# Walsh County

The total project cost suggested for Walsh County is \$409,770. The project cost breakout for intersection, roadway segment, and curve projects are listed in Table 4-8. High-priority locations that received a project are shown in Figure 4-12. These locations are described in further detail in Appendix 4E along with priority rankings and suggested project sheets.

TABLE 4-8
Walsh County Project Costs

Project Type	Cost					
Intersections	\$305,500					
Roadway Segments	\$31,170					
Curves	\$73,100					
Total	\$409,770					

One intersection is suggested for geometric review during the next capital improvement project (Table 4-9). These locations are where two gravel roads intersect and where no low-cost treatment would greatly reduce the risk other than a realignment of the roadway, which is not cost effective for the LRSP or HSIP process.

**TABLE 4-9**Walsh County Capital Improvement Project Consideration

Intersection ID	Intersection Description
8.02	67th Street NE and 142nd Avenue NE (Walsh 8)

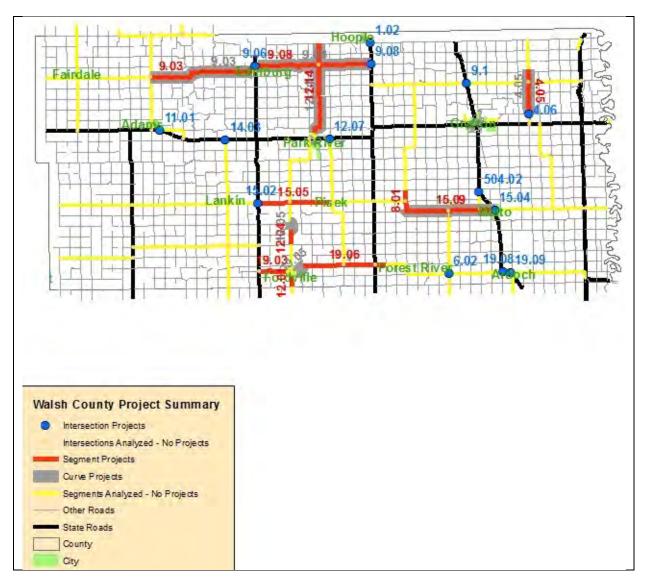


FIGURE 4-12 Walsh County Projects Location Map

23 USC 409 NDDOT Reserves All Objections

Walsh County

#### Walsh County Rural Segment Projects

Page	Corridor ID	Route#	Start	End	Length	Risk Ranking	4" Edge Line	6" Edge Lines	Project Cost (\$)
1	19.06	Walsh 19	Curve from 56th Street (approx. 4.5 miles east of ND 32)	Intersection with ND 18	7.8	***	7.8	0.0	\$3,120.00
2	15.09	Walsh 15	Curve from 142nd Avenue	Intersection with US 81	8.6	***	0.0	8.6	\$5,590.00
3	9.03	Walsh 9	Intersection with 119th Avenue	Edinburg west city limit (intersection with 5th Street)	10.0	****	10.0	0.0	\$4,000.00
4	12.14	Walsh 12	Park River north city limit (5-leg intersection)	Walsh / Pembina County Line	8.8	***	0.0	8.8	\$5,720.00
5	15.05	Walsh 15	Intersection with ND 32	Pisek west city limit (intersection with Sunset Avenue)	6.7	***	6.7	0.0	\$2,680.00
6	12.04	Walsh 12B	Begin gravel section	End gravel section	1.4	***	1.4	0.0	\$560.00
7	19.03	Walsh 19	Intersection with ND 32	Fordville west city limit	2.5	***	0.0	2.5	\$1,625.00
8	9.08	Walsh 9	Intersection with SH 32	Intersection with SH 18	11.1	***	11.1	0.0	\$4,440.00
9	12.01	Walsh 12B	Walsh/Grand Forks County Line	Fordville south city limit (intersection with 55th Street that tees in from east)	1.0	***	1.0	0.0	\$400.00
10	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	4.5	***	4.5	0.0	\$1,800.00
11	8.01	Walsh 8	Begin tangent section after curve from 62nd Street	End pavement / begin gravel	1.9	***	0.0	1.9	\$1,235.00
							42.5	21.8	\$31 170 00

#### Walsh County Rural Segment Listing

Project	ionty Segmei	nts Project Sn	eet Page Number			Lane		Lane		0 (0	E In a Bird
Sheet Page*	Corridor	Route	Start	End	Length (miles)	Departure Crashes	ADT	Departure Density	Access Density	Curves w/ Critical Radius / Mile	Edge Risk Assesment
Page	1.01	Walsh 1A	Hoople east city limit (approx 400 feet east of intersection with Dale Avenue)	Intersection with ND 18	0.4	0	515	0.00	23.3	0.00	0.00
	1.02	Walsh 1B	Hoople east city limit (approx 100 ledt east of meroector with Sale 7 verse)	Intersection with ND 18	0.5	0	390	0.00	7.9	0.00	0.00
	4.02	Walsh 4	Begin tangent section after curve from 155th Avenue	Begin curve into 156th Avenue	0.8	0	85	0.00	4.7	0.00	0.00
	4.03	Walsh 4	Begin curve from 66th Street	Intersection with ND 17	3.0	0	85	0.00	4.3	0.00	0.00
10	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	4.5	0	281	0.00	12.7	1.11	1.00
	4.06	Walsh 4	End pavement / begin gravel	Walsh / Pembina County Line	2.8	0	290	0.00	8.6	0.00	0.00
	6.01	Walsh 6	Walsh / Nelson County Line	Intersection with 55th Street	1.0	0	500	0.00	8.0	0.00	1.00
11	8.01	Walsh 8	Begin tangent section after curve from 62nd Street	End pavement / begin gravel	1.9	1	275	0.11	10.2	0.00	1.00
	8.02	Walsh 8	End pavement / begin gravel	Curve into 67th Street	4.0	0	120	0.00	9.9	0.00	1.00
	9.02	Walsh 9	Intersection with 112th Avenue	Intersection with 119th Avenue	7.0	0	290	0.00	5.7	0.00	2.00
3	9.03	Walsh 9	Intersection with 119th Avenue	Edinburg west city limit (intersection with 5th Street	10.0	2	440	0.04	6.6	0.20	2.00
8	9.08	Walsh 9	Intersection with SH 32	Intersection with SH 18	11.1	4	353	0.07	6.7	0.27	1.00
	9.09	Walsh 9	Intersection with ND 18	Intersection with US 81	9.0	1	391	0.02	6.2	0.00	1.00
	9.1	Walsh 9	Intersection with US 81	Intersection with 155th Avenue	5.8	4	218	0.14	6.2	0.00	1.00
	9.11	Walsh 9	Intersection with 155th Avenue	Intersection with SB IH 29 Ramps	4.9	0	240	0.00	6.7	0.00	2.00
	9.12	Walsh 9	Intersection with SB IH 29 Ramps	Intersection with NB IH 29 Ramps	0.1	0	90	0.00	13.2	0.00	0.00
	11.01		Adams east city limit (could be driveway on north side, approximately 760 feet north of ND 17)	Intersection with ND 17	0.1	0	350	0.00	14.7	0.00	1.00
9	12.01		Walsh/Grand Forks County Line	Fordville south city limit (intersection with 55th Street that tees in from east)	1.0	1	340	0.20	11.0	0.00	1.00
	12.03		Fordville north city limit (intersection with 56th Street)	Begin gravel section	2.0	0	260	0.00	7.0	0.00	1.00
6	12.04		Begin gravel section	End gravel section	1.4	1	260	0.15	6.6	0.00	2.00
	12.05		End gravel section	Begin gravel section	0.9	1	120	0.21	5.3	4.22	1.00
	12.06		Begin gravel section	Curve into 66th Street	5.9	0	132	0.00	4.1	0.00	2.00
	12.07		Curve from 131st Avenue	Curve into 134th Avenue	1.9	1	240	0.10	3.1	0.00	0.00
	12.08	Walsh 12B		Park River south city limit (intersection with 67th Street)	1.3	0	195	0.00	8.0	0.00	0.00
	12.1		Intersection with 8th Street	Intersection with ND 17 / Park Street	0.1	1	700	2.01	20.1	0.00	0.00
4	12.14	Walsh 12	Park River north city limit (5-leg intersection)	Walsh / Pembina County Line	8.8	0	426	0.00	7.3	0.23	2.00
	12.15		Intersection with 55th Street	Curve into 61st Street	5.0	3	320	0.12	5.2	0.00	1.00
	12.16	Walsh 12A	Curve from 136th Street	Curve into 135th Avenue	0.8	0	320	0.00	6.4	0.00	0.00
	12.17	Walsh 12A		End gravel section	0.4	1	320	0.51	5.1	0.00	0.00
	14.01	Walsh 14	Walsh / Nelson County Line	Intersection with 62nd Street	8.0	0	305	0.00	7.1	0.00	1.00
	15.01		Walsh / Ramsey County Line	Intersection with ND 35	7.0	0	305	0.00	6.6	0.00	1.00
	15.02	Walsh 15		Intersection with 125th Avenue	8.0	1	387	0.03	7.6	0.00	1.00
	15.03	Walsh 15	Intersection with 125th Avenue	Lankin east city limit (next driveway after Prospect Street intersection)	1.5	0	478	0.00	12.6	0.00	1.00
5	15.05	Walsh 15	Intersection with ND 32	Pisek west city limit (intersection with Sunset Avenue)	6.7	3	370	0.09	7.4	0.00	2.00
2	15.09	Walsh 15	Curve from 142nd Avenue	Intersection with US 81	8.6	4	611	0.09	6.5	0.12	2.00
	15.11	Walsh 15	Intersection with US 81	Minto east city limit (intersection with 151st Avenue)	0.4	0	410	0.00	15.6	0.00	1.00
	15.12	Walsh 15	Minto east city limit (intersection with 151st Avenue)	Intersection with SB IH 29 Ramps	7.9	12	473	0.30	6.4	0.00	1.00
	15.13	Walsh 15	Intersection with SB IH 29 Ramps	Intersection with NB IH 29 Ramps	0.2	0	345	0.00	12.2	0.00	1.00
	15.14	Walsh 15	Intersection with NB IH 29 Ramps	Intersection with 158th Drive	0.1	0	80	0.00	28.4	0.00	1.00
	16.03	Walsh 16	Intersection with 74th Street	Walsh/Cavalier County Line	4.0	2	110	0.10	3.8	0.00	1.00
	19.01	Walsh 19	Walsh / Ramsey County Line	Intersection with ND 35	7.0	0	303	0.00	7.6	0.00	0.00
	19.02	Walsh 19	Intersection with ND 35	Intersection with ND 32	12.0	0	393	0.00	5.0	0.00	0.00
7	19.03	Walsh 19	Intersection with ND 32	Fordville west city limit	2.5	1	410	0.08	7.1	1.19	1.00
	19.04	Walsh 19	Fordville west city limit	Fordville east city limit	1.0	0	380	0.00	37.6	0.00	1.00
	19.05	Walsh 19		End of second horizontal curve	1.0	0	250	0.00	6.2	2.05	1.00
1	19.06	Walsh 19	Curve from 56th Street (approx. 4.5 miles east of ND 32)	Intersection with ND 18	7.8	3	390	0.08	4.8	0.00	3.00
	22.03	Walsh 22	Intersection with 75th Street	Walsh/Cavalier County Line	3.4	0	350	0.00	8.6	0.00	1.00
	503.01	No designatio	n Intersection with 69th Place (west of Grafton)	End of north/south segment	1.5	0	160	0.00	2.7	0.00	0.00
	504.01	No designatio	n Intersection with Westwood Drive (west of Grafton	Intersection with School Road	2.2	0	160	0.00	6.2	0.00	1.00
			•		187.2	47					

Edge Risk Legend

Risky' - NEITHER shoulder or good clear zone
 Either a shoulder OR good clear zone
 BOTH shoulder and a good clear zone

Critical ADT Range - Lane Departure 150 500

		Lane	Critical Radius
	Access	Departure	Curves
Total	2580	47	10
Total Mileage	187.2	187.2	187.2
Years		5	
erage Density (Total/Mile)	13.8	0.05	0.05

#### Walsh County Rural Segment Prioritization - Lane Departure Priority

1 9.03 2 19.06 3 15.09 4 12.14 5 15.06 6 12.04 7 12.01 12.01 12.01 10.	Walsh 9 Walsh 19 Walsh 15 Walsh 15 Walsh 12B Walsh 12B Walsh 12B Walsh 12B Walsh 19 Walsh 9 Walsh 9 Walsh 15 Walsh 9 Walsh 15	Intersection with 119th Avenue Curve from 142nd Avenue Park River north city limit (5-leg intersection) Intersection with ND 32 Begin gravel section Intersection with ND 32 Intersection with ND 32 Intersection with ND 32 Intersection with NB 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 112th Avenue Intersection with 112th Avenue Intersection with 125th Avenue Minto east city limit (intersection with 151st Avenue) Intersection with 125th Avenue Intersection with 125th Avenue Intersection with 125th Intersection with 151st Avenue) Intersection with US 81	Edinburg west city limit (intersection with 5th Street) Intersection with ND 18 Intersection with US 81 Walsh / Pembina County Line Pisek west foly limit (intersection with Sunset Avenue) End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin gravel End pavement / begin gravel Intersection with 19th Avenue Intersection with 19th Avenue Intersection with 9th 12 Ramps Lankin east city limit (med triveway after Prospect Street intersection)	10.0 7.8 8.6 8.8 6.7 1.4 2.5 11.1 1.0 4.5 1.9 7.0	440 390 611 426 370 260 410 353 340 281 275	* * * * * * * * * * * * * * * * * * * *	Density  *  *  *  *  *  *  *  *  *  *  *  *  *	Density *	*  *  *  *  *  *  *  *  *  *  *  *  *	Risk  *  *  *  *  *  *  *	*** *** *** *** *** ***	Edge Risk  2 3 2 2 2 2 1 1 1 1	440 390 611 426 370 260 410 353 340 281
2 19.06 3 15.09 4 12.14 5 15.06 6 12.04 7 19.03 8 9.08 9 12.01 10 4.05 112 9.02 13 9.11 15 15.03 14 15.12 15 15.11 16 19.04 18 22.09 10 12.15 11 19.05 12 19.05 13 15.13 15 15.11 16 19.04 17 11.01 18 22.09 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 19 Walsh 15 Walsh 12 Walsh 15 Walsh 12B Walsh 12B Walsh 19 Walsh 18 Walsh 12B Walsh 12B Walsh 15 Walsh 5 Walsh 15 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Curve from 56th Street (approx. 4.5 miles east of ND 32) Curve from 142nd Avenue Park River north city limit (5-lag intersection) Intersection with ND 32 Begin gravel section Intersection with ND 32 Intersection with ND 32 Intersection with SH 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue	Intersection with ND 18 Intersection with US 81 Walsh / Pembina County Line Pisek west city limit (intersection with Sunset Avenue) End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave Intersection with SH 19 Intersection with SH 19 Intersection with SB H 29 Ramps	7.8 8.6 8.8 6.7 1.4 2.5 11.1 1.0 4.5 1.9	390 611 426 370 260 410 353 340 281 275	*  *  *  *  *  *  *  *  *  *  *  *	* * * * * * * * * * *		* * *	* * * * *	***  ***  ***  ***  ***  ***	3 2 2 2 2 2 1 1	390 611 426 370 260 410 353 340
3 15.09 4 12.14 5 15.05 6 12.04 7 19.03 8 9.08 9 12.01 10 4.05 11 8.01 11 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.03 18 22.03 19.11 19.04 22.03 19.04 22.01 22.01 22.01 22.01 22.01 22.01 22.01 23.01 24.05 25.01 26.01 2	Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 12B Walsh 19 Walsh 19 Walsh 9 Walsh 12B Walsh 8 Walsh 8 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Curve from 142nd Avenue Park River north city limit (5-leg intersection) Intersection with ND 32 Begin gravel section Intersection with ND 32 Intersection with SH 32 Intersection with SH 32 Intersection with SH 32 Begin target Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 15th Avenue	Intersection with US 81 Walsh / Pembina County Line Pisek west city limit (intersection with Sunset Avenue) End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave Intersection with SH 149 grave Intersection with SB IH 29 Ramps	8.6 8.8 6.7 1.4 2.5 11.1 1.0 4.5 1.9	611 426 370 260 410 353 340 281 275	* * * * * * * * *	* * * * * * * *		* * *	* * *	*** *** *** ***	2 2 2 2 1 1	611 426 370 260 410 353 340
4 12.14 15.05 5 15.05 6 12.04 7 19.03 8 9.08 9 12.01 10 4.05 11 8.01 12 9.02 13 9.11 13 15.03 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 22 19.05 22 9.1	Walsh 12 Walsh 15 Walsh 12B Walsh 19 Walsh 9 Walsh 9 Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Park River north city limit (5-leg intersection) Intersection with NB 32 Begin gravel section Intersection with NB 32 Intersection with SH 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue	Walsh / Pembina County Line Pisek west city limit (intersection with Sunset Avenue) End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave Intersection with 119th Avenue Intersection with SB IH 29 Ramps	8.8 6.7 1.4 2.5 11.1 1.0 4.5 1.9	426 370 260 410 353 340 281 275	* * * * * * * * * * * * * * * * * * * *	* * * * * *		* * *	*	***  ***  ***  ***	2 2 2 1 1	426 370 260 410 353 340
5 15.05 6 12.04 7 19.03 8 9.08 9 12.01 10 4.05 11 8.01 11 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1	Walsh 15 Walsh 12B Walsh 19 Walsh 9 Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Intersection with ND 32 Begin gravel section Intersection with ND 32 Intersection with ND 32 Intersection with SH 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 15th Avenue	Pisek west city limit (intersection with Sunset Avenue) End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave Intersection with SH 12 grave Intersection with SI H 12 grave Intersection with SI H 12 gravps	6.7 1.4 2.5 11.1 1.0 4.5 1.9 7.0	370 260 410 353 340 281 275	* * * * * * * * * * * * * * * * * * * *	* * * * *		* *	*	*** *** *** ***	2 2 1 1	370 260 410 353 340
6 12.04 7 19.03 8 9.08 9 12.01 10 4.05 111 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 22 19.05	Walsh 12B Walsh 19 Walsh 9 Walsh 12B Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Begin gravel section Intersection with ND 32 Intersection with SH 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue	End gravel section Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin gravel End pavement / begin gravel Intersection with 119th Avenue Intersection with SB IH 29 Ramps	1.4 2.5 11.1 1.0 4.5 1.9 7.0	260 410 353 340 281 275	* * * * * * *	* * * * *		*		*** *** ***	2 1 1 1	260 410 353 340
7 19.03 9 0.8 9 12.01 10 4.05 11 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 19 15.13 19 15.13 19 15.13 19 15.13 20 2.12 21 19.05 22 9.1 23 12.05	Walsh 19 Walsh 9 Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Intersection with ND 32 Intersection with SH 32 WishVGrand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue	Fordville west city limit Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave End pavement / begin grave Intersection with 119th Avenue Intersection with SB IH 29 Ramps	2.5 11.1 1.0 4.5 1.9 7.0	410 353 340 281 275	* * * * *	* * *		*	*	*** *** ***	1 1 1	410 353 340
8 9.08 9 12.01 10 4.05 111 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 9 Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Intersection with SH 32 Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue	Intersection with SH 18 Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin gravel End pavement / begin grave Intersection with 119th Avenue Intersection with SB IH 29 Ramps	11.1 1.0 4.5 1.9 7.0	353 340 281 275	* * *	*		*		***	1	353 340
9 12.01 10 4.05 111 8.01 112 9.02 133 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 12B Walsh 4 Walsh 8 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 19	Walsh/Grand Forks County Line Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 155th Avenue	Fordville south city limit (intersection with 55th Street that tees in from east) End pavement / begin grave Intersection with 119th Avenue Intersection with SI H2 98 ramps	1.0 4.5 1.9 7.0	340 281 275	*	*				***	1	340
10 4.05 111 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 4 Walsh 8 Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Intersection with County Road 11 / 70th Street Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 125th Avenue Intersection with 125th Avenue	End pavement / begin gravel End pavement / begin grave Intersection with 119th Avenue Intersection with SB IH 29 Ramps	4.5 1.9 7.0	281 275	*							
111 8.01 12 9.02 13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 8 Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 19	Begin tangent section after curve from 62nd Stree Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 155th Avenue Intersection with 125th Avenue	End pavement / begin grave Intersection with 119th Avenue Intersection with SB IH 29 Ramps	1.9 7.0	275			*	*		***	1 1	
12 9.02 13 9.11 13 15.03 15.03 15.11 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 9 Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 15 Walsh 15	Intersection with 112th Avenue Intersection with 155th Avenue Intersection with 125th Avenue Minto east city limit (intersection with 151st Avenue)	Intersection with 119th Avenue Intersection with SB IH 29 Ramps	7.0		*							
13 9.11 13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 9 Walsh 15 Walsh 15 Walsh 15 Walsh 19	Intersection with 155th Avenue Intersection with 125th Avenue Minto east city limit (intersection with 151st Avenue)	Intersection with SB IH 29 Ramps		200		*	*			***	1	275
13 15.03 14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 15 Walsh 15 Walsh 15 Walsh 19	Intersection with 125th Avenue Minto east city limit (intersection with 151st Avenue)		49		*				*	**	2	290
14 15.12 15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 15 Walsh 15 Walsh 19	Minto east city limit (intersection with 151st Avenue)	Lankin east city limit (next driveway after Prospect Street intersection)		240	*				*	**	2	240
15 15.11 16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 15 Walsh 19			1.5	478	*		*			**	1	478
16 19.04 17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 19	Intersection with LIS 81	Intersection with SB IH 29 Ramps	7.9	473	*	*				**	1	473
17 11.01 18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05			Minto east city limit (intersection with 151st Avenue)	0.4	410	*		*			**	1	410
18 22.03 19 15.13 20 12.15 21 19.05 22 9.1 23 12.05	Walsh 11A	Fordville west city limit	Fordville east city limit	1.0	380	*		*			**	1	380
19 15.13 20 12.15 21 19.05 22 9.1 23 12.05		Adams east city limit (could be driveway on north side, approximately 760 feet north of ND 17)	Intersection with ND 17	0.1	350	*		*			**	1	350
20 12.15 21 19.05 22 9.1 23 12.05	Walsh 22	Intersection with 75th Street	Walsh/Cavalier County Line	3.4	350	*		*			**	1	350
21 19.05 22 9.1 23 12.05	Walsh 15	Intersection with SB IH 29 Ramps	Intersection with NB IH 29 Ramps	0.2	345	*		*			**	1	345
22 9.1 23 12.05	Walsh 12A	Intersection with 55th Street	Curve into 61st Street	5.0	320	*	*				**	1	320
23 12.05	Walsh 19	Fordville east city limit	End of second horizontal curve	1.0	250	*			*		**	1	250
	Walsh 9	Intersection with US 81	Intersection with 155th Avenue	5.8	218	*	*				**	1	218
04 40.4	Walsh 12B	End gravel section	Begin gravel section	0.9	120		*		*		**	1	120
	Walsh 12B	Intersection with 8th Street	Intersection with ND 17 / Park Street	0.1	700		*	*			**	0	700
25 12.17	Walsh 12A	Curve from 61st Street	End gravel section	0.4	320	*	*				**	0	320
26 4.06	Walsh 4	End pavement / begin gravel	Walsh / Pembina County Line	2.8	290	*		*			**	0	290
27 12.07	Walsh 12B	Curve from 131st Avenue	Curve into 134th Avenue	1.9	240	*	*				**	0	240
28 12.06	Walsh 12B	Begin gravel section	Curve into 66th Street	5.9	132					*	*	2	132
29 6.01	Walsh 6	Walsh / Nelson County Line	Intersection with 55th Street	1.0	500	*					*	1	500
30 9.09	Walsh 9	Intersection with ND 18	Intersection with US 81	9.0	391	*					*	1	391
31 15.02	Walsh 15	Intersection with ND 35	Intersection with 125th Avenue	8.0	387	*					*	1	387
32 14.01	Walsh 14	Walsh / Nelson County Line	Intersection with 62nd Street	8.0	305	*					*	1	305
33 15.01	Walsh 15	Walsh / Ramsey County Line	Intersection with ND 35	7.0	305	*					*	1	305
34 12.03	Walsh 12B	Fordville north city limit (intersection with 56th Street)	Begin gravel section	2.0	260	*		<del></del>			*	1	260
35 504.01	No designation		Intersection with School Road	2.2	160	*		<del></del>			*	1	160
36 8.02	Walsh 8	End pavement / begin gravel	Curve into 67th Street	4.0	120			*			*	1	120
37 16.03	Walsh 16	Intersection with 74th Street	Walsh/Cavalier County Line	4.0	110		+				- ÷	1	110
38 15.14	Walsh 15	Intersection with NB IH 29 Ramps	Intersection with 158th Drive	0.1	80			*				1	80
39 1.01	Walsh 1A	Hoople east city limit (approx 400 feet east of intersection with Dale Avenue)	Intersection with ND 18	0.4	515			<del>-</del>				0	515
40 19.02	Walsh 19	Intersection with ND 35	Intersection with ND 32	12.0	393	+						0	393
40 19.02	Walsh 1B	Hoople east city limit (Intersection with Glendale Avenue)	Intersection with ND 18	0.5	393	- <del>*</del>					*	0	393
41 1.02	Walsh 12A	Curve from 136th Street	Curve into 135th Avenue	0.5	320	<u>*</u>					*	0	320
42 12.16	Walsh 12A Walsh 19	Walsh / Ramsey County Line	Intersection with ND 35	7.0	303	*					<del>*</del>	0	303
43 19.01	Walsh 12B	Valsh / Ramsey County Line Curve from 66th Street	Park River south city limit (intersection with 67th Street)	1.3	195	*					*	0	195
46 12.08 46 503.01		Intersection with 69th Place (west of Grafton)	End of north/south segment	1.3	160	*					*	0	195
46 503.01 47 9.12	No designation Walsh 9	Intersection with 69th Place (west of Grafton)  Intersection with SB IH 29 Ramps	End of north/south segment Intersection with NB IH 29 Ramps	1.5 0.1	90	*					*		90
								*			*	0	
48 4.02	Walsh 4	Begin tangent section after curve from 155th Avenue	Begin curve into 156th Avenue	0.8	85							0	85
56 4.03	Walsh 4	Begin curve from 66th Street	Intersection with ND 17	3.0	85							0	85
				Total % That Get	Stars	38	17	15	8	9			

	#	%	%
****	0	0%	0%
****	1	2%	5%
***	10	20%	29%
**	17	35%	24%
*	19	39%	40%
	2	4%	2%
	49	100%	100%

Stars

ADT Range - Iff segment has an ADT in the range of most at risk ADT based on Northeast totals. (150 < ADT < 500)

Lane Departure Density - Iff segment has higher lane departure density than the Northeast average (0.032).

Access Density Iff segment has access density than the nationwide average (8).

Curve Critical Radius Density - Iff segment has higher density of curves with critical radius than the Northeast average (0.084).

Edge Risk Assessment - Edge risk of 2 or 3, based on assessment of roadway edge and clear zone.

HIGHWAY SAFETY IMPROVEMENT I	POG	DAM (USID) DDA IE	CT ADDI ICAT	ION				
North Dakota Department of Transportation Progr SFN 59959 (06-2011)			CI AFFLICAT	ION				
	m Cu	rve from 56th St	reet (approx.	4.5 mil	es eas	t of ND	32) to Intersection with ND 18	3
		alsh County	_	ND DOT			.=	
		haron Lipsh lipsh@nd.gov	Te	elephone N	Number:	701-352-1	1530	
Please attach a location map(s). You may use addition			ect.					
Location Description								
	0 0			401		Dadica Ala	SHSP Emphasis Area (check all that app	oly)
		urve from 56th Street (approtersection with ND 18	Lane Width: Speed Limit:				cohol Impaired Driving e Use of Safety Restraints for all Occupants	
Facility	Type: 2-l	Lane	Shoulder Width:	0'		Younger Dr	river/Older Driver Safety	
Road	ADT: 39	90 ural Paved	Shoulder Type: Length (miles):				essive Driving ents to Address Lane Departure Crashes	
	Road W		Rumble Installed:			Enhancing I	Emergency Medical Capabilities to Increase Surviv	ability
						Improve Inte	ersection Safety	
Describe Current Safety Issues & Systemic	Ranki	ing Review						
North Dakota Crashes, 2008 - 2012			5	years				
		Total	Road Dept	K+A		Wedn't With Street	Paracons. And	
	ashes	6	3	0	•	Wast		
Density (per mile per Rate (per		0.15 1.08	0.08 0.54	0.00 0.00				
Rate (per	VI V IVI)	1.00	0.54	0.00	•			
		Value	Critical	Road				
ADT F	Range	390	150≤ADT≤500	*	•			
RD D Access D		0.077 4.8	0.032 8.0	*				
Curve Critical Radius D		0.000	0.084					
	Risk	3	2 or 3	*	•	WGS-84 N/48-2213860		
				***		W 97 6947883	SRE	
Describe Proposed Safety Improvements								
		Description	T	04	N4:1	04	Notes Overlifes for advantage workly	
	_	Description 4" Edge Lines	Type Proactive	Cost per mi \$400	7.8	Cost \$3,120	Notes - Qualifies for edge line rumble.	
		6" Edge Lines	Proactive	\$650	0.0	\$0		
	Ground	Edge Rumble Strip In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	0.0	\$0 \$0		
	Ciouna	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0		
	_	6" Center Line	Proactive	\$650	0.0	\$0	_	
Project Cost Estimate (attach detailed cop	/)				Propose	ed Year o	f Construction	
,		·	***					
Loc	al Match	Federal Funds (10% of Total project cost)	\$2,808 \$312					
	ai matori	Total Project Cost	\$3,120					
AIDDOT Control Office Only					<u> </u>			
NDDOT Central Office Only Project Accepted?	ПП	Yes □No	Reference Number				ID Number	
Notes							1	
							Page:	1
							Segment ID:	19.06
							Date:	10/23/2013

HIGHWAY SAFETY IMPROVEMENT PRO North Dakota Department of Transportation Programmi		CT APPLICAT	ION						
SFN 59959 (06-2011)	Valsh 15 from Cur	us from 142r	nd Avon	uo to l	ntoroos	tion with	110 04		
Agency Name: Contact Name: Email Address: Please attach a location map(s). You may use additional she	Walsh County Sharon Lipsh slipsh@nd.gov	Т	ND DOT elephone N	District:	6		05 81		
Location Description				1		01100			
Start: End: Facility Type: ADT: Road Type County Road	Speed Limit: Shoulder Width: Shoulder Type: Length (miles):	Lane Width: 12' Speed Limit: High Shoulder Width: 0' Shoulder Type: None Length (miles): 8.6 Rumble Installed: No			cohol Impaired Do the Use of Safety I river/Older Driver the ssive Driving that to Address L	Restraints for all Occupar r Safety ane Departure Crashes ical Capabilities to Increa	nts		
Describe Current Safety Issues & Systemic Ran	king Review								
North Dakota Crashes, 2008 - 2012		5	years		9990	BERGY.	KALPO POR	MARILL.	
Crashes Density (per mile per year) Rate (per MVM)	Total 6 0.14 0.63	Road Dept 4 0.09 0.42	K+A 1 0.02 0.10	•	Prof. Hired. What				
	Value	Critical	Road				-		
ADT Range RD Density Access Density Curve Critical Radius Density Edge Risk	611 0.093 6.5 0.117 2	150≤ADT≤500 0.032 8.0 0.084 2 or 3	* * *		WGS-54 N 48-2951400				
					KAM-ROLL			SK	
Describe Proposed Safety Improvements									
Grour	Description 4" Edge Lines 6" Edge Lines Edge Rumble Strip nd In Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	0.0 8.6 0.0 0.0 0.0 0.0	Cost \$0 \$5,590 \$0 \$0 \$0 \$0	_ Notes - Qualifie on other sheets		Curve and intersection proj	ects suggested
Project Cost Estimate (attach detailed copy)				Propos	ed Year o	f Construction	on		
Local Mat	Federal Funds ch (10% of Total project cost) Total Project Cost	\$5,031 \$559 <b>\$5,590</b>	-						
NDDOT Central Office Only									
Project Accepted? Notes	☐ Yes ☐ No	Reference Number	l			ID Number			
						Seg	Page: gment ID: Date:	2 15.09 10/23/2013	

HIGHWAY SAFETY IMPROVEMENT PROGRESSION OF THE PROGR	RAM (HSIP) PROJE	CT APPLICA	TION			
SFN 59959 (06-2011)						
	ection with 119th	n Avenue to	Edinbu	g wes	t city li	mit (intersection with 5th Street)
Agency Name: W			ND DOT			,
Contact Name: Sh		1	Telephone N	lumber:	701-352-1	1530
Email Address: sli		4				
Please attach a location map(s). You may use additional sheets Location Description	to further describe your proje	ect.				
						SHSP Emphasis Area (check all that apply)
	ersection with 119th Avenu inburg west city limit (inters	Lane Width Speed Limit				ohol Impaired Driving  But Use of Safety Restraints for all Occupants
Facility Type: 2-L		Shoulder Width				iver/Older Driver Safety
ADT: 44 Road Type Ru		Shoulder Type Length (miles)				ssive Driving nts to Address Lane Departure Crashes
County Road Wa		Rumble Installed				nts to Address Lane Departure Crasnes Emergency Medical Capabilities to Increase Survivability
					Improve Inte	ersection Safety
Describe Current Safety Issues & Systemic Rankii	na Review					
North Dakota Crashes, 2008 - 2012	.g		5 years			
	Total	Road Dept	K+A		Whileh Physid	Mischell Policy Council
Crashes	6	2	0	•	What	
Density (per mile per year) Rate (per MVM)	0.12 0.75	0.04 0.25	0.00 0.00			
Rate (per MVM)	0.75	0.25	0.00	-		
	Value	Critical	Road		4	
ADT Range	440	150≤ADT≤500	*			The same of the sa
RD Density Access Density	0.040 6.6	0.032 8.0	*			and Mills
Curve Critical Radius Density	0.200	0.084	*		100	
Edge Risk	2	2 or 3	*	-	Western Balliagen	
					27370105000	SN
Describe Proposed Safety Improvements						
	Description	Type	Cost per mi	Mileage	Cost	Notes - Qualifies for edge line rumble. Curve projects suggested on other sheets.
<del>_</del>	4" Edge Lines	Proactive	\$400	10.0	\$4,000	
	6" Edge Lines Edge Rumble Strip	Proactive Proactive	\$650 \$3,500	0.0	\$0 \$0	
Ground I	n 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	
	o contor Emo	7.70404.70	<b>4000</b>			-
Project Cost Estimate (attach detailed copy)				Propos	ed Year o	f Construction
	Federal Funds	\$3,600				
Local Match	(10% of Total project cost)	\$400	_			
	Total Project Cost	\$4,000				
NDDOT Central Office Only				l		
Project Accepted?	Yes □No F	Reference Number				ID Number
Notes						
						Page: 3 Segment ID: 9.03
						Date: 10/23/2013

HIGHWAY SAFETY IMPROVEMENT PRO		I (HSIP) PROJE	CT APPLICAT	TION					
North Dakota Department of Transportation Programn SFN 59959 (06-2011)	_								
Walsh 12 fro Agency Name Contact Name Email Address Please attach a location map(s). You may use additional sh	: Walsh : Sharor : slipsh	County n Lipsh @nd.gov	Т	leg inter ND DOT elephone N	District:	6		embina County Line	
Location Description		, , ,							
Enc Facility Type ADT Road Typ County Roa	: Walsh / I :: 2-Lane :: 426 e Rural Pa d Walsh 12	2	Lane Width: Speed Limit: Shoulder Width: Shoulder Type: Length (miles): Rumble Installed:	Low 0' None 8.8		Increase th Younger Dr Curb Aggre Improveme Enhancing	cohol Impaired E e Use of Safety river/Older Drive essive Driving ents to Address I	Restraints for all Occupants er Safety  Lane Departure Crashes dical Capabilities to Increase Survivab	•
Describe Current Safety Issues & Systemic Ra North Dakota Crashes, 2008 - 2012	nking R	eview	5	years					
Crashe Density (per mile per year Rate (per MVM	·)	Total 10 0.23 1.46	Road Dept 0 0.00 0.00	K+A 1 0.02 0.15		1900 Avenue 1900 Avenue Raylin	None	CHEAN AL.	
ADT Rang RD Densit Access Densit Curve Critical Radius Densit Edge Ris	y y y	Value 426 0.000 7.3 0.227 2	Critical 150≤ADT≤500 0.032 8.0 0.084 2 or 3	Road  *  *  *  *  *		Wosta Nasawan Wostawan		SRF	
Describe Proposed Safety Improvements									
Grou		Description 4" Edge Lines 6" Edge Lines Edge Rumble Strip -Reflective Markings er Line Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	Mileage 0.0 8.8 0.0 0.0 0.0 0.0	Cost \$0 \$5,720 \$0 \$0 \$0 \$0	_Notes - Curve	projects suggested on other sheets.	
Project Cost Estimate (attach detailed copy)					Propose	ed Year o	f Constructi	on	
		Federal Funds of Total project cost) Total Project Cost	\$5,148 \$572 <b>\$5,720</b>	-	•				
NDDOT Central Office Only	-				ı				
Project Accepted? Notes	Yes	□No F	Reference Number				ID Number		
							Se		4 12.14 /23/2013

North Dakota Department of Transportation Programmi SFN 59959 (06-2011)		D 00 ( D:		.,	14 (1) :	
Walsh 15 from Agency Name: Contact Name: Email Address: Please attach a location map(s). You may use additional she	Walsh County Sharon Lipsh slipsh@nd.gov	٦	ek west ( ND DOT Felephone N	District:	6	ersection with Sunset Avenue)
Location Description	,,,,,,,					
End: Facility Type: ADT:	370 Rural Paved	Lane Width Speed Limit Shoulder Width Shoulder Type Length (miles) Rumble Installed	t: High :: 0' e: None :: 6.7		Increase the Younger Dr Curb Aggre Improvement Enhancing	SHSP Emphasis Area (check all that apply)  chold Impaired Driving e Use of Safety Restraints for all Occupants river/Older Driver Safety  sesive Driving nts to Address Lane Departure Crashes  Emergency Medical Capabilities to Increase Survivability  tersection Safety
Describe Current Safety Issues & Systemic Ran	king Review		_			
North Dakota Crashes, 2008 - 2012			5 years		THEFT	CHESTER CHESTER
	Total	Road Dept	K+A		State Street	-11
Crashes Density (per mile per year)	4 0.12	3 0.09	1 0.03			
Rate (per MVM)	0.88	0.66	0.22	<u>-</u>		
	Value	Critical	Road			
ADT Range	370 0.089	150≤ADT≤500	*	•		The state of the s
RD Density Access Density	7.4	0.032 8.0	*			
Curve Critical Radius Density	0.000 2	0.084	_		Week and	
Edge Risk		2 or 3	***	-	N 48.3107667	CDE
Describe Described Options					MARKATA MARKATA	
Describe Proposed Safety Improvements						
	Description	Туре	Cost per mi	Mileage	Cost	Notes - Qualifies for edge line rumble. Intersection projects suggested on other
	4" Edge Lines	Proactive Proactive	\$400	6.7 0.0	\$2,680 \$0	sheets.
	6" Edge Lines Edge Rumble Strip	Proactive	\$650 \$3,500	0.0	\$0 \$0	
Groun	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	
				_		-
Project Cost Estimate (attach detailed copy)				Propos	ed Year o	f Construction
	Federal Funds	\$2,412				
Local Mat	ch (10% of Total project cost)  Total Project Cost	\$268 <b>\$2,680</b>	_			
	Total Troject Cost	φ2,000				
NDDOT Central Office Only						
Project Accepted? Notes	Yes No R	Reference Number				ID Number
						Page
						Page: 5 Segment ID: 15.05
						Date: 10/23/2013

HIGHWAY SAFETY IMPROVEMEI	NT PROGE	PAM (HSIP) PRO II	FCT APPLICAT	ION							
North Dakota Department of Transportation F SFN 59959 (06-2011)	rogramming	CAM (HOIF) FICOS	LOT AFFLICAT	ION							
		Walsh 12B fro	m Begin grav				vel secti	on			
Contac Email /		aron Lipsh psh@nd.gov		ND DOT elephone N			1530				
Please attach a location map(s). You may use add Location Description	litional sheets t	to further describe your pro	oject.								
Location Description					ı		SHSI	P Emphasis Area	(check all that	apply)	
Co	End: End acility Type: 2-La ADT: 260 Road Type Rur bunty Road Wa	) ral Paved Ilsh 12B	Lane Width: Speed Limit: Shoulder Width: Shoulder Type: Length (miles): Rumble Installed:	High 0' None 1.4		Increase th Younger Dr Curb Aggre Improveme Enhancing	cohol Impaired I e Use of Safety river/Older Drive essive Driving nts to Address	Oriving Restraints for aller Safety  Lane Departure ( dical Capabilities	Occupants Crashes		
Describe Current Safety Issues & System North Dakota Crashes, 2008 - 2012	emic Rankin	ng Review	5	voore							
Density (per mil	Crashes e per year) (per MVM)	Total 2 0.29 3.01	Road Dept 1 0.14 1.51	years K+A 0 0.00 0.00		Whiteh Strict Seneral Search		oss.FG	CHEMINE		
I	ADT Range RD Density ses Density ius Density Edge Risk	Value 260 0.146 6.6 0.000 2	Critical 150≤ADT≤500 0.032 8.0 0.084 2 or 3	Road * * * *		WGS-51 N 48-2705-567 W 97-7953883	174		SRF		
Describe Proposed Safety Improvement	ıts										
		Description 4" Edge Lines 6" Edge Lines Edge Rumble Strip n Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	Mileage 1.4 0.0 0.0 0.0 0.0 0.0	\$560 \$0 \$0 \$0 \$0 \$0 \$0	_Notes -				
Project Cost Estimate (attach detailed	copy)				Propose	ed Year o	f Constructi	on			
	,	Federal Funds 10% of Total project cost) Total Project Cost	\$56					-			
NDDOT Central Office Only											
Project Accepted? Notes	ΔY	o No	Reference Number				ID Number				
							Se	Page: egment ID: Date:		6 12.04 10/23/2013	

HIGHWAY SAFETY IMPROVEME			ISIP) PROJI	ECT APPLICA	TION				
North Dakota Department of Transportation SFN 59959 (06-2011)	•		0.6		u ND oc				
	ncy Name: V	Valsh Co	unty		ND DOT	District:	6	west city limit	
Emai	act Name: S I Address: s	lipsh@n	d.gov		Telephone N	Number:	701-352-1	1530	
Please attach a location map(s). You may use a	dditional sheet	s to further	describe your pro	ject.					
Location Description						ı		SHSP Emphasis Area (check all that apply)	
	End: F Facility Type: 2 ADT: 4 Road Type R County Road V	10 Rural Paved Valsh 19	st city limit	Lane Width Speed Limit Shoulder Width Shoulder Type Length (miles) Rumble Installed	: High : 2' :: Paved : 2.5		Increase the Younger Dr Curb Aggre Improvement Enhancing I	cohol Impaired Driving ne Use of Safety Restraints for all Occupants rriver/Older Driver Safety essive Driving ents to Address Lane Departure Crashes Emergency Medical Capabilities to Increase Survivability tersection Safety	
Describe Current Safety Issues & System Dakota Crashes, 2008 - 2012	stemic Rank	ing Revi	₽W		5 years				
NOTH Dakota Crasnes, 2006 - 2012				,	o years		Whiteh	CHOOSE AND CHOOSE AND	
Density (per r Ra	Crashes nile per year) te (per MVM)		Fotal 5 0.40 2.67	Road Dept 1 0.08 0.53	K+A 0 0.00 0.00		West West		
Ac Curve Critical R:	ADT Range RD Density cess Density	(	/alue 410 0.079 7.1 .190	Critical 150≤ADT≤500 0.032 8.0 0.084	Road * *	-			
Curve Citical No	Edge Risk		1	2 or 3	***	-	WGS:84 N 48 2166267 W 97 8206950	SRE	
Describe Proposed Safety Improvem	ents								
• • • • • • • • • • • • • • • • • • • •									
	Ground	In Wet-Ret	Description 4" Edge Lines 6" Edge Lines Ige Rumble Strip Rective Markings Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	\$400 \$650 \$3,500 \$8,500 \$3,000 \$650	0.0 2.5 0.0 0.0 0.0 0.0	Cost \$0 \$1,625 \$0 \$0 \$0 \$0	_Notes - Qualifies for edge line rumble.	
Project Cost Estimate (attach detailed	d copy)					Propose	ed Year o	of Construction	
	• • •		Federal Funds otal project cost) Il Project Cost	\$1,463 \$163 <b>\$1,625</b>	_				
NDDOT Central Office Only						l.			
Project Accepted? Notes		Yes	No	Reference Number				ID Number	
Nules									
								Page:         7           Segment ID:         19.03           Date:         10/23/2013	

HIGHWAY SAFETY IMPROVEMENT PRO North Dakota Department of Transportation Programmi		ECT APPLICAT	TON			
SFN 59959 (06-2011)						
Agency Name: Contact Name: Email Address: Please attach a location map(s). You may use additional shee	Sharon Lipsh slipsh@nd.gov	Т	h SH 32 ND DOT elephone N	District:	6	
Please attach a location map(s). You may use additional snee  Location Description	ets to further describe your pro	ject.				
						SHSP Emphasis Area (check all that apply)
End: Facility Type: ADT:	353 Rural Paved	Lane Width: Speed Limit: Shoulder Width: Shoulder Type: Length (miles): Rumble Installed:	High 2' Paved 11.1		Increase th Younger Dr Curb Aggre Improveme Enhancing	cohol Impaired Driving e Use of Safety Restraints for all Occupants river/Older Driver Safety sesive Driving nts to Address Lane Departure Crashes Emergency Medical Capabilities to Increase Survivability ersection Safety
Describe Current Safety Issues & Systemic Ran	king Review					
North Dakota Crashes, 2008 - 2012  Crashes  Density (per mile per year)  Rate (per MVM)	Total 12 0.22 1.68	5 Road Dept 4 0.07 0.56	Vears  K+A  0  0.00  0.00		Trains	2000(10),.0°Q. (comms.
ADT Range RD Density Access Density Curve Critical Radius Density Edge Risk	Value 353 0.072 6.7 0.271 1	Critical 150≤ADT≤500 0.032 8.0 0.084 2 or 3	Road * * *		WGS-84 N 48, 455-1667 W 97, 6095-183	SRE
Describe Proposed Safety Improvements						
Grour	Description  4" Edge Lines 6" Edge Lines Edge Rumble Strip Id In Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	Mileage 11.1 0.0 0.0 0.0 0.0 0.0	Cost \$4,440 \$0 \$0 \$0 \$0 \$0	Notes - Qualifies for edge line rumble. Curve and intersection projects suggested on other sheets.
Project Cost Estimate (attach detailed copy)				Propos	ed Year o	f Construction
Local Mat	Federal Funds ch (10% of Total project cost) Total Project Cost	\$3,996 \$444 <b>\$4,440</b>	-	•		
NDDOT Central Office Only				l		
Project Accepted? Notes	□Yes □No	Reference Number				ID Number
						Page: 8
						Segment ID: 9.08  Date: 10/23/2013

HIGHWAY SAFETY IMPROVE			SIP) PROJE	CT APPLICAT	ΓΙΟΝ							
North Dakota Department of Transportat SFN 59959 (06-2011) Walsh 12B from Wals			untv l ine	to Fordville	south ci	tv limi	t (inter	section w	ith 55th Str	eet that t	ees in fro	m east)
Aç Co	gency Name: V ontact Name: S nail Address: s	Valsh Cou haron Lip lipsh@nd	nty sh .gov	т	ND DOT elephone N	District:	6		101 July 201	cot that t		ii casij
Location Description	e additional sneets	s to luttilei u	escribe your proj	ect.								
		ordville soutl -Lane 40 ural Paved	Forks County Li n city limit (inters	Lane Width: Speed Limit: Shoulder Width: Shoulder Type: Length (miles): Rumble Installed:	: Low : 2' : Paved : 1.0		Increase the Younger Dr Curb Aggre Improveme Enhancing	cohol Impaired I e Use of Safety river/Older Drive essive Driving nts to Address	Restraints for all C er Safety  Lane Departure Cra dical Capabilities to	ccupants		
Describe Current Safety Issues & S	Systemic Rank	ing Revie	W			l.						
	Crashes er mile per year) Rate (per MVM)	1	otal 6 .20 .67	Road Dept 1 0.20 1.61	6 years K+A 0 0.00 0.00		Welleh 131 of America How'th		0079.4PQ	CHOMPICE		
	ADT Range RD Density Access Density Radius Density Edge Risk	3 0.: 1 0.:	alue 440 201 1.0 000	Critical 150≤ADT≤500 0.032 8.0 0.084 2 or 3	Road		WG5-84 N 42 1559G V 57 755G			SRE		
Describe Proposed Safety Improve	ements											
	Ground	In Wet-Refle	Description  4" Edge Lines 6" Edge Lines ge Rumble Strip ective Markings ne Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	Mileage 1.0 0.0 0.0 0.0 0.0 0.0	Cost \$400 \$0 \$0 \$0 \$0 \$0	_Notes - Qualif	ies for edge line ru	mble.		
Project Cost Estimate (attach detail	iled copy)					Propose	ed Year o	f Constructi	on			
Tojou ocu zoumate jataon actu	,		Federal Funds tal project cost) Project Cost	\$360 \$40 <b>\$400</b>	-	Tropos.	ou rour o	, construct	<u></u>			
NDDOT Central Office Only						l.						
Project Accepted? Notes		Yes	No	Reference Number				ID Number				
								Se	Page: egment ID: Date:		9 12.01 10/23/2013	

HIGHWAY SAFETY IMPROVEMENT PROVIDENT PROPERTY IN DAKOTA DEPARTMENT OF TRANSPORTATION PROGRAMS SFN 59959 (06-2011)		JECT APPLICAT	ION				
	m Intersection wit	th County Road	111/70	th Stre	et to E	End pavement / begin gravel	
Agency Nam Contact Name Email Addres:	e: Walsh County e: Sharon Lipsh s: slipsh@nd.gov	Te	ND DOT elephone N	District:	6		
Please attach a location map(s). You may use additional sh Location Description	neets to further describe your p	project.					
Stal En Facility Typ AD	T: 281 pe Rural Paved		High 2' Paved 4.5		Increase th Younger Dr Curb Aggre Improveme Enhancing	SHSP Emphasis Area (check all that apply)  Ilcohol Impaired Driving the Use of Safety Restraints for all Occupants  Driver/Older Driver Safety ressive Driving tenst to Address Lane Departure Crashes g Emergency Medical Capabilities to Increase Survivability ntersection Safety	
Describe Current Safety Issues & Systemic Ra	anking Review						
North Dakota Crashes, 2008 - 2012 Crashe Density (per mile per yea Rate (per MVh	ar) 0.09	Road Dept 0 0.00 0.00	K+A 0 0.00 0.00		Vitales 1000, Personal Box St	PRESCRICTORY CONTRACTORY	
ADT Rang RD Densi Access Densi Curve Critical Radius Densi Edge Ri	ity 0.000 ity 12.7 ity 1.114	Critical 150≤ADT≤500 0.032 8.0 0.084 2 or 3	Road  *  *  *  *		NOS44 0 13 45704 V 2 2223	SRE	
Describe Proposed Safety Improvements							
Gro	Descripti 4" Edge Lin 6" Edge Lin Edge Rumble Str Dund In Wet-Reflective Marking Center Line Rumble Str 6" Center Lin	es Proactive es Proactive rip Proactive gs Proactive rip Proactive	Cost per mi \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	Mileage 4.5 0.0 0.0 0.0 0.0 0.0	Cost \$1,800 \$0 \$0 \$0 \$0 \$0	Notes - Qualifies for edge line rumble. Curve and intersection projects on other sheets.	s suggested
Project Cost Estimate (attach detailed copy)				Propose	ed Year o	of Construction	
	Federal Fundatch (10% of Total project cos Total Project Co	st) \$180					
NDDOT Central Office Only							
Project Accepted? Notes	∏Yes □No	Reference Number				Page: 10	
						Segment ID: 4.05 Date: 10/23/2013	

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJE	CT APPLICATI	ON				
North Dakota Department of Transportation Programming SFN 59959 (06-2011)						
Walsh 8 from Begin tangent secti					o End pavement / begin gravel	
Agency Name: Walsh County Contact Name: Sharon Lipsh Email Address: slipsh@nd.gov		ND DOT I lephone N			1530	
Please attach a location map(s). You may use additional sheets to further describe your proj	ject.					
Location Description					01100 5	
Start: Begin tangent section after cu End: End pavement / begin gravel Facility Type: 2-Lane ADT: 275 Road Type Rural Paved County Road Walsh 8	Lane Width: 1 Speed Limit: I Shoulder Width: 2 Shoulder Type: I Length (miles): 1 Rumble Installed: N	High 2' Paved 1.9		Increase the Younger Dr Curb Aggre Improvement Enhancing I	SHSP Emphasis Area (check all that apply) cohol Impaired Driving e Use of Safety Restraints for all Occupants river/Older Driver Safety sesive Driving ints to Address Lane Departure Crashes Emergency Medical Capabilities to Increase Survivability tersection Safety	
Describe Current Safety Issues & Systemic Ranking Review	_					
North Dakota Crashes, 2008 - 2012	5 y	years		Weigh	Mary 100, Pre	
Total           Crashes         1           Density (per mile per year)         0.11           Rate (per MVM)         1.05	Road Dept 1 0.11 1.05	K+A 0 0.00 0.00		old aired family		
Value	Critical	Road				
ADT Range 275  RD Density 0.107  Access Density 10.2  Curve Critical Radius Density 0.000  Education 1	150≤ADT≤500 0.032 8.0 0.084 2 or 3	* * *		Wasta		
		***		N 48 30 10700 W 97 5573167	SRF	
Describe Proposed Safety Improvements						
, ,						
Description  4" Edge Lines 6" Edge Lines Edge Rumble Strip Ground In Wet-Reflective Markings Center Line Rumble Strip 6" Center Line	Type Proactive Proactive Proactive Proactive Proactive Proactive Proactive	\$400 \$400 \$650 \$3,500 \$8,500 \$3,000 \$650	0.0 1.9 0.0 0.0 0.0 0.0	Cost \$0 \$1,235 \$0 \$0 \$0 \$0	_Notes - Qualifies for edge line rumble.	
Project Cost Estimate (attach detailed copy)			Propos	ed Year o	f Construction	
Federal Funds Local Match (10% of Total project cost) Total Project Cost	\$1,112 \$124 <b>\$1,235</b>					
NDDOT Central Office Only						
Project Accepted? ☐ Yes ☐ No Notes	Reference Number				ID Number	
					Page:         11           Segment ID:         8.01           Date:         10/23/201:	3

#### Walsh County Curves

										Crashes								
Curve Count	ID	Corridor	Segment	Start	End	Curve Advisory Sign	Speed Advisory Sign	Chevrons	Total	Total Severe K	. A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Speed Limit	Risk Ranking	Notes
1	004A	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	Yes	Yes	Yes				1200	281	Yes	No	High	**	Seems to be only one chevron; in the northbound direction
2	004B	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	Yes	Yes	Yes	-			1400	281	No	No	High		
3	004C	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	Yes	Yes	No	-			1500	281	No	No	High		
4	004D	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	No	No	No	-			1300	281	No	Yes	High	*	
5	004E	4.05	Walsh 4	Intersection with County Road 11 / 70th Street	End pavement / begin gravel	No	No	No	-			260	281	No	Yes	High	*	
7	009A	9.03	Walsh 9	Intersection with 119th Avenue	Edinburg west city limit (intersection with 5th Street)	Yes	Yes	Yes				1330	440	No	No	High	*	
8	009B	9.03	Walsh 9	Intersection with 119th Avenue	Edinburg west city limit (intersection with 5th Street)	Yes	Yes	Yes	-			1350	440	Yes	Yes	High	***	
9	009D	9.08	Walsh 9	Intersection with SH 32	Intersection with SH 18	Yes	Yes	Yes	1			550	353	No	No	High	**	
10	009E	9.08	Walsh 9	Intersection with SH 32	Intersection with SH 18	Yes	Yes	Yes	-			300	353	Yes	Yes	High	***	
11	009F	9.08	Walsh 9	Intersection with SH 32	Intersection with SH 18	Yes	Yes	Yes	-			650	353	Yes	No	High	***	
12	012A	12.14	Walsh 12	Park River north city limit (5-leg intersection)	Walsh / Pembina County Line	Yes	No	No	-			1150	426	Yes	Yes	Low	****	
13	012B	12.14	Walsh 12	Park River north city limit (5-leg intersection)	Walsh / Pembina County Line	Yes	No	No	1			1200	426	Yes	Yes	Low	****	
14	012F	12.05	Walsh 12B	End gravel section	Begin gravel section	Yes	No	Yes	1			990	120	No	No	Low	*	
15	012G	12.05	Walsh 12B	End gravel section	Begin gravel section	Yes	No	Yes	-			740	120	Yes	No	Low	**	
16	012H	12.05	Walsh 12B	End gravel section	Begin gravel section	Yes	No	No	-			730	120	No	No	Low	*	
17	0121	12.05	Walsh 12B	End gravel section	Begin gravel section	Yes	No	Yes	-			800	120	No	No	Low	*	
18	015A	15.09	Walsh 15	Curve from 142nd Avenue	Intersection with US 81	No	No	Yes	2	1 -	- 1	960	611	Yes	Yes	High	****	
19	019A	19.03	Walsh 19	Intersection with ND 32	Fordville west city limit	Yes	No	No	-			1800	410	No	No	High	*	
20	019B	19.03	Walsh 19	Intersection with ND 32	Fordville west city limit	Yes	No	No	-			2800	410	Yes	No	High	**	
21	019C	19.03	Walsh 19	Intersection with ND 32	Fordville west city limit	Yes	No	No	-			4000	410	No	No	High	*	
22	019E	19.05	Walsh 19	Fordville east city limit	End of second horizontal curve	Yes	No	Yes	-			1390	250	Yes	Yes	High	**	
23	019F	19.05	Walsh 19	Fordville east city limit	End of second horizontal curve	Yes	No	Yes	-			1440	250	Yes	Yes	High	**	

	Total	
Stars	#	%
****	1	5%
****	2	9%
***	3	14%
**	6	27%
*	8	36%
	2	9%
	22	100%

Di		urve	Agen Conta Email	cy Name: \ ict Name: \ Address: \	Walsh Coun Sharon Lips slipsh@nd.g	ty h jov		•	oad 11 / 70		to End pave ND DOT District: ephone Number:	6	_	
			ap(s). You may ( <b>Corridor (</b>		al sheets to fur Curves)	ther describ	e your proje	ect.						
End Facility Type	: End p : 2-Lar : 281 e Rura	oavem ne Pave	with County Fent / begin gra		Shou Shou Len	ane Width: Speed Limit: ulder Width: ulder Type: gth (miles): le Installed:	High 2' Paved 4.5				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 ving dress Lane Depa cy Medical Capa	for all Occupar	
				& Systemic	c Ranking R									
North Dakota  Curve ID  004A	K 0	A 0	Radius (ft)	ADT 281	Intersection on Curve	Visual Trap No	Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project Chevron	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque Inspect Curve
004B 004C 004D 004E	0 0 0	0 0 0	1400 1500 1300 260	281 281 281 281 281	No No No No	No No Yes Yes	*	x x x x	- - -	Chevron Chevron Chevron Chevron	- - - -	- - -	x - x	Inspect Curve
'Curve numb <b>Ranking C</b>			secutive, as so	S	evere Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are se	ty or Existing Che	et if:	vel road, etc			
Describe F	ropo	sed S	afety Impro	ovements										
			- Advanc -	ee Warning Si	Arrow gn/Speed Advis Shoulder R	Board Only	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 5 0 3 .0 miles .0 miles	Total cost \$16,500 \$0 \$2,400 \$0 \$0 \$18,900	Notes - Segmer suggested on o		on projects
Project Co	st Es	timat	e (attach de	tailed cop	y)					Proposed Y	ear of Construct	ion		
				Local Match	(10% of Total p	deral Funds project cost) pject Cost	\$1,890	-						
NDDOT Ce		Offic		No		Reference	Number	I			ID Number	1		
Notes	.54:		<u> </u>			Reference	. 141111001	1			po municol			. 4
													Page Segment ID	

			Agen Conta Email	cy Name: act Name: Address:	Walsh Count Sharon Lipsl slipsh@nd.g	ty h ov			to Edinbui		ty limit (inter ND DOT District: ephone Number:	: 6		reet)
			ap(s). You may <b>(Corridor (</b>		Curves)	her describ	e your proje	ect.						
End Facility Type	: Edinb : 2-Lan : 440 e Rural	urg we e Paved	with 119th Avest city limit (in		Sp Shoul Shou Leng	ane Width: peed Limit: lder Width: ulder Type: gth (miles): e Installed:	High 0' None 10.0				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 ving dress Lane Depa cy Medical Capa	for all Occupan	
				& Systemic	c Ranking Re									
North Dakota Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
009A 009B	0	0	1330 1350	440 440	No Yes	No Yes	*	X X	-	Chevron Chevron	-	-	-	-
Curve numbe			ecutive, as so	S	evere Crashes Radius 5	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are so	ty or Existing Che	et if:	vel road, etc			
Describe F	ropos	ed S	afety Impro	ovements										
			_		Arrow E gn/Speed Advis Shoulder Ru Shoul	Board Only ory Plaque	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 2 0 0 0 .0 miles .0 miles	Total cost \$6,600 \$0 \$0 \$0 \$0 \$0	Notes - Segmer sheets.	nt projects sugge	ested on other
Project Co	st Est	imate	e (attach de	etailed cop	y)					Proposed Y	ear of Construct	ion		
				Local Match	Fed (10% of Total pro Total Pro		\$660	-						
	-	Office	e Only											
NDDOT Ce		01110	∏Yes □	l No	Т	Reference	Number				ID Number			
NDDOT Ce Project Accep Notes			Yes	No		Reference	e Number				ID Number		Page	: 2

Specific from the properties of the state of		
Start Intersection with 941-32   Lare Width: 12	ency Name: Walsh County tact Name: Sharon Lipsh	ND DOT District: 6
Start Infersection with SH 32 Lane Width: 12 Lane Width: 12 Lane Width: 12 Reduce According Control Intersection with SH 18 Speed Limit Height Speed Limit Speed Limit Height Speed Limi		
Syears   S	Lane Width: 12'  Speed Limit: High  Shoulder Width: 2'  Shoulder Type: Paved  Length (miles): 11.1  Rumble Installed: No	Reduce Alcohol Impaired Driving Increase the Use of Safety Restraints for all Occupants Younger Driver/Older Driver Safety Curb Aggressive Driving Improvements to Address Lane Departure Crashes Enhancing Emergency Medical Capabilities to Increase Survivability
Advance   Adva		
OOSE 0 0 0 300 333 Yes Yes *** x Chevron X OOSF 0 0 0 650 353 Yes No *** x Chevron X  **Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc  **Ranking Criteria**    Criteria	Proximity or High Priority SI Intersection Visual Risk Existing Segment + Impro ADT on Curve Trap Ranking Chevrons Critical Radius Pro	ign Shoulder Horizontal vement Shoulder Paving Rumble Strip Alignment Advisory Speec oject Project Project Warning Sign Plaque
Curves are selected for project if:   Severe Crashes   > 0   Radius 500 to 1200   ADT 350 to 650     Intersection on Curve   Yes   Visual Trap   Yes	353 Yes Yes ★★★ x - Che	evron x 35
Describle Proposed Safety Improvements   Description   Type   Unit Cost   Quantity   Total cost	Criteria  Severe Crashes > 0  Radius 500 to 1200 ADT 350 to 650  Intersection on Curve Yes  Curves are selected for project if:  - 3 or more ★s  - x in Proximity or Existing Chevron co  - within Critical Radius	
Description   Type   Unit Cost   Quantity   Total cost		
Project Cost Estimate (attach detailed copy)  Federal Funds \$11,070 Local Match (10% of Total project cost) \$1,230 Total Project Cost \$12,300  NDDOT Central Office Only Project Accepted?	Description         Type         Unit Cost         Qua           Chevrons         Proactive         \$3,300 per curve           Arrow Board Only         Proactive         \$500 per curve           nce Warning Sign/Speed Advisory Plaque         Proactive         \$800 per curve           Shoulder Rumble Strip         Proactive         \$3,000 per mile         .0 r	3 \$9,900 Notes - Segment and intersection projects 0 \$0 suggested on other sheets. 3 \$2,400 miles \$0 miles \$0
Local Match (10% of Total project cost) \$1,230 Total Project Cost \$12,300  NDDOT Central Office Only Project Accepted?		
Project Accepted?	detailed copy) Propo	
Notes Page: Segment ID:	Federal Funds \$11,070 Local Match (10% of Total project cost) \$1,230	
Segment ID:	Federal Funds \$11,070 Local Match (10% of Total project cost) \$1,230 Total Project Cost \$12,300	
Date:	Federal Funds \$11,070 Local Match (10% of Total project cost) \$1,230 Total Project Cost \$12,300	ID Number

	Ci	ırve	Agen Conta	cy Name: \ act Name: \	om Park Walsh Coun Sharon Lips slipsh@nd.g	ty h	orth ci	ity limit (	(5-leg inte	·	to Walsh / Pe ND DOT District: lephone Number:	: 6	-	
			ap(s). You may		Curves)	ther describ	e your proje	ect.						
Start End Facility Type	Park Wals 2-Lar 426 Rura	River r h / Per ne Paved	north city limit nbina County l	(5-leg interse	L S Shou Sho Len	ane Width: peed Limit: ilder Width: ulder Type: gth (miles): le Installed:	Low 2' None 8.8				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 iving dress Lane Depa ncy Medical Capa	s for all Occupan	
				& Systemic	c Ranking R									
North Dakota  Curve ID	K	Α	Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
012A 012B	0	0	1150 1200	426 426	Yes Yes	Yes Yes	****	-	x x	Chevron Chevron	-	-	X X	-
*Curve numbe <b>Ranking C</b> i			ecutive, as so	mo ourvos m										
				S	evere Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are s	ty or Existing Ch	ct if:	evel road, etc			
Describe P	ropo		afety Impro	Si	evere Crashes Radius ADT ction on Curve	Criteria > 0 500 to 1200 350 to 650 Yes		Curves are s - 3 or more ★ - x in Proximi	elected for projects ty or Existing Ch	ct if:	evel road, etc			
Describe P	ropo.		_	Sinterse	evere Crashes Radius ADT ction on Curve Visual Trap  Arrow gn/Speed Advis Shoulder R	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Yes  Description Chevrons Board Only sory Plaque	Type Proactive Proactive Proactive Proactive	Curves are s - 3 or more ★ - x in Proximi - within Critic  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Ch	ct if:	Total cost \$6,600 \$0 \$1,600 \$0 \$0 \$8,000	Notes - Segmer sheets.	nt projects sugge	ested on other
		sed S	_	Interse  overnents  be Warning Si	evere Crashes Radius ADT ction on Curve Visual Trap  Arrow gn/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque umble Strip	Type Proactive Proactive Proactive Proactive	Curves are s - 3 or more ★ - x in Proximi - within Critic  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Ch al Radius  per curve per curve per curve per curve per curve per mile	Quantity 2 0 2 0 miles 0 miles	Total cost \$6,600 \$0 \$1,600 \$0	sheets.	nt projects sugge	ested on other
Project Co.	st Es	sed S	Advanc 	Interse  overnents  ce Warning Si  otalled cop	evere Crashes Radius: ADT ction on Curve Visual Trap  Arrow gn/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque umble Strip Idder Paving	Type Proactive Proactive Proactive \$7,380 \$820	Curves are s - 3 or more ★ - x in Proximi - within Critic  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Ch al Radius  per curve per curve per curve per curve per curve per mile	Quantity 2 0 2 0 miles 0 miles	Total cost \$6,600 \$0 \$1,600 \$0 \$0 \$8,200	sheets.	nt projects sugge	ested on other
Project Co.	st Es	sed S	Advance (attach de	Interse  overnents  ce Warning Si  otalled cop	evere Crashes Radius: ADT ction on Curve Visual Trap  Arrow gn/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque umble Strip ider Paving deral Funds roject Cost	Type Proactive Proactive Proactive Proactive \$7,380 \$820 \$8,200	Curves are s - 3 or more ★ - x in Proximi - within Critic  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Ch al Radius  per curve per curve per curve per curve per curve per mile	Quantity 2 0 2 0 miles 0 miles	Total cost \$6,600 \$0 \$1,600 \$0 \$0 \$8,200	sheets.	nt projects sugge	ested on other
Project Co.	st Es	sed S	Advance (attach de	Interse  overnents  e Warning Si  etailed cop  Local Match	evere Crashes Radius: ADT ction on Curve Visual Trap  Arrow gn/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque umble Strip Ider Paving	Type Proactive Proactive Proactive Proactive \$7,380 \$820 \$8,200	Curves are s - 3 or more ★ - x in Proximi - within Critic  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Ch al Radius  per curve per curve per curve per curve per curve per mile	Quantity 2 0 2 0 miles 0 miles	Total cost \$6,600 \$0 \$1,600 \$0 \$8,200 Year of Construct	sheets.	nt projects sugge	

SFN 59959 (0		.,	Agen		ves on Wa : Walsh Coun		3 from	End grav	el section		gravel secti			
			Conta	act Name	: Sharon Lips : slipsh@nd.g	h				Tel	ephone Number:	701-352-153	0	
			ap(s). You may	y use addition	onal sheets to furt		e your proje	ect.						
Location L	)escri	iption	(Corridor (	Containin	g Curves)						SHSP Emphas	is Area (check al	I that apply)	
End Facility Type	d: Begii e: 2-Lai f: 120 e Rura	n grave	section el section d		S Shou Sho Len	ane Width: peed Limit: ilder Width: ulder Type: gth (miles): le Installed:	Low 2' Paved 0.9				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 Capa	rture Crashes	
				& Systen	nic Ranking R									
North Dakota  Curve ID	K	Α	Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	
012F 012G 012H 012I	0 0 0 0	0 0 0	990 740 730 800	120 120 120 120	No Yes No No	No No No No	* ** *	x x x x	x x x x	Chevron Chevron Chevron Chevron	- - -	-	x x x x	50 45 45 45
Ranking C	riteria	a			Severe Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes Yes		- 3 or more ★	y or Existing Che					
Describe F	Propo	sed S	Safety Impro	ovements	3									
					Arrow Sign/Speed Advis Shoulder R Shoul	Board Only sory Plaque	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 4 0 4 .0 miles .0 miles	Total cost \$13,200 \$0 \$3,200 \$0 \$0 \$16,400	Notes -		
Project Co	st Es	timat	e (attach de	etailed co	ру)					Proposed Y	ear of Construct	ion		
				Local Mato	ch (10% of Total p	deral Funds project cost) pject Cost	\$1,640	-						
NDDOT C		Offic		I No.	ı	Dofor	o Mumb				ID Number	ı		
Project Accep Notes	леи?		LLI TES LL	No		Reference	e inumber				ID Number	I		
													Page Segment ID Date	

HIGHWAY SAF				(HSIP) P	ROJE	CT APPLI	CATION					
North Dakota Depa SFN 59959 (06-2011) Please attach a locati	) A Co En	Curves of gency Name ontact Name nail Address	on Walsh 15 e: Walsh County e: Sharon Lipsh e: slipsh@nd.gov	, v			2nd Aven		rsection with ND DOT District ephone Number	: 6	0	
Location Descrip					, , ,							
	Paved		Spe Shoulde Should Length	ne Width: 1: eed Limit: H ler Width: 2' der Type: N h (miles): 8 Installed: N	ligh ' lone i.6			sis Area (check al vaired Driving Safety Restraints er Driver Safety iving Idress Lane Depa ncy Medical Capa n Safety	for all Occupar			
Describe Curren		es & Systen	nic Ranking Rev									
North Dakota Crashes Curve ID K	s, 2008 - 2012 A Radius (	(ft) ADT	Intersection on Curve	Visual	ears Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project	Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
*Curve numbering no <b>Ranking Criteria</b>			Cri Severe Crashes Radius 500	riteria > 0		Curves are se - 3 or more ★	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
		inter	Visual Trap	Yes								
Describe Propos	sed Safety In	nprovements	s									
,	j		De C Arrow Bo Sign/Speed Advisor Shoulder Rum		Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity  1 0 1 .0 miles .0 miles	Total cost \$3,300 \$0 \$800 \$0 \$0 \$0	Notes - Segmer suggested on o		on projects
Project Cost Est	imate (attacl	n detailed co	рру)					Proposed Y	ear of Construct	ion		
		Local Mate	Feder <u>ch (10% of Total proj</u> Total Proje	, ,	\$410							
NDDOT Central C	Office Only											
Project Accepted? Notes	Yes	□ No	F	Reference I	Number				ID Number			
											Page Segment ID Date	

HIGHWAY SA North Dakota Dep SFN 59959 (06-201	artmer				і (поіг)	PROJE	CI APPLI	CATION					
Please attach a loca	ation ma	Ager Cont Emai ap(s). You ma	ncy Name act Name I Address ay use additi	: Walsh Coun : Sharon Lips : slipsh@nd.g onal sheets to furl	ity sh gov			y limit to		cond horizor ND DOT District: ephone Number:	6	)	
Location Descr	iption	(Corridor	Containin	g Curves)					T	SHSP Emphas	is Area (check all	that apply)	
Start: Forc End: End Facility Type: 2-La ADT: 250 Road Type Rura County Road Wala	of seco ine al Pave	ond horizontal	curve	S Shou Sho Len	Lane Width: Speed Limit: ulder Width: oulder Type: ogth (miles): ole Installed:	High 2' Paved 1.0				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dri Improvements to Ad Enhancing Emergen Improve Intersection	aired Driving Safety Restraints r Driver Safety ving dress Lane Depa cy Medical Capal	for all Occupar	
Describe Curre North Dakota Crash			& Systen	nic Ranking R		vooro							
Curve ID K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	years Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius		Shoulder Paving Project	Shoulder Rumble Strip Project	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
019E 0 019F 0	0	1390 1440	250 250	Yes Yes	Yes Yes	** **	X X	-	Chevron Chevron		-	-	-
*Curve numbering r <i>Ranking Criteri</i>		secutive, as s		Severe Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are se	elected for proje s ty or Existing Ch	ct if:	ivel road, etc			
Describe Propo	sad S	afety Imn	ovements	•		•							
·		Advan	ce Warning	Arrow Sign/Speed Advis Shoulder R Shou	Board Only	Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 2 0 0 0 .0 miles .0 miles	Total cost \$6,600 \$0 \$0 \$0 \$0 \$0 \$0	Notes -		
Project Cost Es	timat	e (attach d	etailed co	ру)					Proposed Y	ear of Construct	ion		
			Local Mate	ch (10% of Total p	deral Funds project cost) oject Cost	\$660	-						
NDDOT Central	Offic		٦.,	1	D (		ı		1	lin N	ı		
Project Accepted? Notes		Yes [	□No		Reference	e Number	l			ID Number	<u> </u>		
												Page Segment ID Date	

## Walsh County Summary of Rural Intersection Projects

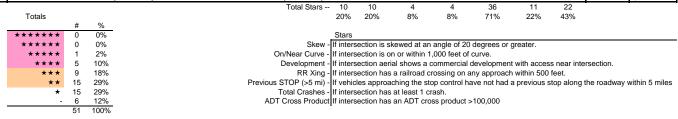
				Mainline Dynamic Warning		Signs &	
Page	Intersection ID	Description	Risk Ranking	Sign	Install Street Lights	Markings	Project Cost (\$)
1	19.09	US 81 & 55th St NE (Walsh 19)	****	-	Х	Х	\$7,850
2	12.07	136th Ave NE (Walsh 12) & 68th St NE/Park St/ND 17	***	-	Х	Х	\$9,000
3	9.1	73rd St NE (Walsh 9) & US 81	***	-	Х	Х	\$9,700
4	15.04	US 81 & 61st St NE (Walsh 15)	***	x	Х	Х	\$59,700
5	19.08	US 81 & 55th St NE (Walsh 19)	***	x	Х	Х	\$57,850
6	4.06	70th St NE & 155th Ave NE (Walsh 4)	***	-	-	Х	\$1,150
7	9.08	75th St NE (Walsh 9) & 140th Ave NE/ND 18	***	-	Х	Х	\$9,000
8	15.02	128th Ave NE/ND 32 & 62nd St NE (Walsh 15)	***	x	Х	Х	\$59,700
9	1.02	77th St NE (Walsh 1) & ND 18	***	-	Х	Х	\$9,000
10	6.02	55th St NE (Walsh 19) & 146th Ave NE (Walsh 6)	***	-	-	Х	\$6,700
11	9.06	75th St NE (Walsh 9) & 129th Ave NE/ND 32	***	-	Х	х	\$9,000
12	11.01	69th St NE/ND 17 & [Unnamed] (Walsh 11)	***	x	Х	Х	\$57,850
13	14.03	126th Ave NE (Walsh 14) & 68th St NE/ND 17	***	-	-	Х	\$1,150
14	504.02	149th Ave NE (Walsh 504) & US 81	***	-	Х	Х	\$7,850
				4	11	14	\$305,500

## Walsh County Rural Intersection Listing

Int#	Intersection Description	Skew	On/Near Curve	Development	RR Xing	ADT	Previous STOP (>5mi)	Total Crashes	ADT Cross Product >100,000	Cra	ash Cost
1.01	77 1/2th St NE (Walsh 1) & ND 18	No	No	No	No	1340	No	3	Yes	\$	848,000
1.02	77th St NE (Walsh 1) & ND 18	No	No	Yes	No	1443	Yes	0	Yes	\$	-
4.01	61st St NE (Walsh 15) & 156th Ave NE (Walsh 4)	No	No	Yes	No	580	Yes	0	No	\$	-
4.03	66th St NE & 155th Ave NE (Walsh 4)	No	No	No	No	114	No	0	No	\$	-
4.04	69th St NE/ND 17 & 156th Ave NE (Walsh 4)	No	No	No	No	1885	No	1	Yes	\$	12,000
4.05	69th St NE/ND 17 & 155th Ave NE (Walsh 4)	No	No	No	No	2080	Yes	0	Yes	\$	-
4.06	70th St NE & 155th Ave NE (Walsh 4)	No	Yes	No	No	410	Yes	1	No	\$	12,000
4.08	73rd St NE (Walsh 9) & 155th Ave NE (Walsh 4)	No	No	No	No	380	Yes	0	No	\$	-
6.02	55th St NE (Walsh 19) & 146th Ave NE (Walsh 6)	No	No	No	Yes	655	Yes	0	Yes	\$	-
6.03	61st St NE (Walsh 15) & 146th Ave NE (Walsh 6)	No	No	No	No	770	Yes	1	No	\$	91,00
8.01	62nd St NE (Walsh 15) & 142nd Ave NE (Walsh 8)	No	No	No	No	422	Yes	0	No	\$	-
8.02	67th St NE & 142nd Ave NE (Walsh 8)	Yes	Yes	No	No	139	Yes	0	No	\$	-
8.03	62nd St NE & 144th Ave NE (Walsh 8)	No	No	No	No	139	Yes	0	No	\$	-
8.04	69th St NE/ND 17 & 144th Ave NE (Walsh 8)	No	No	No	No	2775	Yes	0	Yes	\$	-
8.05	73rd St NE (Walsh 9) & 144th Ave NE (Walsh 8)	No	No	No	No	505	No	0	No	\$	-
9.01	74th St NE (Walsh 9) & 112th Ave NE (Walsh 22)	No	No	No	No	375	Yes	0	No	\$	-
9.02	74th St NE (Walsh 9) & 119th Ave NE (Walsh 16)	No	No	No	No	330	Yes	0	No	\$	-
9.06	75th St NE (Walsh 9) & 129th Ave NE/ND 32	No	No	Yes	No	1280	Yes	0	Yes	\$	-
9.07	75th St NE (Walsh 9) & 135th Ave NE (Walsh 12)	No	No	No	No	660	Yes	0	Yes	\$	-
9.08	75th St NE (Walsh 9) & 140th Ave NE/ND 18	No	No	No	No	1427	Yes	1	Yes	\$	12,00
9.09	73rd St NE (Walsh 9) & 140th Ave NE/ND 18	No	No	No	No	1265	Yes	0	Yes	\$	-
9.10	73rd St NE (Walsh 9) & US 81	Yes	No	No	Yes	1865	Yes	0	Yes	\$	-
11.01	69th St NE/ND 17 & [Unnamed] (Walsh 11)	Yes	Yes	No	Yes	668	No	0	Yes	\$	-
11.02	ND 17 & 120th Ave NE/69th St NE (Walsh 11)	No	Yes	No	No	483	No	1	No	\$	12,00
11.03	122nd Ave NE (Walsh 11) & ND 17	Yes	No	No	Yes	630	No	0	No	\$	-
12.02	131st Ave NE (Walsh 12) & 62nd St NE (Walsh 15)	No	No	No	No	505	Yes	0	No	\$	-
12.05	136th Ave NE (Walsh 12) & 56th St NE (Walsh 19)	No	No	No	No	222	Yes	0	No	\$	-
12.06	135th Ave NE (Walsh 12) & 62nd St NE (Walsh 15)	No	No	No	No	770	Yes	0	Yes	\$	-
12.07	136th Ave NE (Walsh 12) & 68th St NE/Park St/ND 17	No	No	Yes	No	3223	Yes	1	Yes	\$	12,00
14.01	125th Ave NE (Walsh 14) & 58th St NE (Walsh 19)	No	No	No	No	198	Yes	0	No	\$	-
14.02	125th Ave NE (Walsh 14) & 62nd St NE (Walsh 15)	No	No	No	No	725	Yes	0	Yes	\$	-
14.03	126th Ave NE (Walsh 14) & 68th St NE/ND 17	Yes	Yes	No	No	820	Yes	0	No	\$	-
15.01	116th Ave NE/ND 35 & 62nd St NE (Walsh 15)	No	No	No	No	263	Yes	1	No	\$	136,00
15.02	128th Ave NE/ND 32 & 62nd St NE (Walsh 15)	No	No	No	No	1198	Yes	1	Yes	\$	12,00
15.03	139th Ave NE/ND 18 & 62nd St NE (Walsh 15)	No	No	No	No	880	No	0	Yes	\$	-
15.04	US 81 & 61st St NE (Walsh 15)	Yes	Yes	No	No	3065	Yes	0	Yes	\$	-
16.01	119th Ave NE/Kongsberg St (Walsh 16) & 69th St NE/ND 17	No	No	No	No	290	Yes	0	No	\$	-
16.02	County Rd 16/119th Ave NE (Walsh 16) & 78th St NE (Walsh 32)	No	No	No	No	100	Yes	1	No	\$	12,00
19.01	116th Ave NE/ND 35 & 57th St NE (Walsh 19)	No	No	No	No	175	Yes	0	No	\$	-
19.02	116th Ave NE/ND 35 & 58th St NE (Walsh 19)	No	No	No	No	170	Yes	0	No	\$	-
19.03	128th Ave NE/ND 32 & 58th St NE (Walsh 19)	No	No	No	No	698	No	0	No	\$	-
19.04	128th Ave NE/ND 32 & 55th St NE (Walsh 19)	No	No	No	No	857	No	0	Yes	\$	-
19.05	139th Ave NE/ND 18 & 56th St NE (Walsh 19)	No	No	No	No	715	Yes	0	No	\$	-
19.08	US 81 & 55th St NE (Walsh 19)	Yes	Yes	No	No	1738	Yes	0	Yes	\$	-
19.09	US 81 & 55th St NE (Walsh 19)	Yes	Yes	No	No	1743	Yes	1	Yes	\$	12,00
22.01	112th Ave NE (Walsh 22) & 69th St NE/ND 17	No	No	No	No	238	Yes	0	No	\$	
32.01	116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)	No	No	No	No	70	Unknown	0	No	\$	-
32.02	123rd Ave NE (Walsh 45) & 78th St NE (Walsh 32)	No	No	No	No	45	Unknown	0	No	\$	-
03.01	Woodcrest Dr (Walsh 503) & 69th Pl NE/W 5th St/69 1/2th St NE (Walsh 504)	No	No	No	No	195	No	0	No	\$	-
504.01	149th Ave NE (Walsh 504) & 61st St NE (Walsh 15)	Yes	Yes	No	No	375	No	0	No	\$	-
04.02	149th Ave NE (Walsh 504) & US 81	Yes	Yes	No	No	870	No	0	Yes	\$	

### Walsh County Rural Intersection Prioritization

1   19.09   US 81 & 55th St NE (Walsh 19)	Rank	Int#	Intersection Description	Skew	On/Near Curve	Development	RR Xing	Previous STOP (>5mi)	Total Crashes	ADT Cross Product >100,000	Priority	Cra	ash Cost
2	1	10.00	LIC 91 8 55th St NE (Molch 10)	_	_				_		****	•	12.000
3   9,10   73rd SNE (Wolsh 9) & US 81					*	+							12,000
4				+			+						-
5					+							•	-
6 19.08 US 81 8.55th Str. (Walsh 19)  * * * * * * * * * * * * * * * * * *								+					-
T													
8 9.08 75th StN E (Walsh 9) & 140th Ave NE/ND 18									+				12,000
9 15.02 128th Ave NEADD 32 & 62nd SIN E (Walsh 15)					^					+			12,000
10   1.02   77h St NE (Walsh 1) & ND 18													12,000
11						+							12,000
12"   8.02							+						-
13   9.06   75th St NE (Walsh 9) & 129th Ave NE/ND 32				+	+							٠	-
14						+				+			-
15				+	+								-
16										+			
15.01	_								+			•	848,000
18								+					136,000
19												•	91,000
20										+			12,000
21					+								12,000
22			, , , , , , , , , , , , , , , , , , , ,		^			+				•	12,000
23						+						+	-
24 8.04 69th St NE/ND 17 & 144th Ave NE (Walsh 8)										+		-	-
25													-
26 9.09 73rd St NE (Walsh 9) & 140th Ave NEND 18													-
27													-
12.06				+			+						-
29								+		+			
30   504.01   149th Ave NE (Walsh 504) & 61st St NE (Walsh 15)													-
31				+	+								-
32   8.01   62nd St NE (Walsh 15) & 142nd Ave NE (Walsh 8)					^			+					-
33 8.03 62nd St NE & 144th Ave NE (Walsh 8)													-
34 9.01 74th St NE (Walsh 9) & 112th Ave NE (Walsh 22)													-
35   9.02   74th St NE (Walsh 9) & 119th Ave NE (Walsh 16)													-
36													-
37   12.05   136th Ave NE (Walsh 12) & 56th St NE (Walsh 19)													-
38													-
39													-
40 16.01 119th Ave NE/Kongsberg St (Walsh 16) & 69th St NE/ND 17										+			-
41 19.01 116th Ave NE/ND 35 & 57th St NE (Walsh 19)								*					-
42       19.02       116th Ave NE/ND 35 & 58th St NE (Walsh 19)       ★       ★       \$         43       19.04       128th Ave NE/ND 32 & 55th St NE (Walsh 19)       ★       ★       \$         44       19.05       139th Ave NE/ND 18 & 56th St NE (Walsh 19)       ★       ★       \$         45       22.01       112th Ave NE (Walsh 22) & 69th St NE/ND 17       ★       ★       \$         46       4.03       66th St NE & 155th Ave NE (Walsh 4)       \$       \$         47       8.05       73rd St NE (Walsh 9) & 144th Ave NE (Walsh 8)       \$       \$         48       19.03       128th Ave NE/ND 32 & 58th St NE (Walsh 19)       \$       \$         49       32.01       116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)       \$													_
43       19.04       128th Ave NE/ND 32 & 55th St NE (Walsh 19)       ★       ★       \$         44       19.05       139th Ave NE/ND 18 & 56th St NE (Walsh 19)       ★       ★       \$         45       22.01       112th Ave NE (Walsh 22) & 69th St NE/ND 17       ★       ★       \$         46       4.03       66th St NE & 155th Ave NE (Walsh 4)       \$       \$         47       8.05       73rd St NE (Walsh 9) & 144th Ave NE (Walsh 8)       \$         48       19.03       128th Ave NE/ND 32 & 58th St NE (Walsh 19)       \$         49       32.01       116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)       \$											*		-
44     19.05     139th Ave NE/ND 18 & 56th St NE (Walsh 19)     ★     ★     \$       45     22.01     112th Ave NE (Walsh 22) & 69th St NE/ND 17     ★     ★     \$       46     4.03     66th St NE & 155th Ave NE (Walsh 4)     \$       47     8.05     73rd St NE (Walsh 9) & 144th Ave NE (Walsh 8)     \$       48     19.03     128th Ave NE/ND 32 & 58th St NE (Walsh 19)     \$       49     32.01     116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)     \$										*			-
45 22.01 112th Ave NE (Walsh 22) & 69th St NE/ND 17								*					-
46       4.03       66th St NE & 155th Ave NE (Walsh 4)       \$         47       8.05       73rd St NE (Walsh 9) & 144th Ave NE (Walsh 8)       \$         48       19.03       128th Ave NE/ND 32 & 58th St NE (Walsh 19)       \$         49       32.01       116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)       \$													-
47       8.05       73rd St NE (Walsh 9) & 144th Ave NÉ (Walsh 8)       \$         48       19.03       128th Ave NE/ND 32 & 58th St NE (Walsh 19)       \$         49       32.01       116th Ave NE (Walsh 39) & 78th St NE (Walsh 32)       \$								**			, and the second		-
48 19.03 128th Ave NE/ND 32 & 58th St NE (Walsh 19) \$ 49 32.01 116th Ave NE (Walsh 39) & 78th St NE (Walsh 32) \$													-
49 32.01 116th Ave NE (Walsh 39) & 78th St NE (Walsh 32) \$													-
													-
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													-
58 503.01 Woodcrest Dr (Walsh 503) & 69th PI NE/W 5th St/69 1/2th St NE (Walsh 504) \$				1)									-



LUGUNAY OA FETY III	DD 01/51	IENT DDOOD A	M (UOID) DDG I	-07 4 001 1	0471011		
HIGHWAY SAFETY IM  North Dakota Department of T			M (HSIP) PROJE	CI APPLI	CATION		
SFN 59959 (06-2011)	ransportati	Jiri Togramming					
		US	81 & 55th St N	NE (Walsh	า 19)		
Agency Name: \					<b>DOT District</b>	-	
Contact Name:				Teleph	none Number	: 701-352-15	30
Email Address:							
Please attach a location map(s). ` <b>Location Description</b>	You may use	additional sheets to fi	urther describe your pro	ject			
Location Description				T	SHSP En	nphasis Area (cl	neck all that apply)
Configuration: <sup>1</sup> Configuration (2): \ Urban/Rural: \ County: \ Entering ADT: \	Undivided Rural Walsh	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 1648		Reduce Alcoh Increase the L Younger Drive Curb Aggress Improvements	ol Impaired Driv Jse of Safety Re er/Older Driver S ive Driving to Address Lan nergency Medica	ing estraints for all Occupants
Describe Current Safety Is	ssues & S	ystemic Ranking	Review				
North Dakota TBD, 2008 - 2012		5	years				
	Total	Angle	K+A		- E		- 4-
Crashes	1	0	0.00		1		
Rate (per MVM)	0.3	0.0	0.0				and the same of
					1 3		
	Value	Critical	Risk Ranking		10	12	ALL OF THE PARTY
Skew	Yes	Yes	*		The same of the sa	2011.1	The state of the s
On/Near Curve Development	Yes No	Yes Yes	*		3	160	I was and
Near RR Crossing	No	Yes			THE PARTY NAMED IN		THE SECTION ASSESSMENT
Distance from previous STOP	Yes	Yes	*				■ 日本の 日本
Volume Cross Product	Yes	≥ 100,000	*				
Total Crashes	11	>0	***		9 /		The same of
Describe Proposed Safety	/ Improve	ments					
Г	Description	Unit Cost		Units	Cost	Notes -	
	oundabout		per intersection	0	\$0.00	_110163 -	
	nal Median		per intersection	0	\$0.00		
Mainline Dynamic Wa			per intersection	0	\$0.00		
Installing St	se Median		per intersection per street light	0 1	\$0.00 \$6,000.00		
	Stop Sign		per sign	1	\$350.00		
Upgrade Jur			per sign	1	\$350.00		
Upgrade Stop A Upgrade Stop Ahea			per sign per marking	1 1	\$450.00 \$450.00		
. •	e Stop Bar		per marking	1	\$250.00		
Review Signs	•	· ·	per intersection	0	\$0.00		
Ciana and Maulines and Chart I	:			4	\$7,850.00		
Signs and Markings and Street Li <b>Project Cost Estimate (att</b>			er of millor legs associa		Year of Con	struction	
110jest Cost Zetimate (utt	uon uotan	ou copy)			1001010011	0.1.401.01.	
	eral Funds	\$7,065					
Local Match (10% of Total p <u>r</u> Total Pro		\$785 <b>\$7,850</b>	=				
Total Flog	Jeci Cosi	φ <i>1</i> ,030					
NDDOT Central Office Onl	ly						
	Yes [	No	Reference Number			ID Number	
Notes							
						14.	Page: 1
						inte	ersection ID: 19.09 Date: 10/23/2013

HIGHWAY SAFETY IMINOrth Dakota Department of Ti			M (HSIP) PROJEC	T APPL	ICATION			
SFN 59959 (06-2011)			(Malah 42) 9 60	46 C4 N	E/Douls Ct/	ND 47		
Aganay Namar N			(Walsh 12) & 68		DOT District			
Agency Name: \ Contact Name: S					hone Number	-	30	
Email Address:		•		ТОЮР	none manibe	. 701 002 10		
Please attach a location map(s).			urther describe your projec	t				
Location Description			<u> </u>					
•					SHSP Er	mphasis Area (c	heck all that apply)	
						ol Impaired Driv		
Configuration: >		Traffic Control Device:					estraints for all Occup	ants
Configuration (2): Urban/Rural: F		Street Lights: Flashers:			Curb Aggress	er/Older Driver S	barety	
County: V		Major Entering ADT:				_	ne Departure Crashes	<b>5</b>
Entering ADT: 3		Minor Entering ADT					al Capabilities to Incre	
				<b>V</b>	Improve Inters	section Safety		
Describe Current Safety Is	SCHOC 8	Systomic Banking	Poviow					
North Dakota TBD, 2008 - 2012	sues a		years					
		_	, ,					
	Total	Angle	K+A			1623	MC 3	
Crashes	1 0.2	0 0.0	0.00 0.0					
Rate (per MVM)	0.2	0.0	0.0				15 4 4 A	
						Establish	1	
	Value	Critical	Risk Ranking		7		1	EL.
Skew	No	Yes			A STATE OF THE PARTY OF THE PAR	THE PARTY OF	-	
On/Near Curve	No	Yes				1		
Development Near RR Crossing	Yes No	Yes Yes	*					
Distance from previous STOP	Yes	Yes	*		5			
Volume Cross Product	Yes	≥ 100,000	*					~
Total Crashes	1	>0	*					
			***				4	
Describe Proposed Safety	Improve	ements						
	)occription	Unit Cost		Units	Cont	Notos		
	escription oundabout		per intersection	0	Cost \$0.00	Notes -		
	nal Median		per intersection	0	\$0.00			
Mainline Dynamic Wa	rning Sign	\$50,000	per intersection	0	\$0.00			
	se Median		per intersection	0	\$0.00			
Installing Str	reet Lights Stop Sign		per street light per sign	1 2	\$6,000.00 \$700.00			
Upgrade Jun			per sign	2	\$700.00			
Upgrade Stop A			per sign	2	\$900.00			
Upgrade Stop Ahea	•		per marking	1	\$450.00			
. •	Stop Bar		per marking	1	\$250.00			
Review Signs	and CST	\$2,450	per intersection	0	\$0.00 \$9,000.00	_		
Signs and Markings and Street Lig	ght project	costs vary by the numb	er of minor legs associated	I with the into				
Project Cost Estimate (atta			Ü		d Year of Con	struction		
		** ***						
Fede Local Match (10% of Total pro	eral Funds	\$8,100 \$900						
Total Proj			=					
10.0.1.10	001 0001	ψο,σσσ						
NDDOT Central Office Onl	'y							
, ,	Yes	□No	Reference Number			ID Number		
Notes								
							Page: 2	
						Inte	ersection ID: 12.07	112

HIGHWAY SAFETY IMPROVEMENT PRO		CT APPLICATION	
North Dakota Department of Transportation Programm SFN 59959 (06-2011)		- O/ 0 11C 04	
Agency Name: Walsh County Contact Name: Sharon Lipsh Email Address: slipsh@nd.gov Please attach a location map(s). You may use additional she	73rd St NE (Walsh	ND DOT District: 6 Telephone Number: 701-352-1530	
Location Description	, , ,		
Configuration (2): Undivided Stree Urban/Rural: Rural F	Device: thru-STOP t Lights: No laghts: No laght: 1593 laght: 273	SHSP Emphasis Area (check all that apply)  Reduce Alcohol Impaired Driving  Increase the Use of Safety Restraints for all Occupants  Younger Driver/Older Driver Safety  Curb Aggressive Driving  Improvements to Address Lane Departure Crashes  Enhancing Emergency Medical Capabilities to Increase Surv  Improve Intersection Safety	vivability
Describe Current Safety Issues & Systemic Ra			
North Dakota TBD, 2008 - 2012	5 years		
Total         Angle           Crashes         0         0           Rate (per MVM)         0.0         0.0	K+A 0.00 0.0		
Value Critical Skew Yes Yes	Risk Ranking ★		
On/Near Curve No Yes			
Development No Yes  Near RR Crossing Yes Yes	*		
Distance from previous STOP Yes Yes	*		
Volume Cross Product Yes ≥ 100,00 Total Crashes 0 >0	*		
	***		
Describe Proposed Safety Improvements			
Description Unit Cos	t	Units Cost Notes	
Roundabout \$1,0	00,000 per intersection	0 \$0.00	
	50,000 per intersection	0 \$0.00	
, , , , , , , , , , , , , , , , , , , ,	50,000 per intersection 25,000 per intersection	0 \$0.00 0 \$0.00	
•	\$6,000 per street light	1 \$6,000.00	
Upgrade Stop Sign	\$350 per sign	2 \$700.00	
Upgrade Junction Sign Upgrade Stop Ahead Sign	\$350 per sign	2 \$700.00 2 \$900.00	
Upgrade Stop Ahead Marking	\$450 per sign \$450 per marking	2 \$900.00 2 \$900.00	
Upgrade Stop Bar	\$250 per marking	2 \$500.00	
Review Signs and CST	\$2,450 per intersection	0 \$0.00 \$9.700.00	
Signs and Markings and Street Light project costs vary by th	e number of minor legs associated		
Project Cost Estimate (attach detailed copy)		Proposed Year of Construction	
F			
Federal Funds \$8,730 Local Match (10% of Total project cost) \$970			
Total Project Cost \$9,700			
NDDOT Central Office Only			
Project Accepted?	Reference Number	ID Number	
Notes		,	
		Page: 3	
		Intersection ID: 9.10 Date: 10/23/2013	

HIGHWAY SAFETY IN North Dakota Department of			M (HSIP) PROJI	ECT APPLI	CATION			
SFN 59959 (06-2011)	папъропаш	Jii Fiogramming						
		69th St N	IE/ND 17 & [Ui	nnamed] (	(Walsh 11)			
Agency Name:		unty	_	ND	<b>DOT District</b>	: 6		
Contact Name:				Teleph	one Number	: 701-352-15	30	
Email Address:								
Please attach a location map(s). <b>Location Description</b>	You may use	additional sheets to f	urther describe your pro	pject				
Location Description					SHSP Em	nphasis Area (ch	neck all that apply)	
Configuration: Configuration (2): Urban/Rural:	Undivided Rural	Traffic Control Device: Street Lights: Flashers:	No No		Reduce Alcoho Increase the U Younger Drive Curb Aggressi	ol Impaired Driv Ise of Safety Re r/Older Driver S ve Driving	ing estraints for all Occupa afety	
County: Entering ADT:		Major Entering ADT: Minor Entering ADT:			•	ergency Medica	e Departure Crashes al Capabilities to Incre	
Describe Current Safety I	Issues & S	vstemic Ranking	Review					
North Dakota TBD, 2008 - 2012	Journal G	•	years					
	Tatal	A marila	IZ . A					
Crashes	Total 0	Angle 0	0.00		11.00			4.
Rate (per MVM)		0.0	0.0					100
								<b>3</b>
					1			
	Value	Critical	Risk Ranking					
Skew	Yes	Yes	*		-	3		100
On/Near Curve		Yes	*			- In	1	
Development Near RR Crossing		Yes Yes						
Distance from previous STOP		Yes	^		TOTAL TOTAL			
Volume Cross Product		≥ 100,000	*					
Total Crashes	0	>0	****			1		
			^^^					_
Describe Proposed Safet	y Improve	ments						
	Description	Unit Cost		Units	Cost	Notes		
	Roundabout		per intersection	0	\$0.00	_110100 .		
Directio	nal Median		per intersection	0	\$0.00			
Mainline Dynamic W			per intersection	1	\$50,000.00			
	ose Median Street Lights		per intersection per street light	0 1	\$0.00 \$6,000.00			
	e Stop Sign		per sign	1	\$350.00			
Upgrade Ju			per sign	1	\$350.00			
Upgrade Stop			per sign	1	\$450.00			
Upgrade Stop Ahe	•		per marking	1	\$450.00			
	de Stop Bar	·	per marking	1	\$250.00			
Review Sigr	is and CST	\$2,450	per intersection	0	\$0.00 \$57,850.00	_		
Signs and Markings and Street L	iaht proiect c	osts vary by the numb	er of minor leas associa	ated with the inte				
Project Cost Estimate (at			Ŭ		Year of Cons	struction		
E.	danal Ermida	<b>#50.005</b>						
Local Match (10% of Total p	deral Funds	\$52,065 \$5,785						
	oject Cost	\$57,850	_					
	-	. ,						
NDDOT Central Office On		7	lo c			IID N		
Project Accepted? Notes	Yes	□No	Reference Number			ID Number		
110103								
							Page: 4	
						Inte	ersection ID: 11.01 Date: 10/23/20	13

LUGUNAY OA FETY III	1000/5	WENT DOOD!	M (UOID) DDG ID	-07 4 001 1	047001		
HIGHWAY SAFETY IN North Dakota Department of			M (HSIP) PROJE	ECT APPLI	CATION		
SFN 59959 (06-2011)	Transportati						
		US	81 & 61st St N	NE (Walsh	า 15)		
Agency Name:					DOT District		
Contact Name:		•		Teleph	none Number	: 701-352-15	30
Email Address:			urthar dagariba yayr proj	ioot			
Please attach a location map(s). <b>Location Description</b>	Tou may us	e additional sheets to h	urther describe your proj	jeci			
Location Description				Τ	SHSP En	nphasis Area (ch	neck all that apply)
						ol Impaired Drivi	
Configuration:		Traffic Control Device:	•			Jse of Safety Re er/Older Driver S	straints for all Occupants
Configuration (2): Urban/Rural:		Street Lights: Flashers:			Curb Aggressi		alety
County:		Major Entering ADT:					e Departure Crashes
Entering ADT:	3065	Minor Entering ADT:	840				al Capabilities to Increase Survivability
				✓	Improve Inters	section Safety	
Describe Current Safety I	ssues & S	Systemic Ranking	Review				
North Dakota TBD, 2008 - 2012			years				
	Total	Angle	K+A				
Crashes		O Aligie	0.00				
Rate (per MVM)		0.0	0.0				AND ASSESSMENT OF THE PARTY OF
							2/5
	Value	Critical	Risk Ranking				
Skew	Yes	Yes	*			Maria III	CALL BY
On/Near Curve		Yes	*		S PROPERTY OF	To Car	FILE
Development		Yes				1	one 200
Near RR Crossing Distance from previous STOP		Yes Yes	*		TO THE PERSON OF	THE PARTY OF THE P	
Volume Cross Product		≥ 100,000	*		-		The state of the s
Total Crashes	0	>0				I THE SER	W TOO L
			***				
Describe Proposed Safet	y Improve	ements					
	Description	Unit Cost		Units	Cost	Notes Coam	ont and ourse projects ourgosted on
	Description Roundabout		per intersection	0	\$0.00	_ Notes - Segme other sheets.	ent and curve projects suggested on
	nal Median		per intersection	0	\$0.00	J. 10. 0.100.0.	
Mainline Dynamic W			per intersection	1	\$50,000.00		
	ose Median Street Lights		per intersection per street light	0 1	\$0.00 \$6,000.00		
	e Stop Sign		per sign	2	\$700.00		
Upgrade Ju			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	0	\$0.00		
			•		\$59,700.00	_	
Signs and Markings and Street L <b>Project Cost Estimate (at</b>			er of minor legs associa		ersection.  I Year of Cons	ctruction	
Project Cost Estimate (at	lacii delai	теа сору)		Proposed	rear or Cons	Struction	
	deral Funds	\$53,730					
Local Match (10% of Total p		\$5,970	=				
l otal Pro	oject Cost	\$59,700					
NDDOT Central Office On	ıly						
Project Accepted?	☐ Yes [	□No	Reference Number			ID Number	
Notes							
						lata	Page: 5 ersection ID: 15.04
						inte	Prsection ID: 15.04 Date: 10/23/2013

	100 6) (EI	UENT DDOOD A	M (UOID) DDG I	-07 4 001 1	0471011			
HIGHWAY SAFETY IN North Dakota Department of			M (HSIP) PROJE	CI APPLI	CATION			
SFN 59959 (06-2011)	Transportati							
		US	81 & 55th St N	NE (Walsh	า 19)			
Agency Name:					DOT District	-		
Contact Name:				Telepr	none Number	: 701-352-15	30	
Email Address: Please attach a location map(s).			urthor doporibo your pro	ioot				
Location Description	Tou may use	e additional silects to h	urtiler describe your proj	jeci				
						nphasis Area (cl ol Impaired Driv	neck all that apply)	
Configuration:	Т	Traffic Control Device:	thru-STOP			•	estraints for all Occupar	nts
Configuration (2):	Undivided	Street Lights:	No			r/Older Driver S	afety	
Urban/Rural:		Flashers:			Curb Aggressi	-	- Danastura Creakes	
County: Entering ADT:		Major Entering ADT: Minor Entering ADT:			•		le Departure Crashes al Capabilities to Increa	ise Survivahility
Entering AD1.	1700	Willion Entering ABT.	000		Improve Inters		ar capabilities to morea	ioc oui vivability
Describe Current Safety I	Issues & S	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012		5	years					
	Total	Angle	K+A					iii.
Crashes	0	0	0.00					lit.
Rate (per MVM)	0.0	0.0	0.0					0.
						1		b
	Value	Critical	Risk Ranking		18			
Skew		Yes	*			1	1	S. C.
On/Near Curve		Yes	*					
Development Near RR Crossing		Yes Yes			101			4
Distance from previous STOP		Yes	*		27-11	N TO THE REAL PROPERTY.	-	
Volume Cross Product	Yes	≥ 100,000	*				111	
Total Crashes	0	>0	***	_				
Describe Proposed Safet	y Improve	ments						
	Description	Unit Cost		Units	Cost	Notes -		
	Roundabout		per intersection	0	\$0.00			
Direction  Mainline Dynamic W	onal Median		per intersection per intersection	0 1	\$0.00 \$50,000.00			
	ose Median		per intersection	0	\$0.00			
	Street Lights		per street light	1	\$6,000.00			
	e Stop Sign		per sign	1	\$350.00			
Upgrade Ju Upgrade Stop			per sign per sign	1 1	\$350.00 \$450.00			
Upgrade Stop Ahe			per marking	1	\$450.00			
. •	de Stop Bar	·	per marking	1	\$250.00			
Review Sigr	is and CST	\$2,450	per intersection	0	\$0.00 \$57,850.00	_		
Signs and Markings and Street L	_iaht proiect (	costs vary by the numb	er of minor legs associa	ted with the inte				
Project Cost Estimate (at					Year of Cons	struction		
Eor	deral Funds	\$52,065						
Local Match (10% of Total p		\$5,785						
` .	ject Cost	\$57,850	<del>-</del>					
NDDOT Control Office On	- <b>!</b>							
NDDOT Central Office Or Project Accepted?		□No	Reference Number			ID Number	I	
Notes			reference (variber			ID Number		
							Page: 6	
						Inte	ersection ID: 19.08	
							Date: 10/23/201	3

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HIGHWAY SAFETY IM  North Dakota Department of T			M (HSIP) PROJE	ECT APPLIC	ATION		
SFN 59959 (06-2011)	ranoportatio						
			t NE & 155th A	•	•		
Agency Name:					OOT District		
Contact Name:				Telepho	one Number	r: 701-352-15	30
Email Address: Please attach a location map(s).			irther describe your pro	iect			
Location Description	Tou may do	additional oncoto to 1	artiror december year proj	joot			
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Walsh	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 305		Reduce Alcoh Increase the U Younger Drive Curb Aggress Improvements Enhancing En	nol Impaired Drivi Jse of Safety Re er/Older Driver S ive Driving s to Address Lan	straints for all Occupants
Describe Current Safety Is	ssues & S	ystemic Ranking	Review	•			
North Dakota TBD, 2008 - 2012		5	years				
	Total	Angle	K+A		A STATE OF THE PARTY OF		
Crashes	1	0	0.00	_			DI Comme
Rate (per MVM)	1.3	0.0	0.0	-			
					TA	6	
		0.111	D: 1 D 1:				A TOP S
Skew	Value No	Critical Yes	Risk Ranking	_	1		Sand Sand
On/Near Curve	Yes	Yes	*				
Development	No	Yes					(C) (A) (C) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	*			Marin B.	
Volume Cross Product	No	≥ 100,000				31	
Total Crashes	1	>0	* *	-			1
Describe Proposed Safety	/ Improve	ments					
[	Description	Unit Cost		Units	Cost	Notes - Qualifi	es for a street light. Option to replace
R	loundabout	\$1,000,000	per intersection	0	\$0.00	yield signs ins	tead of STOP signs. Segment and
Direction  Mainline Dynamic Wa	nal Median		per intersection per intersection	0 0	\$0.00 \$0.00	curve projects	suggested on other sheets.
-	ose Median		per intersection	0	\$0.00		
Installing St			per street light per sign	0	\$0.00 \$350.00		
Upgrade Jui	e Stop Sign nction Sign		per sign	1	\$350.00		
Upgrade Stop A		\$450	per sign	1	\$450.00		
Upgrade Stop Ahea Upgrad	ad Marking le Stop Bar		per marking per marking	0 0	\$0.00 \$0.00		
Review Sign			per intersection	0	\$0.00		
Signs and Markings and Street Li	iaht project c	osts vary by the numb	er of minor legs associa	ted with the inters	\$1,150.00		
Project Cost Estimate (att			or or minor lege deceda		Year of Con	struction	
		04.005					
Local Match (10% of Total p	leral Funds roiect cost)	\$1,035 \$115					
	ject Cost	\$1,150	-				
NDDOT Control Office On	1.,						
NDDOT Central Office On Project Accepted?		] No	Reference Number	T		ID Number	T
Notes			1. 12.0.0.100 Hallibor				ı
							D 7
						Into	Page: 7 ersection ID: 4.06
						inc	Date: 10/23/2013

HIGHWAY SAFETY IN North Dakota Department of			M (HSIP) PROJE	CT APPLI	CATION		
SFN 59959 (06-2011)	Папоронацо						
		75th St N	E (Walsh 9) & '	140th Ave	NE/ND 1	8	
Agency Name:					<b>DOT District</b>	- •	
Contact Name:				Teleph	one Number	: 701-352-15	30
Email Address:			urthar dagariba yayr proj	inat			
Please attach a location map(s). <b>Location Description</b>	Tou may use	additional sneets to i	urther describe your proj	eci			
Location Description					SHSP Er	nphasis Area (ch	neck all that apply)
					Reduce Alcoh	ol Impaired Drivi	ing
Configuration: Configuration (2):		Fraffic Control Device:				Jse of Safety Re er/Older Driver S	straints for all Occupants
Urban/Rural:		Street Lights: Flashers:			Curb Aggress		arety
County:	Walsh	Major Entering ADT:			Improvements	to Address Lan	e Departure Crashes
Entering ADT:	1427	Minor Entering ADT:	252		Enhancing En Improve Inters		al Capabilities to Increase Survivability
					improve inters	section Salety	
Describe Current Safety I	ssues & S	ystemic Ranking	Review				
North Dakota TBD, 2008 - 2012		5	years				
	Total	Angle	K+A			A Page	
Crashes		0	0.00		Tales militaria		
Rate (per MVM)	0.4	0.0	0.0				
					於條例加護其		
	Value	Critical	Risk Ranking		<b>在核构图图</b>		
Skew		Yes				243	19
On/Near Curve Development		Yes Yes				B-	1
Near RR Crossing		Yes				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Distance from previous STOP	Yes	Yes	*		2322		M-22-11
Volume Cross Product Total Crashes		≥ 100,000 >0	*			- 原	
Total Orasiles	<u>.</u>		***	<del></del>			
Describe Proposed Safet	y Improvor	monte					
Describe i Toposeu Garet	y iiiipi oveii	ilents					
	Description	Unit Cost		Units	Cost		ent and curve projects suggested on
	Roundabout onal Median		per intersection per intersection	0 0	\$0.00 \$0.00	other sheets.	
Mainline Dynamic W			per intersection	0	\$0.00 \$0.00		
Clo	ose Median	\$25,000	per intersection	0	\$0.00		
	Street Lights e Stop Sign		per street light per sign	1 2	\$6,000.00 \$700.00		
Upgrade Ju			per sign	2	\$700.00		
Upgrade Stop	Ahead Sign	\$450	per sign	2	\$900.00		
Upgrade Stop Ahe	ead Marking de Stop Bar		per marking per marking	1 1	\$450.00 \$250.00		
Review Sign			per intersection	0	\$0.00		
					\$9,000.00	<del>_</del>	
Signs and Markings and Street L <b>Project Cost Estimate (at</b>			er of minor legs associa		rsection. Year of Con	struction	
Troject Cost Estimate (at	tacri detain	за сору)		Порозец	rear or con	3ti detion	
	deral Funds	\$8,100					
Local Match (10% of Total pro	oroject cost) oject Cost	\$900 <b>\$9,000</b>	_				
Totaliic	nject Cost	ψ3,000					
NDDOT Central Office On							
Project Accepted? Notes	Yes	] No	Reference Number			ID Number	
140103							
							Page: 8
						Inte	rsection ID: 9.08
							Date: 10/23/2013

HIGHWAY SAFETY IM  North Dakota Department of 1			M (HSIP) PROJE	ECT APPLIC	CATION		
SFN 59959 (06-2011)	ransportati	on Frogramming					
		128th Ave	NE/ND 32 & 6	2nd St NE	(Walsh 1	5)	
Agency Name:					<b>DOT District</b>	-	
Contact Name:				Teleph	one Number	: 701-352-15	30
Email Address: Please attach a location map(s).			urther describe your pro	viect			
Location Description	Tou may us	e additional sincets to h	urtirer describe your pro	ject			
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Walsh 1198	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 820 378		Reduce Alcoh Increase the L Younger Drive Curb Aggressi Improvements	ol Impaired Driv Jse of Safety Re er/Older Driver S ive Driving to Address Lan nergency Medica	straints for all Occupants
Describe Current Safety I	ssues & S						
North Dakota TBD, 2008 - 2012		5	years				
	Total	Angle	K+A		Transport to the second second		
Crashes Rate (per MVM)	1 0.5	0 0.0	0.00 0.0				
Trate (per liviviii)	0.5	0.0	0.0	_	7 -100		
						AND THE REAL PROPERTY.	
	Value	Critical	Risk Ranking				
Skew	No	Yes	rtisk rtanking		-		
On/Near Curve	No	Yes			7 1	<b>高雄</b>	
Development Near RR Crossing	No No	Yes Yes			1 1		
Distance from previous STOP	Yes	Yes	*		1 1		
Volume Cross Product		≥ 100,000	*		1 1		
Total Crashes	1	>0	* *				PROBLEM TO THE PARTY.
Describe Draws and Cofet		manta					
Describe Proposed Safety	y improve	ments					
	Description	Unit Cost		Units	Cost		ent projects suggested on other
	Roundabout anal Median		per intersection per intersection	0 0	\$0.00 \$0.00	sheets.	
Mainline Dynamic Wa			per intersection	1	\$50,000.00		
	ose Median		per intersection	0	\$0.00		
	treet Lights e Stop Sign		per street light per sign	1 2	\$6,000.00 \$700.00		
Upgrade Ju		\$350	per sign	2	\$700.00		
Upgrade Stop A Upgrade Stop Ahe			per sign per marking	2 2	\$900.00 \$900.00		
. Upgrad	de Stop Bar	\$250	per marking	2	\$500.00		
Review Sign	is and CST	\$2,450	per intersection	0	\$0.00 \$59,700.00	_	
Signs and Markings and Street L			er of minor legs associa	ited with the inte			
Project Cost Estimate (att	tach detai	led copy)		Proposed	Year of Con	struction	
Fed	deral Funds	\$53,730					
Local Match (10% of Total p	roject cost)	\$5,970	_				
Total Pro	ject Cost	\$59,700					
NDDOT Central Office On	lv						
Project Accepted?		□No	Reference Number	T		ID Number	
Notes							
							Page: 9
						Inte	ersection ID: 15.02
							Date: 10/23/2013

HIGHWAY SAFETY IMP North Dakota Department of Tra			M (HSIP) PROJEC	T APPLI	CATION			
SFN 59959 (06-2011)			th Ct NE (Wolch	4\ 0 NII	D 40			
Agency Name: W Contact Name: SI Email Address: sl	haron Lips	nty sh	th St NE (Walsh	ND	DOT District none Number		30	
Please attach a location map(s). Yo			urther describe your project					
Location Description								
Configuration: X Configuration (2): Ur Urban/Rural: Ru County: W Entering ADT: 14	ndivided ural alsh I 43 I	affic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 1223 220		Reduce Alcoh Increase the L Younger Drive Curb Aggress Improvements	ol Impaired Driv Use of Safety Re er/Older Driver S ive Driving to Address Lar nergency Medic	estraints for all Occafety ne Departure Cras	cupants
Describe Current Safety Iss	sues & Sys							
North Dakota TBD, 2008 - 2012		5	years					
	Total	Angle	K+A		B (71 M. 184)	10 11 152	At the same of the	2.3
Crashes	0 0.0	0 0.0	0.00		Trans T . To	A TOTAL D		
Rate (per MVM)	0.0	0.0	0.0					
Skew	Value No	Critical Yes	Risk Ranking		The state of the s			
On/Near Curve	No	Yes					COURSE MOTOR	
Development	Yes	Yes	*					
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes						
Volume Cross Product Total Crashes	Yes 0	≥ 100,000 >0	*		32			
			***					
Describe Proposed Safety I	mprovem	ents						
Do	corintion	Unit Cost		Units	Cost	Notos		
	scription indabout		per intersection	0	Cost \$0.00	_Notes -		
Directiona			per intersection	0	\$0.00			
Mainline Dynamic Warr	iing Sign e Median		per intersection per intersection	0 0	\$0.00 \$0.00			
Installing Stre	et Lights	\$6,000	per street light	1	\$6,000.00			
Upgrade S			per sign	2	\$700.00			
Upgrade Junc Upgrade Stop Ahe			per sign per sign	2 2	\$700.00 \$900.00			
Upgrade Stop Ahead			per marking	1	\$450.00			
Upgrade S	Stop Bar		per marking	1	\$250.00			
Review Signs a	and CST	\$2,450	per intersection	0	\$0.00			
Signs and Markings and Street Ligh	nt project cos	sts vary by the numb	er of minor legs associated	with the inte	\$9,000.00 ersection			
Project Cost Estimate (attack					Year of Con	struction		
Fadas	al Funda	<b>#0.400</b>						
Local Match (10% of Total proj	al Funds ect cost)	\$8,100 \$900						
Total Proje		\$9,000	=					
NDDOTO / LOW O.L								
NDDOT Central Office Only Project Accepted? □	Yes N	lo.	Reference Number			ID Number		
Notes	103		reference (variable)			ID Number	I .	
							Page: 10	
						Inte	ersection ID: 1.02	3/2013

HIGHWAY SAFETY IN			M (HSIP) PROJI	ECT APPLI	CATION			
SFN 59959 (06-2011)			Walsh 19) & 1	46th Ave	NE (Wals	h 6)		
Agency Name: Contact Name:	Sharon L	.ipsh			DOT District one Number	-	530	
Email Address:			urthar dagariba yayır pro	oia at				
Please attach a location map(s). <b>Location Description</b>	You may us	se additional sneets to t	urther describe your pro	уест				
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Walsh	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 345		Reduce Alcoh Increase the L Younger Drive Curb Aggressi Improvements Enhancing Em	ol Impaired Driv Jse of Safety Re Pr/Older Driver S ve Driving to Address Lar Dergency Medic	estraints for all Occupants	vability
				✓	Improve Inters	ection Safety		
Describe Current Safety I	Issues & :	Systemic Ranking	Review					
North Dakota TBD, 2008 - 2012			years					
	Total	Angle	K+A			Diet and	The state of the s	
Crashes		0	0.00	<del></del>			CONTRACTOR OF THE PARTY OF THE	
Rate (per MVM)	0.0	0.0	0.0		The state of the s		15 7 7 15 15 15 15 15 15 15 15 15 15 15 15 15	
	Value	Critical	Risk Ranking					
Skew		Yes	rtion realitaing	<del></del>		19		
On/Near Curve	No	Yes						
Development		Yes					A SECONDARY	
Near RR Crossing Distance from previous STOP		Yes Yes	*			TENER (S		
Volume Cross Product	Yes	≥ 100,000	*					
Total Crashes	0	>0	***	_				
D								
Describe Proposed Safet	y improve	ements						
	Description	Unit Cost		Units	Cost	_Notes - Qualit	fies for a street light	
	Roundabout		per intersection	0	\$0.00			
Directio Mainline Dynamic W	onal Median		per intersection per intersection	0 0	\$0.00 \$0.00			
_	ose Median		per intersection	0	\$0.00			
	treet Lights	\$6,000	per street light	0	\$0.00			
	e Stop Sign		per sign	4	\$1,400.00			
Upgrade Ju Upgrade Stop <i>i</i>			per sign per sign	4 4	\$1,400.00 \$1,800.00			
Upgrade Stop Ahe			per marking	3	\$1,350.00			
. 0	de Stop Bar		per marking	3	\$750.00			
Review Sigr	ns and CST	\$2,450	per intersection	0	\$0.00	<del>_</del>		
Signs and Markings and Street L	ight project	costs vary by the numb	er of minor leas associa	ated with the inte	\$6,700.00			
Project Cost Estimate (at			or or minor logo doccord		Year of Con	struction		
,								
	deral Funds	\$6,030						
Local Match (10% of Total pro	oject Cost	\$670 <b>\$6,700</b>	-					
TotalFic	njeci Cosi	φ0,700						
NDDOT Central Office On	ıly							
Project Accepted?	Yes	□No	Reference Number			ID Number		
Notes								
							Page: 44	
						Inte	Page: 11 ersection ID: 6.02	
							Date: 10/23/2013	

HIGHWAY SAFETY IM  North Dakota Department of 1			M (HSIP) PROJI	ECT APPLI	CATION		
SFN 59959 (06-2011)	ransportatio	on riogramming					
		75th St N	E (Walsh 9) &	129th Ave	NE/ND 3	2	
Agency Name:					<b>DOT District</b>	-	
Contact Name:				Teleph	one Number	: 701-352-15	30
Email Address:							
Please attach a location map(s). <b>Location Description</b>	You may use	e additional sheets to fi	urther describe your pro	oject			
Location Description					SHSP En	nnhasis Area (ch	neck all that apply)
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Walsh 1280	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 1150 130		Reduce Alcoh Increase the L Younger Drive Curb Aggressi Improvements	ol Impaired Drivi Use of Safety Re er/Older Driver S ive Driving to Address Lan nergency Medica	ing straints for all Occupants
Describe Current Safety I	ssues & S						
North Dakota TBD, 2008 - 2012		5	years				
	Total	Angle	K+A				A STATE OF THE STA
Crashes	0	0	0.00		-	dR - 44	The same of the sa
Rate (per MVM)	0.0	0.0	0.0	<u></u>	Acres in the	Service 10	
							The second secon
						10.0	4-11-11
	Value	Critical	Risk Ranking		The state of the s	indus (i)	ATTACK
Skew	No	Yes					
On/Near Curve Development	No Yes	Yes Yes	*		3000		
Near RR Crossing	No	Yes	^				
Distance from previous STOP	Yes	Yes	*		Real Sec		
Volume Cross Product		≥ 100,000	*		C TATA	4	
Total Crashes	0	>0	***	_	AL AL	The second	RI-
Describe Proposed Safety	y improve	ments					
	Description	Unit Cost		Units	Cost	Notes - Segme	ent and curve projects suggested on
	Roundabout		per intersection	0	\$0.00	other sheets.	. ,
	nal Median		per intersection	0	\$0.00		
Mainline Dynamic Wa	ose Median		per intersection per intersection	0	\$0.00 \$0.00		
	treet Lights	\$6,000	per street light	1	\$6,000.00		
	e Stop Sign		per sign	2	\$700.00		
Upgrade Ju Upgrade Stop A			per sign per sign	2 2	\$700.00 \$900.00		
Upgrade Stop Ahe			per marking	1	\$450.00		
1 0	de Stop Bar		per marking	1	\$250.00		
Review Sign	is and CST	\$2,450	per intersection	0	\$0.00 \$9,000.00	_	
Signs and Markings and Street L	iaht project c	costs vary by the numb	er of minor legs associa	ated with the inte			
Project Cost Estimate (at			or or rimior rege decesion		Year of Con	struction	
-							
Fed Local Match (10% of Total p	deral Funds	\$8,100 \$900					
	ject Cost	\$9,000	_				
	-	<del>40,000</del>					
NDDOT Central Office On							
Project Accepted?	Yes	□No	Reference Number			ID Number	
Notes							
							Dane: 40
						Inte	Page: 12 ersection ID: 9.06
						iille	Date: 10/23/2013

HIGHWAY SAFETY IMF North Dakota Department of Tr			M (HSIP) PROJE	ECT APPLI	CATION			
SFN 59959 (06-2011)	ansportatio	in Frogramming						
		126th Ave	NE (Walsh 14	) & 68th S	St NE/ND	17		
Agency Name: V	Valsh Cou		•	•	<b>DOT Distric</b>			
Contact Name: S				Teleph	none Numbe	r: 701-352-15	30	
Email Address: s								
Please attach a location map(s). Y	ou may use	additional sheets to for	urther describe your pro	ject				
Location Description					SHSP F	mnhasis Area (cl	heck all that apply)	
Configuration: T Configuration (2): U Urban/Rural: R County: V Entering ADT: 8	Jndivided Rural Valsh 320	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT:	No No 800 40		Reduce Alcoh Increase the Younger Drive Curb Aggress Improvement Enhancing Er	nol Impaired Driv Use of Safety Re er/Older Driver S sive Driving s to Address Lan	ing estraints for all Occupa	
Describe Current Safety Is	sues & Sy							
North Dakota TBD, 2008 - 2012		5	years					
	Total	Angle	K+A		THE COLUMN	A 11 P 10 S		
Crashes	0	0	0.00					<b>3</b>
Rate (per MVM)	0.0	0.0	0.0				AND SE	
					10	-	- Aller State of the state of t	2.50
					7	100	Market Co.	ie.
	Value	Critical	Risk Ranking		A COMP THE	THE WAY	VIII OF STREET	Take 1
Skew On/Near Curve	Yes Yes	Yes Yes	*					
Development	No	Yes	^				A. T	
Near RR Crossing	No	Yes				200		
Distance from previous STOP Volume Cross Product	Yes	Yes	*		1			
Total Crashes	No 0	≥ 100,000 >0			TO TOWN			
		-	***					
Describe Proposed Safety	Improver	monto						
Describe Proposed Safety	Improven	nents						
D	escription	Unit Cost		Units	Cost	Notes -		
_	undabout		per intersection	0	\$0.00			
Directiona Mainline Dynamic War	al Median		per intersection per intersection	0	\$0.00 \$0.00			
_	se Median		per intersection	0	\$0.00			
Installing Str			per street light	0	\$0.00			
Upgrade : Upgrade June			per sign per sign	1 1	\$350.00 \$350.00			
Upgrade Stop Al			per sign	1	\$450.00			
Upgrade Stop Ahead	•		per marking	0	\$0.00			
Upgrade Review Signs	Stop Bar	·	per marking per intersection	0	\$0.00 \$0.00			
Treview digital	una con	Ψ2,400	permiersection		\$1,150.00	<del></del>		
Signs and Markings and Street Lig			er of minor legs associa					
Project Cost Estimate (atta	ich detaile	ed copy)		Proposed	Year of Con	struction		
Fede	eral Funds	\$1,035						
Local Match (10% of Total pro		\$115	<u>-</u> ,					
Total Proje	ect Cost	\$1,150						
NDDOT Central Office Only	v/							
		] No	Reference Number			ID Number		
Notes		· · · · · · · · · · · · · · · · · · ·	1.10.0.0.00			1.5	-1	
							Page: 13	
						Inte	ersection ID: 14.03 Date: 10/23/20	13

HIGHWAY SAFETY II  North Dakota Department of			M (HSIP) PROJE	CT APPLI	ICATION		
SFN 59959 (06-2011)	Папэропа		Ave NE (Wele	h E04\ 8	110 04		
Agency Name Contact Name Email Address	: Sharon I	ounty Lipsh	n Ave NE (Wals	ND	DOT Distric	•	530
Please attach a location map(s)			urther describe your proje	ect			
Location Description							
Configuration Configuration (2) Urban/Rural County Entering ADT	: Undivided : Rural : Walsh	Traffic Control Device Street Lights Flashers Major Entering ADT Minor Entering ADT	: No : No : 1740		Reduce Alcol Increase the Younger Driv Curb Aggress Improvement Enhancing El	nol Impaired Driv Use of Safety Re er/Older Driver S sive Driving s to Address Lar	estraints for all Occupants
Describe Current Safety							
North Dakota TBD, 2008 - 2012	2	5	years				
	Total	Angle	K+A			-	
Crashes		0	0.00	_	1		-
Rate (per MVM	0.0	0.0	0.0	_	3		
						1	
						1	
	Value	Critical	Risk Ranking			I Ne	
Skev		Yes	*	_	600	7.	
On/Near Curve	e Yes	Yes	*				
Developmen		Yes					
Near RR Crossing	•	Yes					
Distance from previous STOF Volume Cross Produc		Yes ≥ 100,000	*				
Total Crashes		>0	^				
	-		***	_			1 = 1
Describe Proposed Safe	ty Improv	romonts					
2000/100 / ropodou Guro	ty mipiot	<u> </u>					
	Description			Units	Cost	Notes -	
	Roundabout		per intersection	0	\$0.00		
Directi Mainline Dynamic V	ional Median		per intersection per intersection	0 0	\$0.00 \$0.00		
· · · · · · · · · · · · · · · · · · ·	lose Median		per intersection	0	\$0.00		
	Street Lights		per street light	1	\$6,000.00		
	de Stop Šign		per sign	1	\$350.00		
	unction Sign		per sign	1	\$350.00		
Upgrade Stop Upgrade Stop Ah			per sign per marking	1	\$450.00 \$450.00		
	ide Stop Bar		per marking	1	\$250.00		
	ins and CST		per intersection	0	\$0.00		
					\$7,850.00	<del></del>	
Signs and Markings and Street			er of minor legs associate				
Project Cost Estimate (a	ttach deta	ailed copy)		Proposed	d Year of Cor	struction	
Fe	ederal Funds	\$7,065					
Local Match (10% of Total		. ,					
	oject Cost		_				
	•	. ,					
NDDOT Central Office O	nly						
Project Accepted?	Yes	□No	Reference Number	<u> </u>		ID Number	
Notes							
					<u></u>	<u></u>	Page: 14
						Inte	ersection ID: 504.02