 4)	9	1	0	-			1				-			-	-	-	-				
	Ward 4 US Highway 52 & 366th Ave NW (Ward 4)	10	0	0			-	-				-			-	-	-	-				
	Ward 5 394th St NW (Ward 5) & 184th Ave NW (Ward 6)	11	0	0			-	-	-							-	-				1	
	Ward 5 US Highway 52 & 394th St NW (Ward 5)	12	0	0				-							-	•	-				+	
	Ward 5 US Highway 52/2nd Ave & Power St/Main St (Ward 5)	13	0	0				-							-	-					+	
	Ward 5 55 1/2th St NW (Ward 5) & 282nd Ave NW (Ward 7)	14 15	0	0				-							-	-	-				+	<u> </u>
	Ward 6 ND State Highway 28 & 184th Ave NW/Garfield Ave W (Ward 6) Ward 6 ND State Highway 28 & 198th Ave NW/Washington Ave W (Ward		0	0				-														
	Ward 6 184th St NW (Ward) & 198th Ave NW (Ward 6)	17	0	0					-												+	
	Ward 8 US Highway 52 & 198th St NW (Ward 8)	18	0	0				-								_						
	Ward 8 Co Rd 15 W (Ward 15) & 128th Ave NW (Ward 8)	19	0	0				-							-	-	-	-				
8.03	Ward 8 US Highway 83 & 128th Ave NW/NE (Ward 8)	20	0	0	-		-	-				-			-	-	-	-				
8.04	Ward 8 27th St NE (Ward 19) & 128th Ave NE (Ward 8)	21	0	0	-		-	-				-			-	-	-	-			-	
8.05	Ward 8 153rd St NE (Ward 23) & 128th Ave NE (Ward 8)	22	0	0	-		-	-				-			-	-	-	-			-	
9.01	Ward 9 338th St SW (Ward 9) & 303rd Ave SW (Ward 22)	23	0	0	-		-	-				-			-	-	-	-				
9.02	Ward 9 338th St SW (Ward 9) & ND Highway 23/247th Ave SW	24	1	0	-		-	1	-			-		-		-	-	-			-	
	Ward 9 338th St SW (Ward 9) & 205th Ave SW (Ward 20)	25	0	0				-	-					-	-	-	-	-				
	Ward 9 325th St SW (Ward 9) & 177th Ave SW (Ward 20)	26	0	0				-	-							-	-					
	Ward 9 310th St SW (Ward 9) & 54th Ave SW (Ward 14)	27	0	0				-							-	-	-					
	Ward 9 310th St NW (Ward 9) & 72nd Ave NW (Ward 10)	28	0	0				-							-	-	-				+	
	Ward 9 US Highway 2/86th Ave NW & 310th St NW (Ward 9)	29 30	0	0				-							-	-	-				+	
	Ward 10 US Highway 2 & 72nd St NW (Ward 10) Ward 10 Co Rd 15 W (ward 15) & 46th Ave NW (Ward 10)	31	0	0				-													+	
	Ward 10 US Highway 83 & 46th Ave NW (Ward 10)	32	2	0		- 1		1							-						+	
	Ward 10 US Highway 83/N Broadway & 46th Ave NE (Ward 10)	33	11	1		1 -	. 2	8			1 -	-				_		-		1 -	_	1 -
	Ward 10 27th St NE (Ward 19) & 46th Ave NE (Ward 10)	34	0	0				-				-			-	-	-	-				
10.06	Ward 10 55th St NE (Ward 10) & 46th Ave NE (Ward 10)	35	0	0	-		-	-				-			-	-	-	-				
11.01	Ward 11 US Highway 52 & 184th St NW (Ward 11)	36	1	0	-		-	1				-			-	-	-	-			-	
12.01	Ward 12 62nd St NW (Ward 17) & 22nd St SW (Ward 12)	37	0	0	-		-	-				-			-	-	-	-				
12.02	Ward 12 27th St NE (Ward 19) & 4th Ave NE (Ward 12)	38	0	0	-		-	-				-			-	-	-	-			-	
	Ward 12 55th St NE (Ward 12) & 4th Ave NE (Ward 12)	39	0	0	-		-	-				-			-	-	-	-				
	Ward 12 Pleasant Ave N/104th St NE (Ward 12) & 2nd St NW (Ward 12)	40	0	0				-	-						-	-	-				+	
	Ward 12 US Highway 2 & 104th St SE (Ward 12)	41	0	0				-							-	-	-					
	Ward 12 55th St SE (Ward 12) & 37th Ave SE (Ward 14) Ward 12 55th St SE (Ward 12) & US Highway 2	42 43	0	0			-	-				-				-	-				+	
	Ward 14 62nd St SW (Ward 14) & 54th Ave SW (Ward 14)	44	0	0																	-	
	Ward 14 62nd St SW (Ward 17) & 37th Ave SW (Ward 14)	45	0	0	_			-				-			_			-				
	Ward 14 16th St SW (Ward 14) & 37th Ave SW (Ward 14)	46	0	0	-			-				-			-	-	-	-				
14.04	Ward 14 US Highway 83/S Broadway St & 54th Ave SW/SE (Ward 14)	47	1	0	-		-	1				-			-	-	-	-			-	
14.05	Ward 14 38th St SE (Ward 14) & 37th Ave SE (Ward 14)	48	2	0	-		-	2				-			-	-	-	-				
14.06	Ward 14 Co Hwy 19 S (Ward 504) & 72nd St SE (Ward 14)	49	0	0	-		-	-				-			-	-	-	-			-	
	Ward 14 US Hwy 52 & 37th Ave SE (Ward 14)	50	2	0	-		-	2				-			-	-	-	-				
	Ward 14 72nd St SE (Ward 14) & 37th Ave SE (Ward 14)	51	0	0				-	-						-	-	-				+	
	Ward 14 72nd St SE (Ward 14) & 11th Ave SE	52	0	0				-				-	-		-		-	-			-	
	Ward 15 Co Rd 15 W/4th Ave NW (Ward 15) & 54th St NW (Ward 17)	54					-	-						• •	-	•	-	-			-	
	Ward 16 US Hwy 83 & 93rd Ave SW (Ward 16) Ward 16 US Hwy 52 & 79th Ave SE (Ward 16)	55 56	0	0				-								-	-				-	<u> </u>
	Ward 16 OS RWy 52 & 79th Ave SE (Ward 16) Ward 16 Co Rd 19 S (Ward 504) & 79th Ave SE (Ward 16)	57	0	0		-		-													1	
	Ward 17 US Hwy 2 & 54th St/62nd St NW (Ward 17)	58	0	0				-				-			-	-	-				-	
	Ward 20 254th St SW (Ward 500) & 177th Ave SW (Ward 20)	59	0	0				-				-				-	-	-			1	
20.02	Ward 20 142nd St SW (Ward 501) & 177th Ave SW (Ward 20)	60	0	0	-		-	-				-			-	-	-	-			-	
20.03	Ward 20 US Hwy 83 & 177th Ave SW (Ward 20)	61	0	0	-		-	-				-			-	-	-	-				
22.01	Ward 22 254th St SW/ND Hwy 28 (Ward 500) & 303rd Ave SW (Ward 22)	62	0	0	-		-	-				-			-			-			-	
	Ward 22 142nd St SW (Ward 501) & 303rd Ave SW (Ward 22)	63	0	0	-		-	-				-			-	-	-	-				
	Ward 22 US Hwy 83 & 303rd Ave SW (Ward 22)	64	0	0			-	-				-			-	-	-	-				
	Ward 23 139th St SE (Ward 23) & ND Hwy 23	65	0	0				-	-			-			-	-	-	-			+	
	Ward 23 US Hwy 52 & 139th St SE (Ward 23)	66	0	0			-	-							-		-					
	Ward 23 153rd St SE (Ward 23) & 79th Ave SE (Ward 16)	67 68	0	0				-	-			-			-	-	-				-	<u> </u>
	Ward 23 US Hwy 2/Burdick Expy E & 153rd St NE (Ward 23) Ward 24 254th St SW/ND Hwy 28 & 359th Ave SW/ND Hwy 53 (Ward 24)	68	0	0				1				-			-		-				+	<u> </u>
	Ward 24 142nd St SW/ND Hwy 28 & 359th Ave SW/ND Hwy 53 (Ward 24)	70	0	0				-							-	-	-				-	
	Ward 24 US Hwy 83 & 359th Ave SW/SE (Ward 24)	71	0	0		-		-	- :													
	Ward 500 254th St SW/ND Hwy 28 (Ward 500) & 247th Ave SW/ND Hwy 23		0	0				-	-							-					+	
	Ward 501 142nd St SW (Ward 501) & 247th Ave SW/ND Hwy 23	73	0	0			-	-							-	-	-					
	Ward 502 US Hwy 83 & 135th Ave SW/SE (Ward 502)	74	0	0			-	-							-	-	-	-	,			
	Ward 502 US Hwy 52 & 135th Ave SE (Ward 502)	75	2	0				2				-				-	-	-				
504.01	Ward 504 US Hwy 52 & Co Rd 19 S (Ward 504)	76	3	0	-	- 1	-	2				-			-	-	-	-				
504.02	Ward 504 US Hwy 52 & Co Rd 19 S (Ward 504)	77	0	0				-								-	-					
			26		0	1 2	2 2	0	0	4	0	0	0	0	0	0	0	0	0 0 1	0 0	0 1	0 0

Ward County Rural Intersection Listing

Int#	Sys			Skew	On/Near Curve	Development	RR Xing	ADT	Previous STOP (>5mi)		ADT Cross Product >100,000		ish Cost
1.01 2.01	Ward Ward	2	436th Ave NW (Ward 2) & 6th St NW/415th Ave NW (Ward 1) 590th St NW (Ward 2) & 436th Ave NW (Ward 2)	Yes	Yes Yes	No No	Yes	803 375	No Yes	0	Yes No	\$	-
2.01	Ward	2	US Highway 52 & 422nd Ave NW/6th St NE (Ward 2)	Yes	No	Yes	No	3345	Yes	0	Yes	\$	
2.03	Ward	2	436th St NW (Ward 3) & 422nd Ave NW (Ward 2)	No	No	No	No	328	Yes	0	No	\$	-
4.01	Ward	4	US Highway 52 & 366th Ave NW (Ward 4)	Yes	Yes	No	No	1908	No	0	No	\$	-
5.02	Ward	5	US Highway 52 & 394th St NW (Ward 5)	No	Yes	No	No	2088	Yes	0	Yes	\$	-
5.03 6.01	Ward Ward	5 6	US Highway 52/2nd Ave & Power St/Main St (Ward 5) ND State Highway 28 & 184th Ave NW/Garfield Ave W (Ward	Yes	Yes Yes	Yes No	No No	1985 860	Yes No	0	Yes No	\$	-
6.02	Ward	6	ND State Highway 28 & 198th Ave NW/Washington Ave W (Wald		Yes	No	Yes	768	No	0	No	\$	-
6.03	Ward	6	184th St NW (Ward) & 198th Ave NW (Ward 6)	No	Yes	No	No	255	Yes	0	No	\$	-
8.01	Ward	8	US Highway 52 & 198th St NW (Ward 8)	No	Yes	Yes	Yes	2065	Yes	0	Yes	\$	-
8.02	Ward	8	Co Rd 15 W (Ward 15) & 128th Ave NW (Ward 8)	Yes	No	No	No	115	Yes	0	No	\$	-
8.03 8.04	Ward Ward	8	US Highway 83 & 128th Ave NW/NE (Ward 8) 27th St NE (Ward 19) & 128th Ave NE (Ward 8)	No	Yes	Yes	No	6233 1020	Yes	0	Yes	\$	-
8.05	Ward	8	153rd St NE (Ward 23) & 128th Ave NE (Ward 8)	No No	No Yes	No No	No No	350	No Yes	0	Yes No	\$ \$	-
9.01	Ward	9	338th St SW (Ward 9) & 303rd Ave SW (Ward 2)	No	No	No	No	320	No	0	No	\$	-
9.02	Ward	9	338th St SW (Ward 9) & ND Highway 23/247th Ave SW	No	No	Yes	No	3608	Yes	1	Yes	\$	12,000
9.03	Ward	9	338th St SW (Ward 9) & 205th Ave SW (Ward 20)	No	No	No	No	418	Yes	0	No	\$	-
9.04	Ward	9	325th St SW (Ward 9) & 177th Ave SW (Ward 20)	No	No	No	No	115	Yes	0	No	\$	-
9.05 9.06	Ward Ward	9	310th St SW (Ward 9) & 54th Ave SW (Ward 14) 310th St NW (Ward 9) & 72nd Ave NW (Ward 10)	No No	No No	No No	No No	123 315	Yes No	0	No No	\$	-
9.07	Ward	9	US Highway 2/86th Ave NW & 310th St NW (Ward 9)	No	No	No	No	3720	No	0	Yes	\$	-
10.01	Ward	10	US Highway 2 & 72nd St NW (Ward 10)	No	Yes	No	Yes	7038	No	0	Yes	\$	-
10.02	Ward	10	Co Rd 15 W (ward 15) & 46th Ave NW (Ward 10)	Yes	Yes	No	No	785	No	0	Yes	\$	-
10.03	Ward	10	US Highway 83 & 46th Ave NW (Ward 10)	Yes	Yes	No	No	6813	No	2	Yes	\$	148,000
10.04 10.05	Ward Ward	10 10	US Highway 83/N Broadway & 46th Ave NE (Ward 10)	No No	No No	No No	No Yes	9648 2933	No No	11 0	Yes Yes	\$	690,000
10.05	Ward	10	27th St NE (Ward 19) & 46th Ave NE (Ward 10) 55th St NE (Ward 10) & 46th Ave NE (Ward 10)	No	No	No	No	2933	No	0	No	\$	-
11.01	Ward	11	US Highway 52 & 184th St NW (Ward 11)	No	Yes	No	Yes	3590	No	1	Yes	\$	12,000
12.01	Ward	12	62nd St NW (Ward 17) & 22nd St SW (Ward 12)	Yes	Yes	No	No	465	No	0	No	\$	-
12.02	Ward	12	27th St NE (Ward 19) & 4th Ave NE (Ward 12)	No	No	No	No	8188	No	0	Yes	\$	-
12.03	Ward	12	55th St NE (Ward 12) & 4th Ave NE (Ward 12)	No	No	No	No	3565	No	0	Yes	\$	-
12.04 12.05	Ward Ward	12 12	Pleasant Ave N/104th St NE (Ward 12) & 2nd St NW (Ward 12 US Highway 2 & 104th St SE (Ward 12)	No No	No Yes	Yes No	Yes No	1624 3898	No No	0	Yes Yes	\$	-
12.05	Ward	12	55th St SE (Ward 12) & 37th Ave SE (Ward 14)	No	No	No	No	652	No	0	No	<u>φ</u> \$	-
12.07	Ward	12	55th St SE (Ward 12) & US Highway 2	No	No	No	No	5685	No	0	Yes	\$	-
14.01	Ward	14	62nd St SW (Ward 14) & 54th Ave SW (Ward 14)	No	Yes	No	No	592	No	0	No	\$	-
14.02	Ward	14	62nd St SW (Ward 17) & 37th Ave SW (Ward 14)	No	No	No	No	947	No	0	Yes	\$	-
14.03	Ward	14	16th St SW (Ward 14) & 37th Ave SW (Ward 14)	No	No	Yes	No	9575	No	0	Yes	\$	-
14.04 14.05	Ward Ward	14 14	US Highway 83/S Broadway St & 54th Ave SW/SE (Ward 14) 38th St SE (Ward 14) & 37th Ave SE (Ward 14)	No No	No No	Yes No	No No	5335 440	No No	2	Yes No	\$	12,000 24,000
14.06	Ward	14	Co Hwy 19 S (Ward 504) & 72nd St SE (Ward 14)	No	Yes	No	No	953	No	0	No	\$	-
14.07	Ward	14	US Hwy 52 & 37th Ave SE (Ward 14)	Yes	No	No	No	3755	No	2	Yes	\$	24,000
14.08	Ward	14	72nd St SE (Ward 14) & 37th Ave SE (Ward 14)	No	No	No	No	289	No	0	No	\$	-
14.09	Ward	14	72nd St SE (Ward 14) & 11th Ave SE	No	No	No	No	617	No	0	No	\$	-
15.02 16.01	Ward Ward	15 16	Co Rd 15 W/4th Ave NW (Ward 15) & 54th St NW (Ward 17) US Hwy 83 & 93rd Ave SW (Ward 16)	No No	Yes No	No No	No No	330 2653	No Yes	0	No Yes	\$	-
16.01	Ward	16	US Hwy 52 & 79th Ave SE (Ward 16)	No	Yes	No	No	4733	Yes	0	Yes	\$	-
16.03	Ward	16	Co Rd 19 S (Ward 504) & 79th Ave SE (Ward 16)	Yes	No	No	No	420	No	0	No	\$	-
17.01	Ward	17	US Hwy 2 & 54th St/62nd St NW (Ward 17)	No	Yes	No	No	7773	Yes	0	Yes	\$	-
20.02	Ward	20	142nd St SW (Ward 501) & 177th Ave SW (Ward 20)	No	Yes	No	No	207	Yes	0	No	\$	-
20.03	Ward	20	US Hwy 83 & 177th Ave SW (Ward 20)	No	No	Yes	No	4253	No	0	Yes	\$	-
22.01 22.04	Ward Ward	22 22	254th St SW/ND Hwy 28 (Ward 500) & 303rd Ave SW (Ward 2 US Hwy 83 & 303rd Ave SW (Ward 22)	No	No Yes	No No	No No	463 2453	No Yes	0	No No	\$	
23.01	Ward	23	139th St SE (Ward 23) & ND Hwy 23	Yes	Yes	No	No	570	Yes	0	No	\$	-
23.02	Ward	23	US Hwy 52 & 139th St SE (Ward 23)	No	No	No	No	4310	No	0	Yes	\$	-
23.04	Ward	23	US Hwy 2/Burdick Expy E & 153rd St NE (Ward 23)	No	No	No	No	2460	Yes	0	Yes	\$	-
24.01	Ward	24	254th St SW/ND Hwy 28 & 359th Ave SW/ND Hwy 53 (Ward 2		No	No	No	335	Yes	0	No	\$	-
24.02 24.03	Ward Ward	24 24	142nd St SW (Ward 501) & 359th Ave SW/ND Hwy 53 (Ward US Hwy 83 & 359th Ave SW/SE (Ward 24)	Yes No	Yes No	No No	No No	100 2010	Yes Yes	0	No Yes	\$	-
500.01	Ward	500	254th St SW/ND Hwy 28 (Ward 500) & 247th Ave SW/ND Hw	No	No	No	No	2750	Yes	0	Yes	\$	
501.01	Ward	501	142nd St SW (Ward 501) & 247th Ave SW/ND Hwy 23	Yes	Yes	No	No	1293	Yes	0	No	\$	-
502.01	Ward	502	US Hwy 83 & 135th Ave SW/SE (Ward 502)	No	No	No	No	3423	Yes	0	Yes	\$	
502.02	Ward	502	US Hwy 52 & 135th Ave SE (Ward 502)	No	No	No	No	4438	No	2	Yes	\$	24,000
504.01	Ward	504	US Hwy 52 & Co Rd 19 S (Ward 504)	No	Yes	No	No	4368	No	3	Yes	\$	160,000
504.02	Ward	504	US Hwy 52 & Co Rd 19 S (Ward 504)	No	Yes	Yes	No	2788	No	0	Yes	\$	-

1		Sys	#	Intersection Description	Skew	Curve	Development	RR Xing	Previous STOP (>5mi)	Crashes	Product >100,000	Priori
		Ward	5	US Highway 52/2nd Ave & Power St/Main St (Ward 5)	*	*	*		*		*	***
2		Ward	8	US Highway 52 & 198th St NW (Ward 8)		*	*	*	*		*	***
3	10.03	Ward	10 9	US Highway 83 & 46th Ave NW (Ward 10) 338th St SW (Ward 9) & ND Highway 23/247th Ave SW	*	*	*		*	*	*	**
5	11.01		11	US Highway 52 & 184th St NW (Ward 11)		*		*		*	*	**
6			1	436th Ave NW (Ward 2) & 6th St NW/415th Ave NW (Ward 1)	*	*		*			*	**
7	2.02	Ward	2	US Highway 52 & 422nd Ave NW/6th St NE (Ward 2)	*		*		*		*	**
8		Ward	8	US Highway 83 & 128th Ave NW/NE (Ward 8)		*	*		*		*	**
9	504.01			US Hwy 52 & Co Rd 19 S (Ward 504)		*				*	*	*
10	14.07		14	US Hwy 52 & 37th Ave SE (Ward 14)	*					*	*	*
11	14.04	Ward	14 2	US Highway 83/S Broadway St & 54th Ave SW/SE (Ward 14) 590th St NW (Ward 2) & 436th Ave NW (Ward 2)	*	*	*		*	*	*	*
13		Ward	5	US Highway 52 & 394th St NW (Ward 5)		*			*		*	*
14		Ward	6	ND State Highway 28 & 198th Ave NW/Washington Ave W (Ward 6)	*	*		*				*
15	10.01	Ward	10	US Highway 2 & 72nd St NW (Ward 10)		*		*			*	*
16	10.02		10	Co Rd 15 W (ward 15) & 46th Ave NW (Ward 10)	*	*					*	*
17	12.04		12	Pleasant Ave N/104th St NE (Ward 12) & 2nd St NW (Ward 12)			*	*			*	*
18	16.02			US Hwy 52 & 79th Ave SE (Ward 16)		*			*		*	*
19	17.01		17	US Hwy 2 & 54th St/62nd St NW (Ward 17)	*	*			*		*	*
20	23.01		23	139th St SE (Ward 23) & ND Hwy 23 142nd St SW (Ward 501) & 359th Ave SW/ND Hwy 53 (Ward 24)	*	*			*			*
22			501	142nd St SW (Ward 501) & 359th Ave SW/ND Hwy 53 (Ward 24)	*	*			*			*
23	504.02		504			*	*				*	*
24	10.04		10	, ,						*	*	
25	502.02	Ward	502	US Hwy 52 & 135th Ave SE (Ward 502)						*	*	
26			4	US Highway 52 & 366th Ave NW (Ward 4)	*	*						
27		Ward	6	ND State Highway 28 & 184th Ave NW/Garfield Ave W (Ward 6)	*	*						
28		Ward	6	184th St NW (Ward) & 198th Ave NW (Ward 6)		*			*			
29		Ward	8	Co Rd 15 W (Ward 15) & 128th Ave NW (Ward 8) 153rd St NE (Ward 23) & 128th Ave NE (Ward 8)	*	*			*			-
30 31	10.05	Ward	8 10	27th St NE (Ward 19) & 46th Ave NE (Ward 10)		*		*	*		*	—
32	12.01		12	62nd St NW (Ward 17) & 22nd St SW (Ward 12)	*	*					^	
33	12.05		12	US Highway 2 & 104th St SE (Ward 12)		*					*	
34	14.03		14	16th St SW (Ward 14) & 37th Ave SW (Ward 14)			*				*	
35	16.01	Ward	16	US Hwy 83 & 93rd Ave SW (Ward 16)					*		*	
36	20.02		20	142nd St SW (Ward 501) & 177th Ave SW (Ward 20)		*			*			
37	20.03		20	US Hwy 83 & 177th Ave SW (Ward 20)			*				*	
38 39	22.04 23.04		22	US Hwy 83 & 303rd Ave SW (Ward 22) US Hwy 2/Burdick Expy E & 153rd St NE (Ward 23)		*			*		*	
40			24	US Hwy 83 & 359th Ave SW/SE (Ward 24)					*		*	
41	500.01			254th St SW/ND Hwy 28 (Ward 500) & 247th Ave SW/ND Hwy 23					*		*	
42	502.01		502						*		*	
43	14.05	Ward	14	38th St SE (Ward 14) & 37th Ave SE (Ward 14)						*		1
44		Ward	2	436th St NW (Ward 3) & 422nd Ave NW (Ward 2)					*			
45		Ward	8	27th St NE (Ward 19) & 128th Ave NE (Ward 8)							*	l
46		Ward	9	338th St SW (Ward 9) & 205th Ave SW (Ward 20)					*			!
47 48		Ward	9	325th St SW (Ward 9) & 177th Ave SW (Ward 20)					*			
46 49		Ward Ward	9	310th St SW (Ward 9) & 54th Ave SW (Ward 14) US Highway 2/86th Ave NW & 310th St NW (Ward 9)					*		*	
50	12.02			27th St NE (Ward 19) & 4th Ave NE (Ward 12)							*	
51	12.03		12								*	
52	12.07			55th St SE (Ward 12) & US Highway 2							*	
53	14.01		14		-	*			-			
54	14.02		14	62nd St SW (Ward 17) & 37th Ave SW (Ward 14)							*	
55 56	14.06		14	Co Hwy 19 S (Ward 504) & 72nd St SE (Ward 14) Co Rd 15 W/4th Ave NW (Ward 15) & 54th St NW (Ward 17)		*						-
56 57	15.02 16.03		15 16	Co Rd 15 W/4th Ave NW (Ward 15) & 54th St NW (Ward 17) Co Rd 19 S (Ward 504) & 79th Ave SE (Ward 16)	*	*						
58	23.02		23	US Hwy 52 & 139th St SE (Ward 23)	^						*	
59	24.01		24	254th St SW/ND Hwy 28 & 359th Ave SW/ND Hwy 53 (Ward 24)					*			
60		Ward	9	338th St SW (Ward 9) & 303rd Ave SW (Ward 22)								
61	9.06	Ward	9	310th St NW (Ward 9) & 72nd Ave NW (Ward 10)								
62	10.06		10	55th St NE (Ward 10) & 46th Ave NE (Ward 10)	-				-			
63	12.06		12	55th St SE (Ward 12) & 37th Ave SE (Ward 14)								
64 65	14.08		14	72nd St SE (Ward 14) & 37th Ave SE (Ward 14)								-
65 66	14.09 22.01	Ward Ward	14 22	72nd St SE (Ward 14) & 11th Ave SE 254th St SW/ND Hwy 28 (Ward 500) & 303rd Ave SW (Ward 22)								-
	UI	maiu		Total Stars	16	29	10	7	27	9	36	
	Totals			% That Gets Star		44%	15%	11%	41%	14%	55%	
	****	# 0	% 0%	-	Stars							
	A A A A	U	0%	Skev					degrees or gre			



HIGHWAY SAFETY IM			M (HSIP) PROJE	CT APPLIC	CATION			
North Dakota Department of 3 SFN 59959 (06-2011)	Fransport	ation Programming						
0114 09909 (00-2011)		US Hig	hway 52 & 198t	h St NW ((Ward 8)			
Agency Name:	Ward Co			•	DOT Distric	t: 4		
Contact Name:		=				r: 701-838-281	10	
Email Address:	dana.lar	sen@wardnd.com						
Please attach a location map(s).		_	urther describe your proje	ct.				
Location Description								
						mphasis Area (che nol Impaired Drivir		
Configuration:	Χ	Traffic Control Device:	thru-STOP			•	straints for all Occupa	ınts
Configuration (2):						er/Older Driver Sa	afety	
Urban/Rural: County:		Flashers: Major ADT:			Curb Aggress	-	Departure Crashes	
Entering ADT:		Minor ADT:			•		Capabilities to Increa	ase Survivability
				<u></u>	Improve Inters	section Safety		
Describe Current Safety I	ssues &	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012								
Crashes	Total 0	Angle 0	K+A 0.00	_	1	1 3 1		
Rate (per MVM)	0.0	0.0	0.0					
				_				
	Value	Critical	Risk Ranking		100			
Skew	No	Yes	<u> </u>	_	a ute			5
On/Near Curve	Yes	Yes	*					2
Development	Yes	Yes	*					
Near RR Crossing Distance from previous STOP	Yes Yes	Yes Yes	* *					100
Volume Cross Product	Yes	≥ 100,000	*				2	
Total Crashes	0	>0	****	_		A servered		
Describe Proposed Safet	y Improv	rements						
	D i - ti			11-24-	01	Notos		
	Descriptior toundabou		per intersection	Units 0	Cost \$0.00	Notes -		
	nal Mediar		per intersection	0	\$0.00			
Mainline Dynamic Wa		. ,	per intersection	0	\$0.00			
Installing S	ose Mediar treet Lights		per intersection per street light	0 Installed	\$0.00 \$0.00			
_	Stop Sigr		per sign	2	\$700.00			
Upgrade Ju	•		per sign	2	\$700.00			
Upgrade Stop A Upgrade Stop Ahe	•		per sign per marking	2 1	\$900.00 \$450.00			
	le Stop Ba		per marking	2	\$500.00			
Review Sign	s and CST	\$2,450	per intersection	11	\$2,450.00	<u>—</u>		
Signs and Markings and Street L	iaht proiec	t costs varv by the numb	er of minor legs associate	ed with the inters	\$5,700.00 section.			
Project Cost Estimate (at					Year of Con	struction		
Foo	leral Funds	\$5,130						
Local Match (10% of Total p		. ,						
Total Pro	ject Cost		_					
NDDOT Control Office On	.h.							
NDDOT Central Office On Project Accepted?	Yes	No	Reference Number			ID Number		
Notes						l		
							Page: 1	
						Inter	rsection ID: 8.01	_
							Date: 8/13/201	.1

LUCLUMAY CAFETY IN	IDDOVE	MENT DROOP	M (HOID) DDO II	TOT ABBUT	OATION			
HIGHWAY SAFETY IN North Dakota Department of SFN 59959 (06-2011)			IM (HSIP) PROJE	ECT APPLI	CATION			
	3	38th St SW (V	Vard 9) & ND F	lighway 2	23/247th A	ve SW		
Agency Name:		•	,	-	DOT District			
Contact Name:		-		Teleph	none Number	: 701-838-28	310	
		sen@wardnd.com		•				
Please attach a location map(s).		_	urther describe your proj	iect.				
Location Description			<u>, , , , , , , , , , , , , , , , , , , </u>					
				T	SHSP Er	nnhasis Area (c	heck all that apply)	
						ol Impaired Driv		
Configuration:	Χ	Traffic Control Device:	: thru-STOP		Increase the U	Jse of Safety Re	estraints for all Occupants	
Configuration (2):		Street Lights:				er/Older Driver S	Safety	
Urban/Rural:		Flashers			Curb Aggress		Dt Ot	
County: Entering ADT:		Major ADT: Minor ADT:			•		ne Departure Crashes al Capabilities to Increase	Curvivahility
Entening ADT.	3000	MINOLAD I	. 503		Improve Inters		ai Capabilities to increase	Survivability
						,		
Describe Current Safety	Issues &	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012								
	Total	Angle	K+A				100	
Crashes		0	0.00					
Rate (per MVM)	0.2	0.0	0.0		100			
	Value	Critical	Risk Ranking		CONTRACTOR OF	11 4		
Skew		Yes	·			SECTION S	A PROPERTY OF THE PERSON NAMED IN	
On/Near Curve	No	Yes			-		The second of the second	
Development	Yes	Yes	*		-			
Near RR Crossing		Yes						
Distance from previous STOP		Yes	*					
Volume Cross Product Total Crashes		≥ 100,000 >0	* *					
Total Grasiles		70	***				THE RESERVE	J
Describe Proposed Safet	y Improve	ements						
	Description	Unit Cost		Units	Cost	Notes - Oil Co	ounty Project (Junction Sig	n/Rumbles -
	Roundabout		per intersection	0	\$0.00	Sheet 51-84)		
	onal Median		per intersection	0	\$0.00			
Mainline Dynamic W	arning Sign ose Median		per intersection per intersection	1 0	\$50,000.00			
	Street Lights		per street light	1	\$0.00 \$6,000.00			
_	e Stop Sign		per sign	2	\$700.00			
Upgrade Ju	nction Sign	\$350	per sign	0	\$0.00			
Upgrade Stop			per sign	2	\$900.00			
Upgrade Stop Ahe		·	per marking	2	\$900.00			
Review Sign	de Stop Bar	·	per marking per intersection	2 1	\$500.00 \$2,450.00			
review eigi	15 4114 001	Ψ2,400	per intersection		\$61,450.00	_		
Signs and Markings and Street L	ight project	costs vary by the numb	er of minor legs associa	ted with the inte				
Project Cost Estimate (at	tach deta	iled copy)		Proposed	I Year of Con	struction		
_								
	deral Funds	\$55,305						
Local Match (10% of Total pro	pject Cost	\$6,145 \$61,450	_					
Total i ic	Ject Cost	ΨΟ1,-30						
NDDOT Central Office Or	ılv							
Project Accepted?	Yes	No	Reference Number	T		ID Number		
Notes			•	•		•	•	
							Page: 2	
						Inte	ersection ID: 9.02	
							Date: 8/13/2013	

HIGHWAY SAFETY IMI	PROVEME	NT PROGRA	M (HSIP) PROJEC	CT APPLIC	CATION		
North Dakota Department of T SFN 59959 (06-2011)			(11011) 1 110020				
		_	way 52 & 184th	•			
Agency Name: \		-			DOT District		
Contact Name: I				Telepn	one Number	: 701-838-281	10
Email Address: of Please attach a location map(s). N			urthar describe your projec	.+			
Location Description	Tou may use us	ullional sheets to it	Illier describe your project	ι.			
					SHSP En	nohasis Area (ch	neck all that apply)
			!		Reduce Alcoh	ol Impaired Drivir	ng
Configuration:		offic Control Device:				•	straints for all Occupants
Configuration (2): Urban/Rural: F		Street Lights: Flashers:			Curb Aggressi	er/Older Driver Sa ive Driving	alety
County: \		Major ADT:			Improvements	to Address Lane	e Departure Crashes
Entering ADT: 3	3590	Minor ADT:	1925		Enhancing Em Improve Inters		I Capabilities to Increase Survivability
					IIIIbiose iliera	ection salety	
Describe Current Safety Is	ssues & Sys	temic Ranking	Review				
North Dakota TBD, 2008 - 2012							
j.	Total	Anala	ν _Λ				
Crashes	1 otai	Angle 0	0.00	=		9	
Rate (per MVM)	0.2	0.0	0.0	=			100
						1100	
							and the second
	Value	Critical	Risk Ranking	_	13		
Skew	No	Yes			1		
On/Near Curve	Yes	Yes Yes	*		THE THE	and M	
Development Near RR Crossing	No Yes	Yes Yes	*		110	A STATE WAY	
Distance from previous STOP	No	Yes	**		W.		
Volume Cross Product	Yes	≥ 100,000	*		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A STATE OF THE PARTY OF THE PAR	
Total Crashes	1	>0	****	-	W. P. 1947	THE STATE OF THE S	
- " 10-6-6	•						
Describe Proposed Safety	/ Improveme	nts					
r	Secription	Unit Coot		Unite	Cost	Notes - Oil Cou	unty Project (Junction Sign/STOP -
	Description oundabout	Unit Cost \$1,000,000	per intersection	Units 0	\$0.00	Sheet 51-20)	antly Project (Juniculon Sign/STO) -
Direction	nal Median	\$750,000	per intersection	0	\$0.00		
Mainline Dynamic Wa		. ,	per intersection	1 0	\$50,000.00		
Installing Str	se Median reet Lights		per intersection per street light	1	\$0.00 \$6,000.00		
Upgrade	Stop Sign		per sign	0	\$0.00		
Upgrade Jun			per sign	0	\$0.00		
Upgrade Stop Al Upgrade Stop Ahea			per sign per marking	1 1	\$450.00 \$450.00		
	e Stop Bar		per marking	1	\$250.00		
Review Signs	s and CST	\$2,450	per intersection	1	\$2,450.00	_	
Signs and Markings and Street Lig	ght project cost	s vary by the numb	er of minor legs associated	d with the inter	\$59,600.00 rsection.		
Project Cost Estimate (atta					Year of Con	struction	
Fade	eral Funds	#F2.640	1				
Local Match (10% of Total pro		\$53,640 \$5,960	l				
Total Proj		\$59,600					
NDDOTO 1 LOSS O							
NDDOT Central Office Onl Project Accepted?	Yes N	lo.	Reference Number			ID Number	
Notes	TesN	<u>J</u>	1.0101.01100.1101111001			1.2	
							Page: 3
						Inter	rsection ID: 11.01
1							Date: 8/13/2013

HIGHWAY SAFETY IM			M (HSIP) PROJE	ECT APPLIC	CATION			
North Dakota Department of 3 SFN 59959 (06-2011)	ransport	ation Programming						
3FN 39939 (00-2011)		US Highway 5	2/2nd Avo & D	owor St/M	ain St /M	Jard 5)		
Agency Name:		•	ZIZIIU AVE Q I		DOT Distric	•		
Contact Name:		=				ı. 4 r: 701-838-28	10	
		rsen@wardnd.com		relepin	one Number	1. 701-030-20	10	
Please attach a location map(s).		_	urther describe vour proi	iect.				
Location Description			, ,					
					SHSP E	mphasis Area (ch	neck all that apply)	
	_					nol Impaired Drivi	•	
Configuration: Configuration (2):		Traffic Control Device Street Lights				Use of Safety Re er/Older Driver S	straints for all Occupar	nts
Urban/Rural:		Flashers			Curb Aggress		aloty	
County:		Major ADT	: 1835		•		e Departure Crashes	
Entering ADT:	1985	Minor ADT	: 300		•	nergency Medica section Safety	al Capabilities to Increa	se Survivability
					improve inter-	section Salety		
Describe Current Safety I	ssues &	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012								
Crashes	Total 0	Angle 0	K+A 0.00	<u>—</u>		A STATE OF	19 July 19	-
Rate (per MVM)	0.0	0.0	0.00				1	
							a Carry	
						10 V		35
	Value	Critical	Risk Ranking			777	The second second	
Skew	No	Yes	rtiok rtanking		Au Hu	1920	A STATE OF THE STA	
On/Near Curve	Yes	Yes	*		TERLEY!	digital by	A STATE OF THE PARTY OF THE PAR	
Development	Yes	Yes	*			ALC: N		-3
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes			-	A Charles	The state of the s	
Volume Cross Product		≥ 100,000					100	8
Total Crashes	0	>0		<u> </u>				X
			***					_
Describe Proposed Safet	y Impro	vements						
•								
1	Description	n Unit Cost		Units	Cost	Notes -		
	Roundabou		per intersection	0	\$0.00			
Directio Mainline Dynamic Wa	nal Mediar		per intersection per intersection	0 0	\$0.00 \$0.00			
•	ose Mediar		per intersection	Ö	\$0.00			
Installing S	-		per street light	Installed	\$0.00			
Upgrade Upgrade Ju	Stop Sign	·	per sign per sign	1 1	\$350.00 \$350.00			
Upgrade Stop A	•		per sign	1	\$450.00			
Upgrade Stop Ahe	•	•	per marking	1	\$450.00			
Upgrad Review Sign	le Stop Ba is and CST		per marking per intersection	1 1	\$250.00 \$2,450.00			
3			·	-	\$4,300.00	_		
Signs and Markings and Street L			er of minor legs associa			4 4*		
Project Cost Estimate (at	tacn det	анеа сору)		Proposea	Year of Con	istruction		
Fed	leral Funds	s \$3,870						
Local Match (10% of Total p	-		_					
Total Pro	ject Cos	t \$4,300						
NDDOT Central Office On	lv							
	Yes	No	Reference Number	Т		ID Number		
Notes								
							Page: 4	
						Inte	ersection ID: 5.03 Date: 8/13/2013	,
							Date 8/13/2013	,

HIGHWAY SAFETY IM North Dakota Department of T SFN 59959 (06-2011)			M (HSIP) PROJE	CT APPLIC	CATION				
31 14 39939 (00-2011)	436th A	ve NW (W	ard 2) & 6th St	NW/415t	h Ave NW	(Ward 1)			
Agency Name: \			21 d 2 j d 0 0 1 1 0 0		DOT District				
Contact Name: I	_			Telephone Number: 701-838-2810					
Email Address:		wardnd.com					-		
Please attach a location map(s).			urther describe your proje	ect.					
Location Description									
Configuration: T Traffic Control Device: thru-STOP Configuration (2): Undivided Street Lights: No Urban/Rural: Rural Flashers: No County: Ward Major ADT: 623 Entering ADT: 803 Minor ADT: 360					Reduce Alcoholincrease the U Younger Drive Curb Aggressi Improvements	ool Impaired Drivir Use of Safety Reser/Older Driver Sa ive Driving s to Address Lane nergency Medical	straints for all Occupants		
Describe Current Safety Is North Dakota TBD, 2008 - 2012	ssues & Syste	emic Ranking	Review						
North Dakota TBD, 2008 - 2012									
	Total	Angle	K+A				The second second		
Crashes	0	0	0.00	_					
Rate (per MVM)	0.0	0.0	0.0	_	2		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
					1 1 2	A Miller	Charles of the second		
					A STATE OF THE STA	100			
Skew	Value Yes	Critical Yes	Risk Ranking ★	_		1			
On/Near Curve	Yes	Yes	 ★						
Development	No	Yes							
Near RR Crossing	Yes	Yes	*		1		See I William		
Distance from previous STOP Volume Cross Product	No Yes	Yes ≥ 100,000	*		100		S. 1		
Total Crashes	0	>0							

Describe Proposed Safety	/ Improvemer	nts							
	•								
	Description	Unit Cost		Units	Cost	_	unty Project (Junction Sign/Rumble -		
	oundabout nal Median		per intersection per intersection	0 0	\$0.00 \$0.00	Sheet 51-6)			
Mainline Dynamic Wa			per intersection per intersection	0	\$0.00 \$0.00				
Clos	se Median	\$25,000	per intersection	0	\$0.00				
Installing Str	treet Lights Stop Sign		per street light per sign	1	\$6,000.00 \$350.00				
Upgrade Jun			per sign	0	\$0.00				
Upgrade Stop A	Ahead Sign		per sign	1	\$450.00				
Upgrade Stop Ahea			per marking	1	\$450.00				
Review Signs	e Stop Bar s and CST		per marking per intersection	1	\$250.00 \$2,450.00				
			·		\$9,950.00	_			
Signs and Markings and Street Lig Project Cost Estimate (att			er of minor legs associate		rsection. Year of Con :	struction			
Project Cost Estimate (att	acri detalled (<i>зору)</i>		Proposeu	rear or com	Struction			
	eral Funds	\$8,955							
Local Match (10% of Total p <u>r</u> Total Proj	•	\$995 \$9,950	-						
Total Flog	ject oost	ψ3,330							
NDDOT Central Office Onl	ly								
	Yes No		Reference Number			ID Number			
Notes									
							Page: 5		
						Inter	rsection ID: 1.01		
1							Date: 8/13/2013		

HIGHWAY SAFETY IN	/IPRO\/I	EMENT PROCE	M (HSID) DDO I	ECT ADDI I	CATION		
North Dakota Department of SFN 59959 (06-2011)			IW (HSIP) PROSE	ECI APPLI	CATION		
,		US Highway &	52 & 422nd Av	e NW/6th	St NE (Wa	ard 2)	
Agency Name:	Ward C	•			DOT District	•	
Contact Name:		-				: 701-838-2810)
		rsen@wardnd.com					
Please attach a location map(s).		_	urther describe your proi	iect.			
Location Description							
•					SHSP Fr	nphasis Area (che	ck all that apply)
						iol Impaired Driving	
Configuration:	: T	Traffic Control Device:	thru-STOP				raints for all Occupants
Configuration (2):						er/Older Driver Saf	ety
Urban/Rural:		Flashers			Curb Aggress	-	Davisti va Casabas
County: Entering ADT:		Major ADT: Minor ADT:			•		Departure Crashes Capabilities to Increase Survivability
Lineling AD1.	. 3343	WIIIIOI AD I	1170		Improve Inters	• .	Sapabilities to increase Survivability
					•		
Describe Current Safety		Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Angle	K+A		The same of the		
Crashes		0	0.00		The same of the sa	-	
Rate (per MVM)	0.0	0.0	0.0		The same of	48 -3	
					66 30		
	Value	Critical	Risk Ranking		100	A works	DECEMBER TO
Skew	Yes	Yes	*		100	10 C	THE REAL PROPERTY.
On/Near Curve	e No	Yes				1	Charles Charles
Development	t Yes	Yes	*		- BA		PROPERTY OF
Near RR Crossing		Yes				1/0	
Distance from previous STOP Volume Cross Product		Yes ≥ 100,000	*		-ALLE	100	CONTRACTOR OF
Total Crashes		≥ 100,000 >0	^			120.00	
		•	****		STATE OF THE PARTY OF		
Describe Proposed Safet	ty Improv	vements					
	Description			Units	Cost	Notes -	
	Roundabou	. , ,	per intersection	0	\$0.00		
Mainline Dynamic W	onal Mediar Jarning Sigr		per intersection per intersection	0 1	\$0.00 \$50,000.00		
	lose Mediar		per intersection	0	\$0.00		
	Street Lights	\$6,000	per street light	Installed	\$0.00		
. 0	le Stop Sigr		per sign	1	\$350.00		
Upgrade Ju	•		per sign	1	\$350.00		
Upgrade Stop Upgrade Stop Ahe			per sign per marking	1 1	\$450.00 \$450.00		
	de Stop Ba		per marking	1	\$250.00		
Review Sign			per intersection	1	\$2,450.00		
					\$54,300.00 		
Signs and Markings and Street I			er of minor legs associa			aturation	
Project Cost Estimate (at	ttacn det	анеа сору)		Proposea	Year of Con	Struction	
Fe	deral Funds	s \$48,870					
Local Match (10% of Total p	oroject cost		_				
Total Pro	oject Cos	t \$54,300	_				
NDDOT Central Office Or			T= 4	<u> </u>		lie i i	
Project Accepted?	Yes	No	Reference Number			ID Number	
Notes							
							Page: 6
						Inters	ection ID: 2.02
							Date: 8/13/2013

HIGHWAY SAFETY IM North Dakota Department of T SFN 59959 (06-2011)			AM (HSIP) PROJI	ECT APPLI	CATION		
,		US Highw	ay 83 & 128th	Ave NW/I	NE (Ward	8)	
Agency Name:	Ward Co	•	,		DOT District:	,	
Contact Name:		-		Teleph	none Number	701-838-28	10
Email Address:	dana.lars	en@wardnd.com		•			
Please attach a location map(s).		_	urther describe your pro	ject.			
Location Description							
					SHSP Em	nphasis Area (ch	neck all that apply)
						ol Impaired Drivi	•
Configuration:		Traffic Control Device:				•	straints for all Occupants
Configuration (2): Urban/Rural:		Street Lights	: No : Overhead		Curb Aggressi	r/Older Driver S	arety
County:		Major ADT					e Departure Crashes
Entering ADT:		Minor ADT			•		al Capabilities to Increase Survivability
				✓	Improve Inters	ection Safety	
Describe Current Safety I	SSUAS &	Systemic Panking	Paview				
North Dakota TBD, 2008 - 2012	334C3 G (Systemic Ranking	NCVICW				
	Total	Angle	K+A			S. A. SHI	
Crashes	0	0	0.00		医医疗的人的		0 /4
Rate (per MVM)	0.0	0.0	0.0		EULIUS	1	
					Francisco		0 0
					Summer :		~ ~
	Value	Critical	Risk Ranking		Summing	. Ala	
Skew	No	Yes				Tioles MI	The same of the sa
On/Near Curve	Yes	Yes	*			2 2 2	
Development		Yes	*		三 三		
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	+				
Volume Cross Product		≥ 100,000	`		Parameter .	SANDOME -	
Total Crashes	0	>0			Note: No.	- AMERICAN SERVICE SER	

Describe Proposed Safet	y Improve	ements					
Į į	Description	Unit Cost		Units	Cost	_	deration should be given for large
	Roundabout		per intersection	0	\$0.00		e movers) in the design of median. If
	nal Median		per intersection	1	\$750,000.00		dian is not feasible, mainline dynamic is may be considered as an alternate
Mainline Dynamic Wa	ose Median		per intersection per intersection	0	\$0.00 \$0.00		ement. Oil County Project (Junction
Installing Si			per street light	1	\$6,000.00		/STOP - Sheet 51-24)
	e Stop Sign	\$350	per sign	0	\$0.00		
Upgrade Ju			per sign	0	\$0.00		
Upgrade Stop A Upgrade Stop Ahe	•		per sign per marking	2 2	\$900.00 \$900.00		
	de Stop Bar	·	per marking	2	\$500.00		
Review Sign	is and CST	\$2,450	per intersection	1	\$2,450.00	_	
Ciana and Maulines and Chast	:				\$760,750.00		
Signs and Markings and Street L Project Cost Estimate (at			er of minor legs associa		Year of Cons	struction	
Troject Cost Estimate (att	lacii detai	пец сору)		Порозец	rear or cons	Struction	
	deral Funds	\$684,675					
Local Match (10% of Total p		\$76,075	_				
l otal Pro	ject Cost	\$760,750					
NDDOT Central Office On	ılv			_			
Project Accepted?	Yes	No	Reference Number			ID Number	
Notes			•	•		•	•
							Page: 7
						Inte	rage. 7
							Date: 11/11/2013

HIGHWAY SAFETY IN North Dakota Department of			.M (HSIP) PROJE	CT APPLIC	CATION	
SFN 59959 (06-2011) Agency Name: Contact Name:		у	way 83 & 46th	ND	DOT District	
Email Address:		· -		Тоюри	one mambe	701 000 2010
Please attach a location map(s).			urther describe your proje	ect.		
Location Description						
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	: Undivided : Rural : Ward	affic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	No No 6505		Reduce Alcoh Increase the U Younger Drive Curb Aggress Improvements Enhancing En	mphasis Area (check all that apply) nol Impaired Driving Use of Safety Restraints for all Occupants er/Older Driver Safety sive Driving s to Address Lane Departure Crashes mergency Medical Capabilities to Increase Survivabili section Safety
Describe Current Safety	Issues & Sys	temic Ranking	Review			
North Dakota TBD, 2008 - 2012						
	Total	Angle	K+A			A THURSDAY OF THE STREET
Crashes	3	0	0.00		NO BELLEVIOLE	A COP STATE OF THE PARTY OF THE
Rate (per MVM)	0.2	0.0	0.0		1	
	Value	Critical	Risk Ranking		7	
Skew		Yes			ja .	
On/Near Curve Development		Yes Yes	*		20	
Near RR Crossing		Yes				
Distance from previous STOP		Yes				
Volume Cross Product Total Crashes		≥ 100,000 >0	* *			
			***	_	10000	
Describe Proposed Safet	tv Improveme	ents				
	7 1					
	Description	Unit Cost		Units	Cost	Notes -
	Roundabout onal Median		per intersection per intersection	0 0	\$0.00 \$0.00	
Mainline Dynamic W			per intersection	1	\$50,000.00	
	lose Median Street Lights		per intersection per street light	0 1	\$0.00 \$6,000.00	
	le Stop Sign		per sign	1	\$350.00	
Upgrade Ju	unction Sign	\$350	per sign	1	\$350.00	
Upgrade Stop Upgrade Stop Ahe			per sign per marking	1 1	\$450.00 \$450.00	
Upgra	de Stop Bar		per marking	1	\$250.00	
Review Sign	ns and CST	\$2,450	per intersection	1	\$2,450.00 \$60,300.00	<u> </u>
Signs and Markings and Street I	Light project cost	ts vary by the numb	er of minor legs associate	ed with the inters		
Project Cost Estimate (at	ttach detailed	d сору)		Proposed	Year of Con	struction
Fe	deral Funds	\$54,270				
Local Match (10% of Total p		\$6,030	_			
Total Pro	oject Cost	\$60,300				
NDDOT Central Office Or	nlv					
Project Accepted?	Yes N	lo	Reference Number			ID Number
Notes						
						David 0
						Page: 8 Intersection ID: 10.03
						Date: 8/13/2013

HIGHWAY SAFETY IN	/IPROV	EMENT PROGRA	M (HSIP) PROJEC	CT APPLI	CATION		
North Dakota Department of SFN 59959 (06-2011)	Transport	tation Programming					
			Broadway St &				
Agency Name:	Ward C	ounty		ND	DOT District	t: 4	
Contact Name:	Dana L	arsen		Teleph	none Number	:: 701-838-28 1	10
Email Address:	dana.la	rsen@wardnd.com					
Please attach a location map(s).		_	urther describe your projec	t.			
Location Description							
					SHSP Er	nphasis Area (ch	eck all that apply)
					Reduce Alcoh	ol Impaired Drivir	ng
Configuration:		Traffic Control Device	: thru-STOP				straints for all Occupants
Configuration (2):		Street Lights			•	er/Older Driver Sa	afety
Urban/Rural:		Flashers			Curb Aggress	-	Daniel and Organia
County:		Major ADT			•		Departure Crashes
Entering ADT:	5555	Minor ADT	. 555		Improve Inters		Capabilities to Increase Survivability
					improvo intore	occion caloty	
Describe Current Safety	Issues &	Systemic Ranking	Review	•			
North Dakota TBD, 2008 - 2012		<u> </u>					
	Total	Angle	K+A	_	* · · ·		
Crashes		0	0.00	_	THE REAL PROPERTY.	THE REAL PROPERTY.	The state of the s
Rate (per MVM)	0.1	0.0	0.0	=	-	VITE SEED OF SE	
					4.5	THE RESIDENCE	
	Value	Critical	Risk Ranking				
Skew		Yes	rtiok rtanking	_	Diconstitution 2	4 620	CON TRANSPORT VALUE
On/Near Curve		Yes				7 3 4 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Development	Yes	Yes	*		Contract !	1	
Near RR Crossing		Yes			100 A		
Distance from previous STOP	No	Yes			-		LAST LAST
Volume Cross Product		≥ 100,000	*			and the second	
Total Crashes	1	>0	<u>*</u> ***	=		· (1)	
			* * *				
Describe Proposed Safet	tv Impro	vements					
•	,						
	Descriptio	n Unit Cost		Units	Cost	Notes -	
	Roundabou		per intersection	0	\$0.00		
	onal Media		per intersection	0	\$0.00		
Mainline Dynamic W	arning Sig	n \$50,000	per intersection	1	\$50,000.00		
	ose Media		per intersection	0	\$0.00		
Installing S	•		per street light	1	\$6,000.00		
Upgrade Ju	e Stop Sig		per sign per sign	2 2	\$700.00 \$700.00		
Upgrade Stop			per sign	2	\$900.00		
Upgrade Stop Ahe			per marking	2	\$900.00		
. •	de Stop Ba	•	per marking	2	\$500.00		
Review Sign	ns and CS	T \$2,450	per intersection	1	\$2,450.00		
Ciana and Markings and Chroat I	inht nain	-44			\$62,150.00		
Signs and Markings and Street I Project Cost Estimate (at	<u> </u>		er of minor legs associated		Year of Con	struction	
Froject Cost Estimate (at	lacii uei	апец сору)		Froposeu	real of Coll	Suucuon	
Fed	deral Fund	ls \$55,935					
Local Match (10% of Total p	roject cos	t) \$6,215	_				
Total Pro	oject Cos	st \$62,150					
NDDOT Central Office Or			In a N	T		IID N	
Project Accepted? Notes	Yes	No	Reference Number			ID Number	
Notes							
							Page: 9
						Inter	rsection ID: 14.04
							Date: 8/13/2013

HIGHWAY SAFETY IM			.M (HSIP) PROJE	CT APPLI	CATION		
North Dakota Department of T SFN 59959 (06-2011)	ransportation F	rogramming					
,		US Hv	wy 52 & Co Rd	19 S (Wa	rd 504)		
Agency Name:	Ward County		•		DOT District	: 4	
Contact Name:				Teleph	none Number	: 701-838-281	0
Email Address:	_						
Please attach a location map(s). ** Location Description	You may use add	ditional sheets to fu	urther describe your proje	ect.			
Location Description					SUSD En	nnhasis Aroa (ab	ook all that apply)
						npnasis Area (cne ol Impaired Drivin	eck all that apply)
Configuration:		fic Control Device:				•	traints for all Occupants
Configuration (2): Urban/Rural:		Street Lights: Flashers:			Younger Drive Curb Aggressi	er/Older Driver Sa ive Driving	afety
County:		Major ADT:					Departure Crashes
Entering ADT:	4368	Minor ADT:	400		•	• ,	Capabilities to Increase Survivability
				✓	Improve Inters	ection Safety	
Describe Current Safety Is	ssues & Syst	emic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Anglo	V±Λ				
Crashes	Total 3	Angle 0	K+A 0.00	_			
Rate (per MVM)	0.4	0.0	0.0		Marie Contraction		
							-
	Value	Critical	Risk Ranking		2X 0		
Skew	No	Yes				M	Constant of
On/Near Curve	Yes	Yes	*		£		The Park
Development Near RR Crossing	No No	Yes Yes					
Distance from previous STOP	No	Yes			4	3 200	
Volume Cross Product	Yes	≥ 100,000	*			+	
Total Crashes	3	>0	* ***				
Describe Proposed Safety	/ Improvemer	nts					
_						N. 1 0".0	. D : (OTOD/O) . Al
	Description oundabout	Unit Cost \$1,000,000	per intersection	Units 0	Cost \$0.00	Notes - Oil Cou Sheet 51-62)	ınty Project (STOP/Stop Ahead -
	nal Median		per intersection	Ö	\$0.00	0.1001 0 1 02)	
Mainline Dynamic Wa			per intersection	1	\$50,000.00		
Clo Installing St			per intersection per street light	0 1	\$0.00 \$6,000.00		
_	Stop Sign		per sign	0	\$0.00		
Upgrade Jur	•		per sign	1	\$350.00		
Upgrade Stop A Upgrade Stop Ahea			per sign per marking	0	\$0.00 \$450.00		
	e Stop Bar		per marking	1	\$450.00 \$250.00		
Review Signs			per intersection	1	\$2,450.00	<u></u>	
Signs and Markings and Street Li	ight project costs	vary by the numb	er of minor leas associat	ed with the inte	\$59,500.00		
Project Cost Estimate (att			er or minor legs associati		Year of Con	struction	
,							
Fed Local Match (10% of Total pr	eral Funds	\$53,550 \$5,950					
Total Pro	•	\$59,500	-				
	-						
NDDOT Central Office On			Defenses Number	1		IID Niverban	
Project Accepted? Notes	Yes No	1	Reference Number			ID Number	
110.00							
							Dogo: 10
						Inter	Page: 10 rsection ID: 504.01
						iiitei	Date: 8/13/2013

HIGHWAY SAFETY IN	/IPROVE	EMENT PROGRA	M (HSIP) PROJE	CT APPLI	CATION		
North Dakota Department of SFN 59959 (06-2011)							
Agency Name:	Ward Co		wy 52 & 37th A	•	ard 14) DOT District	· 1	
Contact Name:		-				- :: 701-838-2810	0
		sen@wardnd.com					
Please attach a location map(s).		_	urther describe your proj	ect.			
Location Description							
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Divided Rural Ward 3755	Traffic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	No No 3415 340		Reduce Alcoh Increase the L Younger Drive Curb Aggressi Improvements	er/Older Driver Saf ive Driving s to Address Lane nergency Medical (g raints for all Occupants
Describe Current Safety		Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Angle	K+A		CHANGE TO SERVICE THE PARTY OF		
Crashes		O Aligie	0.00		1 1		
Rate (per MVM)	0.3	0.0	0.0				
							CONTRACTOR OF THE PARTY OF THE
					The state of the s		
01	Value	Critical	Risk Ranking				医皮管管
Skew On/Near Curve		Yes Yes	*		STREET,	- 11	No.
Development		Yes				A STATE OF THE PARTY OF THE PAR	
Near RR Crossing	, No	Yes					
Distance from previous STOP		Yes					
Volume Cross Product Total Crashes		≥ 100,000 >0	*				
	<u> </u>		***				
Describe Proposed Safe	ty Improv	romonts					
Describe Froposeu Salei	ty iiiipi ov	ements					
	Description	unit Cost		Units	Cost	Notes -	
F	Roundabout		per intersection	0	\$0.00		
	onal Median		per intersection	0	\$0.00		
Mainline Dynamic W	/arning Sign lose Median		per intersection per intersection	1 0	\$50,000.00 \$0.00		
	Street Lights	\$6,000	per street light	1	\$6,000.00		
. 0	le Stop Sign		per sign	2	\$700.00		
Upgrade Ju Upgrade Stop	Inction Sign		per sign per sign	0 2	\$0.00 \$900.00		
Upgrade Stop Ahe			per marking	2	\$900.00		
. 0	de Stop Bar	· ·	per marking	2	\$500.00		
Review Sign	ns and CST	\$2,450	per intersection	1	\$2,450.00 \$61,450.00		
Signs and Markings and Street I	Light project	t costs vary by the numb	er of minor legs associat	ted with the inte			
Project Cost Estimate (at	ttach deta	ailed copy)		Proposed	Year of Con	struction	
Го	deral Funds	ΦΕΕ 20Ε					
Local Match (10% of Total p		. ,					
	oject Cost		_				
NDDOT Central Office Or Project Accepted?		П.,	Reference Number	1		ID Number	
Notes	Yes	L No	received rumber			ID ITALIIDEI	
							Page: 11
						Inters	section ID: 14.07
							Date: 8/13/2013

HIGHWAY SAFETY IN	/IPROVE	EMENT PROGRA	M (HSIP) PRO IE	СТ ДРРІ І	CATION		
North Dakota Department of			im (HOIF) PROJE	.VI APPLI	CATION		
SFN 59959 (06-2011)		590th St NV	V (Ward 2) & 4	36th Ave	NW (War	d 2)	
Agency Name:	Ward Co		(((((((((((((((((((DOT Distric	-	
Contact Name:		=				r: 701-838-28	10
Email Address:	dana.lar	sen@wardnd.com					
Please attach a location map(s)		_	urther describe your proje	ect.			
Location Description							
					SHSP E	mphasis Area (ch	neck all that apply)
Configuration	. ∨	Troffic Control Davison	they CTOD			nol Impaired Drivi	ng straints for all Occupants
Configuration: Configuration (2):		Traffic Control Device: Street Lights:				er/Older Driver S	•
Urban/Rural:		Flashers			Curb Aggress		
County:		Major ADT:			•		e Departure Crashes
Entering ADT:	: 375	Minor ADT:	140		•	nergency Medica section Safety	Il Capabilities to Increase Survivability
Describe Current Safety		Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Angle	K+A		and the same of		CONTRACT NO. OF ALL
Crashes		0	0.00				
Rate (per MVM)	0.0	0.0	0.0	_			
						4	The state of the s
							人 100 李拉 200
	Value	Critical	Risk Ranking				The second
Skew		Yes	*				The same of the sa
On/Near Curve		Yes	*				10/1/2
Development		Yes					
Near RR Crossing Distance from previous STOP		Yes Yes	*			· /	41
Volume Cross Product		≥ 100,000					
Total Crashes	0	>0					

Describe Proposed Safe	ty Improv	vements					
	Description			Units	Cost		unty Project (Junction Sign - Sheet
	Roundabou [.] onal Mediar	. ,,	per intersection per intersection	0 0	\$0.00 \$0.00	51-2)	
Mainline Dynamic W			per intersection	0	\$0.00		
Cl	lose Mediar	n \$25,000	per intersection	0	\$0.00		
_	Street Lights		per street light	0	\$0.00		
	le Stop Sigr unction Sigr		per sign per sign	2 2	\$700.00 \$700.00		
Upgrade Stop	•		per sign	2	\$900.00		
Upgrade Stop Ahe			per marking	1	\$450.00		
	de Stop Bar	· · · · · · · · · · · · · · · · · · ·	per marking	2	\$500.00		
Review Sig	ns and CST	\$2,450	per intersection	1	\$2,450.00 \$5,700.00	<u> </u>	
Signs and Markings and Street	Light projec	t costs vary by the numb	er of minor legs associat	ed with the inte			
Project Cost Estimate (at		• •			Year of Con	struction	
Eo	deral Funds	\$5,130					
Local Match (10% of Total p		. ,					
	oject Cost		-				
NDDOTO (LOW O	•						
NDDOT Central Office Of Project Accepted?	_		Reference Number	T		ID Number	Τ
Notes	Yes	No	reference rumber			ID Number	
							Page: 12
						Into	Page: 12 ersection ID: 2.01
						iiic	Date: 8/13/2013

HIGHWAY SAFETY IM	PROVEM	ENT PROGRA	M (HSIP) PROJE	CT APPLI	CATION		
North Dakota Department of T SFN 59959 (06-2011)			(11011) 1 1100				
		US High	nway 52 & 394	th St NW	(Ward 5)		
Agency Name:	Ward Coun	ıty	_	ND	DOT Distric	t: 4	
Contact Name:	Dana Larse	∍n		Teleph	one Numbe	r: 701-838-28 [,]	10
Email Address:							
Please attach a location map(s).	You may use a	additional sheets to for	urther describe your proje	ect.			
Location Description							
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Ward 2088	raffic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	No No 1998 180		Reduce Alcoh Increase the I Younger Drive Curb Aggress Improvements Enhancing Er	nol Impaired Drivi Use of Safety Reser/Older Driver Sive Driving s to Address Land	straints for all Occupants
Describe Current Safety Is North Dakota TBD, 2008 - 2012	ssues & Sy	stemic Ranking	Review				
NORTH DAKOTA TBD, 2008 - 2012							
	Total	Angle	K+A		CONTRACTOR OF THE PARTY OF THE		
Crashes	0	0	0.00		The state of the s		
Rate (per MVM)	0.0	0.0	0.0		A STATE		
							STATE OF THE STATE
	Value	Critical	Risk Ranking		6		
Skew	No	Yes	-		NO.		1
On/Near Curve	Yes	Yes	*			40	
Development	No	Yes					
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	+			A STATE OF THE STA	wat a
Volume Cross Product	Yes	≥ 100,000	*			Ken .	Carlo Age
Total Crashes	0	>0					Mer Marian

Describe Proposed Safety	/ Improvem	nents					
[Description	Unit Cost		Units	Cost	Notes - Oil Co	unty Project (Junction Sign/Stop
	oundabout		per intersection	0	\$0.00	Ahead Sign - S	Sheet 51-8)
	nal Median	. ,	per intersection	0	\$0.00		
Mainline Dynamic Wa	iriirig Sigri ise Median		per intersection per intersection	0	\$0.00 \$0.00		
Installing St			per street light	1	\$6,000.00		
	Stop Sign	·	per sign	1	\$350.00		
Upgrade Jur Upgrade Stop A			per sign	1	\$350.00		
Upgrade Stop Ahea			per sign per marking	1	\$450.00 \$450.00		
	e Stop Bar		per marking	1	\$250.00		
Review Signs	s and CST	\$2,450	per intersection	1	\$2,450.00		
Signs and Markings and Street Li	aht project co	sts vary by the numb	er of minor legs associat	ed with the inter	\$10,300.00		
Project Cost Estimate (att			or or minor rege decedia.		Year of Con	struction	
•							
Fed Local Match (10% of Total pr	eral Funds	\$9,270 \$1,030					
Total Pro		\$10,300	-				
		,					
NDDOT Central Office On						lin i	
Project Accepted? Notes	Yes	No	Reference Number			ID Number	
Notes							
						-	Page: 13
						Inte	rsection ID: 5.02
							Date: 8/13/2013

HIGHWAY SAFETY IN	/IPROV	EMENT PROGRA	M (HSIP) PROJE	CT APPLI	CATION		
North Dakota Department of SFN 59959 (06-2011)			(11011 <i>)</i> 1 ⁻ 1103E	.VI AITLI	CATION		
` ,	ND Sta	ate Highway 28	& 198th Ave N	W/Washi	ington Av	e W (Ward	6)
Agency Name:		•			DOT District	•	-,
Contact Name:						r: 701-838-281	0
		rsen@wardnd.com		. 0.0 p			
Please attach a location map(s)		_	urther describe your proje	ect.			
Location Description			, , ,				
					SHSP Er	mphasis Area (che	eck all that apply)
					Reduce Alcoh	nol Impaired Drivin	g
Configuration:	: T	Traffic Control Device:	thru-STOP		Increase the l	Jse of Safety Rest	traints for all Occupants
Configuration (2):						er/Older Driver Sa	fety
Urban/Rural:		Flashers:			Curb Aggress	-	Departure Crackee
County: Entering ADT:		Major ADT: Minor ADT:			•		Departure Crashes Capabilities to Increase Survivability
Littering AD1.	. 700	WIIIOI ADT.	100		•	section Safety	Capabilities to increase our vivability
					•	,	
Describe Current Safety		Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Angle	K+A			(A)	111.8
Crashes		0	0.00			1 201	White Control
Rate (per MVM)	0.0	0.0	0.0				proper Carlotte
					100	15	S. T. S.
							一
	Value	Critical	Risk Ranking				The state of the s
Skew	Yes	Yes	*		a		- FE
On/Near Curve	Yes	Yes	*		The second second	10/10	1000
Development	t No	Yes			1		
Near RR Crossing		Yes	*		The state of		1
Distance from previous STOP Volume Cross Product		Yes ≥ 100,000					*
Total Crashes		≥ 100,000 >0			1		Big Billion
			***			THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	
Describe Proposed Safe	ty Impro	vements					
	Descriptio	n Unit Cost		Units	Cost		nty Project (Junction Sign/Stop
	Roundabou	. , ,	per intersection	0	\$0.00	Ahead Sign/ ST	OP - Sheet 51-13)
	onal Media		per intersection	0	\$0.00		
Mainline Dynamic W	raming Sig lose Media		per intersection per intersection	0	\$0.00 \$0.00		
Installing S			per street light	Installed	\$0.00		
_	le Stop Sig		per sign	0	\$0.00		
Upgrade Jւ	•		per sign	0	\$0.00		
Upgrade Stop			per sign	0	\$0.00		
Upgrade Stop Ahe	ead Markin de Stop Ba		per marking per marking	1 1	\$450.00 \$250.00		
Review Sig		· · · · · · · · · · · · · · · · · · ·	per intersection	1	\$2,450.00		
		· ,	•		\$3,150.00	_	
Signs and Markings and Street	<u> </u>		er of minor legs associat				
Project Cost Estimate (at	ttach det	tailed copy)		Proposed	Year of Con	struction	
	deral Fund	¢2.025					
Local Match (10% of Total p							
-	oject Cos	•	=				
	-,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
NDDOT Central Office Or	nly						
Project Accepted?	Yes	No	Reference Number			ID Number	
Notes	_						
							Page: 14
						Intere	Page: 14 section ID: 6.02
						inters	Date: 8/13/2013

LUCUNAVAY OAFETY IM	DDOVE	AFNT DDOOD A	M (HOID) DDO H	FOT ABBLU	OATION		
HIGHWAY SAFETY IMI North Dakota Department of TI SFN 59959 (06-2011)			M (HSIP) PROJE	ECT APPLIC	CATION		
		US Hig	hway 2 & 72nc	d St NW (V	Nard 10)		
Agency Name: \					DOT District	•- •	
Contact Name: I				Teleph	one Number	r: <mark>701-838-2</mark> 81	10
		en@wardnd.com					
Please attach a location map(s). Y Location Description	/ou may use	e additional sheets to tu	urther describe your proj	ject.			
Location Description					CHODE	i is Associate	· 0.0 / -EA
Configuration: 1 Configuration (2): E Urban/Rural: F County: V Entering ADT: 7	Divided Rural Ward 7038	Traffic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	: Yes : No : 6465 : 573		Reduce Alcoh Increase the L Younger Drive Curb Aggress Improvements Enhancing En	nol Impaired Drivir Use of Safety Res er/Older Driver Sa sive Driving s to Address Lane	straints for all Occupants
Describe Current Safety Is	ssues & S	systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
İ	Total	Angle	K+A			ALCOHOL: Y	
Crashes	0	Arigie 0	0.00				
Rate (per MVM)	0.0	0.0	0.0		1		
					7		X 1 1 1
	Value	Critical	Risk Ranking				/X ·
Skew	No	Yes					
On/Near Curve	Yes	Yes	*				
Development	No You	Yes	.		10 m		
Near RR Crossing Distance from previous STOP	Yes No	Yes Yes	*		1		
Volume Cross Product	Yes	≥ 100,000	*		6		61
Total Crashes	0	>0					

Describe Proposed Safety	/ Improve	ments					
D	Description	Unit Cost		Units	Cost		unty Project (Junction Sign/Stop
	oundabout		per intersection	0	\$0.00	Ahead Sign - S	Sheet 51-41)
Direction Mainline Dynamic War	nal Median erning Sign		per intersection per intersection	0 1	\$0.00 \$50,000.00		
_	se Median		per intersection	0	\$0.00		
Installing Str	-	\$6,000	per street light	Installed	\$0.00		
Upgrade Upgrade Jun	Stop Sign	· ·	per sign per sign	1 0	\$350.00 \$0.00		
Upgrade Stop Al			per sign per sign	0	\$0.00 \$0.00		
Upgrade Stop Ahea	ad Marking	\$450	per marking	1	\$450.00		
Upgrade Review Signs	e Stop Bar		per marking	1 1	\$250.00 \$2.450.00		
Review Signs	3 and Con	Ψ∠,4∪	per intersection		\$2,450.00 \$53,500.00	_	
Signs and Markings and Street Lig			er of minor legs associa		rsection.		
Project Cost Estimate (atta	ach detai	led copy)		Proposed	Year of Con	struction	
Fede	eral Funds	\$48,150					
Local Match (10% of Total pro		\$5,350					
Total Proj	ect Cost	\$53,500	•				
NDDOT Control Office Onl	1						
NDDOT Central Office Onl Project Accepted?	Yes [No	Reference Number			ID Number	
Notes	∐ res ∟] NO	TOTOTOTICS TEATING	L		10 110	
							Page: 15
						Inte	ersection ID: 10.01
							Date: 8/13/2013

HIGHWAY SAFETY IN	//PROVE	EMENT PROGRA	M (HSIP) PROJE	CT APPLI	CATION			
North Dakota Department of SFN 59959 (06-2011)		ation Programming						
		Co Rd 15 W	/ (ward 15) & 4	6th Ave N	₩ (Ward	10)		
Agency Name:	Ward Co	ounty		ND	DOT District	t: 4		
Contact Name:	Dana La	ırsen		Teleph	none Numbei	r: 701-838-28	10	
Email Address:	dana.lar	rsen@wardnd.com						
Please attach a location map(s)	. You may ι	use additional sheets to f	urther describe your proj	ect.				
Location Description								
					SHSP Er	mphasis Area (ch	eck all that app	ly)
					Reduce Alcoh	nol Impaired Drivi	ng	
Configuration:	T	Traffic Control Device:	thru-STOP			Jse of Safety Re		ccupants
Configuration (2):		_				er/Older Driver S	afety	
Urban/Rural:		Flashers			Curb Aggress	-	o Donarturo Cro	achoo
County: Entering ADT:		Major ADT: Minor ADT:			•	s to Address Lan	•	Increase Survivability
Littering AD1.	100	MINOLADI.	320		•	section Safety	i Capabilities to	increase Survivability
Describe Current Safety	Issues &	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012								
	Total	Angle	K+A		1	5 1		ST. CO.
Crashes		0	0.00	<u></u>	100			
Rate (per MVM)	0.0	0.0	0.0					
							311	
						-1/	X	
	Value	Critical	Risk Ranking		State of the same			A STATE OF THE STA
Skew		Yes	<u></u> ★		fire the			To the second
On/Near Curve	Yes	Yes	*			TIVE	T T	
Development	. No	Yes				1//	1	
Near RR Crossing		Yes				YV	18	
Distance from previous STOP		Yes						12/10
Volume Cross Product		≥ 100,000	*		交叉者的			
Total Crashes	0	>0	***	<u> </u>				No. Alexander

Describe Proposed Safe	tv Improv	/ements						
	,							
	Description	Linit Cost		Linita	Cost	Notes - Oil Co	unty Project / lu	nction Sign/Stop
	Description Roundabou		per intersection	Units 0	\$0.00	Ahead Sign - S		iliction Sign/Stop
	onal Mediar	. , ,	per intersection	0	\$0.00	7.1.000 O.g.	3.1.001.01.00,	
Mainline Dynamic W			per intersection	0	\$0.00			
	ose Mediar	\$25,000	per intersection	0	\$0.00			
_	Street Lights		per street light	Installed	\$0.00			
. 0	e Stop Sigr		per sign	1	\$350.00			
Upgrade Stop	unction Sigr		per sign per sign	0 0	\$0.00 \$0.00			
Upgrade Stop Ahe			per marking	1	\$450.00			
	de Stop Ba		per marking	1	\$250.00			
Review Sig	ns and CST	\$2,450	per intersection	1	\$2,450.00			
0. 14 1. 10.					\$3,500.00			
Signs and Markings and Street	<u> </u>		er of minor legs associat			244424		
Project Cost Estimate (a	itach det	апеа сору)		Proposea	Year of Con	istruction		
Fe	deral Funds	\$3,150						
Local Match (10% of Total p		. ,						
Total Pro	oject Cost	t \$3,500	_					
NDDOT Central Office Or	nly							
Project Accepted?	Yes	No	Reference Number			ID Number		
Notes								
							Dere: 40	
						الملما	Page: 16	02
						inte	rsection ID: 10. Date: 8/1	

North Dakota Department of SFN 59959 (06-2011)	Transporta	tion Programming					
0111 00000 (00 2011)		US H	wy 52 & 79th A	ve SE (W	ard 16)		
Agency Name:	Ward Co			•	DOT Distric	t: 4	
Contact Name:	Dana La	rsen		Teleph	one Numbe	r: 701-838-2810	
Email Address:	dana.lar	sen@wardnd.com		_			
Please attach a location map(s).	You may u	se additional sheets to f	urther describe your proje	ect.			
Location Description							
						mphasis Area (check all that	apply)
	.,	T (0	0700			hol Impaired Driving	
Configuration: Configuration (2):		Traffic Control Device: Street Lights:				Use of Safety Restraints for a er/Older Driver Safety	all Occupants
Urban/Rural:		Flashers:			Curb Aggress		
County:		Major ADT:				s to Address Lane Departure	Crashes
Entering ADT:	4733	Minor ADT:	85			mergency Medical Capabilitie	s to Increase Survivability
				✓	Improve Inter	section Safety	
Describe Current Safety	lssues &	Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012		Cyclemic Rumang	11011011				
	Total	Angle	K+A		A		
Crashes		0	0.00				
Rate (per MVM)	0.0	0.0	0.0	_			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
							医多种 1
	Value	Critical	Risk Ranking				
Skew		Yes					
On/Near Curve		Yes	*				
Development		Yes					
Near RR Crossing Distance from previous STOP		Yes Yes	_				
Volume Cross Product		≥ 100,000	*				
Total Crashes		>0			1000		

Describe Proposed Safet	ty Improv	omonts					
Describe i roposed Gares	y mipiov	Cilicino					
	Description	Unit Cost		Units	Cost	Notes -	
F	Roundabout		per intersection	0	\$0.00		
Direction	onal Median		per intersection	0	\$0.00		
Mainline Dynamic W			per intersection	0	\$0.00		
	ose Median Street Lights		per intersection per street light	0 1	\$0.00 \$6,000.00		
_	e Stop Sign		per sign	2	\$700.00		
	inction Sign		per sign	2	\$700.00		
Upgrade Stop		· ·	per sign	2	\$900.00		
Upgrade Stop Ahe	ead Marking de Stop Bar	· ·	per marking per marking	2 2	\$900.00 \$500.00		
Review Sign	•	· ·	per intersection	1	\$2,450.00		
<u> </u>			·		\$12,150.00)	
Signs and Markings and Street I			er of minor legs associat				
Project Cost Estimate (at	tach deta	iled copy)		Proposed	Year of Con	nstruction	
Fed	deral Funds	\$10,935					
Local Match (10% of Total p		,					
Total Pro	ject Cost	\$12,150	_				
NDDOTO : : 0.00							
NDDOT Central Office Or Project Accepted?			Reference Number			ID Number	
Notes	Yes	No	reference (variber			ID Number	
						Page: Intersection ID:	
							8/13/2013

HIGHWAY SAFETY IM			.M (HSIP) PROJE	CT APPLIC	CATION		
North Dakota Department of T SFN 59959 (06-2011)	ransportation	1 Programming					
,		US Hwy	2 & 54th St/62r	nd St NW	(Ward 17))	
Agency Name:	Ward Coun	_			DOT District:		
Contact Name:				Teleph	one Number:	701-838-28	10
Email Address:		_					
Please attach a location map(s). Location Description	You may use a	idditional sheets to fu	arther describe your proje	ect.			
Location Description				Τ	SHSD Em	unhacie Area (ch	eck all that apply)
						ol Impaired Drivi	
Configuration:		raffic Control Device:				•	straints for all Occupants
Configuration (2): Urban/Rural:		Street Lights: Flashers:			Curb Aggressive	r/Older Driver Sa ve Driving	arety
County:		Major ADT:					e Departure Crashes
Entering ADT:	7773	Minor ADT:	1223		•	• ,	I Capabilities to Increase Survivability
				✓	Improve Inters	ection Safety	
Describe Current Safety I	ssues & Sy:	stemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
	Total	Angle	K+A				
Crashes	0	0	0.00	_			
Rate (per MVM)	0.0	0.0	0.0	_			
							1
							free.
01	Value	Critical	Risk Ranking	<u></u>			
Skew On/Near Curve	No Yes	Yes Yes	+		- 7		
Development	No	Yes	^		7 - 1		
Near RR Crossing	No	Yes					
Distance from previous STOP Volume Cross Product	Yes Yes	Yes ≥ 100,000	*		11		
Total Crashes	0	≥ 100,000 >0	*				
			***		Western Edit Consu		
Describe Proposed Safety	y Improvem	ents					
,							
]	Description	Unit Cost		Units	Cost	_	deration should be given for large
	Roundabout	. , ,	per intersection	0 1	\$0.00	`	e movers) in the design of median. If dian is not feasible, mainline dynamic
Mainline Dynamic Wa	nal Median arning Sign		per intersection per intersection	0	\$750,000.00 \$0.00		s may be considered as an alternate
Clo	ose Median	\$25,000	per intersection	0	\$0.00		ement. Oil County Project (Junction
Installing St	treet Lights e Stop Sign		per street light per sign	Installed 0	\$0.00 \$0.00	Sign/Stop Ahe	ad/STOP - Sheet 51-46)
Upgrade Jui			per sign	0	\$0.00		
Upgrade Stop A			per sign	0	\$0.00		
Upgrade Stop Ahea	ad Marking le Stop Bar		per marking per marking	2 2	\$900.00 \$500.00		
Review Sign	•		per intersection	1	\$2,450.00	_	
Signs and Markings and Street I	ight project oor	eta vary by the numb	or of minor logo accorda	ad with the inter	\$753,850.00		
Signs and Markings and Street L Project Cost Estimate (att			er or minor legs associati		Year of Cons	struction	
,		1 2 /					
	leral Funds	\$678,465 \$75,385					
Local Match (10% of Total po Total Pro	· ·	\$753,850	-				
	-						
NDDOT Central Office On			Deference Number	<u> </u>		ID Number	
Project Accepted? Notes	Yes	No	Reference Number			ID Number	
							Page: 18
						Inte	rsection ID: 17.01
							Date: 11/11/2013

HIGHWAY SAFETY IN North Dakota Department of SFN 59959 (06-2011)			M (HSIP) PROJE	CT APPLI	CATION	
Agency Name: Contact Name: Email Address:	Dana Lars	inty sen en@wardnd.com	St SE (Ward 2	ND Teleph	DOT Distric	t: 4 r: 701-838-2810
Please attach a location map(s). Location Description	You may use	additional sheets to for	urther describe your proje	ect.		
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Ward	Traffic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	No No 335		Reduce Alcoh Increase the I Younger Drive Curb Aggress Improvements Enhancing Er	mphasis Area (check all that apply) nol Impaired Driving Use of Safety Restraints for all Occupants er/Older Driver Safety sive Driving s to Address Lane Departure Crashes mergency Medical Capabilities to Increase Survivability section Safety
Describe Current Safety	Issues & S	vstemic Ranking	Review			
North Dakota TBD, 2008 - 2012		ystemic Nanking	Neview			
Crashes Rate (per MVM)		Angle 0 0.0	K+A 0.00 0.0	- -		
Skew		Critical Yes	Risk Ranking ★	_		
On/Near Curve Development Near RR Crossing	No	Yes Yes Yes	*			
Distance from previous STOP Volume Cross Product Total Crashes	Yes No	Yes ≥ 100,000 >0	*			

Describe Proposed Safe	ty Improve	ments				
	December	Linit Coot		l laita	Coot	Notes - Oil County Project (Junction
F	Description Roundabout	Unit Cost \$1,000,000	per intersection	Units 0	\$0.00	Sign/STOP/Stop Ahead Sign - Sheet 51-100)
Direction Mainline Dynamic W	onal Median		per intersection per intersection	0	\$0.00 \$0.00	
CI	ose Median	\$25,000	per intersection	0	\$0.00	
_	Street Lights e Stop Sign		per street light per sign	1 0	\$6,000.00 \$0.00	
Upgrade Ju	inction Sign		per sign	0	\$0.00	
Upgrade Stop Upgrade Stop Ahe			per sign per marking	0 2	\$0.00 \$900.00	
Upgra	de Stop Bar	\$250	per marking	2	\$500.00	
Review Sign	ns and CST	\$2,450	per intersection	1	\$2,450.00 \$9,850.00	_
Signs and Markings and Street I			er of minor legs associat		section.	
Project Cost Estimate (at	ttach detail	led copy)		Proposed	Year of Con	nstruction
Local Match (10% of Total p	deral Funds project cost) oject Cost	\$8,865 \$985 \$9,850	-			
NDDOT Central Office Or	nlv	·				
Project Accepted?	Yes	No	Reference Number	T		ID Number
Notes						Page: 19
						Intersection ID: 23.01 Date: 8/13/2013

UICUWAY SAEETY IMI	DDOVE	MENT DROCDA	M (HSID) BBO II	ECT ADDLI	CATION			
HIGHWAY SAFETY IMF North Dakota Department of Tr SFN 59959 (06-2011)			M (HSIP) PROJE	=CI APPLI	JATION			
	142nd	St SW (Ward	1 501) & 359th	Ave SW/N	ID Hwy 5	3 (Ward 24	4)	
Agency Name: V	Ward Co ı	unty	-	ND	DOT District	t: 4	•	
Contact Name: D	Dana Lar	sen		Teleph	one Number	r: 701-838-28 ²	10	
		en@wardnd.com						
Please attach a location map(s). Y	ou may use	e additional sheets to fu	urther describe your proj	ject.				
Location Description								
Configuration: X Configuration (2): U Urban/Rural: R County: V Entering ADT: 1	Undivided Rural Ward 100	Traffic Control Device: Street Lights: Flashers: Major ADT: Minor ADT:	: No : No : 80 : 20		Reduce Alcoh Increase the L Younger Drive Curb Aggress Improvements Enhancing En	nol Impaired Drivi Use of Safety Res er/Older Driver Sa sive Driving s to Address Land	estraints for all Occu	es
Describe Current Safety Is	sues & S	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012								
İ	T-4-1	A I	17 · A					
Crashes	Total 0	Angle 0	0.00					No.
Rate (per MVM)	0.0	0.0	0.00				and the	
W ,							10	0 9
					- E 5/4			The same
İ	Value	Critical	Dick Banking		Sec.		/	
Skew	Value Yes	Critical Yes	Risk Ranking ★					
On/Near Curve	Yes	Yes	*			1	and the second	
Development	No	Yes				/		No. of London
Near RR Crossing	No	Yes						
Distance from previous STOP	Yes	Yes	*			The state of		. 9
Volume Cross Product Total Crashes	No 0	≥ 100,000 >0				The Second		
Total Gradiles			***	_	A Company		B. Carlotte	
Describe Proposed Safety	Improve	ments						
İ								
	Description	Unit Cost	intersection	Units	Cost	Notes -		
	oundabout nal Median		per intersection per intersection	0	\$0.00 \$0.00			
Mainline Dynamic War		. ,	per intersection	0	\$0.00			
Clos	se Median	\$25,000	per intersection	0	\$0.00			
Installing Str	_		per street light	0	\$0.00			
Upgrade S Upgrade Jund	Stop Sign	·	per sign per sign	2 2	\$700.00 \$700.00			
Upgrade Stop Af			per sign	2	\$900.00			
Upgrade Stop Ahead			per marking	1	\$450.00			
Upgrade Review Signs	e Stop Bar		per marking	2	\$500.00			
Review Signs	and CST	\$2,450	per intersection	1	\$2,450.00 \$5,700.00	_		
Signs and Markings and Street Lig	ght project o	costs vary by the numb	er of minor legs associa	ted with the inter				
Project Cost Estimate (atta					Year of Con	struction		
F. 1-		*= 100						
Fede Local Match (10% of Total pro	eral Funds	\$5,130 \$570						
Total Proje		\$5,700	-					
	00. 000.	+• ,. • •						
NDDOT Central Office Only	y							
Project Accepted?	Yes	No	Reference Number			ID Number		
Notes								
							Page: 20	
						Inte	ersection ID: 24.02	
							Date: 8/13/20	013

HIGHWAY SAFETY IN North Dakota Department of SFN 59959 (06-2011)			M (HSIP) PROJ	ECT APPLI	CATION		
Agency Name: Contact Name: Email Address:	Dana La dana.lar	rsen sen@wardnd.com		ND Teleph	DOT Distric	-	
Please attach a location map(s).	. You may u	ise additional sheets to f	urther describe your pro	ject.			
Location Description				T	01100.5		
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	: Undivided : Rural : Ward : 1293	Flashers Major ADT: Minor ADT:	No No 1215 78		Reduce Alcol Increase the Younger Driv Curb Aggress Improvement Enhancing E	Emphasis Area (check all that apply) hol Impaired Driving Use of Safety Restraints for all Occupants ver/Older Driver Safety sive Driving ts to Address Lane Departure Crashes imergency Medical Capabilities to Increase Surv rsection Safety	⁄ivability
Describe Current Safety		Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012							
Crashes Rate (per MVM)		Angle 0 0.0	K+A 0.00 0.0	_			
	Malara	0.25	Diele Decilie				
Skew	Value V Yes	Critical Yes	Risk Ranking ★				
On/Near Curve	Yes	Yes	*				
Development		Yes				0 0	
Near RR Crossing Distance from previous STOP		Yes Yes	*				
Volume Cross Product		≥ 100,000			1		
Total Crashes	s 0	>0	***				
Describe Proposed Safet	ty Improv	vements					
	Description	n Unit Cost		Units	Cost	Notes -	
ſ	Roundabout		per intersection	0	\$0.00		
Direction Mainline Dynamic W	onal Median		per intersection per intersection	0	\$0.00 \$0.00		
	lose Median		per intersection	0	\$0.00		
g .	Street Lights		per street light	0	\$0.00		
Upgrad Upgrade Ju	le Stop Sign		per sign per sign	2 2	\$700.00 \$700.00		
Upgrade Stop	Ahead Sign	\$450	per sign	2	\$900.00		
Upgrade Stop Ahe	ead Marking de Stop Bai		per marking per marking	2 2	\$900.00 \$500.00		
Review Sign			per intersection	1	\$2,450.00		
Signs and Markings and Street I	Light projec	t costs yary by the numb	or of minor logs associa	atad with the inte	\$6,150.00		
Signs and Markings and Street I Project Cost Estimate (at			er or millior legs associa		Year of Cor	nstruction	
		, ,					
Fe Local Match (10% of Total p	deral Funds	. ,					
	oject Cost		_				
NDDOTO / LOSS O	•						
NDDOT Central Office Of Project Accepted?	Yes	□ No	Reference Number			ID Number	
Notes	1 163			I			
						Page: 21	
						Intersection ID: 501.01 Date: 8/13/2013	

HIGHWAY SAFETY IN	/IPROVE	EMENT PROGRA	M (HSIP) PROJE	CT APPLI	CATION			
North Dakota Department of SFN 59959 (06-2011)			()	· · · · ·				
3FN 39939 (00-2011)		US H	vy 52 & Co Rd	19 S (Wa	ard 504)			
Agency Name:	Ward Co		., o <u> </u>	-	DOT District	:: 4		
Contact Name:		-				: 701-838-2810	0	
		sen@wardnd.com						
Please attach a location map(s).		_	urther describe your proje	ect.				
Location Description								
-					SHSP En	nphasis Area (che	ck all that apply)	
					Reduce Alcoh	ol Impaired Driving	9	
Configuration:		Traffic Control Device:				•	raints for all Occupants	
Configuration (2):		Street Lights: Flashers:			Curb Aggressi	er/Older Driver Saf	ety	
Urban/Rural: County:		Major ADT:				-	Departure Crashes	
Entering ADT:		Minor ADT:			•		Capabilities to Increase	Survivability
· ·				V	Improve Inters	section Safety		•
Describe Current Safety	logues 9	Systemia Banking	Paviou					
Describe Current Safety North Dakota TBD, 2008 - 2012		Systemic Ranking	Review					
,								
	Total	Angle	K+A					
Crashes		0	0.00					
Rate (per MVM)	0.0	0.0	0.0	<u>—</u>		EN B PAR		
						1 11 11		
	Value	Critical	Risk Ranking			7 # 1	201	
Skew		Yes					District Control	
On/Near Curve		Yes	*					
Development		Yes	*		2	Sign State of the last of the		
Near RR Crossing Distance from previous STOP		Yes Yes						
Volume Cross Product		res ≥ 100,000	*					
Total Crashes		>0		<u></u>				

Describe Proposed Safe	tv Improv	/ements						
•	, ,							
	Description	n Unit Cost		Units	Cost	Notes - Oil Cour	nty Project (Junction Sign	n/Stop
F	Roundabout	t \$1,000,000	per intersection	0	\$0.00	Ahead Sign - Sh	neet 51-66)	•
	onal Median		per intersection	0	\$0.00			
Mainline Dynamic W	/arning Sign lose Median		per intersection per intersection	1 0	\$50,000.00 \$0.00			
	Street Lights	\$6,000	per street light	1	\$6,000.00			
_	le Stop Sign		per sign	1	\$350.00			
. 0	unction Sign		per sign	0	\$0.00			
Upgrade Stop Upgrade Stop Ahe			per sign	0	\$0.00			
	de Stop Bai		per marking per marking	1 1	\$450.00 \$250.00			
Review Sign	•		per intersection	1	\$2,450.00			
					\$59,500.00	_		
Signs and Markings and Street I	<u> </u>		er of minor legs associat			24*****		
Project Cost Estimate (at	ttach deta	апеа сору)		Proposed	Year of Con	Struction		
Fe	deral Funds	\$53,550						
Local Match (10% of Total p			_					
Total Pro	oject Cost	t \$59,500						
NDDOT Central Office Or	nlv							
Project Accepted?	Yes	No	Reference Number	T		ID Number		
Notes				II.				
							Dage: 00	
						Intoro	Page: 22 section ID: 504.02	
						inters	Date: 8/13/2013	

Ward County Rural Segment Projects

orridor ID	Local Street Name	Start	End	Length	Risk Ranking	4" Edge Line	Shoulder Rumble Strip	Edge Line Rumble Strip	6" Edge Lines	Center Line Ru	Project Cost (\$)
1.01	534th St	State Route 50	436th Ave		****	0.0	0.0	8.8	8.8	0.0	\$30,800
2.02	436th Ave	590th ST	Ward 11		****	0.0	5.8	0.0	5.8	0.0	\$17,400
5.03	Main St	US Hwy 52	Ward 7		***	0.0	0.0	0.0	1.8	0.0	\$1,170
8.01	128th Ave	US Hwy 52	US Hwy 83		***	0.0	12.9	0.0	12.9	0.0	\$38,700
9.03	310th St	Ward 20	Ward 14		***	0.0	11.5	0.0	11.5	0.0	\$44,700
10.02	19th Ave	Granly St	US Hwy 2		****	0.0	7.6	0.0	7.6	0.0	\$22,800
12.03	4th Ave	55th St	US Hwy 2		****	0.0	4.1	0.0	4.1	4.1	\$24,600
14.02	54th Ave	Ward 9	62nd St		***	0.0	0.0	17.8	17.8	0.0	\$62,300
14.04	54th Ave	US Hwy 83	1 mile east of 13th St		***	0.0	0.0	2.1	2.1	0.0	\$7,350
15.02	57th St	US Hwy 83	Ward 17		****	0.0	0.0	2.2	2.2	2.2	\$14,300
15.03	County Road 15 W	Ward 17	Ward 10		***	0.0	0.0	2.8	2.8	2.8	\$18,200
15.04	County Road 15 W	Ward 10	1 mile South of 86th St		****	0.0	0.0	2.2	2.2	0.0	\$7,700
17.02	54th St	US Hwy 2	Ward 15		***	0.0	0.0	1.3	1.3	1.3	\$8,450
23.04	153rd St	US Hwy 2	66th St		****	0.0	0.0	9.1	9.1	0.0	\$31,850
24.02	359th Ave	142nd St	US Hwy 83		***	0.0	0.0	9.7	9.7	0.0	\$33,950

Detailed Corridor Information

Ward (County Corrid	dors						≥ 45 MPH OR ≤ 40 MPH									Ad	ccess	
Corridor	Route	#	Local Name	Start	End	Road Type	Facility	Ana Speed Limit lyst Not	Length	Edge Risk Assesment	ERA 2	Lane Width	Paved Shoulder Width	r Gravel Shoulder Width	Curb & Gutter?	Shoulder Type	Total	Access/ Mile	Weighted ADT
1.01	Ward 1	1	534th St	Intersection with state route 50	Intersection with 436th Ave	Rural Paved	2-Lane	High	8.84	1		12	0	0	0	None	72	8.1	309
2.01 2.02	Ward 2 Ward 2	2	436th Ave 436th Ave	Intersection with 72nd Ave Intersection with 590th ST	Intersection with 450thAve Intersection with Ward 11	Rural Paved Rural Paved	2-Lane 2-Lane	High High	1.98 5.79	1		12 12	0	0	0	None Paved	14 34	7.1 5.9	145 395
2.02	Ward 2	2	6th St	Intersection with Ward 1	Intersection with US Hwy 52	Rural Paved	2-Lane	Low	1.08	2	Drop offs & objects	12	0	4	0	Gravel	51	47.2	1230
2.04	Ward 2	2	422nd Ave	Intersection with US Hwy 52	Intersection with Ward 3	Rural Paved	2-Lane	High	4.49	1	.,	12	2	0	0	Paved	39	8.7	430
2.05	Ward 2	2	422nd Ave	Intersection with Ward 3	Intersection with 52nd Ave	Rural Paved	2-Lane	High	4.97	1		12	2	0	0	Paved	31	6.2	230
3.01 3.02	Ward 3 Ward 3	3	436th St 436th St	Intersection with Ward 4 Intersection with Ward 2	Intersection with Ward 2 Intersection with 90th St	Rural CMC Gravel Rural CMC Gravel			4.01 1.99							None None	0	0.0 0.0	25 70
4.01	Ward 4	4	366th Ave	Intersection with US Hwy 52	Intersection with 52nd Ave	Rural CMC Gravel			5.07							None	0	0.0	50
5.01	Ward 5	5	394th St	Intersection with Ward 6	Intersection with 240th Ave	Rural CMC Gravel			4.00							None	0	0.0	62
5.02	Ward 5	5	394th St	Intersection with 240th Ave	Intersection with US Hwy 52	Rural Paved	2-Lane	High	1.95	2	drop offs	12	2	0	0	Paved	7	3.6	115
5.03 6.01	Ward 5 Ward 6	5 6	Main St 184th Ave	Intersection with US Hwy 52 Intersection with Ward 5	Intersection with Ward 7 1 mile to city of carpio	Rural Paved Rural CMC Gravel	2-Lane	High	1.76 7.25	2	water, drop offs	12	2	0	0	Paved None	20 0	11.4 0.0	80 55
6.02	Ward 6	6	184th Ave	1 mile to city of carpio	Intersection with state route 28	Rural Paved	2-Lane	High	1.77	1		12	2	0	0	Paved	9	5.1	60
6.03	Ward 6	6	198th Ave	Intersection with state route 28	Intersection with Reneville 6	Rural Paved	2-Lane	Low	7.06	2	water, drop offs	12	0	0	0	None	43	6.1	218
7.01	Ward 7	7	282nd Ave	Intersection with Ward 5	Intersection with 52nd Ave	Rural CMC Gravel	0.1	11:-1-	0.49	0		40	0	0	•	None	0	0.0	230
8.01 8.02	Ward 8 Ward 8	8 8	128th Ave 128th Ave	Intersection with US Hwy 52 Intersection with US Hwy 83	Intersection with US Hwy 83 Intersection with Ward 23	Rural Paved Rural Paved	2-Lane 2-Lane	High High	12.88 10.87	1	water, drop offs	12 12	2	0	0	Paved Paved	68 54	5.3 5.0	174 617
9.01	Ward 9	9	338 St	Intersection with 373rd Ave	Intersection with state route 23	Rural Paved	2-Lane	High	8.00	1		12	0	0	0	None	50	6.2	288
9.02	Ward 9	9	338 St	Intersection with state route 23	Intersection with Ward 20	Rural Paved	2-Lane	High	3.35	1		12	2	0	0	Paved	20	6.0	675
9.03	Ward 9	9		Intersection with Ward 20	Intersection with Ward 14	Rural Paved	2-Lane	High	11.55	1		12	2	0	0	Paved	51	4.4	157
9.04 10.01	Ward 9 Ward 10	9 10	310th St 184th St	Intersection with Ward 14 Intersection with Ward 9	Intersection with US Hwy 2 Intersection with Granly St	Rural Paved Rural Paved	2-Lane 2-Lane	High High	10.00 10.74	1		12 12	4	0	0	Paved Paved	71 56	7.1 5.2	121 263
10.01	Ward 10		19th Ave	Intersection with Ward 9 Intersection with Granly St	Intersection with US Hwy 2	Rural Paved	2-Lane	High	7.60	1		12	2	0	0	Paved	75	9.9	671
10.03	Ward 10		60 th St	Intersection with Ward 15	Intersection with US Hwy 83	Rural Paved	2-Lane	High	4.82	1		12	8	0	0	Paved	29	6.0	457
10.04	Ward 10A	10/	46th Ave	Intersection with US Hwy 83	Intersection with Ward 19	Rural Paved	2-Lane	High	1.98	1		12	12	0	0	Paved	22	11.1	1793
10.05	No designation	11	46th Ave	Intersection with Ward 19	Intersection with Ward 12	Rural CMC Gravel Rural Paved	2-Lane	High	2.00 4.89	4		12	0	0	0	None	0 26	0.0 5.3	170 1680
11.01 12.01	Ward 11 Ward 12		184th St 22nd St	Intersection with US Hwy 52 1 mile west of Ward 17	Intersection with Ward 6 Intersection with Ward 17	Rural Paved	2-Lane	Low	0.91	2	drop offs	12	4	0	0	None Paved	23	25.4	260
12.02	Ward 12		4th Ave	Intersection with Ward 19	Intersection with 55th St	Rural Paved	2-Lane	High	2.01	1	a.op oo	12	Ö	2	Ö	Gravel	16	8.0	3190
12.03	Ward 12		4th Ave	Intersection with 55th St	Intersection with US Hwy 2	Rural Paved	2-Lane	High	4.09	1		12	2	0	0	Paved	58	14.2	1204
12.04	Ward 12A		55th St	Intersection with Ward 14	Intersection with US Hwy 2	Rural Paved	2-Lane	Low	2.24 0.76	1 2	no choulder	12 12	0	0	1	None	41 24	18.3 31.8	881 2400
12.05 12.06	Ward 12A No designation	12	55th St 55th St	Intersection with US Hwy 2 Intersection with 4th Ave	Intersection with 4th Ave Intersection with 46th Ave	Rural Paved Rural CMC Gravel	2-Lane	Low	3.03	2	no shoulder	12	U	U	U	None None	0	0.0	115
14.01	Ward 14	14	54th Ave	Intersection with 408thSt	Intersection with Ward 9	Rural CMC Gravel			6.03							None	0	0.0	65
14.02	Ward 14		54th Ave	Intersection with Ward 9	Intersection with 62nd St	Rural Paved	2-Lane	High	17.84	1		12	2	0	0	Paved	77	4.3	210
14.03	Ward 14		37th Ave	Intersection with 54th Ave	Intersection with US Hwy 83	Rural Paved Rural Paved	2-Lane	Low	5.77 2.13	1		12 12	2	0	0	Paved	55 35	9.5 16.4	1010 548
14.04 14.05	Ward 14 Ward 14A		54th Ave 38th St	Intersection with US Hwy 83 1 mile east of 13th St	1 mile east of 13th St Intersection with 37th Ave	Rural Paved	2-Lane 2-Lane	High Low	1.27	1		12	2	0	0	Composite Paved	33	25.9	300
14.06	Ward 14		37th St	Intersection with Ward 14A	Intersection with 72nd AVe Ave	Rural Paved	2-Lane	Low	2.19	2	small clear zone	12	2	0	Ö	Paved	43	19.6	408
14.07	Ward 14	14	72nd Ave	Intersection with 37th St	Intersection with 11th Ave	Rural Paved	2-Lane	Low	2.01	2	flooding	12	2	0	0	Paved	49	24.3	0
15.02	Ward 15		57th St	Intersection with US Hwy 83	Intersection with Ward 17	Rural Paved	2-Lane	High	2.23 2.76	1	amall alaar zana	12 12	2	2	0	Composite	24 33	10.8 12.0	4010
15.03 15.04	Ward 15 Ward 15	15 15	County Road 15 W County Road 15 W	Intersection with Ward 17 Intersection with Ward 10	Intersection with Ward 10 1 mile South of 86th St	Rural Paved Rural Paved	2-Lane 2-Lane	High High	2.16	1	small clear zone	12	2	0	0	Paved Paved	33	15.3	2510 520
15.05	Ward 15 Ward 15	15		1 mile South of 86th St	Intersection with Ward 8	Rural CMC Gravel	L Lune	riigii	5.49				-	Ŭ	Ü	None	0	0.0	70
16.01	Ward 16	16		Intersection with US Hwy 83	Intersection with US Hwy 52	Rural CMC Gravel			6.79							None	0	0.0	70
16.02	Ward 16	16		Intersection with US Hwy 52	Intersection with 97th St	Rural Paved	2-Lane	Low	1.10	2	flooding	12	2	0	0	Paved	0	0.0	210
16.03 17.01	Ward 16 Ward 17	16 17	79th Ave 62nd St	Intersection with 97th St Intersection with Ward 14	Intersection with 20th Ave Intersection with US Hwy 2	Rural CMC Gravel Rural Paved	2-Lane	Low	6.10 3.10	1		12	4	0	Ω	None Paved	0 24	0.0 7.8	138 315
17.01	Ward 17	17	54th St	Intersection with US Hwy 2	Intersection with Ward 15	Rural Paved	2-Lane	High	1.28	1		12	4	0	0	Paved	18	14.0	1575
19.01	Ward 19	19	27th St	Intersection with Ward 12	Intersection with Ward 8	Rural Paved	2-Lane	High	9.09	1		12	2	0	0	Paved	50	5.5	1279
20.01	Ward 20		205th Ave	Intersection with 380th St	Intersection with Ward 12	Rural CMC Gravel			2.30							None	0	0.0	80
20.02 20.03	Ward 20 Ward 20		117th Ave 117th Ave	Intersection with Ward 12 Intersection with 142nd St	Intersection with 142nd St Intersection with US Hwy 83	Rural CMC Gravel Rural Paved	2-Lane	High	12.82 10.03	1		12	2	0	0	None Paved	0 45	0.0 4.5	43 302
22.01	Ward 22		303rd Ave	Intersection with Ward 9	Intersection with Corona St	Rural Paved	2-Lane	High	6.36	1		12	2	0	0	Paved	48	7.5	163
22.02	Ward 22	22	303rd Ave	Intersection with Corona St	Intersection with 142nd St	Rural CMC Gravel		÷	7.58							None	0	0.0	65
22.03	Ward 22		303rd Ave	Intersection with 142nd St	Intersection with US Hwy 83	Rural CMC Gravel	01	LI;~L	10.25	4		40	2	0	^	None	0	0.0	35
23.01 23.02	Ward 23 Ward 23		21st Ave 21st Ave	Intersection with 373rd Ave Intersection with state route 23	Intersection with state route 23 Intersection with US Hwy 53	Rural Paved Rural Paved	2-Lane 2-Lane	High High	9.30 7.67	1 1		12 12	2 2	0	0	Paved Paved	46 31	4.9 4.0	141 362
23.02	Ward 23		153rd St	Quarter mile north of Dakota Ave	Intersection with US Hwy 33	Rural Paved	2-Lail6	Rural CMC Gravel, r	10.53	1		14	~	U	U	None	0	0.0	101
23.04	Ward 23	23	153rd St	Intersection with US Hwy 2	Intersection with 66th St	Rural Paved	2-Lane	High	9.09	1		12	2	0	0	Paved	63	6.9	310
24.01	Ward 24		359th Ave	Intersection with state route 28	Intersection with 142nd St	Rural Paved	2-Lane	High	8.27	1	n - "	12	2	0	0	Paved	47	5.7	178
24.02 500.01	Ward 24	24	359th Ave	Intersection with 142nd St	Intersection with US Hwy 83	Rural Paved Rural CMC Gravel	2-Lane	High	9.70 5.23	2	flooding	12	2	0	0	Paved None	61 0	6.3 0.0	283 40
500.01	No designation No designation		254th St Main St	Intersection with State route 23 Intersection with 373rd Ave	Intersection with Ward 20 Intersection with Ward 24	Rural CMC Gravel			1.06							None	0	0.0	61
501.02	No designation		142nd St	Intersection with Ward 24	Intersection with State route 22	Rural CMC Gravel			8.45							None	0	0.0	54
501.03	No designation	NA	142nd St	Intersection with State route 22	Intersection with Ward 22	Rural Paved	2-Lane	High	5.06	2	small clear zone	12	2	0	0	Paved	21	4.1	85
502.01 504.01	No designation		135th Ave	Intersection with US Hwy 83	Intersection with US Hwy 52	Rural CMC Gravel Rural Paved	2-Lane	Low	8.83 0.77	1		12	2	0	0	None Payed	Ο Δ	0.0 11.7	148 170
504.01 504.02	No designation No designation		Conty Road 19 S Conty Road 19 S	Intersection with US Hwy 52 Intersection with Ward 16	Intersection with Ward 16 Intersection with US Hwy 52	Rural Paved Rural Paved	2-Lane 2-Lane	Low Low	2.51	1		12	2	0	0	Paved Paved	30	12.0	325
504.03	No designation		Conty Road 19 S	Intersection with US Hwy 52	Intersection with Ward 14	Rural Paved	2-Lane	Low	1.77	1		12	2	0	0	Paved	64	36.2	488

Detailed Corridor Information

Ward C	ounty Corrid	ors							Intersection		Severity					Dia	agram - SEVERE	Only			
Corridor	Route	# L	Local Name	Start	End	Years of Data AADT	Total Crashes	Severe Crashes	Crashes	K A	В	C PDO	Rear Sideswip End Passing			Right Angle Angle (Same Dir)	Angle (Not Specific)	Head On	Sideswipe Opposing	Rear-to-Rear	Rear-to- Side
1.01	Ward 1		534th St	Intersection with state route 50	Intersection with 436th Ave	5 309 5 145	4	-	-	-	- 2	- 2	-				-	-		-	
2.01 2.02	Ward 2 Ward 2		136th Ave 136th Ave	Intersection with 72nd Ave Intersection with 590th ST	Intersection with 450thAve Intersection with Ward 11	5 395	2	-	-	-	- 1	- 1	-				-	-		-	
2.03	Ward 2	_	6th St	Intersection with Ward 1	Intersection with US Hwy 52	5 1,230	-	-	-	-			-				-	-		-	
2.04 2.05	Ward 2		122nd Ave 122nd Ave	Intersection with US Hwy 52	Intersection with Ward 3	5 430 5 230	1	-	-	-		- 1	-		-		-	-		-	
3.01	Ward 2 Ward 3		136th St	Intersection with Ward 3 Intersection with Ward 4	Intersection with 52nd Ave Intersection with Ward 2	5 25	-	-	-	-			-				-	-		-	
3.02	Ward 3		136th St	Intersection with Ward 2	Intersection with 90th St	5 70	-	-	-	-			-				-	-		-	
4.01	Ward 4		366th Ave	Intersection with US Hwy 52	Intersection with 52nd Ave	5 50 5 62	-	-	-	-			-				-	-		-	
5.01 5.02	Ward 5 Ward 5		394th St 394th St	Intersection with Ward 6 Intersection with 240th Ave	Intersection with 240th Ave Intersection with US Hwy 52	5 62	-	-	-	-			-				-	-		- -	
5.03	Ward 5		Main St	Intersection with US Hwy 52	Intersection with Ward 7	5 80	-	-	-	-			-				-	-			
6.01	Ward 6		184th Ave	Intersection with Ward 5	1 mile to city of carpio	5 55	1	-	-	-		- 1	-		-		-	-		-	
6.02 6.03	Ward 6 Ward 6		184th Ave 198th Ave	1 mile to city of carpio Intersection with state route 28	Intersection with state route 28 Intersection with Reneville 6	5 60 5 218	-	-	-	-			-				-	-		-	
7.01	Ward 7		282nd Ave	Intersection with Ward 5	Intersection with 52nd Ave	5 230	-	-	-	_			-		_		-	_		_	
8.01	Ward 8		128th Ave	Intersection with US Hwy 52	Intersection with US Hwy 83	5 174	4	-	-	-		- 4	-		-		-	-		-	
8.02	Ward 8		128th Ave	Intersection with US Hwy 83	Intersection with Ward 23	5 617 5 288	5	- 1	-	- 1		- 5	_		-	-	-	-		-	
9.01 9.02	Ward 9 Ward 9		338 St 338 St	Intersection with 373rd Ave Intersection with state route 23	Intersection with state route 23 Intersection with Ward 20	5 288 5 675	2	1 -	-	-		- 2	_				1 -	-		- -	
9.03	Ward 9		310th St	Intersection with Ward 20	Intersection with Ward 14	5 157	5	1	-		1 -	- 4	-		- 1		-	-		-	
9.04	Ward 9		310th St	Intersection with Ward 14	Intersection with US Hwy 2	5 121	3	-	-	-		- 3	-				-	-		-	
10.01 10.02	Ward 10 Ward 10		184th St 19th Ave	Intersection with Ward 9 Intersection with Granly St	Intersection with Granly St Intersection with US Hwy 2	5 263 5 671	10	-	1	-	 - 1	- 1 - 19	l -		. <u>-</u>		-	-		<u> </u>	
10.02	Ward 10		60 th St	Intersection with Ward 15	Intersection with US Hwy 83	5 457	5	-	-	_	- 1	- 4	-		_		-	_		_	
10.04	Ward 10A		16th Ave	Intersection with US Hwy 83	Intersection with Ward 19	5 1,793	3	-	-	-	- 2	- 1	-				-	-		-	
10.05	No designation		16th Ave	Intersection with Ward 19	Intersection with Ward 12	5 170	3	-	-	-			-		-		-	-		-	
11.01 12.01	Ward 11 Ward 12		184th St 22nd St	Intersection with US Hwy 52 1 mile west of Ward 17	Intersection with Ward 6 Intersection with Ward 17	5 1,680 5 260	3	-	-	-		- 3	-				-	-	· ·	-	
12.01	Ward 12		th Ave	Intersection with Ward 19	Intersection with 55th St	5 3,190	11	-	-	-		- 11	-				-	-			
12.03	Ward 12		1th Ave	Intersection with 55th St	Intersection with US Hwy 2	5 1,204	5	-	-	-		- 5	-				-	-		-	
12.04 12.05	Ward 12A Ward 12A		55th St 55th St	Intersection with Ward 14	Intersection with US Hwy 2	5 881 5 2,400	2	-	-	-	- 1	- 1	-		-		-	-		-	
12.05	lo designation		55th St	Intersection with US Hwy 2 Intersection with 4th Ave	Intersection with 4th Ave Intersection with 46th Ave	5 115	1	-	_	-		- 1	_				-	_		_	
14.01	Ward 14	14 5	54th Ave	Intersection with 408thSt	Intersection with Ward 9	5 65	-	-	-	-			-				-	-		-	
14.02	Ward 14		54th Ave	Intersection with Ward 9	Intersection with 62nd St	5 210	14	-	1	-	- 3	- 11	-				-	-		-	
14.03 14.04	Ward 14 Ward 14		37th Ave 54th Ave	Intersection with 54th Ave Intersection with US Hwy 83	Intersection with US Hwy 83 1 mile east of 13th St	5 1,010 5 548	8 4	1	1 -	- '	1 1	- 6	-				-	-	• 1	! -	
14.05	Ward 14A		38th St	1 mile east of 13th St	Intersection with 37th Ave	5 300	2	-	-	-		- 2	-				-	-			
14.06	Ward 14		37th St	Intersection with Ward 14A	Intersection with 72nd AVe Ave	5 408	1	-	-	-		- 1	-		-		-	-		-	
14.07 15.02	Ward 14 Ward 15		72nd Ave 57th St	Intersection with 37th St	Intersection with 11th Ave Intersection with Ward 17	5 0 5 4.010	2 19	-	1	-	 2	1 1	-		-		-	-		-	
15.02	Ward 15		County Road 15 W	Intersection with US Hwy 83 Intersection with Ward 17	Intersection with Ward 17	5 2,510	12	-	-	-	- 2	- 10	-				-	_		-	
15.04	Ward 15		County Road 15 W	Intersection with Ward 10	1 mile South of 86th St	5 520	5	-	-	-		- 5	-				-	-		-	
15.05	Ward 15		County Road 15 W	1 mile South of 86th St	Intersection with Ward 8	5 70	-	-	-	-			-				-	-		-	
16.01 16.02	Ward 16 Ward 16		963rd Ave 79th Ave	Intersection with US Hwy 83 Intersection with US Hwy 52	Intersection with US Hwy 52 Intersection with 97th St	5 70 5 210	2	-	-	-	 - 1	 - 1	-				-	-	· 	-	
16.03	Ward 16	-	79th Ave	Intersection with 97th St	Intersection with 20th Ave	5 138	2	-	-	-	- 1	- 1	-				-	-			
17.01	Ward 17		S2nd St	Intersection with Ward 14	Intersection with US Hwy 2	5 315	3	-	-	-		- 3	-		-		-	-		-	
17.02 19.01	Ward 17 Ward 19	17 5 19 2	54th St 27th St	Intersection with US Hwy 2 Intersection with Ward 12	Intersection with Ward 15 Intersection with Ward 8	5 1,575 5 1,279	1 14	- 1	1	- 1	- 1 	1 12	l -				-	_		-	
20.01	Ward 20		205th Ave	Intersection with 380th St	Intersection with Ward 12	5 1,279	'-	-		-			-				-	-		-	
20.02	Ward 20	20 1	117th Ave	Intersection with Ward 12	Intersection with 142nd St	5 43	1	-	-	-		- 1	-		-		-	-		-	
20.03	Ward 20		117th Ave	Intersection with 142nd St Intersection with Ward 9	Intersection with US Hwy 83	5 302 5 163	3	-	-	-		- 3	l :			-	-	-		- -	
22.01 22.02	Ward 22 Ward 22		303rd Ave 303rd Ave	Intersection with ward 9 Intersection with Corona St	Intersection with Corona St Intersection with 142nd St	5 65		-	-	-		- 2	-				-	-			
22.03	Ward 22	22 3	303rd Ave	Intersection with 142nd St	Intersection with US Hwy 83	5 35	3	-	-	-		- 3	-				-	-		-	
23.01	Ward 23		21st Ave	Intersection with 373rd Ave	Intersection with state route 23	5 141		-	-	-			-		-		-	-		-	
23.02 23.03	Ward 23 Ward 23		21st Ave 153rd St	Intersection with state route 23 Quarter mile north of Dakota Ave	Intersection with US Hwy 53 Intersection with US Hwy 2	5 362 5 101	1 1	-	-	-		- 1 - 1	-				-	-	•	- -	
23.04	Ward 23		153rd St	Intersection with US Hwy 2	Intersection with 66th St	5 310	12	1	2	1	- 1	- 10	-			1 -	-	-			
24.01	Ward 24	24 3	359th Ave	Intersection with state route 28	Intersection with 142nd St	5 178	1	-	-	-	- 1		-		-		-	-		-	
24.02	Ward 24		359th Ave	Intersection with 142nd St	Intersection with US Hwy 83	5 283 5 40	4	-	1	-	- 1	- 3	-		-		-	-		<u> </u>	
500.01 501.01	No designation No designation		254th St Vain St	Intersection with State route 23 Intersection with 373rd Ave	Intersection with Ward 20 Intersection with Ward 24	5 40 5 61		-	-	-] -				-	-		- -	
501.02	No designation		142nd St	Intersection with Ward 24	Intersection with State route 22	5 54	1	-	-	-		- 1	-				-	-		_	
501.03	No designation		142nd St	Intersection with State route 22	Intersection with Ward 22	5 85		-	-	-			-		-		-	-		-	
502.01	No designation		135th Ave	Intersection with US Hwy 83	Intersection with US Hwy 52	5 148 5 170	1	-	-	-		- 1	l -		-		-	-		-	
504.01 504.02	No designation No designation		Conty Road 19 S Conty Road 19 S	Intersection with US Hwy 52 Intersection with Ward 16	Intersection with Ward 16 Intersection with US Hwy 52	5 170 5 325		-	-	-							-	-			
504.03	No designation		Conty Road 19 S	Intersection with US Hwy 52	Intersection with Ward 14	5 488	1	-	-		<u>-</u> -	<u>-</u> 1	<u>-</u>	<u>- </u> -	<u> </u>	<u> </u>		<u> </u>	<u>. </u>	_	

Detailed Corridor Information

The composition will be composed and the Composed of the Composed and th	Ward C	County Corrid	ors					Light Co	onditions - SE	VERE	Only	Ro	ad Cond	dition - SEV	ERE Only	Road C	haracte	eristics
201 Word 2 2 Alth Ave Intersection will \$400 Mer	Corridor	Route	#	Local Name	Start	End	Day	Dawn/ Dusk	Dark with Streetlights	Dark		Dry	Wet		Other	Straight		Other
2.00							-	-	-	-	-	-	-	-	-	-	-	
20.9 Word 2 2 47704 Am Intersection with US lawy 92 1 Intersection with US lawy 93 1 Intersection with US lawy 93 1 Intersection with US lawy 93 1 Intersection with US lawy 93 1 Intersection with US lawy 93 1 Intersection with US lawy 93 1 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with Ward 2 Intersection with US lawy 93 Intersection w							-	-	-	-	-	-	-	-	-	-	-	-
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1.00					•		-	-	-	-	-	-	-	_	-	-	-	
4 Ward 4 4 Jidith Ave	3.01	Ward 3	3	436th St		Intersection with Ward 2	-	-	-	-	-	-	-	-	-	-	-	
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50.03					•		_	_	-	_	_	_	_	_	_	_	_	
5.03 Visid 5 6 1989 Ave							-	_	-	-	-	-	-	_	-	-	-	
8.01 Vata B	6.03	Ward 6	6	198th Ave			-	-	-	-	-	-	-	-	-	-	-	
8.02 Ward 8	7.01	Ward 7		282nd Ave	Intersection with Ward 5	Intersection with 52nd Ave	-	-	-	-	-	-	-	-	-	-	-	
9.01 Ward 9 338 St Intersection with 1973 of Ave Intersection with 1974 of 20 1 1 1 1 1 1 1 1 1					•		-	-	-	-	-	-	-	-	-	-	-	
9.02 Ward 9 9 338 II Internection with Valued 20					•		- 1	-	-	-	-		-	-	-	-	-	-
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10.01 Ward 10								_	_		_	_	_		_	_		
10.02 Ward 10						•	_	_	-	_	-	_	_	_	-	_	_	
10.03 Ward 10						•	-	_	-	-	-	-	_	_	_	-	-	
10.05 No designation			10		•	•	-	-	-	-	-	-	-	-	-	-	-	
11-01 Ward 12 12 22nd SI	10.04	Ward 10A	10A	46th Ave	Intersection with US Hwy 83	Intersection with Ward 19	-	-	-	-	-	-	-	-	-	-	-	
12.01 Ward 12 12 22nd St	10.05	•					-	-	-	-	-	-	-	-	-	-	-	
12.02 Ward 12 12 4th Ave					· · · · · · · · · · · · · · · · · · ·		-	-	-	-	-	-	-	-	-	-	-	-
12.03 Ward 12A 12 dm Ave Intersection with S5th St Intersection with US Hwy 2							-	-	-	-	-	-	-	-	-	-	-	-
12.04 Ward 12A 12 56th St Intersection with Ward 14 12.05 Shift St Intersection with US Hwy 2 Intersection with US Hwy 2 Intersection with US Hwy 2 Intersection with US Hwy 2 Intersection with 46th Ave							-	-	-	-	-	-	-	-	-	-	-	-
12.06 No designation						•	_	-	-	-	-	_	-	-	-	_	-	
12.06 No designation S5h St Intersection with 40h Ave						•	_	_	_	_	_	_	_	_	_	_	_	
14.02 Ward 14					· · · · · · · · · · · · · · · · · · ·		-	-	-	-	-	-	-	-	-	-	-	
14 0.3 Ward 14 14 37th Ave	14.01	Ward 14	14	54th Ave	Intersection with 408thSt	Intersection with Ward 9	-	-	-	-	-	-	-	-	-	-	-	
14 14 14 15 14 15 15 16 16 16 17 16 17 17 18 18 18 18 18 18	14.02				Intersection with Ward 9	Intersection with 62nd St	-	-	-	-	-	-	-	-	-	-	-	
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14.06 Ward 14 14 37th St					•		-	-	-	-	-	-	-	-	-	-	-	-
14.07 Ward 14 14 72md Ave							_	-	-	-	-	_	-	-	-	_	-	-
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15.03 Ward 15 15 County Road 15 W Intersection with Ward 10 1 mile South of 86th St 1 mile South of 86th St 1 mile South of 86th St Intersection with Ward 16 16 963rd Ave Intersection with US Hwy 52 Intersection with Ward 16 16 79th Ave Intersection with US Hwy 52 Intersection with 97th St 1 mile South of 86th St Intersection with 97th St 1 mile South of 86th St Intersection with 97th St 1 mile South of 86th St Intersection with 97th St 1 mile South of 86th St Intersection with 97th St 1 mile South of 86th St Intersection with 97th St 1 mile South of 86t							_	_	_	_	_	_	_	_	_	_	_	
15.04 Ward 15 15 County Road 15 W Intersection with Ward 10 1 mile South of 88th St					•		-	-	-	-	-	-	-	_	_	-	-	
16.01 Ward 16			15				-	-	-	-	-	-	-	-	-	-	-	
16,02	15.05	Ward 15	15	County Road 15 W	1 mile South of 86th St	Intersection with Ward 8	-	-	-	-	-	-	-	-	-	-	-	
16.03 Ward 16 16 79th Ave	16.01	Ward 16		963rd Ave	Intersection with US Hwy 83	Intersection with US Hwy 52	-	-	-	-	-	-	-	-	-	-	-	
17.01 Ward 17 17 62nd St Intersection with Ward 14 Intersection with US Hwy 2 Intersection with US Hwy 2 Intersection with Ward 15 1 1 1 1 1 1 1 1 1							-	-	-	-	-	-	-	-	-	-	-	-
11.02 Ward 17 17 54th St Intersection with US Hwy 2 Intersection with Ward 15 19.01 Ward 19 19 27th St Intersection with Ward 12 Intersection with Ward 8 1 1							l -	-	-	-	-	l -	-	-	-	_	-	-
19.01 Ward 19 19 27th St Intersection with Ward 12 Intersection with Ward 8 -						•]	-	-	-	-	_	-	-	-		-	-
20.01 Ward 20 20 205th Ave Intersection with 380th St Intersection with Ward 12 Intersection with Ward 12 Intersection with Ward 12 Intersection with 142nd St Intersection with 124nd								-	1	_	_	1	-	-	-	1	_	
20.02 Ward 20 20 117th Ave Intersection with Ward 12 Intersection with 142nd St 117th Ave Intersection with 142nd St Intersection with US Hwy 83							_	-	-	_	-		-	_	-] :	_	
20.03 Ward 20 20 117th Ave Intersection with 142nd St Intersection with US Hwy 83							-	-	-	-	-	-	-	-	-	-	-	
22.01 Ward 22 22 303rd Ave Intersection with Ward 9 Intersection with Corona St 22.02 Ward 22 22 303rd Ave Intersection with Corona St Intersection with 142nd St 1.							-	-	-	-	-	-	-	-	-	-	-	
22.03 Ward 22 22 303rd Ave Intersection with 142nd St Intersection with US Hwy 83		Ward 22					-	-	-	-	-	-	-	-	-	-	-	
23.01 Ward 23 23 21st Ave Intersection with 373rd Ave Intersection with state route 23 Intersection with US Hwy 53							-	-	-	-	-	-	-	-	-	-	-	
23.02 Ward 23 23 21st Ave Intersection with state route 23 Intersection with US Hwy 53						•	-	-	-	-	-	-	-	-	-	-	-	-
23.03 Ward 23 23 153rd St Quarter mile north of Dakota Ave Intersection with US Hwy 2 Intersection with 66th St 1							-	-	-	-	-	-	-	-	-	-	-	-
23.04 Ward 23 23 153rd St Intersection with US Hwy 2 Intersection with 66th St 1 1 1 1 24.01 Ward 24 24 359th Ave Intersection with state route 28 Intersection with 142nd St						•]	-	-	-	-	I -	-	-	-		-	-
24.01 Ward 24 24 359th Ave Intersection with state route 28 Intersection with 142nd St							1	-	-	_	-] [1	-	-	1	-	
24.02 Ward 24 24 359th Ave Intersection with 142nd St Intersection with US Hwy 83							-	_	-	_	_	-	-	-	_	I :	-	
500.01 No designation							-	-	-	-	-	-	-	-	-	-	-	
501.01 No designation Main St Intersection with 373rd Ave Intersection with Ward 24 - </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td>							-	-	-	-	-	-	-	-	-	-	-	
501.03 No designation NA 142nd St Intersection with State route 22 Intersection with Ward 22 -	501.01				Intersection with 373rd Ave		-	-	-	-	-	-	-	-	-	-	-	
502.01 No designation 135th Ave Intersection with US Hwy 83 Intersection with US Hwy 52		•					-	-	-	-	-	-	-	-	-	-	-	
504.01 No designation Conty Road 19 S Intersection with US Hwy 52 Intersection with Ward 16			NA				-	-	-	-	-	-	-	-	-	-	-	
504.02 No designation Conty Road 19 S Intersection with Ward 16 Intersection with US Hwy 52		•			•		l -	-	-	-	-	l -	-	-	-	-	-	-
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504.03 No designation Conty Road 19 S Intersection with US Hwy 52 Intersection with Ward 14		•		Conty Road 19 S	Intersection with Ward 16 Intersection with US Hwy 52	Intersection with US Hwy 52 Intersection with Ward 14	_	-	-	-	-] -	-	-	-]	-	

Ward 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 Assesment
2	1.01	Ward 1	1	State Route 50	436th Ave	8.8	2	309	0.05	8.1	0.45	1
	2.01	Ward 2	2	72nd Ave	450thAve	2.0	0	145	0.00	7.1	1.01	1
12	2.02	Ward 2	2	590th ST	Ward 1	5.8	1	395	0.03	5.9	1.21	1
	2.04	Ward 2	2	US Hwy 52	Ward 3	4.5	0	430	0.00	8.7	0.22	1
	2.05	Ward 2	2	Ward 3	52nd Ave	5.0	0	230	0.00	6.2	0.00	1
	5.02	Ward 5	5	240th Ave	US Hwy 52	2.0	0	115	0.00	3.6	1.54	2
5	5.03	Ward 5	5	US Hwy 52	Ward 7	1.8	0	80	0.00	11.4	3.42	2
	6.02	Ward 6	6	1 mile to city of carpio	State Route 28	1.8	0	60	0.00	5.1	3.40	1
4	8.01	Ward 8	8	US Hwy 52	US Hwy 83	12.9	0	174	0.00	5.3	0.39	2
	8.02	Ward 8	8	US Hwy 83	Ward 23	10.9	2	617	0.04	5.0	0.00	1
	9.01	Ward 9	9	373rd Ave	State Route 23	8.0	0	288	0.00	6.2	0.00	1
15	9.03	Ward 9	9	State Route 23	Ward 14	15.5	3	328	0.04	4.6	0.45	1
	9.04	Ward 9	9	Ward 14	US Hwy 2	10.0	1	121	0.02	7.1	0.00	1
	10.01	Ward 10	10	Ward 9	Granly St	10.7	1	263	0.02	5.2	1.02	1
9	10.02	Ward 10	10	Granly St	US Hwy 2	7.6	7	671	0.18	9.9	1.32	1
	10.03	Ward 10	10	Ward 15	US Hwy 83	4.8	2	457	0.08	6.0	0.42	1
	10.04	Ward 10A	10A	US Hwy 83	Ward 19	2.0	1	1,793	0.10	11.1	0.00	1
	11.01		11	US Hwy 52	Ward 6	4.9	0	1,680	0.00	5.3	0.20	1
	12.02	Ward 12	12	Ward 19	55th St	2.0	1	3,190	0.10	8.0	0.00	1
8	12.03		12	55th St	US Hwy 2	4.1	3	1,204	0.15	14.2	0.49	1
14	14.02		14	Ward 9	62nd St	17.8	6	210	0.07	4.3	0.06	1
10	14.04		14	US Hwy 83	1 mile east of 13th St	2.1	1	548	0.09	16.4	2.35	1
6	15.02		15	US Hwy 83	Ward 17	2.2	8	4,010	0.72	10.8	0.45	1
1	15.03		15	Ward 17	Ward 10	2.8	2	2,510	0.14	12.0	1.45	2
11	15.04		15	Ward 10	1 mile South of 86th St	2.2	2	520	0.19	15.3	3.25	1
7	17.02		17	US Hwy 2	Ward 15	1.3	11	1,575	0.16	14.0	4.67	11
	19.01		19	Ward 12	Ward 8	9.1	8	1,279	0.18	5.5	0.00	1
	20.03		20	142nd St	US Hwy 83	10.0	1	302	0.02	4.5	0.30	1
	22.01		22	Ward 9	Corona St	6.4	1	163	0.03	7.5	0.00	1
	23.01		23	373rd Ave	State Route 23	9.3	0	141	0.00	4.9	0.65	1
	23.02		23	State Route 23	US Hwy 53	7.7	1	362	0.03	4.0	0.65	1
13	23.04		23	US Hwy 2	66th St	9.1	4	310	0.09	6.9	0.22	1
	24.01		24	State Route 28	142nd St	8.3	1	178	0.02	5.7	0.24	1
3	24.02		24	142nd St	US Hwy 83	9.7	1	283	0.02	6.3	0.21	2
	501.03 l	lo designation	NA	State Route 22	Ward 22	5.1	0	85	0.00	4.1	0.40	2

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
Min 150

Min 150 Max 400

		Lane	Critical Radius
	Access	Departure	Curves
Total	3758	61	69
Total Mileage	228.2	228.2	228.2
Years		5	
Average Density (Total/Mile)	16.5	0.05	0.30

Ward County Rural Segment Prioritization - Lane Departure Priority

														Hebie	akers
#	Corridor	Route	#	Start	End	Length	ADT	ADT Range	Lane Departure Density	Access Density	Curve Critical Radius Density	Edge Risk	Totals	Edge Risk	ADT
1	15.03	Ward 15	15	Ward 17	Ward 10	2.8	2,510		*	*	*	*	****	2	2,510
2	1.01	Ward 1	1	State Route 50	436th Ave	8.8	309	*	*	*	*		****	1	309
3	24.02	Ward 24	24	142nd St	US Hwy 83	9.7	283	*			*	*	***	2	283
4	8.01	Ward 8	8	US Hwy 52	US Hwy 83	12.9	174	*			*	*	***	2	174
5	5.03	Ward 5	5	US Hwy 52	Ward 7	1.8	80			*	*	*	***	2	80
6	15.02	Ward 15	15	US Hwy 83	Ward 17	2.2	4,010		*	*	*		***	1	4,010
7	17.02	Ward 17	17	US Hwy 2	Ward 15	1.3	1,575		*	*	*		***	1	1,575
8	12.03	Ward 12	12	55th St	US Hwy 2	4.1	1,204		*	*	*		***	1	1,204
9	10.02	Ward 10	10	Granly St	US Hwy 2	7.6	671		*	*	*		***	1	671
10	14.04	Ward 14	14	US Hwy 83	1 mile east of 13th St	2.1	548		*	*	*		***	1	548
11	15.04	Ward 15	15	Ward 10	1 mile South of 86th St	2.2	520		*	*	*		***	1	520
12	2.02	Ward 2	2	590th ST	Ward 1	5.8	395	*	*		*		***	1	395
13	9.03	Ward 9	9	State Route 23	Ward 14	15.5	328	*	*		*		***	1	328
14	23.04	Ward 23	23	US Hwy 2	66th St	9.1	310	*	*		*		***	1	310
15	14.02	Ward 14	14	Ward 9	62nd St	17.8	210	*	*		*		***	1	210
16	5.02	Ward 5	5	240th Ave	US Hwy 52	2.0	115				*	*	**	2	115
17	501.03 N	o designation	NA	State Route 22	Ward 22	5.1	85				*	*	**	2	85
18	10.04	Ward 10A	10A	US Hwy 83	Ward 19	2.0	1,793		*	*			**	1	1,793
19	10.03	Ward 10	10	Ward 15	US Hwy 83	4.8	457		*		*		**	1	457
20	2.04	Ward 2	2	US Hwy 52	Ward 3	4.5	430			*	*		**	1	430
21	23.02	Ward 23	23	State Route 23	US Hwy 53	7.7	362	*			*		**	1	362
22	20.03	Ward 20	20	142nd St	US Hwy 83	10.0	302	*			*		**	1	302
23	10.01	Ward 10	10	Ward 9	Granly St	10.7	263	*			*		**	1	263
24	24.01	Ward 24	24	State Route 28	142nd St	8.3	178	*			*		**	1	178
25	12.02	Ward 12	12	Ward 19	55th St	2.0	3,190		*				*	1	3,190
26	11.01	Ward 11	11	US Hwy 52	Ward 6	4.9	1,680				*		*	1	1,680
27	19.01	Ward 19	19	Ward 12	Ward 8	9.1	1,279		*				*	1	1,279
28	8.02	Ward 8	8	US Hwy 83	Ward 23	10.9	617		*				*	1	617
29	9.01	Ward 9	9	373rd Ave	State Route 23	8.0	288	*					*	1	288
30	2.05	Ward 2	2	Ward 3	52nd Ave	5.0	230	*					*	1	230
31	22.01	Ward 22	22	Ward 9	Corona St	6.4	163	*					*	1	163
32	2.01	Ward 2	2	72nd Ave	450thAve	2.0	145				*		*	1	145
33	23.01	Ward 23	23	373rd Ave	State Route 23	9.3	141				*		*	1	141
34	6.02	Ward 6	6	1 mile to city of carpio	State Route 28	1.8	60				*		*	1	60
35	9.04	Ward 9	9	Ward 14	US Hwy 2	10.0	121						**	1	121

Total Stars	14	17	11	27	6
% That Gets Star	40%	49%	31%	77%	17%

	#	%	Mileage	%
****	0	0%	0.0	0%
****	2	6%	11.6	5%
***	13	37%	92.1	40%
**	9	26%	55.1	24%
*	10	29%	59.4	26%
	1	3%	10.0	4%
	35	100%	228.2	100%

ADT Range
Lane Departure Density
Access Density
Curve Critical Radius Density
Edge Risk Assessment
Stars

ADT Range
Lane Departure Density
If segment has an ADT in the range of most at risk ADT based on ATP totals. (> 150)

Access Density
If segment has access density than the county average (0.05).

Curve Critical Radius Density
Edge Risk Assessment
Edge risk of 2 or 3, based on assessment of roadway edge and clear zone.

LUQUIWAY CAFETY II	ADDOVEMENT DDGG	DAM (LIQID)	DDA IEAT	ADDI	IO A TION				
HIGHWAY SAFETY IN			PROJECT	APPL	ICATION				
North Dakota Department of SFN 59959 (06-2011)	Transportation Programmin	ıg							
	Ward 15 (Co	ounty Road	15 W) fro	om W	ard 17	to Ward	10		
Agency Name:	•		ND DOT				_		
	_	_	_			2040			
Contact Name:	Dana Larsen	ı	elephone N	iumber:	701-838-	2810			
Email Address:	dana.larsen@wardnd.c	om							
Please attach a location map(s)	. You may use additional sheet	s to further describe	your project.						
Location Description						100 5	A (1 1		
Start:	Ward 17	Lane Width	· 12'			ohol Impaired	s Area (check a Driving	all that apply)	
	Ward 10	Speed Limit			Increase th	e Use of Safet	y Restraints for	all Occupants	
Facility Type:		Shoulder Width: 6' Younger Driver/Older Driver Safety							
ADT:	2510 Rural Paved	Shoulder Type: Paved ☐ Curb Aggressive Driving Length (miles): 2.8 ☐ Improvements to Address L		Lane Departu	ro Crachoe				
County Road:								ies to Increase Survivabil	ity
	County Road 15 W					ersection Safe			
Describe Current Safety	Issues & Systemic Ran	kina Review							
North Dakota Crashes, 2008 - 2		ang neview							
					Ward 57th St	RI	WG0452.JPG	CH2MHILL	
	Total	Road Dept	K+A		South				
Crashes	12	2	1		No. of the last			. 1	
Density (per mile per year)	0.86	0.14	0.07						
Rate (per MVM)	0.94	0.16	0.08					Towns Comment	
						The state of the s		No. of Concession,	
	Value	Critical	Road		***************************************			- The same of the	
ADT Range	2,510	150≤ADT≤400							
RD Density Access Density	0.145 12.0	0.032 8.0	*		WGS-84				
Curve Critical Radius Density	1.449	0.035	*		N 48.2564433 W 101.385156			SRE	
Edge Risk	2	2 or 3	*						

Describe Proposed Safe	ty 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 Edge Line Rumble Strip	Proactive	\$3,000 \$3,500	0.0 2.8	\$0 \$9,800				
Groun	nd In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	0.0	\$9,000 \$0				
	Center Line Rumble Strip	Proactive	\$3,000	2.8	\$8,400				
	6" Center Line	Proactive	\$650	0.0	\$0	_			
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year o	f Construc	tion		
	Federal Funds	\$16,380							
Local Mat	ch (10% of Total project cost)	\$1,820	_						
	Total Project Cost	\$18,200							
NDDOT Central Office Of	nly								
Project Accepted?	☐ Yes ☐ No	Reference Number				ID Number			
Notes									
						_	Page:	1 15.03	
						5	Segment ID: Date:	8/13/2013	
							,	-: -:	

HIGHWAY SAFETY II			PROJEC1	APPL	ICATION			
North Dakota Department of	Transportation Programming	g						
SFN 59959 (06-2011)	Word 1 /53	24th Ct\ from	a Ctata	Douto	50 to 1	126th Ava		
	•	84th St) fron				isom Ave		
Agency Name:	Ward County		ND DOT	District:	4			
Contact Name:	Dana Larsen	T	elephone N	Number:	701-838-2	2810		
Email Address:	dana.larsen@wardnd.co	om						
	_		valir project					
Please attach a location map(s) Location Description	. You may use additional sneet	s to further describe	your project.					
Location Description					SH	HSP Emphasis Area (heck all that a	pply)
	State Route 50	Lane Width				ohol Impaired Driving		
End: Facility Type:	436th Ave	Speed Limit Shoulder Width	•			e Use of Safety Restra iver/Older Driver Safe		upants
ADT:		Shoulder Type:			-	ssive Driving	·y	
	Rural Paved	Length (miles)	: 8.8	V		nts to Address Lane D		
County Road: Local Name:		Rumble Installed	: No			Emergency Medical C ersection Safety	apabilities to In	crease Survivability
Local Name.	33411131				improve inte	crocollori Galety		
Describe Current Safety		ing Review						
North Dakota Crashes, 2008 - 2	2012				Weed	Eliwanne in	a	CHOMBUIL
					594th St	NIME WAS A		37270 11.2
Overhead	Total	Road Dept	K+A	-				Control of the Contro
Crashes Density (per mile per year)	4 0.09	2 0.05	0 0.00					
Rate (per MVM)	0.81	0.40	0.00	<u>-</u> ,				
						+		
					* Short	† †††tim	170	
	Value	Critical	Road				The same of the sa	
ADT Range	309	150≤ADT≤400	*	_			The same of	
RD Density Access Density	0.045 8.1	0.032 8.0	*		Wesau			
Curve Critical Radius Density	0.453	0.035	*		N 48.6411850° W 102 125131			SPE
Edge Risk	1	2 or 3		_	W tozalastoti			

Describe Proposed Safe	ty Improvements							
	Description	Type	Cost per mi	Mileane	Cost	Notes -		
	4" Edge Lines	Proactive	\$400	0.0	\$0	_140103		
	6" Edge Lines	Proactive	\$650	0.0	\$0			
	Shoulder Rumble Strip Edge Line Rumble Strip	Proactive	\$3,000 \$3,500	0.0 8.8	\$0 \$30,800			
Grour	nd In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	0.0	\$30,800 \$0			
	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0			
	6" Center Line	Proactive	\$650	0.0	\$0	_		
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year of	f Construction		
	Federal Funds	\$27,720						
Local Mat	ch (10% of Total project cost)	\$3,080	_					
	Total Project Cost	\$30,800						
NDDOT Central Office O								
Project Accepted? Notes	☐ Yes ☐ No	Reference Number				ID Number		
140103								
						Pa	ige:	2
						Segment		1.01
						Da	ate:	8/13/2013

HIGHWAY SAFETY IN			PROJEC	T APPL	CATION			
North Dakota Department of SFN 59959 (06-2011)	rransportation Programming	J						
	Ward 24	(359th Ave)	from 14	12nd S	t to US	Hwy 83		
Agency Name:	Ward County		ND DOT	District:	4			
Contact Name:	Dana Larsen	1	Telephone l	Number:	701-838-2	2810		
Email Address:	dana.larsen@wardnd.co	om						
Please attach a location map(s)	. You may use additional sheets	s to further describe	e your project.					
Location Description	,		, , ,					
End: Facility Type: ADT:	283 Rural Paved Ward 24	Lane Width Speed Limi Shoulder Width Shoulder Type Length (miles) Rumble Installed	t: High n: 2' e: Paved): 9.7		Reduce Alco Increase the Younger Dri Curb Aggres Improvement Enhancing E	HSP Emphasis Are obol Impaired Drive Use of Safety Re iver/Older Driver Sesive Driving that to Address Land Emergency Medical ersection Safety	ing estraints for all O Safety ne Departure Cra	Occupants
Describe Current Safety		ing Review						
North Dakota Crashes, 2008 - 2	2012				M0			
					369th Ave	raimG0/3	U.JPG	CH2MHILL
Crashes	Total 4	Road Dept 1	K+A 0	_	-			
Density (per mile per year)		0.02	0.00					
Rate (per MVM)	0.80	0.20	0.00	_	1			+
					1007	To II on	1111 t t	
	Value	Critical	Road					
ADT Range RD Density		150≤ADT≤400 0.032	*					The Contract of the Contract o
Access Density	6.3	8.0			WGS-84			
Curve Critical Radius Density Edge Risk		0.035 2 or 3	* *		W 101.3657117	7 9		SRF
	-		***	_				
Describe Proposed Safe	ty Improvements							
•	•							
	Description	Туре	Cost per mi	Mileage	Cost	Notes -		
	4" Edge Lines 6" Edge Lines	Proactive Proactive	\$400 \$650	0.0 0.0	\$0 \$0	_		
	Shoulder Rumble Strip	Proactive	\$3,000	0.0	\$0 \$0			
Groun	Edge Line Rumble Strip and In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	9.7 0.0	\$33,950 \$0			
Groun	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0			
	6" Center Line	Proactive	\$650	0.0	\$0	-		
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year of	f Construction		
	Federal Funds	\$30,555						
Local Mat	ch (10% of Total project cost)	\$3,395	_					
	Total Project Cost	\$33,950						
NDDOT Central Office O								
Project Accepted? Notes	☐ Yes ☐ No F	Reference Number				ID Number		
. 101.00								
							Page:	3
						Segm	ent ID:	24.02 8/13/2013
							Date:	0/10/2010

HIGHWAY SAFETY II			PROJEC	T APPLI	CATION			
North Dakota Department of SFN 59959 (06-2011)	Transportation Programming	9						
, ,	Ward 8 (1	28th Ave) fi	rom US	Hwy 5	2 to US	Hwy 83		
Agency Name:		•		District:		-		
Contact Name:	•	7	Telephone I	Number	701-838-2	810		
	dana.larsen@wardnd.co		olopilollo i					
	_							
Location Description	. You may use additional sheets	s to further describe	your project.					
Location Description					SH	ISP Emphasis Area	(check all that	apply)
	US Hwy 52 US Hwy 83	Lane Width				ohol Impaired Driving Use of Safety Rest		oouponto
Facility Type:		Speed Limit Shoulder Width				ver/Older Driver Saf		ccupants
ADT:	174	Shoulder Type			Curb Aggres		D	ala a
Road Type: County Road:	Rural Paved Ward 8	Length (miles) Rumble Installed				ts to Address Lane Emergency Medical		snes Increase Survivability
Local Name:						rsection Safety	·	•
Describe Current Safety	Issues & Systemic Rank	ina Review						
North Dakota Crashes, 2008 - 2								
					Word 1280h Ave	RIMG0170.	JPG	CH2MHILL
Qualitat	Total	Road Dept	K+A	_	Edist			
Crashes Density (per mile per year)	4 0.06	0 0.00	0 0.00		*			
Rate (per MVM)	0.98	0.00	0.00	_	1			
					1			,
						+ ++		
ADT Range	Value 174	Critical 150≤ADT≤400	Road	-	- A Parket	de not to grating		- A 10 10 10 10 10 10 10 10 10 10 10 10 10
RD Density		0.032	^					
Access Density Curve Critical Radius Density	5.3 0.388	8.0 0.035	+		WGS-84 N 48.3718683°			SCDE.
Edge Risk		2 or 3	÷	_	W 101.3645933			SRF

Describe Proposed Safe	ty Improvements							
	Description	Type	Cost per mi	Mileage	Cost	Notes -		
	4" Edge Lines 6" Edge Lines	Proactive Proactive	\$400 \$650	0.0 0.0	\$0 \$0			
	Shoulder Rumble Strip	Proactive	\$3,000	12.9	\$38,700			
0	Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0			
Grour	nd In Wet-Reflective Markings Center Line Rumble Strip	Proactive Proactive	\$8,500 \$3,000	0.0 0.0	\$0 \$0			
	6" Center Line	Proactive	\$650	0.0	\$0			
Project Cost Estimate (a	ttach detailed copy)			Propose	ed Year of	Construction		
Local Mat	Federal Funds ch (10% of Total project cost)	\$34,830 \$3,870						
Local Mai		\$3,870	_					
	Total Project Cost	\$38,700						
NDDOT Central Office O	nlv							
Project Accepted?		Reference Number				ID Number		
Notes	1				<u> </u>	<u> </u>		
							Page:	4
						Segmer [nt ID: Date:	8.01 8/13/2013

LUCLIWAY CAFETY IM	DDOVEMENT DDOO	DAM (LICID)	DDO IDOT	ADDLI	OATION				
HIGHWAY SAFETY IM North Dakota Department of T SFN 59959 (06-2011)			PROJECT	APPLI	CATION				
	Ward 5	(Main St) 1	from US	Hwy 5	2 to V	ard 7			
Agency Name: V	Vard County		ND DOT I	District:	4				
Contact Name: D	Dana Larsen	1	Telephone N	lumber:	701-838-	2810			
Email Address: d	lana.larsen@wardnd.co	m							
Please attach a location map(s).			vour project						
Location Description	Tod may doo additional oncote	to fattion docoribe	your project.						
End: N Facility Type: 2 ADT: 8 Road Type: R County Road: W Local Name: M	-Lane 0 Rural Paved Vard 5 Main St	Lane Width Speed Limi Shoulder Width Shoulder Type Length (miles) Rumble Installed	t: High n: 2' e: Paved): 1.8		Reduce Ald Increase th Younger Dr Curb Aggre Improveme Enhancing	HSP Emphasis A cohol Impaired Drie Use of Safety Friver/Older Driver essive Driving nts to Address La Emergency Medicersection Safety	ving lestraints for al Safety ane Departure	l Occupants	
Describe Current Safety Is North Dakota Crashes, 2008 - 20		ing Review							
Crashes Density (per mile per year)	Total 0 0.00	Road Dept 0 0.00	K+A 0 0.00		Ward Main St South	RiMGO	10 6.JP G	CH2MHILL	
Rate (per MVM)	0.00	0.00	0.00						
ADT Range	Value 80	Critical 150≤ADT≤400	Road		Maria Maria			Maria Maria	
RD Density	0.000	0.032							
Access Density Curve Critical Radius Density Edge Risk	11.4 3.418 2	8.0 0.035 2 or 3	* * * *		WGS-84 N 48.5220150 W 101.876746	77°		SRE	
Describe Proposed Safety	/ Improvements								
_	Description 4" Edge Lines	Type Proactive	Cost per mi \$400	Mileage 0.0	Cost \$0	_Notes -			
	6" Edge Lines Shoulder Rumble Strip	Proactive Proactive	\$650 \$3,000	1.8 0.0	\$1,170 \$0				
	Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0				
Ground	In Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Proactive Proactive Proactive	\$8,500 \$3,000 \$650	0.0 0.0 0.0	\$0 \$0 \$0				
_			·		•				
Project Cost Estimate (att	ach detailed copy)			Propos	ed Year o	f Constructio	n		
Local Match	Federal Funds 1 (10% of Total project cost)	\$1,053 \$117							
	Total Project Cost	\$1,170	_						
NDDOT Central Office On	lv								
	i —	Reference Number				ID Number			
Notes									
						Seg	Page: ment ID: Date:	5 5.03 8/13/2013	

HIGHWAY SAFETY IN	MPROVEMENT PROG	RAM (HSIP)	PROJECT	APPL	ICATION		
North Dakota Department of SFN 59959 (06-2011)	Transportation Programming	9					
	Ward 1	5 (57th St) f	rom US	Hwy 8	33 to W	/ard 17	
Agency Name:	Ward County		ND DOT	District:	4		
Contact Name:	Dana Larsen	Т	Telephone N	lumber:	701-838-2	2810	
Email Address:	dana.larsen@wardnd.co	om					
Please attach a location map(s)	. You may use additional sheets	s to further describe	your project.				
Location Description	•						
End: Facility Type: ADT: Road Type: County Road: Local Name:	4010 Rural Paved Ward 15 57th St	Lane Width Speed Limit Shoulder Width Shoulder Type Length (miles) Rumble Installed	t: High n: 4' e: Composite): 2.2		Reduce Alc Increase the Younger Dr Curb Aggre Improveme Enhancing	HSP Emphasis Area (check sohol Impaired Driving e Use of Safety Restraints for iver/Older Driver Safety sessive Driving nts to Address Lane Departt Emergency Medical Capabil ersection Safety	or all Occupants
Describe Current Safety North Dakota Crashes, 2008 - 2	-	ing Review					
Crashes Density (per mile per year) Rate (per MVM)	Total 19 1.73 1.18	Road Dept 8 0.73 0.50	K+A 0 0.00 0.00		Wend 4th Ava East	RIMOSIOS., PO.	CHOMMHILL
ADT D	Value	Critical	Road			MAIN SINGER	
ADT Range RD Density	4,010 0.719	150≤ADT≤400 0.032	*				
Access Density	10.8 0.449	8.0 0.035	*		WGS-84 N 48.2438000		
Curve Critical Radius Density Edge Risk	1	2 or 3	*		W 101.362578	3°	SRF

Describe Proposed Safe	ty Improvements						
Groun	Description 4" Edge Lines 6" Edge Lines Shoulder Rumble Strip Edge Line Rumble Strip Id In Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,000 \$3,500 \$8,500 \$3,000 \$650	Mileage 0.0 0.0 0.0 2.2 0.0 2.2 0.0	Cost \$0 \$0 \$0 \$7,700 \$0 \$6,600 \$0	_Notes -	
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year o	f Construction	
Local Mat	Federal Funds ch (10% of Total project cost) Total Project Cost	\$12,870 \$1,430 \$14,300	_	·			
NDDOT Central Office Of	nlv						
Project Accepted?	A A	Reference Number	T			ID Number	
Notes						1	
						Page:	6
						Segment ID: Date:	15.02 8/13/2013

LUGUNAY OAFETY II	ADDOVEMENT DDG		DDA IEAT		IO A TION				
HIGHWAY SAFETY IN			PROJECI	APPL	ICATION	1			
North Dakota Department of SFN 59959 (06-2011)	Transportation Programmir	ng							
0114 00000 (00 2011)	Ward ¹	17 (54th St) 1	from US	Hwv	2 to W	ard 15			
A NI		17 (0 1111 01)		-		u.u .o			
Agency Name:	-		ND DOT						
Contact Name:	Dana Larsen	Т	elephone N	lumber:	701-838-	2810			
Email Address:	dana.larsen@wardnd.c	om							
Please attach a location map(s)	You may use additional sheet	ts to further describe	vour project						
Location Description	. Tou may use additional sinee	is to further describe	your project.						
					S	HSP Emphasi	s Area (check	all that apply)	
	US Hwy 2	Lane Width				cohol Impaired			
End: Facility Type:	Ward 15	Speed Limit Shoulder Width	•			ie Use of Safei river/Older Dri		or all Occupants	
ADT:		Shoulder Type			-	essive Driving	ver Galety		
	Rural Paved	Length (miles)			Improveme	nts to Address	s Lane Departu		
County Road:		Rumble Installed	: No					ities to Increase S	Survivability
Local Name:	54th St				Improve Int	tersection Safe	ety		
Describe Current Safety	Issues & Systemic Ran	king Review							
North Dakota Crashes, 2008 - 2									
					Ward 54th St	RI	MG0405.JPG	CH2MHILL	
	Total	Road Dept	K+A		North				
Crashes	1	1	0						
Density (per mile per year)	0.15	0.15	0.00						
Rate (per MVM)	0.27	0.27	0.00		20.00			5	
					THE PERSON AND	LANGER VE	The Market	No. of State of	
						A SECTION	Total Control		ı
	Value	Critical	Road		A sin vest wife	OVER THE CONTRACTOR		52 3 3 3 3 3 3	ı
ADT Range RD Density		150≤ADT≤400 0.032			ASSESSMENT OF THE PARTY OF THE				1
Access Density	14.0	8.0	÷		WGS-84				1
Curve Critical Radius Density	4.674	0.035	*		N 48.2435333 W 101.371903	p ■ 6 °		SRI	
Edge Risk	1	2 or 3	***						_
			* * *						
Describe Proposed Safe	ty 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				
Groun	Edge Line Rumble Strip and In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	1.3 0.0	\$4,550 \$0				
arour	Center Line Rumble Strip	Proactive	\$3,000	1.3	\$3,900				
	6" Center Line	Proactive	\$650	0.0	\$0	_			
Project Cost Estimate (a	ttach detailed conv			Dronos	ad Vaar	of Construc	tion		
r roject cost Estimate (a	ttacii detalled copy)			TTOPOS	eu rear c	i Constituc	lion		
	Federal Funds	\$7,605							
Local Mat	ch (10% of Total project cost)	\$845							
	Total Project Cost	\$8,450	<u> </u>						
	rotair rojout out	φο, 100							
NDDOT Control Office O									
NDDOT Central Office Of Project Accepted?	I	Reference Number	T			ID Number	<u> </u>		
Notes	<u> </u>	neierence Number				ID Nullibel			
							Page:	7	
						5	Segment ID:	17.0	
							Date:	8/13/2	013

HIGHWAY SAFETY IN	MPROVEMENT PROG	RAM (HSIP)	PROJECT	APPLI	CATION	I		
North Dakota Department of SFN 59959 (06-2011)	Transportation Programming							
	Ward 1	2 (4th Ave)	from 55	oth St	to US I	Hwy 2		
Agency Name:	Ward County		ND DOT	District:	4			
Contact Name:	Dana Larsen	Т	Telephone N	lumber:	701-838-2	2810		
Email Address:	dana.larsen@wardnd.co	om						
Please attach a location map(s).	You may use additional sheets	s to further describe	your project.					
Location Description	·							
End: Facility Type: ADT: Road Type: County Road: Local Name:	1204 Rural Paved Ward 12 4th Ave	Lane Width Speed Limit Shoulder Width Shoulder Type Length (miles) Rumble Installed	t: High n: 2' e: Paved): 4.1		Reduce Alc Increase the Younger Dr Curb Aggre Improvement Enhancing I	HSP Emphasis Area (chechold Impaired Driving e Use of Safety Restrain viver/Older Driver Safety Sesive Driving ents to Address Lane De Emergency Medical Capersection Safety	nts for all Occi	upants
Describe Current Safety North Dakota Crashes, 2008 - 2		ing Review						
Crashes Density (per mile per year)	Total 5 0.24	Road Dept 2 0.10	K+A 0 0.00		Ward 4th Ave West	Nicosa Jo		CHEZMAILL
Rate (per MVM)	0.56 Value	0.22 Critical	0.00 Road					
ADT Range	1,204	150≤ADT≤400	rioda				Total Control	
RD Density Access Density	0.147 14.2	0.032 8.0	*		W/26-94			COLUMN TO SERVICE SERV
Curve Critical Radius Density	0.489	0.035	*		N 48.2401988° W 101.146370	•		SRF
Edge Risk	1	2 or 3	***					
D " D 10 ()								
Describe Proposed Safet	y improvements							
		_						
-	Description 4" Edge Lines	Type Proactive	Cost per mi \$400	0.0	Cost \$0	_Notes -		
	6" Edge Lines	Proactive	\$650	0.0	\$0			
	Shoulder Rumble Strip Edge Line Rumble Strip	Proactive Proactive	\$3,000 \$3,500	4.1 0.0	\$12,300 \$0			
Groun	d In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0 \$0			
	Center Line Rumble Strip 6" Center Line	Proactive Proactive	\$3,000 \$650	4.1 0.0	\$12,300 \$0			
-		TTOACTIVE	ψοσο		·	_		
Project Cost Estimate (at	tach detailed copy)			Propose	ed Year o	f Construction		
Local Mato	Federal Funds ch (10% of Total project cost)	\$22,140 \$2,460						
	Total Project Cost	\$24,600						
NDDOT Central Office Or	nly							
Project Accepted?		Reference Number				ID Number		
Notes								
						Pag Segment II Dat	D:	8 12.03 8/13/2013

IIIOIIIIII OA EETV II	IDDOVEMENT DDOG	SDAM (HOID)		ABBLI	O A TION				
HIGHWAY SAFETY IN			PROJECI	APPLI	CATION				
North Dakota Department of SFN 59959 (06-2011)	Transportation Programmin	g							
<u> </u>	Ward 10	(19th Ave)	from Gr	anly S	t to US	Hwv 2			
A N		(Iotii Avo)		-		,			
Agency Name:	Ward County		ND DOT I		-				
Contact Name:	Dana Larsen	Т	elephone N	lumber:	701-838-2	2810			
Email Address:	dana.larsen@wardnd.co	om							
Please attach a location map(s).	Vou may use additional sheet	e to further describe	vour project						
Location Description	Tou may use additional sheet	s to further describe	your project.						
P					SH	HSP Emphasis	s Area (check a	ll that apply)	
	Granly St	Lane Width				ohol Impaired			
End: Facility Type:	US Hwy 2	Speed Limit Shoulder Width				e Use of Safet iver/Older Driv	ty Restraints for	all Occupants	
ADT:		Shoulder Type			-	ssive Driving	ver datety		
Road Type:		Length (miles)	: 7.6				Lane Departure		
County Road: Local Name:		Rumble Installed	: No			=mergency Me ersection Safe		es to Increase Surviva	ability
Local Name.	13til Ave				improve inte	ersection date	sty		
Describe Current Safety		king Review							
North Dakota Crashes, 2008 - 2	012				Wheel	EMI.		CH2MHILL	
					19th Ave	RU.	MODEL NO.	CPENTILL	
0	Total	Road Dept	K+A						
Crashes Density (per mile per year)	19 0.50	6 0.16	0 0.00		4				
Rate (per MVM)	2.04	0.64	0.00			2000			
						-		unit libraries de com	
	Value	Critical	Road			-			
ADT Range	671	150≤ADT≤400							
RD Density	0.184	0.032	*		Imag or				
Access Density Curve Critical Radius Density	9.9 1.316	8.0 0.035	*		N 48.2534583°			CDE	
Edge Risk	1	2 or 3			101.499590				

Describe Proposed Safet	ty Improvements								
•	•								
	Description	Type	Cost per mi	Miloggo	Cost	Notes -			
=	4" Edge Lines	Proactive	\$400	0.0	Cost \$0	Notes -			
	6" Edge Lines	Proactive	\$650	0.0	\$0				
	Shoulder Rumble Strip	Proactive	\$3,000	7.6	\$22,800				
Groun	Edge Line Rumble Strip d In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	0.0 0.0	\$0 \$0				
	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0				
-	6" Center Line	Proactive	\$650	0.0	\$0	_			
Project Cost Estimate (at	tach detailed copy)			Propose	ed Year or	f Construc	tion		
•	17,								
	Federal Funds	\$20,520							
Local Mate	ch (10% of Total project cost)	\$2,280	_						
	Total Project Cost	\$22,800							
NDDOT Central Office Or	nly								
r rojout riocoptou.	☐ Yes ☐ No	Reference Number				ID Number			
Notes									
							D		
						.9	Page: Segment ID:	9 10.02	
							Date:	8/13/2013	

HIGHWAY SAFETY IN	MPROVEMENT PROC	RAM (HSIP) I	PROJECT	APPL	ICATION	1			
North Dakota Department of SFN 59959 (06-2011)									
	Ward 14 (54th	Ave) from \	JS Hwy	83 to	1 mile e	east of 1	3th St		
Agency Name:	Ward County		ND DOT	District:	4				
Contact Name:	Dana Larsen	T	elephone N	lumber:	701-838-	2810			
Email Address:	dana.larsen@wardnd.co	om							
Please attach a location map(s)	You may use additional sheet	s to further describe	vour project						
Location Description	. Tournay doo additional officer	o to farther december	your project.						
0: .	110.11 00		4.01			•	is Area (check a	II that apply)	
	US Hwy 83 1 mile east of 13th St	Lane Width Speed Limit				cohol Impaired e Use of Safe	i Driving ty Restraints for	all Occupants	
Facility Type:		Shoulder Width				river/Older Dri	ver Safety		
ADT: Road Type:	548 Rural Paved	Shoulder Type: Length (miles)				essive Driving ents to Addres	s Lane Departur	e Crashes	
County Road:	Ward 14	Rumble Installed			Enhancing	Emergency M	ledical Capabiliti	es to Increase S	urvivability
Local Name:	54th Ave				improve in	tersection Safe	ety		
Describe Current Safety	-	king Review							
North Dakota Crashes, 2008 - 2	2012				Ward	R	Wedsaupe	@ CH2MHILL	ı
	Talal	Deed Deed	14. A		64th Ave West				
Crashes	Total 4	Road Dept 1	K+A 0		Marie Marie	一类态度			
Density (per mile per year)	0.38	0.10	0.00			State Hillers			
Rate (per MVM)	1.91	0.48	0.00			- VAI			
							#		
	Value	Critical	Road						
ADT Range	548	150≤ADT≤400				V. A.		Total Line	
RD Density Access Density	0.094 16.4	0.032 8.0	*		WGS-84	The latest			
Curve Critical Radius Density	2.347	0.035	*		N 48.1822833 W 101.27344	9 1 7 °		SRF	
Edge Risk	1	2 or 3	***						
D									
Describe Proposed Safe	ty improvements								
	5	-		5.4"					
	Description 4" Edge Lines	Type Proactive	Cost per mi \$400	0.0	Cost \$0	_Notes -			
	6" Edge Lines	Proactive	\$650	0.0	\$0				
	Shoulder Rumble Strip Edge Line Rumble Strip	Proactive Proactive	\$3,000 \$3,500	0.0 2.1	\$0 \$7,350				
Grour	nd In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0				
	Center Line Rumble Strip 6" Center Line	Proactive Proactive	\$3,000 \$650	0.0 0.0	\$0 \$0				
D: 10 15 " 1 (
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year o	of Construc	tion		
	Federal Funds	\$6,615							
Local Mat	ch (10% of Total project cost)	\$735	_						
	Total Project Cost	\$7,350							
NDDOT Central Office O	f f		1			l			
Project Accepted? Notes	Lifes Lino	Reference Number				ID Number			
							Page:	10	
						5	Segment ID:	14.04	
							Date:	8/13/20	лз

HIGHWAY SAFETY IN	MPROVEMENT PROC	GRAM (HSIP) I	PROJECT	APPL	ICATION	ı			
North Dakota Department of SFN 59959 (06-2011)									
,	Vard 15 (County F	Road 15 W) fi	rom Wa	rd 10 1	to 1 mi	le South	of 86th S	it	
Agency Name:	Ward County		ND DOT	District:	4				
Contact Name:	Dana Larsen	T	elephone N	lumber:	701-838-	2810			
Email Address:	dana.larsen@wardnd.c	om							
Please attach a location map(s).	You may use additional sheet	s to further describe	your project						
Location Description	Tournay doc additional chico		year projecti						
Ctorte	Word 10	Lana Width	. 10'			HSP Emphasicohol Impaired	s Area (check a	II that apply)	
	Ward 10 1 mile South of 86th St	Lane Width Speed Limit					y Restraints for	all Occupants	
Facility Type:		Shoulder Width				river/Older Drivessive Driving	er Safety		
ADT: Road Type:		Shoulder Type: Length (miles)					Lane Departur	e Crashes	
County Road:		Rumble Installed	: No		Enhancing		edical Capabiliti	ies to Increase Su	urvivability
Local Name.	County Road 15 W]	improve in	lersection sale	ty.		
Describe Current Safety		king Review							
North Dakota Crashes, 2008 - 2	012				Ward	Ri	MG0440.JPG	CH2MHILL	
	Total	Road Dept	Ι ζ , Λ		46th Ave North				
Crashes	5	2 2	K+A 0						
Density (per mile per year) Rate (per MVM)	0.45 2.39	0.18 0.96	0.00 0.00		-				
riate (per wivivi)	2.00	0.00	0.00						
					Stanie .	Marketon .	A STATE OF	5	
	Value	Critical	Road		Salar Par	1			
ADT Range RD Density	520 0.186	150≤ADT≤400 0.032	*				1	The state of the s	
Access Density	15.3	8.0	*		WGS-84				
Curve Critical Radius Density Edge Risk	3.249 1	0.035 2 or 3	*		W 101.42411	33°		SRF	
Luge Hisk	ı	2 01 0	***						
Describe Proposed Safet	ty Improvements								
Describe i reposea care	y improvements								
	Description	Type	Cost per mi	Mileage	Cost	Notes -			
-	4" Edge Lines	Proactive	\$400	0.0	\$0	_110100			
	6" Edge Lines Shoulder Rumble Strip	Proactive Proactive	\$650 \$3,000	0.0 0.0	\$0 \$0				
	Edge Line Rumble Strip	Proactive	\$3,500	2.2	\$7,700				
Groun	d In Wet-Reflective Markings Center Line Rumble Strip	Proactive Proactive	\$8,500 \$3,000	0.0 0.0	\$0 \$0				
_	6" Center Line	Proactive	\$650	0.0	\$0 \$0	_			
Project Cost Estimate (at	ttach detailed conv)			Propos	ed Vear	of Construc	tion		
Troject Goot Estimate (at	adon detaned copy)			ropos	ca rear c	i construo			
	Federal Funds	\$6,930							
Local Mate	ch (10% of Total project cost)	\$770	_						
	Total Project Cost	\$7,700							
115565 6 1 1 2 11 2									
NDDOT Central Office Or Project Accepted?	<u> </u>	Reference Number	Τ			ID Number	T		
Notes		reference (variber	1			ID Number			
							Page:	11	
						S	Segment ID: Date:	15.04 8/13/20	

HIGHWAY SAFETY IN			PROJEC1	T APPLI	CATION			
North Dakota Department of SFN 59959 (06-2011)	Transportation Programming	g						
3114 33333 (00-2011)	Ward 2	(436th Ave)	from 5	90th S	T to W	ard 1		
Agency Name:		(100111110)	ND DOT					
•	-	-	_			2010		
Contact Name:			elephone N	number:	/01-030-2	2010		
Email Address:	dana.larsen@wardnd.co	om						
Please attach a location map(s)	. You may use additional sheets	s to further describe	your project.					
Location Description				ı	CL	JCD Emphasia /	Area (check all tha	at apply)
Start:	590th ST	Lane Width	: 12'			ohol Impaired D		агарріу)
End:	Ward 1	Speed Limit	:: High		Increase the	Use of Safety I	Restraints for all C	Occupants
Facility Type:		Shoulder Width			-	iver/Older Drive	⁻ Safety	
ADT: Boad Type:	Rural Paved	Shoulder Type Length (miles)				ssive Driving nts to Address L	ane Departure Cr	ashes
County Road:	Ward 2	Rumble Installed			Enhancing E	Emergency Med		Increase Survivability
Local Name:	436th Ave				Improve Inte	ersection Safety		
Describe Current Safety	Issues & Systemic Rank	ing Review		ļ				
North Dakota Crashes, 2008 - 2	2012							
					Ward 436th Ave	RIMG	1048.JPG	CH2MHILL
	Total	Road Dept	K+A	_	Ecos			
Crashes Density (per mile per year)	2 0.07	1 0.03	0 0.00					
Rate (per MVM)	0.48	0.24	0.00	_	and the same of	the state of the s	The law of the law of	
				-			Call Control Control	
					- NATA	1		
	Value	Critical	Road					
ADT Range	395	150≤ADT≤400	*	-			111	
RD Density Access Density	0.035 5.9	0.032 8.0	*		Wee.al		Line No.	
Curve Critical Radius Density	1.208	0.035	*		N 48.6868183° W 102.1128367	70	10 - CH 10 -	SPE
Edge Risk	1	2 or 3		_	102.112000			

Describe Proposed Safe	ty Improvements							
	Description	Туре	Cost per mi	Mileage	Cost	Notes -		
	4" Edge Lines	Proactive	\$400	0.0	\$0	=		
	6" Edge Lines Shoulder Rumble Strip	Proactive Proactive	\$650 \$3,000	0.0 5.8	\$0 \$17,400			
	Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0			
Grour	nd In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0			
	Center Line Rumble Strip 6" Center Line	Proactive Proactive	\$3,000 \$650	0.0 0.0	\$0 \$0			
		110001110	Ψοσο		•	_		
Project Cost Estimate (a	ttach detailed copy)			Propose	ed Year of	f Construction	on	
	Federal Funds	\$15,660						
Local Mat	ch (10% of Total project cost)	\$1,740						
	Total Project Cost	\$17,400	_					
	,	, ,						
NDDOT Central Office O	nlv							
Project Accepted?		Reference Number				ID Number		
Notes								
							Page:	12
						Seç	gment ID:	2.02
							Date:	8/13/2013

LICUWAY CAFETY IM	DDOVEMENT DDOC	DAM (HCID)	DDO IECT	ADDI	CATION				
HIGHWAY SAFETY IM North Dakota Department of 7 SFN 59959 (06-2011)		` ,	PROJECI	APPL	ICATION	l			
	Ward 2	3 (153rd St)	from U	S Hwy	/ 2 to 6	6th St			
Agency Name: \	Ward County		ND DOT I	District:	4				
Contact Name: I	Dana Larsen	Т	elephone N	lumber:	701-838-2	2810			
Email Address: o	dana.larsen@wardnd.co	om							
Please attach a location map(s).	You may use additional sheets	s to further describe	vour project.						
Location Description			your projection						
End: (Facility Type: 2 ADT: 3 Road Type: F County Road: V Local Name: 1	310 Rural Paved Vard 23 53rd St	Lane Width Speed Limit Shoulder Width Shoulder Type Length (miles) Rumble Installed	: High : 2' : Paved : 9.1		Reduce Alc Increase the Younger Dr Curb Aggre Improvement Enhancing I	ohol Impaired e Use of Safe iver/Older Dri ssive Driving nts to Addres	ty Restraints for ever Safety s Lane Depart ledical Capabil	or all Occupant	
Describe Current Safety I North Dakota Crashes, 2008 - 20		ing Review							
Crashes	Total 12	Road Dept 4	K+A 1		Ward 153rd St North	R	IMG0185JPG	CH2IV	S-OLL.
Density (per mile per year) Rate (per MVM)	0.26 2.33	0.09 0.78	0.02 0.19			1			
	Value	Critical	Road			-	- Labelia		
ADT Range	310	150≤ADT≤400	*			and the same of th		-	
RD Density Access Density	0.088 6.9	0.032 8.0	*		WGS-84				No.
Curve Critical Radius Density	0.220 1	0.035 2 or 3	*		N 48.3277633° W 101.057640	0°			RF
Edge Risk	ı .	2013	***						
Describe Proposed Safety	v Improvomente								
Describe Froposed Salety	y improvements								
_	Description 4" Edge Lines 6" Edge Lines Shoulder Rumble Strip	Type Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,000	Mileage 0.0 0.0 0.0	Cost \$0 \$0 \$0	_Notes -			
	Edge Line Rumble Strip	Proactive	\$3,500	9.1	\$31,850				
Ground	In Wet-Reflective Markings Center Line Rumble Strip	Proactive Proactive	\$8,500 \$3,000	0.0 0.0	\$0 \$0				
_	6" Center Line	Proactive	\$650	0.0	\$0	_			
Project Cost Estimate (att	tach detailed copy)			Propos	ed Year o	f Construc	tion		
	177								
Local Matc	Federal Funds h (10% of Total project cost)	\$28,665 \$3,185	_						
	Total Project Cost	\$31,850							
NDDOT Central Office On									
Project Accepted? Notes	☐ Yes ☐ No F	Reference Number				ID Number			
							Page:		13
							Segment ID: Date:		3.04 3/2013

LUCLIMAN CAFETY II	ADDOVEMENT DD	DODAM (HOID)	DDO IEO	T 4 D D L	OATION				
HIGHWAY SAFETY II North Dakota Department of			PROJEC	TAPPLI	ICATION	l			
SFN 59959 (06-2011)	Transportation Programm	illig							
	War	d 14 (54th Av	e) from	Ward 9	9 to 62	nd St			
Agency Name:	Ward County		ND DOT	District:	4				
Contact Name:	Dana Larsen	1	elephone	Number:	701-838-	2810			
Email Address:	dana.larsen@wardnd	.com							
Please attach a location map(s)	. You may use additional she	eets to further describe	your project.						
Location Description	·								
Start	Ward 9	Lane Width	v 10'			HSP Emphasis ohol Impaired I	Area (check all	that apply)	
End:	62nd St	Speed Limit	t: High		Increase th	e Use of Safety	Restraints for a	all Occupants	
Facility Type: ADT:		Shoulder Width Shoulder Type				iver/Older Drivessive Driving	er Safety		
Road Type:	Rural Paved	Length (miles)		✓	Improveme	nts to Address	Lane Departure		
County Road: Local Name:		Rumble Installed	l: Yes			Emergency Me ersection Safet		s to Increase Survivabil	ity
					improvo int	oroccion caro	,		
Describe Current Safety North Dakota Crashes, 2008 - 2		nking Review							
Nottii Dakota Orasiies, 2000 - 2	1012				Ward	RIM	G0580.JPG	CH2MHILL	
	Total	Road Dept	K+A		62nd St West				
Crashes	14	6	0	_					
Density (per mile per year) Rate (per MVM)	0.16 2.05	0.07 0.88	0.00 0.00						
, ,				_	+				
					- au Ain	1	and the same		
	Value	Critical	Road	_				The state of the s	
ADT Range RD Density		150≤ADT≤400 0.032	* *					and the same of th	
Access Density	4.3	8.0	4		WGS-84 N 48.1819950			THE	
Curve Critical Radius Density Edge Risk		0.035 2 or 3	*		W 101.487386	70		SRF	
			***	_					
Describe Proposed Safe	ty Improvements								
	Descriptio		Cost per m	i Mileage	Cost	Notes -			
	4" Edge Line 6" Edge Line		\$400 \$650	0.0 0.0	\$0 \$0				
	Shoulder Rumble Stri		\$3,000	0.0	\$0				
Grour	Edge Line Rumble Stri nd In Wet-Reflective Marking		\$3,500 \$8,500	17.8 0.0	\$62,300 \$0				
G. Ga.	Center Line Rumble Stri	p Proactive	\$3,000	0.0	\$0				
	6" Center Lin	e Proactive	\$650	0.0	\$0	_			
Project Cost Estimate (a	ttach detailed copy)			Propos	ed Year o	f Construct	ion		
	Federal Fund	ls \$56,070							
Local Mat	ch (10% of Total project cos								
	Total Project Cos	st \$62,300	_						
NDDOT Central Office O	nly								
Project Accepted? Notes	☐ Yes ☐ No	Reference Number				ID Number			
notes									
							Page:	14	
						Se	egment ID:	14.02	
							Date:	8/13/2013	

HIGHWAY SAFETY IN	MPROVEMENT PROG	RAM (HSIP) F	PROJECT	APPL	ICATION		
North Dakota Department of	Transportation Programming	9					
SFN 59959 (06-2011)							
	Ward 9 (310th	St/338th St	i) from S	State F	Route 23 to	o Ward 14	
Agency Name:	Ward County		ND DOT I	Diatriat.	4		
•	-						
Contact Name:	Dana Larsen	Te	elephone N	lumber:	701-838-2810		
Email Address:	dana.larsen@wardnd.co	m					
5 1							
Please attach a location map(s)	. You may use additional sheets	s to further describe	your project.				
Location Description							
Stort	State Route 23	Lane Width:	10'			Emphasis Area (check	all that apply)
	Ward 14	Speed Limit:			Reduce Alcohol I	Impaired Driving e of Safety Restraints fo	or all Occupants
Facility Type:	2-Lane	Shoulder Width:	~			Older Driver Safety	n an Occupants
ADT:	328	Shoulder Type:	Paved		Curb Aggressive		
Road Type:	Rural Paved	Length (miles):	15.5	V		Address Lane Departi	
County Road:		Rumble Installed:	No				ities to Increase Survivability
Local Name:	310th St/338th St				Improve Intersec	tion Safety	
Describe Current Safety	Issues & Systemic Rank	ing Review					
North Dakota Crashes, 2008 - 2							
					Ward	RIMO0882.JPG	CH2MHILL
	Total	Dood Dont	IZ . A		South		
Crashes	Total 7	Road Dept 2	K+A 0				
Density (per mile per year)	0.09	0.03	0.00				
Rate (per MVM)	0.79	0.22	0.00		3 2 3		
					+		
	Value	Critical	Road			TITLE	
ADT Range	Value 328	Critical 150≤ADT≤400	*				9
RD Density	0.040	0.032	*		No. of the last of		
Access Density	4.8	8.0			WGS-84		
Curve Critical Radius Density	0.470	0.035	*		W 101.7927067°	and the second	SRF
Edge Risk	1	2 or 3	***				
			~ ~ ~				
Describe Proposed Safe	tv Improvements						
	-,						
	Description	Туре	Cost per mi		Cost Note	es -	
	4" Edge Lines 6" Edge Lines	Proactive Proactive	\$400 \$650	0.0 0.0	\$0 \$0		
	Shoulder Rumble Strip	Proactive	\$3,000	15.5	\$46,500		
	Edge Line Rumble Strip	Proactive	\$3,500	0.0	\$0		
Grour	nd 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 (a	ttach detailed conv)			Propos	ed Year of Co	nstruction	
110,000,000, 200, 20,,,,,,,,,,,,,,,,,,,,	maon actance copy,		I	Порос	04 1041 01 00		
	Federal Funds	\$40,230					
Local Mat	ch (10% of Total project cost)	\$4,470					
			-				
	Total Project Cost	\$46,500					
NDDOT Central Office O	nly						
Project Accepted?	☐ Yes ☐ No F	Reference Number			ID N	Number	
Notes							
						Page:	15
						Segment ID:	9.03
						Date:	11/13/2013

Ward County Rural Curve Projects

Corridor	Local Street Name	Start	End	# of Curves	Cost
1.01	534th St	State Route 50	436th Ave	1	\$ 5,265
2.02	436th Ave	590th ST	Ward 11	1	\$ 4,209
5.03	Main St	US Hwy 52	Ward 7	6	\$ 25,727
6.03	198th Ave	State Route 28	Reneville 6	1	\$ 3,755
8.01	128th Ave	US Hwy 52	US Hwy 83	1	\$ 6,373
9.03	310th St	Ward 20	Ward 14	0	\$ 1,818
10.01	184th St	Ward 9	Granly St	0	\$ 1,364
10.02	19th Ave	Granly St	US Hwy 2	4	\$ 17,745
10.03	60 th St	Ward 15	US Hwy 83	0	\$ 1,364
12.03	4th Ave	55th St	US Hwy 2	2	\$ 9,109
14.04	54th Ave	US Hwy 83	1 mile east of 13th St	5	\$ 8,873
14.06	37th St	Ward 14A	72nd AVe Ave	1	\$ 4,555
15.04	County Road 15 W	Ward 10	1 mile South of 86th St	1	\$ 5,118
17.01	62nd St	Ward 14	US Hwy 2	1	\$ 5,464
17.02	54th St	US Hwy 2	Ward 15	0	\$ 2,727
23.02	21st Ave	State Route 23	US Hwy 53	1	\$ 4,555
501.03	142nd St	State Route 22	Ward 22	1	\$ 1,255

26 \$ 109,276

Ward County Curves

vvaru Coul						Ins	ide			Outs	ide							Crashe	s					Risk Facto	ors		
Curve Count ID	Corridor	Segment	Start	End	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Curve Advisory Sign	Speed Advisory Sign	Chevrons	Total	Total Severe	к	A	в с	PDO	Radius (ft)	Severe Crash	ADT	Intersection on Curve	Visual Trap	Risk Ranking
1 001A	1.01	Ward 1	Intersection with state route 50	Intersection with 436th Ave	0	0	0	None	0	0	0	None	Yes	Yes	No	-	-	-	-	-		850	No	309	Yes	Yes	****
2 001B 3 001C	1.01 1.01	Ward 1 Ward 1	Intersection with state route 50 Intersection with state route 50	Intersection with 436th Ave Intersection with 436th Ave	0	0	0	None None	0	0	0	None None	Yes Yes	No No	No No	_	-	-	-	-		1000 1700	No No	309 309	No No	No No	**
4 001D	1.01	Ward 1	Intersection with state route 50	Intersection with 436th Ave	0	0	0	None	0	0	0	None	Yes	No	No	1	-	_	_	1		770	No	309	No	No	**
5 002A	2.01	Ward 2	Intersection with 72nd Ave	Intersection with 450thAve	0	0	0	None	0	0	0	None	No	No	No	-	-	-	-	-		2900	No	145	Yes	No	*
6 002B	2.01	Ward 2	Intersection with 72nd Ave	Intersection with 450thAve	0	0	0	None	0	0	0	None	No	No	No	-	-	-	-	-		1300	No	145	No	No	1 .
7 002C 8 002D	2.02 2.02	Ward 2 Ward 2	Intersection with 590th ST Intersection with 590th ST	Intersection with Ward 11 Intersection with Ward 11	2	0	0	Paved Paved	2	0	0	Paved Paved	No Yes	No No	No No	1	-	-	-	-	- 1	1500 2800	No No	395 395	No Yes	No No	*
9 002E	2.02	Ward 2	Intersection with 590th ST	Intersection with Ward 11	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1600	No	395	No	No	_
10 002F	2.02	Ward 2	Intersection with 590th ST	Intersection with Ward 11	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	1	_	-	-	-	- 1	1900	No	395	No	No	*
11 002G	2.02	Ward 2	Intersection with 590th ST	Intersection with Ward 11	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	-	-	-	-	-		1500	No	395	No	No	*
12 002H	2.02	Ward 2	Intersection with 590th ST	Intersection with Ward 11	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	-	-	-	-	-		760	No	395	No	No	**
13 002I 14 002J	2.02	Ward 2 Ward 2	Intersection with 590th ST Intersection with Ward 1	Intersection with Ward 11 Intersection with US Hwy 52	0	<u>0</u> 4	0	Paved Gravel	2	<u>0</u> 4	0	Paved Gravel	Yes No	Yes No	No No	2				-		800 1400	No No	395 1230	Yes Yes	Yes No	****
15 002K	2.03	Ward 2	Intersection with US Hwy 52	Intersection with Ward 3	2	0	0	Paved	2	0	0	Paved	No	No	No						<u> </u>	320	No		No	No	*
16 005A	5.02	Ward 5	Intersection with 240th Ave	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved	Yes	No	Yes	-	-	-	-	-		1300	No	115	No	No	
17 005B	5.02	Ward 5	Intersection with 240th Ave	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1150	No	115	Yes	No	**
18 005C	5.02	Ward 5	Intersection with 240th Ave	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1600	No	115	No	No	<u> </u>
19 005D 20 005E	5.03 5.03	Ward 5 Ward 5	Intersection with US Hwy 52 Intersection with US Hwy 52	Intersection with Ward 7 Intersection with Ward 7	2	0	0	Paved Paved	2	0	0	Paved Paved	No Yes	No No	No No	-	-	-	-	-		700 450	No No	80 80	Yes No	No No	**
21 005E	5.03	Ward 5	Intersection with US Hwy 52	Intersection with Ward 7	2	0	0	Paved	2	0	0	Paved	Yes	No	No	_	-	-	-	-		1200	No	80	No	No No	*
22 005G	5.03	Ward 5	Intersection with US Hwy 52	Intersection with Ward 7	2	Õ	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1000	No	80	No	No	*
23 005H	5.03	Ward 5	Intersection with US Hwy 52	Intersection with Ward 7	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1700	No	80	No	No	1
24 0051	5.03	Ward 5	Intersection with US Hwy 52	Intersection with Ward 7	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1000	No	80	No	No	*
25 006A 26 006B	6.02 6.02	Ward 6 Ward 6	1 mile to city of carpio 1 mile to city of carpio	Intersection with state route 28 Intersection with state route 28	2	0	0	Paved Paved	2	0	0	Paved Paved	Yes	No No	No No	-	-	-	-	-		1100 1120	No No	60 60	No No	No No	*
27 006C	6.02	Ward 6	1 mile to city of carpio	Intersection with state route 28	2	0	0	Paved	2	0	0	Paved	Yes Yes	No	No	_	-	-	-	-		790	No	60	No	No	÷
28 006D	6.02	Ward 6	1 mile to city of carpio	Intersection with state route 28	2	0	0	Paved	2	0	0	Paved	Yes	No	No	_	_	_	_	_		1050	No	60	No	No	*
29 006E	6.02	Ward 6	1 mile to city of carpio	Intersection with state route 28	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		2200	No	60	No	No	1
30 006F	6.02	Ward 6	1 mile to city of carpio	Intersection with state route 28	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		850	No	60	No	No	*
31 006G 32 006H	6.03 6.03	Ward 6 Ward 6	Intersection with state route 28 Intersection with state route 28	Intersection with Reneville 6 Intersection with Reneville 6	0	0	0	None None	0	0	0	None None	No No	No No	No No	-	-	-	-	-		1120 870	No No	218 218	Yes No	Yes No	***
33 0061	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	_	-	-	-	-		1050	No	218	No	No No	1 ÷
34 006J	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	Ö	Ö	Ö	None	0	Ö	Ö	None	Yes	No	No	-	-	-	-	-		1200	No	218	No	No	*
35 006K	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	-	-	-	-	-		2700	No	218	Yes	No	*
36 006L	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	1	-	-	-	-	- 1	1500	No	218	Yes	No	*
37 006M 38 006N	6.03 6.03	Ward 6 Ward 6	Intersection with state route 28 Intersection with state route 28	Intersection with Reneville 6 Intersection with Reneville 6	0	0	0	None None	0	0	0	None None	Yes Yes	No Yes	No No	-	-	-	-	-		1350 140	No No	218 218	No No	No No	1
39 006O	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	_	-	_	-	-		700	No	218	No	Yes	**
40 006P	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	1	-	-	-	-	- 1	1250	No	218	No	No	1
41 006Q	6.03	Ward 6	Intersection with state route 28	Intersection with Reneville 6	0	0	0	None	0	0	0	None	Yes	No	No	-	-	-	-	-		1000	No	218	Yes	No	**
42 008A	8.01	Ward 8	Intersection with US Hwy 52	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved	No	No	No	-	-	-	-	-		670	No	174	Yes	No	**
43 008B 44 008C	8.01 8.01	Ward 8 Ward 8	Intersection with US Hwy 52 Intersection with US Hwy 52	Intersection with US Hwy 83 Intersection with US Hwy 83	2	0	0	Paved Paved	2	0	0	Paved Paved	No Yes	No No	No No	_	-	-	-	-		500 1000	No No	174 174	Yes Yes	No No	**
45 008D	8.01	Ward 8	Intersection with US Hwy 52	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved	Yes	No	No	_	_	_	_	_		250	No	174	Yes	Yes	**
46 008E	8.01	Ward 8	Intersection with US Hwy 52	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1900	No	174	No	No	
47 009A	9.02	Ward 9	Intersection with state route 23	Intersection with Ward 20	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	-	-	-	-	-		840	No	675	Yes	Yes	***
48 009B 49 009C	9.03 9.03	Ward 9	Intersection with Ward 20	Intersection with Ward 14 Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved Paved				-	-	-	-	-		850 1100	No No	157 157	Yes No	Yes No	***
50 009D	9.03	Ward 9 Ward 9	Intersection with Ward 20 Intersection with Ward 20	Intersection with Ward 14	2	0	0	Paved Paved	2	0	0	Paved				1 -	-	-	-	-	- !	1200	No	157	Yes	Yes	***
51 009E	9.03	Ward 9	Intersection with Ward 20	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved				_	_	-	-	-		1400	No	157	No	No	
52 009F	9.03	Ward 9	Intersection with Ward 20	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1060	No	157	No	No	*
53 009G	9.03	Ward 9	Intersection with Ward 20	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved				2	-	-	-	-	1 1	1120	No	157	No	No	*
54 010A 55 010B	10.01 10.01	Ward 10 Ward 10	Intersection with Ward 9 Intersection with Ward 9	Intersection with Granly St Intersection with Granly St	4 4	0	0	Paved Paved	4 4	0	0	Paved Paved	Yes Yes	No No	No No	2	-	-	-	-	- 2	380 900	No No	263 263	No No	Yes No	**
56 010C	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	Yes	No	No	_	-	-	-	-	- 2	1000	No	263	No	No	**
57 010D	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	Ö	0	Paved	4	0	0	Paved	Yes	No	No	1	1	-	1	-		950	Yes	263	No	No	***
58 010E	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	Yes	No	No	-	-	-	-	-		1200	No	263	No	No	**
59 010F	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	Yes	No	No No	1	-	-	-	-	- 1	730	No	263	No	No	**
60 010G 61 010H	10.01 10.01	Ward 10 Ward 10	Intersection with Ward 9 Intersection with Ward 9	Intersection with Granly St Intersection with Granly St	4	0	0	Paved Paved	4	0	0	Paved Paved	Yes Yes	No No	No No	1 1	-	-	-	-	- 1 -	750 1100	No No	263 263	Yes No	Yes Yes	****
62 0101	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	Yes	No	No	_	-	-	_	_		570	No	263	Yes	No	***
63 010J	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	Yes	No	No	-	-	-	-	-		690	No	263	No	No	**
64 010K	10.01	Ward 10	Intersection with Ward 9	Intersection with Granly St	4	0	0	Paved	4	0	0	Paved	No	No	No	-	-	-	-	-		1600	No	263	No	No	*
65 010L 66 010M	10.02	Ward 10 Ward 10	Intersection with Granly St Intersection with Granly St	Intersection with US Hwy 2 Intersection with US Hwy 2	2 2	0	0	Paved Paved	2 2	0	0	Paved Paved	Yes	No No	Yes Yes	-	-	-	-	-		600 550	No No	671 671	No Yes	No Yes	***
67 010N	10.02 10.02	Ward 10	Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes No	No No	res No	1	-	-	-	-	 - 1	1500	No No	671	No	No	A A A
68 0100	10.02	Ward 10	Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes	No	No		-	-	-	-		1800	No	671	No	No	1
69 010P	10.02	Ward 10	Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		1700	No	671	No	No	1
70 010Q	10.02	Ward 10	Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes	No	No	-	-	-	-	-		3400	No	671	Yes	No	*
71 010R 72 010S	10.02 10.02	Ward 10 Ward 10	Intersection with Granly St Intersection with Granly St	Intersection with US Hwy 2 Intersection with US Hwy 2	2 2	0	0	Paved Paved	2	0	0	Paved Paved	Yes Yes	No No	No No	- 1	-	-	-	-	1	2400 3000	No No	671 671	No Yes	No No	
72 0103 73 010T	10.02	Ward 10	Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes	No	No	3	-	-	-	_	- 3	1300	No	671	No	No	1 ^
74 010U	10.02		Intersection with Granly St	Intersection with US Hwy 2	2	0	0	Paved	2	0	0	Paved	Yes	No	No	2			-		2	1450	No	671	Yes	No	*

Ward County Curves

Waru Cour	ity Cui roc	•				Insi	de			Outs	side							Crashe	es					Risk Facto	ors		
Curve ID Count	Corridor	Segment	Start	End	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter		Curve Advisory Sign	Speed Advisory Sign	Chevrons	Total	Total Severe	K		в с	PDO	Radius (ft)	Severe Crash	ADT	Intersection on Curve	Visual Trap	Risk Ranking
75 010V	10.03	Ward 10	Intersection with Ward 15	Intersection with US Hwy 83	8	0	0	Paved	8	0	0	Paved	Yes	Yes	No	1 2	-	-	- 1	-	- 1	820	No	457	No	Yes	***
76 010W 77 010X	10.03 10.03	Ward 10 Ward 10	Intersection with Ward 15 Intersection with Ward 15	Intersection with US Hwy 83 Intersection with US Hwy 83	8	0 0	0	Paved Paved	8	0	0	Paved Paved	No No	No No	Yes Yes	1	1	1	-	-	- 1	850 320	Yes Yes	457 457	No No	No No	*** **
78 011A	11.01	Ward 11	Intersection with US Hwy 52	Intersection with Ward 6	0	0	0	None	0	0	0	None	No	No	No	-	-	-	-	=-		220	No	1680	Yes	No	*
79 011B 80 012A	11.01 12.01	Ward 11 Ward 12	Intersection with US Hwy 52 1 mile west of Ward 17	Intersection with Ward 6 Intersection with Ward 17	4	0	0	None Paved	4	0	0	None Paved	Yes Yes	No Yes	No No	2		-	-	-	- <u>2</u>	1300 440	No No	1680 260	No No	No No	*
81 012B	12.01	Ward 12	1 mile west of Ward 17	Intersection with Ward 17	4	0	Ö	Paved	4	Ö	0	Paved	Yes	No	No	5	-	-	-		1 4	2000	No	260	No	No	*
82 012C 83 012D	12.03 12.03	Ward 12 Ward 12	Intersection with 55th St Intersection with 55th St	Intersection with US Hwy 2 Intersection with US Hwy 2	2	0	0	Paved Paved	2	0	0	Paved Paved	No No	No No	No No	1 3	-	-	-	-	- 1	70 170	No No	1204 1204	Yes No	Yes No	**
84 014A	14.02	Ward 14	Intersection with Ward 9	Intersection with 62nd St	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	1	-			-	- 3 - 1	820	No	210	No	Yes	**
85 014B	14.03	Ward 14	Intersection with 54th Ave	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved	Yes	Yes	No	1	-	-	-	-	- 1	840	No	1010	Yes	Yes	***
86 014C 87 014D	14.03 14.03	Ward 14 Ward 14	Intersection with 54th Ave Intersection with 54th Ave	Intersection with US Hwy 83 Intersection with US Hwy 83	2 2	0	0	Paved Paved	2	0	0	Paved Paved	No No	No No	No No	-	-	-	-	-		1000 330	No No	1010 1010	Yes No	No No	**
88 014E	14.03	Ward 14	Intersection with 54th Ave	Intersection with US Hwy 83	2	0	Ö	Paved	2	Ö	0	Paved	No	No	No	2	-	-	-	-	- 2	620	No	1010	No	No	*
89 014F 90 014G	14.04 14.04	Ward 14 Ward 14	Intersection with US Hwy 83 Intersection with US Hwy 83	1 mile east of 13th St 1 mile east of 13th St	1	1		Composite Composite	1	1	0	Composite Composite	Yes Yes	No No	Yes No	1	-	-	-	-	- 1	180 300	No No	548 548	No No	Yes No	**
91 014H	14.04	Ward 14	Intersection with US Hwy 83	1 mile east of 13th St	1	1	0	Composite	1	1	0	Composite	Yes	Yes	No	2	-	-	-	-	- 2	1400	No	548	No	No	*
92 0141	14.04	Ward 14	Intersection with US Hwy 83	1 mile east of 13th St	1	1		Composite	1	1	0	Composite	Yes	Yes	No	3	-	-	-	2	- 1	1200	No	548	No	No	**
93 014J 94 014K	14.04 14.05	Ward 14 Ward 14A	Intersection with US Hwy 83 1 mile east of 13th St	1 mile east of 13th St Intersection with 37th Ave	2	0	0	Composite Paved	2	0	0	Composite Paved	Yes Yes	Yes Yes	Yes No	- 1	-	-	-	-	 - 1	330 420	No No	548 300	No No	No No	*
95 014L	14.05	Ward 14A	1 mile east of 13th St	Intersection with 37th Ave	2	0	Ö	Paved	2	0	0	Paved	No	No	No	1	-	-	-	-	- 1	1000	No	300	No	No	**
96 014M	14.05	Ward 14A	1 mile east of 13th St	Intersection with 37th Ave Intersection with 37th Ave	2 2	0	0	Paved	2	0	0	Paved	Yes	No		2	1	-	1	1		600	Yes	300 300	No	No No	***
97 014N 98 014O	14.05 14.06	Ward 14A	1 mile east of 13th St Intersection with Ward 14A	Intersection with 72nd AVe Ave	2	0	0	Paved Paved	2	0	0	Paved Paved	Yes	No		-				-		1800 150	No No	408	No Yes	No No	**
99 014P	14.06	Ward 14	Intersection with Ward 14A	Intersection with 72nd AVe Ave	2	0	0	Paved	2	0	0	Paved				1	-	-	-	-	- 1	480	No	408	Yes	No	**
100 014Q 101 014R	14.06 14.06	Ward 14 Ward 14	Intersection with Ward 14A Intersection with Ward 14A	Intersection with 72nd AVe Ave Intersection with 72nd AVe Ave	2	0	0	Paved Paved	2	0	0	Paved Paved				2	-	-	-	-	- 2	920 550	No No	408 408	No No	No No	**
102 014S	14.06	Ward 14	Intersection with Ward 14A	Intersection with 72nd AVe Ave	2	0	0	Paved	2	0	0	Paved				1	-	-	-	-	- - 1	600	No	408	No	No	**
103 015A	15.04	Ward 15	Intersection with Ward 10	1 mile South of 86th St	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		3400	No	520	No	No	*
104 015B 105 015C	15.04 15.04	Ward 15 Ward 15	Intersection with Ward 10 Intersection with Ward 10	1 mile South of 86th St 1 mile South of 86th St	2	0	0	Paved Paved	2	0	0	Paved Paved				-	-	-	-	-		2300 2300	No No	520 520	No No	No No	*
106 015D	15.04	Ward 15	Intersection with Ward 10	1 mile South of 86th St	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		3000	No	520	No	No	*
107 015E	15.04	Ward 15	Intersection with Ward 10	1 mile South of 86th St	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1650	No	520	No	No	*
108 015F 109 015G	15.04 15.04	Ward 15 Ward 15	Intersection with Ward 10 Intersection with Ward 10	1 mile South of 86th St 1 mile South of 86th St	2	0	0	Paved Paved	2	0	0	Paved Paved				-	-	-	-	-		800 900	No No	520 520	Yes Yes	Yes Yes	****
110 015H	15.03	Ward 15	Intersection with Ward 17	Intersection with Ward 10	6	0	0	Paved	6	0	0	Paved				-	-	-	-	-		2000	No	2510	Yes	No	*
111 015I 112 015J	15.03 15.03	Ward 15 Ward 15	Intersection with Ward 17 Intersection with Ward 17	Intersection with Ward 10 Intersection with Ward 10	6 6	0	0	Paved Paved	6	0 0	0	Paved Paved				-	-	-	-	-		2100 3000	No No	2510 2510	No Yes	No No	
112 0153 113 015K	15.03	Ward 15	Intersection with Ward 17	Intersection with Ward 10	6	0	0	Paved	6	0	0	Paved				4	-	-	-	-	- 4	15000	No	2510	Yes	No	*
114 015L	15.02	Ward 15	Intersection with US Hwy 83	Intersection with Ward 17	2	2	0	Composite	2	2	0	Composite				-	-	-	-	-		1650	No		Yes	Yes	**
115 016A 116 017A	16.02 17.01	Ward 16 Ward 17	Intersection with US Hwy 52 Intersection with Ward 14	Intersection with 97th St Intersection with US Hwy 2	4	0	0	Paved Paved	4	0	0	Paved Paved				2	-	-		1 -	- 1	160 1000	No No	210 315	Yes No	No No	**
117 017B	17.01	Ward 17	Intersection with Ward 14	Intersection with US Hwy 2	4	0	0	Paved	4	0	0	Paved				6	-	-	-	1	- 5	1150	No	315	No	No	**
118 017C	17.01 17.01	Ward 17 Ward 17	Intersection with Ward 14 Intersection with Ward 14	Intersection with US Hwy 2	4	0	0	Paved	4	0 0	0	Paved				- 7	-	-	-	-		530 200	No No	315 315	No Yes	No	**
119 017D 120 017E	17.01	Ward 17	Intersection with Ward 14	Intersection with US Hwy 2 Intersection with US Hwy 2	4	0	0	Paved Paved	4	0	0	Paved Paved				11	2	-	2	-	- 9	810	Yes	315	Yes	Yes No	***
121 017F	17.01	Ward 17	Intersection with Ward 14	Intersection with US Hwy 2	4	0	0	Paved	4	0	0	Paved				15	-	-	-	1	1 13	60	No	315	Yes	Yes	***
122 017G 123 017H	17.01 17.01	Ward 17 Ward 17	Intersection with Ward 14 Intersection with Ward 14	Intersection with US Hwy 2 Intersection with US Hwy 2	4	0	0	Paved Paved	4	0	0	Paved Paved				1	-	-	-	-	- 1 1 -	600 230	No No	315 315	No Yes	No No	**
124 0171	17.01	Ward 17	Intersection with Ward 14	Intersection with US Hwy 2	4	0	0	Paved	4	0	0	Paved				1	-	-	-	-	- 1	50	No	315	Yes	No	**
125 017J	17.02	Ward 17	Intersection with US Hwy 2	Intersection with Ward 15	4	0	0	Paved	4	0	0	Paved				2	-	-	-	-	- 2	800	No	1575	No	No	*
126 017K 127 017L	17.02 17.02	Ward 17 Ward 17	Intersection with US Hwy 2 Intersection with US Hwy 2	Intersection with Ward 15 Intersection with Ward 15	4	0	0	Paved Paved	4	0	0 0	Paved Paved				1 -	-	-	-	-	- 1	550 800	No No	1575 1575	No No	No No	*
128 017M	17.02	Ward 17	Intersection with US Hwy 2	Intersection with Ward 15	4	0	0	Paved	4	0	0	Paved				-	-	-	-	-		450	No	1575	No	No	
129 017N 130 017O	17.02 17.02	Ward 17 Ward 17	Intersection with US Hwy 2 Intersection with US Hwy 2	Intersection with Ward 15 Intersection with Ward 15	4	0	0	Paved Paved	4	0 0	0	Paved Paved				-	-	-	-	-		420 380	No No	1575 1575	Yes Yes	No No	*
131 020A	20.03	Ward 20	Intersection with 142nd St	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved				1			-	-	- 1	1800	No	302	No	No	*
132 020B	20.03	Ward 20	Intersection with 142nd St	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1500	No	302	No	No	*
133 020C 134 023A	20.03	Ward 20 Ward 23	Intersection with 142nd St Intersection with US Hwy 2	Intersection with US Hwy 83 Intersection with 66th St	2	0	0	Paved Paved	2	0	0	Paved Paved				-	-		-	-		2000 1600	No No	302 310	No No	No No	*
135 023B	23.04	Ward 23	Intersection with US Hwy 2	Intersection with 66th St	2	0	0	Paved	2	0	0	Paved								-	<u>- </u>	1200	No	310	No	No	**
136 023C	23.02	Ward 23	Intersection with state route 23	Intersection with US Hwy 53	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		3000	No	362	No	No No	*
137 023D 138 023E	23.02 23.02	Ward 23 Ward 23	Intersection with state route 23 Intersection with state route 23	Intersection with US Hwy 53 Intersection with US Hwy 53	2 2	0	0	Paved Paved	2	0 0	0 0	Paved Paved					-	-	-	-		3200 2500	No No	362 362	No Yes	No No	* **
139 023F	23.02	Ward 23	Intersection with state route 23	Intersection with US Hwy 53	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1600	No	362	No	No	*
140 023G 141 023H	23.02 23.02	Ward 23 Ward 23	Intersection with state route 23 Intersection with state route 23	Intersection with US Hwy 53 Intersection with US Hwy 53	2 2	0	0 n	Paved Paved	2	0	0	Paved Paved				- 1	-	-	-	-	1	1300 420	No No	362 362	No Yes	Yes No	** **
142 0231	23.02	Ward 23	Intersection with 373rd Ave	Intersection with state route 23	2	0	0	Paved	2	0	0	Paved				1	-	-	-	1		1600	No	141	No	Yes	*
143 023J	23.01	Ward 23	Intersection with 373rd Ave	Intersection with state route 23	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1400	No	141	No	No	
144 023K 145 023L	23.01 23.01	Ward 23 Ward 23	Intersection with 373rd Ave Intersection with 373rd Ave	Intersection with state route 23 Intersection with state route 23	2 2	0 0	U 0	Paved Paved	2	0 0	0 0	Paved Paved					-	-	-	-		1900 2500	No No	141 141	No No	No No	
146 023M	23.01	Ward 23	Intersection with 373rd Ave	Intersection with state route 23	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		1500	No	141	Yes	No	*
147 023N	23.01	Ward 23	Intersection with 373rd Ave	Intersection with state route 23	2	0	0	Paved	2	0	0	Paved				-	-	-	-	-		3500	No	141	No	No	<u> </u>

Ward County Curves

						Ins	ide			Out	side						Cras	hes					Risk Fact	ors		
Curve ID	Corridor	Segment	Start	End	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Curve Advisory Sign	Speed Advisory Chevrons Sign	Total	Total Severe	к	A	В	C PDO	Radius (ft)	Severe Crash	ADT	Intersection on Curve	Visual Trap	Risk Ranking
148 024A	24.01	Ward 24	Intersection with state route 28	Intersection with 142nd St	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 4000	No	178	Yes	No	*
149 024B	24.01	Ward 24	Intersection with state route 28	Intersection with 142nd St	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 5000	No	178	Yes	No	*
150 024C	24.02	Ward 24	Intersection with 142nd St	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 4000	No	283	No	No	*
151 024D	24.02	Ward 24	Intersection with 142nd St	Intersection with US Hwy 83	2	0	0	Paved	2	0	0	Paved			1	-			-	-	1 3000	No	283	Yes	No	**
152 501A	501.03	No designation	Intersection with State route 22	Intersection with Ward 22	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 860	No	85	Yes	No	**
153 501B	501.03	No designation	Intersection with State route 22	Intersection with Ward 22	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 760	No	85	Yes	Yes	***
154 501C	501.01		Intersection with 373rd Ave	Intersection with Ward 24	0	0	0	None	0	0	0	None			2	-		-	-	-	2 530	No	61	Yes	No	**
155 504A	504.03		Intersection with US Hwy 52	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 2200	No	488	Yes	No	**
156 504B	504.03		Intersection with US Hwy 52	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 1000	No	488	No	No	**
157 504C	504.03	No designation	Intersection with US Hwy 52	Intersection with Ward 14	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 85	No	488	Yes	No	**
158 504D	504.02		Intersection with Ward 16	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 85	No	325	Yes	No	**
159 504E	504.02	No designation	Intersection with Ward 16	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved			1	-			1	-	- 930	No	325	No	No	**
160 504F	504.02		Intersection with Ward 16	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 1900	No	325	No	No	*
161 504G	504.02		Intersection with Ward 16	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 1500	No	325	Yes	No	**
162 504H	504.02	No designation	Intersection with Ward 16	Intersection with US Hwy 52	2	0	0	Paved	2	0	0	Paved			-	-			-	-	- 330	No	325	Yes	No	**
-			_	_										_	119	6	1	5	11	4 9	8 69		79			27

	Total		Chevroned	(% of Stars)
Stars	#	%	#	%
****	0	0%	0	0%
****	6	4%	0	0%
***	15	9%	2	13%
**	51	31%	2	4%
*	65	40%	2	3%
	25	15%	1	4%
	162	100%	7	4%

**CHEVRON ANALYSIS NOT COMPLETE

Critical
Ranges Max
Radius 1,200
ADT 650

Crash Data: 2008-2012 7/26/2013 3/3

HIGHWAY SA	FET	V IMPRO	VEMENT	PROGRAM	I (HSID)	DRO IE	T ADDI I	CATION					
North Dakota Depa SFN 59959 (06-2011	artmei				i (i iSiF)	FROJE	JI AFFLI	CATION					
·		Cont Emai	act Name: I Address:	Ward Count Dana Larser dana.larsen	y า @wardnd	.com		te Route		th Ave ND DOT District ephone Number)	
Please attach a loca Location Descri					ther describ	e your proje	ect.						
Start: State End: 436t Facility Type: 2-Lar ADT: 309 Road Type: Rura County Road: Ward	e Rout h Ave ne l Pave	re 50		L S Shou Shou Len	Lane Width: Speed Limit: Ulder Width: bulder Type: ogth (miles): le Installed:	High 0' None 8.8				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints or Driver Safety iving Idress Lane Depa ncy Medical Capal	for all Occupant	
Describe Currer			& System	ic Ranking R									
North Dakota Crashe Curve ID K 001A 0	A 0	Radius (ft)	ADT 309	Intersection on Curve Yes	Visual Trap Yes	Risk Ranking	Oil County Project YES	Project Suggested Yes	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project Inside/Outside	Advance Horizontal Alignment Warning Sign 0	Advisory Speed Plaque
001B 0 001C 0 001D 0	0 0	1000 1700 770	309 309 309	No No No	No No No	** * **	YES No YES	Yes Yes Yes	- Chevron -		Inside/Outside Inside/Outside Inside/Outside	0 - 0	0 - 0
*Curve numbering no Ranking Criteria	1		Inters	Severe Crashes Radius ADT section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:				
Describe Propo	sed S	Safety Impr	ovements										
		Advan	ce Warning S	Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 0 .7 miles .0 miles	Total cost \$3,300 \$0 \$0 \$1,965 \$0 \$5,265	-		
Project Cost Es	timat	e (attach d	etailed co	py)					Proposed Yo	ear of Construct	ion		
			Local Matc	h (10% of Total p	deral Funds project cost) pject Cost	\$527							
NDDOT Central	Offic												
Project Accepted? Notes		Yes	□ No		Reference	e Number				ID Number	1		
												Page: Segment ID: Date:	

HICHWAY 6	A C C T	V IMPRO	/EMENT	DDCCDAM	(HSIB) I	DDO IEC	T ADDI I	CATION					
HIGHWAY SA North Dakota Dep SFN 59959 (06-20-	partme				i (HSIP) i	PROJEC	I APPLI	CATION					
		-	-	C Ward Count Dana Larser	у	n Ward	d 2 from	590th ST		11 ND DOT District ephone Number)	
Diogga attach a los	ation m			dana.larsen	_		nt						
Please attach a loc Location Desc					ner describe	your projec	Jl.						
Start: 59(End: Wa Facility Type: 2-L: ADT: 395 Road Type: Rur County Road: Wa	0th ST ard 11 ane 5 ral Pave			L S Shot Shot Len	Lane Width: Speed Limit: ulder Width: oulder Type: ngth (miles): le Installed:	High 2' Paved 5.8				SHSP Empha: Reduce Alcohol Imp Increase the Use of Younger Driver/Old Curb Aggressive Dr Improvements to Ac Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving ddress Lane Depar ncy Medical Capab	for all Occupant	
Describe Curre			& System	ic Ranking R									
North Dakota Crasi Curve ID K		08 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
002C 0	0	1500	395	No	No	*	No	-	-	-	-	-	-
002D 0 002E 0		2800 1600	395 395	Yes No	No No	** *	No No	-	-	-	-	-	-
002F 0	0	1900	395	No	No	*	No	-	-	-	-	-	-
002G 0 002H 0		1500 760	395 395	No No	No No	* **	No YES	- Yes	-	-	Inside/Outside	- 0	- 0
0021 0		800	395	Yes	Yes	****	YES	Yes	Chevron		Inside/Outside	0	0
*Curve numbering Ranking Criter	ria		Inters	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are so - 3 or more ★ - x in Proximi	elected for proje rs ty or Existing Ch	ct if:				
Describe Prop	osed S	Safety Impr	ovements										
		Advar	nce Warning S	Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 0 .3 miles .0 miles	Total cost \$3,300 \$0 \$0 \$909 \$0 \$4,209	-		
Project Cost E.	stimat	e (attach d	etailed cop	oy)					Proposed Y	ear of Construct	tion		
			Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$421							
NDDOT Centra		e Only							<u> </u>				
Project Accepted? Notes		Yes	No		Reference	Number				ID Number			
												Page: Segment ID: Date:	

HIGHWAY SAF	:FT\	/ IMPRO	VEMENT	PROGRAM	(HSIP)	PROJE(T APPLI	CATION					
North Dakota Depai SFN 59959 (06-2011)	rtmer				(11011)	ROOL) All EN	OATION					
		_	-	Cu Ward Count Dana Larser	у	n Ward	l 5 from	US Hwy		d 7 ND DOT District ephone Number		1	
D		Ema	il Address:	dana.larsen	@wardnd				161	ephone Number	. 701-030-2010	,	
Please attach a location Location Descrip					her describe	your proje	ct.						
Start: US H End: Ward Facility Type: 2-Lane ADT: 80 Road Type: Rural I County Road: Ward	wy 52 7 e Paved			L S Sho Sho Len	Lane Width: Speed Limit: ulder Width: pulder Type: gth (miles): ole Installed:	High 2' Paved 1.8				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depa ncy Medical Capal	for all Occupant	
Describe Current North Dakota Crashes			& System	ic Ranking R		veare							
Curve ID K	s, 200 A	8 - 2012 Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
005D 0 005E 0	0	700 450	80 80	Yes No	No No	**	No No	Yes Yes	Chevron Chevron	-	Inside/Outside Inside/Outside	x x	45 35
005F 0	0	1200	80	No	No	*	No	Yes	Chevron		Inside/Outside	-	-
005G 0 005H 0	0	1000 1700	80 80	No No	No No	*	No No	Yes Yes	Chevron Chevron	-	Inside/Outside Inside/Outside	X -	50 -
0051 0	0	1000	80	No	No	*	No	Yes	Chevron	-	Inside/Outside	X	50
*Curve numbering not Ranking Criteria			Inters	Severe Crashes Radius ADT section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are s - 3 or more ★ - x in Proximi	elected for projects	ct if:				
					Description	Туре	Unit Cost		Quantity	Total cost	_		
		Adva	nce Warning S	Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive	\$500 \$800 \$3,000	per curve per curve per curve per mile per mile	6 0 4 .9 miles .0 miles	\$19,800 \$0 \$3,200 \$2,727 \$0	_		
Project Cost Esti	imate	e (attach d	letailed co	py)					Proposed Y	\$25,727 ear of Construct	ion		
			Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$2,573							
NDDOT Central C	Offic									lie	ı		
Project Accepted? Notes		Yes	∐ No		Reference	e Number	<u> </u>			ID Number			
												Page: Segment ID: Date:	

HIGHWAY	/ SA	FET'	Y IMPROV	/EMENT	PROGRAM	(HSIP) I	PROJEC	T APPLIC	CATION					
	a Depa	artmer	nt of Transpo			(,								
			•	•	Curve Ward Count Dana Larser	у	ard 6 fr	om Sta	te Route 2		eville 6 ND DOT District: ephone Number:		0	
Please attach	a locat	tion m			dana.larsen nal sheets to furt			nt .						
			(Corridor			ner describe	your projec	Ji.						
	: 218 : Rural	eville 6 ne I Pave	i		Show Show Ler	Lane Width: Speed Limit: ulder Width: oulder Type: ogth (miles): ole Installed:	Low 0' None 7.1				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emergen Improve Intersection	Safety Restraints or Driver Safety ving dress Lane Depa cy Medical Capal	for all Occupant	
				& System	ic Ranking R									
North Dakota (Curve ID	Crashe K	es, 200 A	08 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
006G	0	0	1120	218	Yes	Yes	***	No	Yes	Chevron	Inside/Outside	Inside/Outside	-	-
006H 006I	0	0	870 1050	218 218	No No	No No	* *	YES YES	-	-	-	-	-	-
006J	0	0	1200	218	No	No	*	YES	-	-	-	-	-	-
006K	0	0	2700	218	Yes	No	*	No	-	-	-	-	-	-
006L 006M	0	0	1500 1350	218 218	Yes No	No No	*	YES YES	-	-	-	-	-	-
006N	0	0	140	218	No	No		YES	-	-	-	-	-	-
0060	0	0	700	218	No	Yes	**	YES	-	-	-	-	-	-
006P 006Q	0 0	0 0	1250 1000	218 218	No Yes	N o No	**	YES YES	-	-	-	-	-	-
*Curve numbe Ranking Ci	_		secutive, as so	•	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are se - 3 or more ★ - x in Proximit	elected for projects s ty or Existing Ch					
Describe P	ropo	sed S	Safety Impro	ovements										
			Advand	ce Warning S	Sign/Speed Advi: Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 0 2 miles .0 miles	Total cost \$3,300 \$0 \$0 \$455 \$0 \$3,755	-		
Project Co:	st Es	timat	e (attach de	etailed cop	oy)					Proposed Y	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$376							
NDDOT Ce	ntral	Offic	e Onlv											
Project Accept			Yes	No		Reference	Number				ID Number			
Notes														
													Page: Segment ID: Date:	

пспму	V Q A	CET	V IMPPO	/EMENT	PROGRAM	(HSID)	DDO IE	T ADDI I	CATION					
	a Depa	artmer	nt of Transpo			(H3IF)	FROJEC	JI AFFLIC	SATION					
			Cont Email	act Name: Address:	Ward Count Dana Larser dana.larsen	y า @wardnd	.com		S Hwy 52		vy 83 ND DOT District ephone Number)	
			ap(s). You ma (Corridor		nal sheets to furt	her describe	your proje	ct.						
Star End Facility Type	t: US I d: US I e: 2-Lai f: 174 e: Rura	Hwy 52 Hwy 83 ne I Paved	2	Contamin	Short Short Ler	Lane Width: Speed Limit: ulder Width: bulder Type: ngth (miles): ble Installed:	High 2' Paved 12.9				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depar ncy Medical Capab	for all Occupant	
Describe (& System	ic Ranking R		Vears							
Curve ID	K	Α	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
008A 008B 008C 008D 008E	0 0 0 0	0 0 0 0	670 500 1000 250 1900	174 174 174 174 174	Yes Yes Yes Yes No	No No No Yes No	** ** **	No YES YES YES YES	Yes Yes Yes Yes Yes	Chevron	- - - -	Inside/Outside Inside/Outside Inside/Outside Inside/Outside Inside/Outside	0 0 0 0	40 40 50 Inspect Curve
Ranking C	riteria	1		Inters	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are se - 3 or more ★ - x in Proximit	elected for projers ty or Existing Ch					
Describe F	Propo	sed S	Safety Impr	ovements										
			Advan	ce Warning S	Sign/Speed Advi Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 1 .8 miles .0 miles	Total cost \$3,300 \$0 \$800 \$2,273 \$0 \$6,373	-		
Project Co	st Es	timat	e (attach d	etailed co _l	by)					Proposed Yo	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$637	-						
NDDOT Ce		Offic		_										
Project Accep Notes	oted?		Yes	No		Reference	Number				ID Number			
													Page: Segment ID: Date:	

HIGHWA	ΥSΔ	FFT	Y IMPRO	/FMFNT	PROGRAM	(HSIP)	PROJEC	T APPLIC	CATION					
	a Dep	artme	nt of Transpo			(I.IOII)	TROOLS	71 Al I Els	JAHON					
			Cont	act Name:	Curv Ward Count Dana Larser dana.larser	y 1		from St	ate Route		rd 14 ND DOT District ephone Number)	
					nal sheets to furt	her describe	e your projec	ot.						
Location I	Descr	iption	(Corridor	Containin	g Curves)						SHSP Emphas	sis Area (check all	that apply)	
End Facility Type	T: 328 e: Rura	d 14 ne al Pave			Show Show Len	Lane Width: Speed Limit: ulder Width: oulder Type: ngth (miles): ble Installed:	High 2' Paved 14.9				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints or Driver Safety ving dress Lane Depa cy Medical Capal	rture Crashes	
				& System	ic Ranking R	eview								
North Dakota Curve ID	ı Crash K	es, 200 A	08 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
009A	0	0	840	328	Yes	Yes	****	YES	Yes	-	-	Inside/Outside	0	45
009B 009C	0	0	850 1100	328 328	Yes No	Yes No	****	YES YES	Yes Yes	-	-	Inside/Outside Inside/Outside	0 0	45
009D	0	0	1200	328	Yes	Yes	****	YES	Yes	-	-	Inside/Outside	-	-
009E	0	0	1400	328	No	No	*	YES	-	-	-	-	-	-
009F 009G	0	0	1060 1120	328 328	No No	No No	** **	YES YES	-	-	-	-	-	-
Ranking C	Criteri	a	secutive, as so	Inters	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are se - 3 or more ★ - x in Proximit	elected for projects support Existing Ch					
Describe	ΤΟΡΟ	iseu c	salety IIIIpi	<u>Overnents</u>										
			Advan	ce Warning (Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 0 0 0 0 .6 miles .0 miles	Total cost \$0 \$0 \$0 \$1,818 \$0 \$1,818	-		
Project Co	st Es	timat	te (attach d	etailed co _l	oy)					Proposed Y	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$182							
NDDOT C		Offic		_										
Project Acce Notes	pted?		Yes	No		Reference	e Number				ID Number			
													Page: Segment ID: Date:	

North Dakota	Depa	artmer			PROGRAM gramming	(HSIP) I	PROJEC	CT APPLIC	ATION					
SFN 59959 (06			Agen Conta	cy Name:	Cı Ward Count Dana Larser	y 1		l 10 from	Ward 9 t	-	St ND DOT District: ephone Number:		0	
Please attach	a locat	ion ma			dana.larsen nal sheets to furt	_		ot.						
Location D											0.105 5			
	263 Rural	nly St ne Paved	d		Show Show Len	Lane Width: Speed Limit: ulder Width: ulder Type: igth (miles): le Installed:	High 4' Paved 10.7				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emergen Improve Intersection	Safety Restraints or Driver Safety ving dress Lane Depa cy Medical Capal	for all Occupant	
				& System	ic Ranking R									
North Dakota (Curve ID	Crashe K	es, 200 A	8 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
010A	0	0	380	263	No	Yes	**	No	0	-	-	-	-	-
010B 010C	0	0 0	900 1000	263 263	No No	No No	** **	No No	-	-	-	-	-	-
010D	0	0	950	263	No	No	**	No	-	-	-	-	-	-
010E	0	0	1200	263	No	No	**	No	-	-	-	-	-	-
010F 010G	0	0 0	730 750	263 263	No Yes	No Yes	**	No YES	- Yes	-	-	Inside/Outside	0	45
010G	0	0	1100	263	No	Yes	***	YES	Yes	-	-	Inside/Outside	0	-
0101	0	0	570	263	Yes	No	***	YES	Yes	-	-	Inside/Outside	0	40
010J 010K	0	0	690 1600	263 263	No No	No No	** *	YES No	-	-	-	-	-	-
*Curve numbe Ranking Cr	_		ecutive, as so	•	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are seld - 3 or more ★s - x in Proximity	ected for project	if: vron column				
Describe P	ropo	sed S	afety Impro	ovements										
			_		Arrow Sign/Speed Advis Shoulder R Shou	Description Chevrons Board Only sory Plaque umble Strip	Proactive Proactive Proactive		er curve er curve er mile er mile	Quantity 0 0 0 .5 miles .0 miles	Total cost \$0 \$0 \$0 \$1,364 \$0 \$1,364	-		
Project Cos	st Es	timate	e (attach de	tailed cop	oy)					Proposed Y	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) pject Cost	\$136							
NDDOT Cei		Offic		1		D-f	. Nicona'				IID Alcordo			
Project Accept Notes	ed?		Yes	No No		Reference	e Number				ID Number			
													Page: Segment ID: Date:	

HIGHWAY	/ SA	FET	/ IMPRO\	/EMENT	PROGRAM	(HSIP)	PROJEC	CT APPLI	CATION					
North Dakota SFN 59959 (00	Depa	artmer												
			Conta	act Name:	Cur Ward County Dana Larser dana.larser(y 1		10 from	Granly S		wy 2 ND DOT District: ephone Number:)	
			p(s). You may	y use addition	nal sheets to furt	_		ct.						
Location D	escri	ption	(Corridor (Containing	g Curves)					T .	SHSP Emphas	sis Area (check all	that apply)	
	: 671 : Rural	Hwy 2 ne Pave	i		Shou Shou Len	Lane Width: Speed Limit: ulder Width: oulder Type: igth (miles): le Installed:	High 2' Paved 7.6				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emerger Improve Intersection	aired Driving Safety Restraints or Driver Safety ving dress Lane Depa cy Medical Capal	for all Occupants	
				& System	ic Ranking R	eview								
North Dakota (Curve ID	Crashe K	es, 200 A	8 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
010L	0	0	600	671	No	No	*	YES	Yes	-	-	Inside/Outside	0	40
010M 010N	0	0	550 1500	671 671	Yes No	Yes No	***	YES YES	Yes Yes	-	-	Inside/Outside Inside/Outside	0	40
0100	0	0	1800	671	No	No		No	Yes	Chevron	-	Inside/Outside	-	-
010P	0 1	1 0	1700	671 671	No	No	* **	YES	Yes	Chauran	-	Inside/Outside Inside/Outside	-	-
010Q 010R	0	0	3400 2400	671 671	Yes No	No No	**	No No	Yes Yes	Chevron Chevron	-	Inside/Outside	-	-
010S	0	0	3000	671	Yes	No	*	No	Yes	Chevron	-	Inside/Outside	-	-
010T 010U	0	0	1300 1450	671 671	No Yes	No No	*	YES YES	Yes Yes	-	-	Inside/Outside Inside/Outside	-	-
*Curve numbe <i>Ranking Cr</i>			ecutive, as so	(Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are s - 3 or more - x in Proxim	selected for proje ★s ity or Existing Ch					
Describe P	ropo	sed S	afety Impro	ovements										
			- Advan	ce Warning S	Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800 \$3,000	per curve per curve per curve per mile per mile	Quantity 4 0 0 1.5 miles .0 miles	Total cost \$13,200 \$0 \$0 \$4,545 \$0 \$17,745	-		
Project Cos	st Es	timat	e (attach de	etailed cop	oy)					Proposed Y	ear of Construct	ion		
				Local Matcl	n (10% of Total p	deral Funds project cost) oject Cost	\$1,775							
NDDOT Ce	ntral	Offic	e Only											
Project Accept Notes	ted?		Yes	No		Reference	e Number				ID Number			
													Page: Segment ID: Date:	

					PROGRAM	I (HSIP)	PROJEC	T APPLI	CATION					
North Dakota SFN 59959 (0			nt of Transp	ortation Prog										
			Con	tact Name:	Cur Ward Count Dana Larser dana.larser	ry n		10 from	Ward 15		y 83 ND DOT District ephone Number		D	
				ay use additio	nal sheets to furt	ther describe	your proje	ct.						
Start End Facility Type	: Ward : US F : 2-Lar : 457 : Rural	d 15 Hwy 83 ne Paved		Containing	Sho Sho Ler	Lane Width: Speed Limit: ulder Width: bulder Type: ngth (miles): ble Installed:	High 8' Paved 4.8				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ac Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depar ncy Medical Capab	for all Occupant	
Describe C				s & System	ic Ranking R		years							
Curve ID	K	Α	Radius (ft)		Intersection on Curve	Visual Trap	Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
010V 010W 010X	0 0 0	0 0 0	820 850 320	457 457 457	No No No	Yes No No	*** ** *	YES YES YES	Yes Yes Yes	- - -	- - -	Inside/Outside Inside/Outside Inside/Outside	0 0 0	45 45 35
Ranking C	riteria	ı			Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are s - 3 or more ≠ - x in Proxim	elected for proje					
Describe P	торо	seu s	агету іпір	rovements						2 44				
			Adva	nce Warning S	Sign/Speed Advi Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800 \$3,000	per curve per curve per curve per mile per mile	Quantity 0 0 0 0 .5 miles	Total cost \$0 \$0 \$0 \$1,364 \$0 \$1,364	_		
Project Co	st Es	timate	e (attach d	detailed cop	by)					Proposed Yo	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$136							
NDDOT Ce		Office												
Project Accep Notes	ited?		Yes	□ No		Reference	e Number				ID Number	<u> </u>		
													Page: Segment ID: Date:	

012C 0 0 70 1204 Yes Yes ** No Yes Chevron - Inside/Outside x Inspect Curve	•							n Ward	i 12 from	55th St	to US Hwy				
Personal Address: data larsen@wardnot.com Personal Research resigned Year very see additional steets in butter describe year project. Indeed Service				_	-		-								
Court Cour											Tele	ephone Number	: 701-838-2810)	
Series S	Please attach	a locatio	on map(s						ct.						
Static - 56th St.) pj							
End US Hely 2 Speed Limits High Speed Limits High Speed Limits Speed Limi	Start	- 55th S	St				ane Width:	12'						that apply)	
Rask Type Rival Paved County Road Word 12 Remainle Installed: No Remainle In	End	: US Hv	vy 2			S	Speed Limit:	High				Increase the Use of	Safety Restraints	for all Occupant	s
Courty Road Ward 12 Furnishe Installed. No Enhancing Emergency Media Capabilises to Increase Survivability Improve Intersection Safety Sesses & Systemic Ranking Review Systemic Ranking Revie			•												
Describe Current Safety Issues & Systemic Ranking Review Systemic Project Systemic Ranking Review Systemic Ranking	Road Type	: Rural F				Len	igth (miles):	4.1				Improvements to Ac	ldress Lane Depar		
Describe Current Safety Issues & Systemic Ranking Review Systemic Project Systemic Ranking Review Systemic Ranking	County Road	: Ward 1	12			Rumb	le Installed:	No						oilities to Increas	e Survivability
Symmatric Symm	D 11 0	N	0-6-6		0.0	'- D/-						•			
Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Ranking Criteria Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Ranking Criteria Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Ranking Criteria Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Ranking Criteria Curve numbering rot consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc Ranking Criteria Curve number					& System	ic Ranking R		years							
Intersection Visual Trap Ramb ADT on Curve Trap Rambing Project Project Project Project Visual Trap Visual Trap Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Project Visual Trap Visual Trap Project Visual Trap Project Visual Trap Visual Trap Project Visual Trap Visual Trap Project Visual Trap Visual Trap Project Visual Trap Visual Trap Visual Trap Visual Trap Project Visual Trap Visual Trap Project Visual Trap Visual Trap Visual Trap Visual Trap Visual Trap Project Visual Trap Visual Trap Visual Trap Visual Trap Project Visual Trap Vi											Sign		Chauldar		
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 Curve Chevron						Intersection		Risk	Oil County	Project		Shoulder Paving			
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 Curves are selected for project it: Severe Cashes												Project -			
Criteria Severe Crashes O								~ ~				-			
Criteria Severe Crashes O	I														
Describle Proposed Safety Improvements Description Type Unit Cost Quantity Total cost			consecu	utive, as so	me curves n	nay nave been re	emovea from	i turtner and				1 1 1			
Describle Proposed Safety Improvements						Severe Crashes Radius	> 0 500 to 1200		Curves are se - 3 or more ★s - x in Proximity	lected for projes	ect if:				
Description Type Unit Cost Quantity Total cost						Severe Crashes Radius ADT	> 0 500 to 1200 250 to 650		Curves are se - 3 or more ★s - x in Proximity	lected for projes	ect if:				
Advance Warning Sign/Speed Advisory Plaque Proactive Stop per curve \$3,300 per curve \$500 per curve \$1,600 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$			_			Severe Crashes Radius ADT ection on Curve	> 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more ★s - x in Proximity	lected for projes of or Existing Cl	ect if:				
Advance Warning Sign/Speed Advisory Plaque Proactive \$500 per curve 2 \$1,600 Shoulder Rumble Strip Proactive \$30,000 per mile 3 miles \$909 Shoulder Paving Proactive \$37,000 per mile 0.0 miles \$0.0 miles \$9,109 Project Cost Estimate (attach detailed copy) Federal Funds \$8,198 Local Match (10% of Total project cost) \$9,110 Total Project Cost \$9,109 NDDOT Central Office Only Project Accepted?	Describe P	Propose	ed Saf	ety Impro	Inters	Severe Crashes Radius ADT ection on Curve Visual Trap	> 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more ★s - x in Proximity	lected for projes of or Existing Cl	ect if:				
Advance Warning Sign/Speed Advisory Plaque Proactive Shoulder Rumble Strip Proactive Shoulder Paving Paving	Describe P	Propose	ed Saf	ety Impro	Inters	Severe Crashes Radius ADT ection on Curve Visual Trap	> 0 500 to 1200 250 to 650 Yes Yes	_	Curves are se - 3 or more *s - x in Proximity - x in High Pric	lected for projes of or Existing Cl	ect if: hevron column • Critical Radius c	olumn			
Shoulder Paving Proactive \$37,000 per mile 0.0 miles \$0 \$9,109 Project Cost Estimate (attach detailed copy) Federal Funds \$8,198 Local Match (10% of Total project cost) \$911 Total Project Cost \$9,109 NDDOT Central Office Only Project Accepted?	Describe P	Propose	ed Saf	ety Impro	Inters	Severe Crashes Radius ADT ection on Curve Visual Trap	> 0 500 to 1200 250 to 650 Yes Yes Description	Type Proactive	Curves are see - 3 or more *s - x in Proximit) - x in High Pric	ected for project or Existing Clarity Segment	ect if: hevron column + Critical Radius co	Total cost \$6,600	_		
Segment ID: 12.03	Describe F	Propose	ed Saf	-	Inters	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque	Type Proactive Proactive Proactive	Curves are set - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p	elected for projection of Existing Clarity Segment -	ect if: hevron column + Critical Radius or Quantity 2 0 2	Total cost \$6,600 \$0 \$1,600	_		
Federal Funds \$8,198 Local Match (10% of Total project cost) \$911 Total Project Cost \$9,109 NDDOT Central Office Only Project Accepted? Yes No Reference Number ID Number Notes Page: 10 Segment ID: 12.03	Describe P	Propose	ed Saf	-	Inters	Severe Crashes Radius ADT section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles	Total cost \$6,600 \$0 \$1,600 \$909	-		
Local Match (10% of Total project cost) \$911 Total Project Cost \$9,109 NDDOT Central Office Only Project Accepted?				Advand -	Inters Diverments December of the second o	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0	-		
Total Project Cost \$9,109 NDDOT Central Office Only Project Accepted? Yes No Reference Number ID Number Notes Page: 10 Segment ID: 12.03				Advand -	Inters Diverments December of the second o	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0	- 		
NDDOT Central Office Only Project Accepted?				Advand -	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip lider Paving	Type Proactive Proactive Proactive Proactive Proactive **8,198**	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0	- 		
Project Accepted? Yes No Reference Number ID Number Notes Page: 10 Segment ID: 12.03				Advand -	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving	Type Proactive Proactive Proactive Proactive **8,198** \$911	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0	- 		
Notes Page: 10 Segment ID: 12.03	Project Co.	st Estil	mate (i	Advand - attach de	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving	Type Proactive Proactive Proactive Proactive **8,198** \$911	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0	- -		
Segment ID: 12.03	Project Co.	st Estil	mate (i	Advand - attach de	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip lider Paving deral Funds project cost) Dject Cost	Type Proactive Proactive Proactive Proactive Proactive \$8,198 \$911 \$9,109	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0 \$9,109 ear of Construct	- Sion		
Segment ID: 12.03	Project Co. NDDOT Ce Project Accep	st Estil	mate (i	Advand - attach de	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip lider Paving deral Funds project cost) Dject Cost	Type Proactive Proactive Proactive Proactive Proactive \$8,198 \$911 \$9,109	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0 \$9,109 ear of Construct	- - cion		
Segment ID: 12.03	Project Co. NDDOT Ce Project Accep	st Estil	mate (i	Advand - attach de	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip lider Paving deral Funds project cost) Dject Cost	Type Proactive Proactive Proactive Proactive Proactive \$8,198 \$911 \$9,109	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0 \$9,109 ear of Construct	- - iion		
	Project Co. NDDOT Ce Project Accep	st Estil	mate (i	Advand - attach de	Inters overnents ce Warning S etailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	> 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip lider Paving deral Funds project cost) Dject Cost	Type Proactive Proactive Proactive Proactive Proactive \$8,198 \$911 \$9,109	Curves are set - 3 or more *s - 3 in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p \$3,000 p	elected for projects of or Existing Cl ority Segment -	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$909 \$0 \$9,109 ear of Construct		Page	10

HIGHWAY : North Dakota E					PROGRAM gramming	I (HSIP) I	PROJEC	CT APPLIC	CATION					
SFN 59959 (06-2			Age Cont	ncy Name:		ry n		n US H	wy 83 to 1		of 13th St ND DOT District ephone Number		0	
			(s). You ma	y use additio	nal sheets to furt			ct.						
Location Des	scrip	tion (Corridor	Containing	g Curves)					T	SHSP Emphas	sis Area (check al	I that apply)	
Start: 1 End: 1 Facility Type: 2 ADT: 5 Road Type: F County Road: V	I mile 6 2-Lane 548 Rural F	east of	f 13th St		Show Show Show Len	Lane Width: Speed Limit: ulder Width: bulder Type: ngth (miles): ble Installed:	High 2' Composite 2.1				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ad Enhancing Emerger Improve Intersection	paired Driving Safety Restraints er Driver Safety iving Idress Lane Depa ncy Medical Capal	for all Occupant	
Describe Cu	rrent	Safe	ty Issues	& System	ic Ranking R	Review								
	K		Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
014F 014G 014H 014I	0 0 0	1 0 0 0	180 300 1400 1200	548 548 548 548	No No No No	Yes No No No	*** * *	YES YES No No	Yes Yes Yes Yes	- Chevron Chevron	: :	Inside/Outside Inside/Outside Inside/Outside Inside/Outside	0 0 - -	Inspect Curve 35 -
*Curve numberir Ranking Crit	-	conse	cutive, as s		Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are s - 3 or more ★ - x in Proximi	elected for proje rs ty or Existing Ch					
Describe Pro	nnec	nd S2	foty Imp	ovomonte										
<u> Describe i la</u>	<i>,</i>	<u>, u oa</u>			Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive Proactive	\$500 \$800 \$3,000	per curve per curve per mile per mile	Quantity 2 0 0 8 miles .0 miles	Total cost \$6,600 \$0 \$0 \$2,273 \$0 \$8,873	-		
Project Cost	Estir	nate	(attach d	etailed cop	oy)					Proposed Y	ear of Construct	ion		
		-		Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$887							
NDDOT Cent										•				
Project Accepted Notes	d?		Yes	No		Reference	e Number				ID Number			
													Page: Segment ID: Date:	

HIGHWAY S	SAFF	TV	IMPRO\	/FMFNT	PROGRAM	(HSIP)	PROJEC	T APPLI	CATION					
North Dakota D SFN 59959 (06-2	epartn					i (i ioii) i	I KOJE) All Li	OATION					
			Conta Email	act Name: Address:	Ward Count Dana Larser dana.larsen	y n @wardnd	.com		/ard 14A t		Ve Ave ND DOT District ephone Number		0	
Please attach a lo						ther describe	e your proje	ct.						
Start: V End: 7 Facility Type: 2- ADT: 4(Road Type: R County Road: W	Vard 14 '2nd AV -Lane 08 tural Pa	A /e Ave		Some	I Sho Sho Ler	Lane Width: Speed Limit: ulder Width: bulder Type: ngth (miles): ble Installed:	Low 2' Paved 2.2				SHSP Empha Reduce Alcohol Imp Increase the Use of Younger Driver/Old Curb Aggressive Dr Improvements to Ad Enhancing Emergei Improve Intersection	Safety Restraints er Driver Safety riving ddress Lane Depa ncy Medical Capa	for all Occupant	
Describe Cur				& System	ic Ranking R									
North Dakota Cra Curve ID	ssnes, 2		Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
	0 C		150 480	408 408	Yes Yes	No No	** **	No No	- Yes	Chevron		- Inside/Outside	- X	- 35
	0 0		920	408	No	No	**	YES	-	-	-	-	-	-
	0 0		550 600	408 408	No No	No No	** **	YES YES	-	-	-	-	-	-
*Curve numbering Ranking Crites Describe Pro	eria	_		Inters	Severe Crashes Radius	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are s - 3 or more > - x in Proxim	selected for proje ♦s ity or Existing Ch					
			-			Description		Unit Cost		Quantity	Total cost	_		
			Advan	ce Warning S	Sign/Speed Advi: Shoulder R	Board Only	Proactive Proactive	\$500 \$800 \$3,000	per curve per curve per curve per mile per mile	1 0 1 .2 miles .0 miles	\$3,300 \$0 \$800 \$455 <u>\$0</u> \$4,555	_		
Project Cost	Estim	ate (attach de	etailed cop	oy)					Proposed Y	ear of Construct	tion		
		_		Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$455							
NDDOT Centr										•	I.=			
Project Accepted Notes	?		Yes	No		Reference	e Number				ID Number			
													Page: Segment ID: Date:	

HIGHWA'	Y SA	FET	/ IMPRO\	/EMENT	PROGRAM	(HSIP) I	PROJEC	T APPLIC	CATION					
North Dakot SFN 59959 (0			nt of Transpo	rtation Prog										
			Conta	act Name:	Curves o Ward Count Dana Larser dana.larser	y 1		m Ward	10 to 1 m		of 86th St ND DOT District ephone Number		0	
			p(s). You may	y use addition	nal sheets to furt			ot.						
Location D	escri)	ption	(Corridor (Containing	g Curves)					1	SHSD Empha	sis Area (check all	I that apply)	
End Facility Type	: 2-Lar : 520 : Rura	e South ne I Paved	n of 86th St		Shor Shor Ler	Lane Width: Speed Limit: ulder Width: bulder Type: ngth (miles): ble Installed:	High 2' Paved 2.2				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ac Enhancing Emerger Improve Intersection	paired Driving Safety Restraints er Driver Safety iving Idress Lane Depa	for all Occupant	
				& System	ic Ranking R	eview								
North Dakota					Intersection	Visual	years Risk	Oil County	Project	Sign Improvement	Shoulder Paving	Shoulder Rumble Strip	Advance Horizontal Alignment	Advisory
Curve ID 015A	0 0	0 0	Radius (ft) 3400	ADT 520	on Curve No	Trap No	Ranking ★	Project No	Suggested Yes	Project Chevron	Project -	Project Inside/Outside	Warning Sign	Speed Plaque
015B	0	0	2300	520	No	No	*	No	-	-	-	-	-	-
015C	0	0	2300	520	No	No	*	No	-	-	-	-	-	-
015D 015E	0	0	3000 1650	520 520	No No	No No	* *	No YES	Yes	-	-	Inside/Outside	. <u>.</u>	-
015F	0	0	800	520	Yes	Yes	****	YES	Yes	-	-	Inside/Outside	0	45
015G	0	0	900	520	Yes	Yes	****	YES	Yes	-	-	Inside/Outside	0	50
*Curve numb Ranking C	_		ecutive, as so	•	Severe Crashes Radius ADT ection on Curve	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more ★ - x in Proximit	elected for proje s by or Existing Ch					
					Visual Trap	Yes								
Describe F	Propo	sed S	afety Impro	ovements										
			Advan	ce Warning S	Sign/Speed Advi: Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 0 .6 miles .0 miles	Total cost \$3,300 \$0 \$1,818 \$0 \$5,118	_		
Project Co	st Es	timate	e (attach de	etailed co	oy)					Proposed Y	ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) oject Cost	\$512							
NDDOT Ce	ntral	Office	e Only											
Project Accep		3.710	Yes	No		Reference	Number				ID Number	T		
Notes														
													Page: Segment ID: Date:	

LUCLINAVA	V 0 A	T	V IMPRO	/ENACNIT	DDOODAM	(HOID)		T ADDI 1	CATION					
North Dakot SFN 59959 (0	a Depa	artmei			PROGRAM gramming	i (HSIP) i	PROJEC	JI APPLI	CATION					
					Cu	rves or	n Ward	17 from	Ward 14	to US Hv	•			
			_	-	Ward Count	-					ND DOT District			
					Dana Larser dana.larsen		com			iei	ephone Number	: 701-838-281	,	
Please attach	a loca	tion ma			nal sheets to furt	_		ct.						
Location D)escri	ption	(Corridor	Containing	g Curves)					T	SUSD Empha	sis Area (check al	that apply)	
	t: War				ı	Lane Width:	12'				Reduce Alcohol Imp		патарріу)	
End Facility Type	l: US l	,				Speed Limit: ulder Width:					Increase the Use of Younger Driver/Olde		for all Occupant	S
ADT	: 315				Sho	oulder Type:	Paved				Curb Aggressive Dr	iving		
Road Type County Road			d			ngth (miles): ble Installed:					Improvements to Ad Enhancing Emerger			e Survivability
											Improve Intersection			,
Describe C	Currei	nt Sai	fetv Issues	& Svstem	ic Ranking R	eview								
North Dakota	Crashe	es, 200	08 - 2012		J		years							
										Sign		Shoulder	Advance Horizontal	
Curve ID	K	Α	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Risk Ranking	Oil County	Project Suggested	Improvement	Shoulder Paving Project	Rumble Strip Project	Alignment Warning Sign	Advisory Speed Plaque
017A	0	0	1000	315	No	No	**	Project YES	-	Project -	-	-		-
017B 017C	0	0	1150 530	315 315	No No	No No	** **	No YES	-	-	-	-	-	-
017D	0	0	200	315	Yes	Yes	***	YES	Yes	-	-	Inside/Outside	0	Inspect Curve
017E 017F	0	0	810 60	315 315	Yes Yes	No Yes	*** ***	YES No	Yes Yes	Chevron	- -	Inside/Outside Inside/Outside	0 x	45 Inspect Curve
017G	0	0	600	315	No	No No	**	No	-	-	-	-	-	
017H 017I	0	0	230 50	315 315	Yes Yes	No No	** **	No No	-	-	-	-	-	-
*Curve numbo Ranking C			secutive, as so	,	Severe Crashes Radius ADT ection on Curve	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are serence - 3 or more ★	elected for projects ty or Existing Ch					
			-		Visual Trap	Yes								
Describe F	Propo	sed S	Safety Impr	ovements										
						Description	Type Proactive		per curve	Quantity 1	Total cost \$3,300	_		
						Board Only	Proactive	\$500	per curve	0	\$0			
			Advan	ce Warning S	Sign/Speed Advi: Shoulder R	sory Plaque tumble Strip			per curve per mile	1 .5 miles	\$800 \$1,364			
			,			ılder Paving		\$37,000		.0 miles	\$0	_		
Project Co	st Es	timat	e (attach d	etailed cou	ov)					Proposed Y	\$5,464 ear of Construct	ion		
,						danal Essada	£4.047							
				Local Matc	re h (10% of Total p	deral Funds project cost)		_						
					Total Pro	oject Cost	\$5,464							
NDDOT Ce	entral	Offic	e Only											
Project Accep			Yes	No		Reference	e Number				ID Number			
Notes														
													Page: Segment ID: Date:	
													2410.	

HIGHWAY	SA	FET	/ IMPRO\	/EMENT	PROGRAM	(HSIP)	PROJEC	CT APPLIC	CATION					
North Dakota SFN 59959 (06	Depa	ırtmer				(
			Conta Email	act Name: Address:	Ward County Dana Larsen dana.larsen(y n @wardnd	.com		US Hwy		I 15 ND DOT District ephone Number)	
Please attach a Location De					nal sheets to furti a Curves)	her describe	your proje	ct.						
Start: End: Facility Type: ADT: Road Type: County Road:	US F Ward 2-Lan 1575 Rural	lwy 2 d 15 le Paved			L S Shou Sho Len	ane Width: speed Limit: ulder Width: ulder Type: gth (miles): le Installed:	High 4' Paved 1.3				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depar ncy Medical Capab	for all Occupant	
				& System	ic Ranking R									
North Dakota C Curve ID	crashe K	s, 200 A	8 - 2012 Radius (ft)	ADT	Intersection on Curve	5 Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
017J 017K 017L 017M 017N 017O	0 0 0 0 0	0 0 0 0 0	800 550 800 450 420 380	1575 1575 1575 1575 1575 1575	No No No No Yes Yes	No No No No No No	* * * *	YES YES YES YES YES YES	Yes Yes Yes Yes Yes Yes	- - - - -	- - - - -	Inside/Outside Inside/Outside Inside/Outside Inside/Outside Inside/Outside Inside/Outside	0 0 0 0 0	45 40 45 35 35 35
*Curve number Ranking Cri	_		ecutive, as so	ome curves n	nay have been re	emoved from	n further and	alysis because	e a large radius,	located on a grav	vel road, etc			
					Severe Crashes Radius	> 0 500 to 1200 250 to 650 Yes Yes		- 3 or more ★ - x in Proximit	ty or Existing Ch		olumn			
Describe Pr	ороз	sed S	afety Impr	ovements										
			Advan -	ce Warning S	Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 0 0 0 0 .9 miles .0 miles	Total cost \$0 \$0 \$0 \$0 \$2,727 \$0	-		
Project Cos	t Est	imate	e (attach de	etailed co	by)					Proposed Y	\$2,727 ear of Construct	ion		
				Local Matc	h (10% of Total p	deral Funds project cost) Dject Cost	\$273							
NDDOT Cert Project Accepte		Office	Only	□No	1	Reference	Number	I			ID Number	1		
Notes	au r		<u> </u>	∟ NO		Relefence	5 INUITIDEL	l			ואטווטפו עון			
													Page: Segment ID: Date:	

North Dakota SFN 59959 (06			nt of Transpo	ortation Pro										
Places attach	a locat	ion ma	Cont Emai	act Name: I Address:	Ward County Dana Larser dana.larsen	y n @wardnd	.com		ate Route		Hwy 53 ND DOT District ephone Number		0	
Location De					nal sheets to furt	ner describe	your projec	UL.						
	US F 2-Lan 362 Rural	Paved	3		Shou Shou Len	ane Width: Speed Limit: ulder Width: bulder Type: gth (miles): le Installed:	High 2' Paved 7.7				SHSP Empha Reduce Alcohol Imp Increase the Use of Younger Driver/Old Curb Aggressive Dr Improvements to Ad Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depa ncy Medical Capal	for all Occupant	
				& System	ic Ranking R									
North Dakota C	K	Α	Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Oil County Project	Project Suggested	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
023C 023D	0 0	0 0	3000 3200	362 362	No No	No No	* *	No No	-	-	- -	-	-	-
023E	0	0	2500	362	Yes	No	**	No	-	-	-	-	-	-
023F 023G	0	0	1600 1300	362 362	No No	No Yes	* **	No YES	-	-	-	-	-	-
023H	0	0	420	362	Yes	No	**	No	Yes	Chevron	-	Inside/Outside	Х	35
Ranking Cr	iteria	ı		Inters	Severe Crashes Radius ADT section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes Yes		Curves are s - 3 or more ★ - x in Proximi	elected for projers ty or Existing Ch					
Describe Pi	ropos	sed S	Safety Impr	<u>rovements</u>										
			Advar	nce Warning	Arrow Sign/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 1 0 1 .2 miles .0 miles	Total cost \$3,300 \$0 \$800 \$455 \$0 \$4,555	-		
Project Cos	st Est	timate	e (attach d	etailed co	py)					Proposed Y	ear of Construct	ion		
				Local Mato	h (10% of Total p	deral Funds project cost) pject Cost	\$455							
NDDOT Cer Project Accept		Offic	e Only	No		Reference	Number				ID Number			
Notes	ou r		I □ TeS	INO		Keieleilü	Number	1			in indiling!	ı		
													Page: Segment ID: Date:	

					Curves o	n No d	esigna	tion from	State R	oute 22 to	Ward 22			
			_	•	Ward Count	-					ND DOT District			
					Dana Larser dana.larsen		.com			1 616	ephone Number	: 701-838-2810)	
			p(s). You ma	y use additio	nal sheets to furt	_		ct.						
Location De	scrip	tion	(Corridor	Containin	g Curves)					T	SHSP Emphas	sis Area (check all	that apply)	
Start:			22			Lane Width:					Reduce Alcohol Imp	paired Driving	,	_
Facility Type:						Speed Limit: ulder Width:					Increase the Use of Younger Driver/Olde	er Driver Safety	for all Occupants	5
ADT: Road Type:		Paved	I			oulder Type: ngth (miles):					Curb Aggressive Dr Improvements to Ad		ture Crashes	
County Road:						ole Installed:					Enhancing Emerger	ncy Medical Capab		e Survivability
											Improve Intersection	1 Salety		
Describe Cu North Dakota C				& System	ic Ranking R		years							
		,					,			Cian		Shoulder	Advance Horizontal	
					Intersection	Visual	Risk	Oil County	Project	Sign Improvement	Shoulder Paving	Rumble Strip	Alignment	Advisory
Curve ID 501A	0 0	A 0	Radius (ft) 860	ADT 85	on Curve Yes	Trap No	Ranking ★★	Project YES	Suggested Yes	Project -	Project -	Project Inside/Outside	Warning Sign x	Speed Plaque 45
501B	0	0	760	85	Yes	Yes	***	YES	Yes	-	-	Inside/Outside	0	45
*Curve numberi Ranking Cri		cons	ecutive, as so	ome curves n	may have been re	emoved from	n further an			located on a grav	el road, etc			
		cons	ecutive, as so			emoved from Criteria > 0	n further and	Curves are se	lected for proje		el road, etc			
		: cons	ecutive, as so		Severe Crashes Radius	Criteria > 0 500 to 1200		Curves are se - 3 or more *s - x in Proximity	lected for projes s y or Existing Cl	ect if:				
		cons	ecutive, as so		Severe Crashes Radius ADT section on Curve	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more *s - x in Proximity	lected for projes s y or Existing Cl	ect if:				
		: cons	ecutive, as so		Severe Crashes Radius ADT	Criteria > 0 500 to 1200 250 to 650		Curves are se - 3 or more *s - x in Proximity	lected for projes s y or Existing Cl	ect if:				
	teria			Inters	Severe Crashes Radius ADT Section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes		Curves are se - 3 or more *s - x in Proximity	lected for projes s y or Existing Cl	ect if:				
Ranking Cri	teria			Inters	Severe Crashes Radius ADT section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description	Туре	Curves are se - 3 or more *s - x in Proximity - x in High Prio	lected for proje s y or Existing Cl prity Segment	ect if: nevron column Critical Radius of	olumn Total cost			
Ranking Cri	teria			Inters	Severe Crashes Radius ADT section on Curve Visual Trap	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description	Type Proactive	Curves are se - 3 or more ★s - x in Proximity - x in High Prio	lected for projes s y or Existing Cl	ect if: nevron column - Critical Radius c	olumn			
Ranking Cri	teria		afety Impr	Inters ovements	Severe Crashes Radius ADT section on Curve Visual Trap Arrow Sign/Speed Advis	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque	Type Proactive Proactive Proactive	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 p \$500 p \$800 p	lected for projets s y or Existing Cl prity Segment	ect if: nevron column Critical Radius or Quantity 0 0 1	Total cost \$0 \$0 \$80			
Ranking Cri	teria		afety Impr	Inters ovements	Severe Crashes Radius ADT section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only	Type Proactive Proactive Proactive Proactive	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 p \$500 p	per curve per curve per curve per curve per curve per curve per curve per curve per mile	ect if: nevron column F Critical Radius co	Total cost \$0 \$0 \$0 \$80 \$800 \$455 \$0	-		
Ranking Cri	opos	ed S	afety Impr Advan	Inters Overnents ce Warning S	Severe Crashes Radius ADT section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive Proactive	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	per curve per curve per curve per curve per curve per curve per curve per curve per mile	Quantity 0 0 1 2 miles 0 miles	Total cost \$0 \$0 \$0 \$800 \$4455 \$0 \$1,255			
Ranking Cri	opos	ed S	afety Impr Advan	Inters Overnents ce Warning S	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving	Type Proactive Proactive Proactive Proactive	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles 0 miles	Total cost \$0 \$0 \$0 \$80 \$800 \$455 \$0	 tion		
Ranking Cri	opos	ed S	afety Impr Advan	ovements ce Warning S	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip tumble Training deral Funds project cost)	Type Proactive Proactive Proactive Proactive \$1,129 \$125	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles 0 miles	Total cost \$0 \$0 \$0 \$800 \$4455 \$0 \$1,255	- tion		
Ranking Cri	opos	ed S	afety Impr Advan	ovements ce Warning S	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ulder Paving	Type Proactive Proactive Proactive Proactive \$1,129 \$125	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles 0 miles	Total cost \$0 \$0 \$0 \$800 \$4455 \$0 \$1,255	- tion		
Project Cos	oposo	ed S	Advan	Inters ovements ce Warning s etailed cop	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$11,129 \$125 \$1,255	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles .0 miles	Total cost \$0 \$0 \$800 \$455 \$0 \$1,255 ear of Construct	tion		
Project Cos NDDOT Cen Project Accepted	oposo	ed S	Advan	ovements ce Warning S	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip tumble Training deral Funds project cost)	Type Proactive Proactive Proactive Proactive \$11,129 \$125 \$1,255	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles .0 miles	Total cost \$0 \$0 \$0 \$800 \$4455 \$0 \$1,255	 tion		
Project Cos	oposo	ed S	Advan	Inters ovements ce Warning s etailed cop	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$11,129 \$125 \$1,255	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles .0 miles	Total cost \$0 \$0 \$800 \$455 \$0 \$1,255 ear of Construct	tion		
Project Cos NDDOT Cen Project Accepted	oposo	ed S	Advan	Inters ovements ce Warning s etailed cop	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$11,129 \$125 \$1,255	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles .0 miles	Total cost \$0 \$0 \$800 \$455 \$0 \$1,255 ear of Construct	tion		
Project Cos NDDOT Cen Project Accepted	oposo	ed S	Advan	Inters ovements ce Warning s etailed cop	Severe Crashes Radius ADT Section on Curve Visual Trap Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 250 to 650 Yes Yes Description Chevrons Board Only sory Plaque tumble Strip ilder Paving deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$11,129 \$125 \$1,255	Curves are se - 3 or more *s - x in Proximity - x in High Price Unit Cost \$3,300 g \$500 g \$800 g \$3,000 g	lected for projects sy or Existing Clority Segment -	Quantity 0 0 1 2 miles .0 miles	Total cost \$0 \$0 \$800 \$455 \$0 \$1,255 ear of Construct	tion	Page: Segment ID:	