# Ramsey County

The total project cost suggested for Ramsey County is \$1,294,520. The project cost breakout for intersection, roadway segment, and curve projects are listed in Table 4-6. High-priority locations that received a project are shown in Figure 4-11. These locations are described in further detail in Appendix 4D along with priority rankings and suggested project sheets.

TABLE 4-6
Ramsey County Project Costs

Project Type	Cost
Intersections	\$1,005,750
Roadway Segments	\$179,940
Curves	\$108,830
Total	\$1,294,520

One intersection is suggested for geometric review during the next capital improvement project (Table 4-7). 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 4-7**Ramsey County Capital Improvement Project Consideration

Intersection ID	Intersection Description
500.02	100th Avenue and 100th Avenue

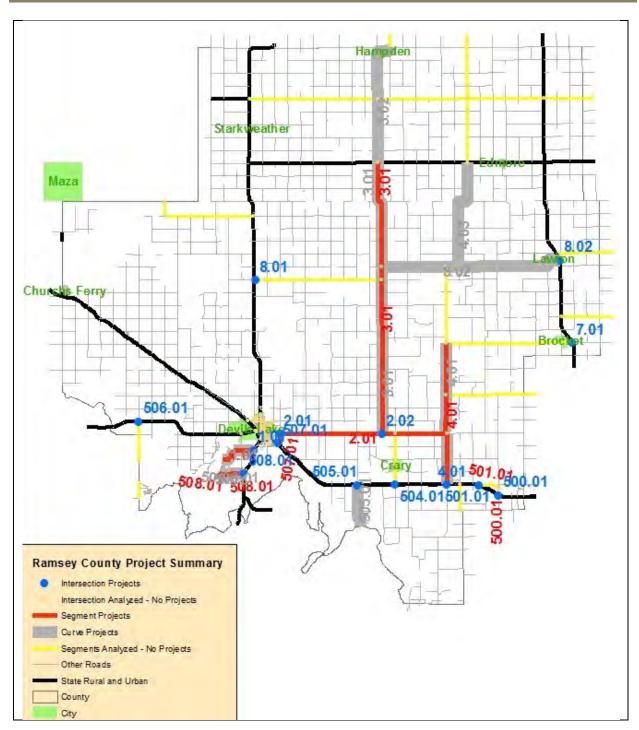


FIGURE 4-11 Ramsey County Projects Location Map

23 USC 409 NDDOT Reserves All Objections

Ramsey County

## Ramsey County Rural Segment Projects

Page	Corridor ID	Route #	Start	End	Length	Risk Ranking	6" Edge Lines	Edge Rumble Strip	6" Center Line	Project Cost (\$)
1	1.01	Ramsey 1	Start of Ramsey 1	Intersection with ND 20	3.8	****	3.8	0.0	3.8	\$4,940.00
2	4.01	Ramsey 4	Intersection with US 2	Intersection with 55th Street	13.0	***	0.0	13.0	0.0	\$45,500.00
3	2.01	Ramsey 2	Intersection with Elks Drive	Intersection with 96th Avenue	13.0	***	0.0	13.0	0.0	\$45,500.00
4	3.01	Ramsey 3	Intersection with 48th Street	Intersection with ND 17	21.2	***	0.0	21.2	0.0	\$74,200.00
5	507.01	No designation	Intersection with US 2	Intersection with 48th Street	0.8	***	0.0	0.8	0.0	\$2,800.00
6	508.01	No designation	End of road at lake	Intersection with ND 20	2.0	***	0.0	2.0	0.0	\$7,000.00
							3.8	50.0	3.8	\$179,940.00

# Ramsey County Rural Segment Listing

Project Sheet Page*	Corridor	Route	Start	End	Length (miles)	Lane Departure Crashes	ADT	Lane Departure Density	Access Density	Curves w/ Critical Radius / Mile	Edge Risk Assesment
1	1.01	Ramsey 1	Start of Ramsey 1	Intersection with ND 20	3.8	4	1,791	0.21	12.6	0.52	2
3	2.01	Ramsey 2	Intersection with Elks Drive	Intersection with 96th Avenue	13.0	3	486	0.05	7.6	0.00	2
4	3.01	Ramsey 3	Intersection with 48th Street	Intersection with ND 17	21.2	2	263	0.02	5.9	0.09	2
	3.02	Ramsey 3	Intersection with ND 17	Ramsey/Cavalier County Line	9.8	0	222	0.00	7.2	0.20	1
2	4.01	Ramsey 4	Intersection with US 2	Intersection with 55th Street	13.0	0	166	0.00	5.7	0.31	3
	4.03	Ramsey 4	Intersection with 61st Street	Intersection with ND 17	8.7	0	60	0.00	6.2	0.23	2
	7.02	Ramsey 7	Intersection with 105th Avenue	Intersection with ND 1 (S)	0.9	0	187	0.00	16.8	0.00	1
	8.01	Ramsey 8	Intersection with ND 20 / 81st Avenue	Intersection with 91st Avenue (S)	10.0	1	168	0.02	6.6	0.00	2
	8.02	Ramsey 8	Intersection with 91st Avenue (N)	Intersection with ND 1	14.3	0	89	0.00	7.8	0.28	2
	9.02	Ramsey 9	Intersection with ND 1	Ramsey / Walsh County Line	9.0	1	31	0.02	7.2	0.00	1
	504.01	No designation	Crary south city limit (approx 1250 feet south of Lyle Street intersection)	Crary south city limit (approx 1250 feet south of Lyle Street intersection)	1.6	0	210	0.00	22.7	0.00	1
	505.01	Woods_Rutten Road	Ramsey/Benson County Line	Intersection with US 2	3.3	0	530	0.00	4.5	0.90	3
	506.01	Grahams Island Road	Intersection with 43rd Street	Intersection where 72nd tees into Park Avenue	1.2	0	140	0.00	6.6	0.00	3
	506.02	Grahams Island Road	Interesection with 48th Street	Intersection with ND 19	3.1	0	145	0.00	4.8	0.00	3
5	507.01	No designation	Intersection with US 2	Intersection with 48th Street	0.8	1	666	0.25	15.3	1.27	1
6	508.01	No designation	End of road at lake	Intersection with ND 20	2.0	0	458	0.00	14.1	0.50	1
				·	115.7	12					

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

Edge Risk Legend

Critical Radius Curves 15 115.7 Lane Departure 12 115.7 0.02 0.13

10/24/2013

## Ramsey County Rural Segment Prioritization - Lane Departure Priority

#	Corridor	Route	Start	End	Length		ADT Range	Lane Departure Density	Access Density	Curve Critical Radius Density	Edge Risk	Totals	Tiebrei Edge Risk	ADT
1	1.01			Intersection with ND 20	3.8	1,791		*	*	*	*	****	2	1,791
2	4.01	Ramsey 4	Intersection with US 2	Intersection with 55th Street	13	165.5	*			*	*	***	3	166
3	2.01	Ramsey 2	Intersection with Elks Drive	Intersection with 96th Avenue	13	486.25	*	*			*	***	2	486
4	3.01	Ramsey 3	Intersection with 48th Street	Intersection with ND 17	21.2	263	*			*	*	***	2	263
5	507.01	No designation	Intersection with US 2	Intersection with 48th Street	0.8	666		*	*	*		***	1	666
6	508.01	No designation	End of road at lake	Intersection with ND 20	2	457.5	*		*	*		***	1	458
7	505.01	Woods_Rutten Road	Ramsey/Benson County Line	Intersection with US 2	3.3	530				*	*	**	3	530
8	8.01	Ramsey 8	Intersection with ND 20 / 81st Avenue	Intersection with 91st Avenue (S)	10	168.25	*				*	**	2	168
9	8.02	Ramsey 8	Intersection with 91st Avenue (N)	Intersection with ND 1	14.3	88.5				*	*	**	2	89
10	4.03	Ramsey 4	Intersection with 61st Street	Intersection with ND 17	8.7	60				*	*	**	2	60
13	3.02	Ramsey 3	Intersection with ND 17	Ramsey/Cavalier County Line	9.8	221.5	*			*		**	1	222
14	504.01	No designation	Crary south city limit (approx 1250 feet south of Lyle Street intersection)	Crary south city limit (approx 1250 feet south of Lyle Street intersection)	1.6	210	*		*			**	1	210
15	7.02	Ramsey 7	Intersection with 105th Avenue	Intersection with ND 1 (S)	0.9	186.5	*		*			**	1	187
16	506.02	Grahams Island Road	Interesection with 48th Street	Intersection with ND 19	3.1	145					*	*	3	145
17	506.01	Grahams Island Road	Intersection with 43rd Street	Intersection where 72nd tees into Park Avenue	1.2	140					*	*	3	140
18	9.02	Ramsey 9	Intersection with ND 1	Ramsey / Walsh County Line	9	31							1	31
						al Stars		3	5	9	10			
					% That Ge	ets Star	50%	19%	31%	56%	63%			

	#	%	%
****	0	0%	0%
****	1	6%	3%
***	5	31%	43%
**	7	44%	42%
*	2	13%	4%
	1	6%	8%
	16	100%	100%

Stars

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

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

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

Curve Critical Radius Density - If 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 IM			PROJECT	APPLI	CATION	V .				
North Dakota Department of T SFN 59959 (06-2011)	ransportation Programming	3								
0114 00000 (00 2011)	Ramsey 1 fron	n Start of Ra	meay 1	to Inte	reaction	on with ND 20				
Agency Name: F		ii Start Or ite	ND DOT			on with ND 20				
Contact Name: I		т.				7045				
			elephone N	iumber:	/01-002-	7015				
	nwydept@stellarnet.cor									
Please attach a location map(s). <b>Location Description</b>	You may use additional sneet	s to further describe	your project.							
Location Description				l	9	HSP Emphasis Area (check all that apply)				
Start: S	Start of Ramsey 1	Lane Width:	12'			cohol Impaired Driving				
	ntersection with ND 20	Speed Limit:	_	e Use of Safety Restraints for all Occupants						
Facility Type: 2		Shoulder Width:	☐ Younger Driver/Older Driver Safety							
ADT: 1	1791	Shoulder Type:	Paved	☐ Curb Aggressive Driving						
Road Type F		Length (miles):				ents to Address Lane Departure Crashes				
County Road F	Ramsey 1	Rumble Installed:	No			Emergency Medical Capabilities to Increase Survivability				
					improve in	tersection Safety				
Describe Current Safety Is	SSUES & Systemic Pank	ina Review								
North Dakota Crashes, 2008 - 20			years							
		3	,		Remove	RINGGOTT_PG CHEMINE.				
	Total	Road Dept	K+A		48th Street /	47th Street / Lake				
Crashes	21	3	0	•	Target.					
Density (per mile per year)	1.11	0.16	0.00							
Rate (per MVM)	1.69	0.24	0.00							
					4					
					¥.					
	Value	Critical	Road		Barrier .					
ADT Range	1,791	150≤ADT≤500	Noau	•	A KIND	C AND ARRADO				
RD Density	0.210	0.032	*		The same of					
Access Density	12.6	8.0	*		-					
Curve Critical Radius Density	0.524	0.084	*		wee or					
Edge Risk	2	2 or 3	*		N 48.0876250	f Contract of the Contract of				
			****		W 98.9122633	SRF				
Describe Proposed Safety	/ Improvements									
Describe Proposed Safety	y improvements									
	Description	Type	Cost per mi	Mileane	Cost	Notes - Noise Sensitive. Curve and intersection projects				
<del>-</del>	4" Edge Lines	Proactive	\$400	0.0	\$0	suggested on other sheets.				
	6" Edge Lines	Proactive	\$650	3.8	\$2,470	suggested on strict strictio.				
	Edge Rumble Strip	Proactive	\$3,500	0.0	\$0					
Ground	In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0					
	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0					
<del>-</del>	6" Center Line	Proactive	\$650	3.8	\$2,470	_				
Project Cost Estimate (att	tach detailed conv)			Propose	ed Vear o	of Construction				
Troject 00st Estimate (att	acii acianca copy)			Tropose	ca rear o	or oonstruction				
	Federal Funds	\$4,446								
Local Matc	h (10% of Total project cost)	\$494	_							
	Total Project Cost	\$4,940	_							
NDDOT Central Office On										
	☐ Yes ☐ No F	Reference Number				ID Number				
Notes										
						Day.				
						Page: 1 Segment ID: 1.01				
						Segment ID: 1.01 Date: 10/24/2013				

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North Dakota Department of T SFN 59959 (06-2011)		` ,	I KOOLO I	AI I EI	OATIO!	•	
R	amsey 4 from Inte	ersection w	ith US 2	to Inte	rsectio	on with 55th Stree	et
Agency Name: F			ND DOT I				
Contact Name: I	Kevin Fieldsend	Т	elephone N	lumber:	701-662-	7015	
Email Address: h	nwydept@stellarnet.con	n	-				
Please attach a location map(s).	You may use additional sheets	s to further describe	your project.				
Location Description							
Objects	-ttiith-110.0	I M.C  M.C	. 401			HSP Emphasis Area (check	all that apply)
	ntersection with US 2 ntersection with 55th Street	Lane Width Speed Limit				cohol Impaired Driving le Use of Safety Restraints fo	or all Occupants
Facility Type: 2		Shoulder Width	U			river/Older Driver Safety	i all Occupants
ADT: 1		Shoulder Type				essive Driving	
Road Type F		Length (miles)				ents to Address Lane Departu	
County Road F	Ramsey 4	Rumble Installed	: No			Emergency Medical Capabil tersection Safety	ities to Increase Survivability
					improve in	lersection Salety	
Describe Current Safety Is	ssues & Systemic Rank	ina Review					
North Dakota Crashes, 2008 - 20			5 years				
,			,		Ramony	PIMOCOGLIPG	CHEMPHEL
	Total	Road Dept	K+A		e North		
Crashes	6	0	0				
Density (per mile per year) Rate (per MVM)	0.09 1.53	0.00 0.00	0.00 0.00				
rate (per wivin)	1.00	0.00	0.00				
	Value	Critical	Road				
ADT Range	166	150≤ADT≤500	*				
RD Density Access Density	0.000 5.7	0.032 8.0					
Curve Critical Radius Density	0.307	0.084	*		- 100		
Edge Risk	3	2 or 3	*		WGS-84 N 48 0603100		
			***		W 98-5520133	yi	SRF
Describe Proposed Safety	/ Improvoments						
Describe Proposed Safety	/ improvements						
	Description	Type	Cost per mi	Mileage	Cost	Notes - Curve and intersec	tion projects suggested on other
_	4" Edge Lines	Proactive	\$400	0.0	\$0	sheets.	nion projects suggested on other
	6" Edge Lines	Proactive	\$650	0.0	\$0		
	Edge Rumble Strip	Proactive	\$3,500	13.0	\$45,500		
Ground	In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0 ©0		
	Center Line Rumble Strip 6" Center Line	Proactive Proactive	\$3,000 \$650	0.0 0.0	\$0 \$0		
_	0 0011101 21110		<b>4000</b>	0.0	ΨŪ	=	
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Local Matc	Total Project Cost	\$45,500	_				
	Total Troject Cost	ψ-10,000					
NDDOT Central Office On	lv						
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						Date:	10/24/2013
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SFN 59959 (06-2011)						
		ction with I				tion with 96th Avenue
Agency Name: F			ND DOT I		_	
Contact Name: I			elephone N	lumber:	701-662-7	7015
	nwydept@stellarnet.com					
Please attach a location map(s).	You may use additional sheets	s to further describe	e your project.			
Location Description					01	LIOD Farehasia Assa (abada all that anala)
Start: I	ntersection with Elks Drive	Lane Width			HSP Emphasis Area (check all that apply) cohol Impaired Driving	
	ntersection with 96th Avenue	Speed Limit			e Use of Safety Restraints for all Occupants	
Facility Type: 2	2-Lane	Shoulder Width			iver/Older Driver Safety	
ADT: 4		Shoulder Type			essive Driving	
Road Type F		Length (miles)				nts to Address Lane Departure Crashes
County Road F	Ramsey 2	Rumble Installed	I: NO			Emergency Medical Capabilities to Increase Survivability ersection Safety
					Improvo inc	orocolon carety
Describe Current Safety Is	ssues & Systemic Rank	ing Review				
North Dakota Crashes, 2008 - 20			5 years			
	T-1-1	Dood Door	1Z . A		Ramany 48th Street	PENNOCHOLIPO CHEMPICE
Crashes	Total 19	Road Dept 3	K+A 0		West	
Density (per mile per year)	0.29	0.05	0.00			
Rate (per MVM)	1.65	0.26	0.00			
					1	
					-	to be a second second
	17.1	0 *** 1	Deed		ALC: UNKNOWN	
ADT Range	Value 486	Critical 150≤ADT≤500	Road ★		AND REAL PROPERTY.	The state of the s
RD Density	0.046	0.032	*			
Access Density	7.6	8.0				
Curve Critical Radius Density	0.000	0.084				
Edge Risk	2	2 or 3	*		WGS-84 N 48.1079317	- CDP
			***		W 98.7622450	SRF
Describe Proposed Safety	/ Improvements					
	•					
<u> </u>	Description	Туре	Cost per mi		Cost	Notes - Intersection projects suggested on other sheets.
	4" Edge Lines	Proactive	\$400	0.0	\$0	
	6" Edge Lines Edge Rumble Strip	Proactive Proactive	\$650 \$3,500	0.0 13.0	\$0 \$45,500	
Ground	In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$45,500 \$0	
0.04	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0	
<u> </u>	6" Center Line	Proactive	\$650	0.0	\$0	_
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Project Cost Estimate (att	асп аетанеа сору)			Propos	ea year o	f Construction
	Federal Funds	\$40,950				
Local Matc	h (10% of Total project cost)	\$4,550				
	Total Project Cost	\$45,500				
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Project Accepted? [ Notes	□Yes □No R	Reference Number				ID Number
Notes						
						Page: 3
						Segment ID: 2.01
						Date: 10/24/2013

HIGHWAY SAFETY IM	DDOVEMENT DDOG	DAM (HSID) I	DDO IECT	V DDI	ICATION	1
North Dakota Department of T SFN 59959 (06-2011)			PROJECT	AFFL	ICATION	•
Ra	msey 3 from Inte	rsection wit	th 48th S	treet t	to Inter	section with ND 17
Agency Name: R	-		ND DOT I	District:	3	
Contact Name: K			elephone N	lumber:	701-662-	7015
	wydept@stellarnet.com					
Please attach a location map(s).	You may use additional sheets	to further describe	your project.			
Location Description					9	HSP Emphasis Area (check all that apply)
Start: Ir	ntersection with 48th Street	Lane Width	: 12'			cohol Impaired Driving
	ntersection with ND 17	Speed Limit			e Use of Safety Restraints for all Occupants	
Facility Type: 2		Shoulder Width				river/Older Driver Safety
ADT: 2 Road Type R		Shoulder Type Length (miles)				essive Driving ents to Address Lane Departure Crashes
County Road R		Rumble Installed				Emergency Medical Capabilities to Increase Survivability
,	•					ersection Safety
Describe Occurrent Cofety la	anna e Cuatamia Dania	ina Daviana				
Describe Current Safety Is North Dakota Crashes, 2008 - 20			5 years			
North Bakota Grashes, 2000 20	12		years		Permanay)	RIMSOUBLIFS CHEMICA
	Total	Road Dept	K+A		Scouth	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW
Crashes	7	2	0		(Samesial)	
Density (per mile per year) Rate (per MVM)	0.07 0.69	0.02 0.20	0.00 0.00			
rtate (per wivivi)	0.03	0.20	0.00			A CONTRACTOR OF THE PARTY OF TH
						AND REAL PROPERTY.
ADT Dance	Value 263	Critical 150≤ADT≤500	Road *		4	
ADT Range RD Density	0.019	0.032	^			and the same of th
Access Density	5.9	8.0				
Curve Critical Radius Density	0.094	0.084	*		WGS-84	
Edge Risk	2	2 or 3	***		N 48 2579017 W 98 6602183	SPE
			^^^			Jil
Describe Proposed Safety	Improvements					
	Description	Type	Cost per mi	Mileage	Cost	Notes - Curve projects suggested on other sheets.
_	4" Edge Lines	Proactive	\$400	0.0	\$0	
	6" Edge Lines	Proactive	\$650	0.0	\$0	
Cround	Edge Rumble Strip In Wet-Reflective Markings	Proactive Proactive	\$3,500 \$8,500	21.2 0.0	\$74,200 \$0	
Ground	Center Line Rumble Strip	Proactive	\$3,000	0.0	\$0 \$0	
	6" Center Line	Proactive	\$650	0.0	\$0	_
Danie at O - at Fatimanta (att				D	- :/ V : -	10
Project Cost Estimate (att	асп аетапеа сору)			Propos	ed fear o	f Construction
	Federal Funds	\$66,780				
Local Match	n (10% of Total project cost)	\$7,420	_			
	Total Project Cost	\$74,200				
NDDOT Central Office Onl	lv					
		eference Number	T			ID Number
Notes	•		•			
						Page: 4
						Segment ID: 3.01
						Date: 10/24/2013

SHIGHMAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION Not backton begration from intersection with US 2 to Intersection with 48th Street  Agency Name: Ramsey County Contact Name: Kewin Fieldsand Email Address: hwydopt@stellarnet.com Pease alland in location mighty You may be additional stellars to further describe your project.  **Bert Intersection with US 2 End: Intersection with US 2 End: Intersection with 48th Street Fields Type: Calumo Fields Type: Calumo ADT 700 of Paved County Read No designation  **County Read No designation  **Total Road Dipt K-A Density (per mice per year) 0.50 0.25 0.000  **Patient Proposed Safety Insure Section Programs  **Total Road Dipt K-A Density (per mice per year) 0.50 0.25 0.000  **Rate (per MMs) 0.26 0.000  **Total Project Cost Estimate (attach detailed copy)  **Project Cost Estimate (attach detailed copy)  **Project Cost Estimate (attach detailed copy)  **Total Project Cost Sa, 200  **Total Project Cost Sa,		IDDOVEMENT DDOO	DAM (Heir)		י וממא	IC A TICE	ı
No designation from Intersection with US 2 to Intersection with 48th Street Agency Name: Ramsey County Contact Mane: Kevin Fieldsend Email Address: Invydept @stellarnet.com Please attach a location map(e): Vor may use additional sheets to further describe your project.  Location Description  State: Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: 2-Lane Width: 12' Sinch Intersection with 48th Street According Type: Cash Accord Impaired Events for all Occupants Younger Direction Type: Grave Length (miles): 0.8 Road Dept: K+A Sinch Intersection According Type: Cash Accord Impaired Events for all Occupants Width: 4' Sinch Intersection According Type: Cash Accord Impaired Events for all Occupants Width: 4' Sinch Intersection According Type: Cash Accord Impaired Events for all Occupants According Type: According Type: Cash Accord Impaired Events for all Occupants According Type: According Type: Cash Accord Impaired Events for all Occupants According Type: According Type: Cash Accord Impaired Events for all Occupants According Type: According Type: Cash Accord Impaired Events for According Type: Cash Accord Impaired Events				PROJECI	APPLI	ICATION	N .
Agency Name: Ramsey County Contact Mane: Kevin Fieldsend Email Addross: hwydept@stellarnet.com Please attach a location map(p): Vor may use additional sheets to further describe your project.    Contact Name: Revine Mark   Fieldsend	SFN 59959 (06-2011)						
Contact Name: Kevin Fieldsend Email Addrases: Meyoldp@stellante.com Please attach a location map(s), You may use additional sheets to further describe your project.  Location Description  Start: Intersection with US 2 End: Intersection with US 2 Footby ADT: 868 Footby ADT: 868 Road Type Rural Paved County Road to designation  Total Road Oppt Rural Paved County Road to designation  Total Road Oppt K+A Obresty (States & Systemic Ranking Review  North Datoids Crisches, 2009 - 2012  Total Road Oppt K+A Obresty (Proving) Road (Per MWH)  205 Road (Per MWH)  Value Critical Road ADT Range 666 150-ADT 5500 Road (Per MWH) 153 0 000 Road (Per MWH) 153 0 000 Road (Per MWH) 153 0 000  Road (Per MWH) 153 0 000  Road (Per MWH) 154 0 000  Road (Per MWH) 155 0 000 Road (Per MWH) 155 0 000 Road (Per MWH) 156 0 000 Road (Per MWH) 157 0 000 Road (Per MWH) 157 0 000 Road (Per MWH) 158 0 000  Road (Per MWH) 158 0 000  Road (Per MWH) 158 0 000  Road (Per MWH) 158 0 000 Road (Per MWH) 158 0 000  Road (Per MWH) 158	No o	designation from I	ntersection	with US	2 to I	ntersec	ction with 48th Street
Email Address: hwydept@stellarnet.com Please attain to location map(s). You may use additional sheets to further describe your project.    Contain Description							
Please attach a location map(s). You may use additional sheets to further describe your project.    Cocation Description	Contact Name:	Kevin Fieldsend	Т	elephone N	lumber:	701-662-	7015
Staff Intersection with US 2   End: Intersection with US 2   End: Intersection with US 2   End: Intersection with US 3   End Intersection with 48h Street   Facility Type: 2 Lane   Staff Intersection with 48h Street   Facility Type: 2 Lane   Staff Intersection with 48h Street   Facility Type: 2 Lane   Staff Intersection with 48h Street   Facility Type: 2 Lane   Reduce Alcohol Impaired For Intersection Priver Safety   Increase the Use of Safety Restraints for all Occupants   Type: Increase the Use of Safety Restraints for all Occupants   Type: Increase the Use of Safety Restraints for all Occupants   Type: Increase   Type: Incr	Email Address: I	hwydept@stellarnet.com	n				
Start: Intersection with US 2 End: Intersection with US 2 Facility Type: 2-Lane Width: 12' Speed Limit High Facility Type: 2-Lane Width: 12' Road Type Rural Pawot Road Road Road Rural Pawot Road Type Rural Pawot Road Road Road Rural		You may use additional sheet	s to further describe	your project.			
Start: Intersection with US 2 End: Intersection with US 2 Special Limit Pigns End: Intersection with 48h Street ADT: 686 Road Type Rural Pand ADT: 687 Road End Very Rural Pand ADT: 687 ADT Range Beg Risk 1 2 2 07 3  ADT Range ADT Range ADT Range ADT Range ADT Range Beg Risk 1 2 2 07 3  ADT Range ADT Range Beg Risk 1 2 2 07 3  ADT Range ADT Range Beg Risk 1 2 2 07 3  ADT Range ADT Range Beg Risk 1 2 2 07 3  ADT Range Beg Risk 1 2 0 00 00 00 00 00 00 00 00 00 00 00 00	Location Description						
Encil Intersection with 48th Street Facility Type: 2-land 1974 (with: 4'   Shoulder Type: Gravet   Longth finalise): 0.8   Rumble Installed: No   Curb Aggressive Driving   Increase the Use of Staffy Restraints of Curb Aggressive Driving   Curb Aggressive Driving   Curb Aggressive Driving   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Improvements to Address Lane Departure Crashes   Curb Aggressive Driving   Curb Aggressive Driving   Improvements Driving   Curb Aggressive Driving   Curb Agg					]		
Facility Type: 24 ane ADT: 666 Road Type Rural Paved Curity Road ADT: 666 Road Type Rural Paved Curity Road No designation Rural Rur							
ADT 686 Road Type Rural Paved County Road No designation			- 1				
Read Type Rural Paved County Road No designation    mprovements to Address Lane Departure Creates   maintaining Emergency Medical Capabilities to Increase Survivability Improve Intersection Safety   mprovements Not Address Lane Departure Creates   mprovements Not Address Lane Departure Creates Survivability Improvements							
Improve intersection Safety   Improvements   Improvement			, ,				
Describe Current Safety Issues & Systemic Ranking Review   Systemic Ranking Review	County Road I	No designation	Rumble Installed	: No			
Syears   S						Improve In	tersection Safety
Syears   S	Dosariba Current Safatu I	scues & Systemia Bank	ing Poviou				
Total   Road Dept   K+A   Density (per mile per year)				5 years			
Density (per mile per year)	Danota Graditos, 2000 - 20	··=	`	, , , , , , , , , , , , , , , , , , , ,		Removy	PROGRETILIPS CHEMINE
Density (per mile per year)   0.50			Road Dept	K+A		Spells	
Rate (per MVM)   2.06			•	-			
ADT Range   666   150sADT5500   Access Density   15.3   8.0   4   Access Density   15.3   8.0   4   Access Density   1275   0.004   *   *   *****	· · · · · · · · · · · · · · · · · · ·						
ADT Range   666	Rate (per MVM)	2.06	1.03	0.00			
ADT Range   666							
ADT Range   666							
Robersity		Value	Critical	Road			The second secon
Access Density   15.3   8.0   *	ADT Range						The state of the s
Curve Critical Radius Density Edge Risk 1 2 or 3  ***    Describe Proposed Safety Improvements	RD Density	0.255	0.032	*			
Edge Risk   1	,						
Describe Proposed Safety Improvements    Description   Type	•			*		WGS-84	
Describle Proposed Safety Improvements	Edge Risk	I	2013	***		N 48 1006117 W 98 8327700	ISRE
Description   Type   Cost per mi   Mileage   Cost   Notes - Intersection projects suggested on other sheets.							
# Edge Lines   Proactive   \$400   0.0   \$0   \$0   \$0   \$0   \$0   \$0	Describe Proposed Safet	y Improvements					
# Edge Lines   Proactive   \$400   0.0   \$0   \$0   \$0   \$0   \$0   \$0		December	T	0 t	N 411	01	
Content Line   Proactive   \$650   0.0   \$0   \$0   \$2,80	_						Notes - Intersection projects suggested on other sheets.
Edge Rumble Strip Proactive \$3,500 0.8 \$2,800   Ground In Wet-Reflective Markings Proactive \$8,500 0.0 \$0   Center Line Rumble Strip Proactive \$8,500 0.0 \$0   G" Center Line Proactive \$650 0.0 \$0    Project Cost Estimate (attach detailed copy)  Federal Funds \$2,520   Local Match (10% of Total project cost) \$2,800    Total Project Cost \$2,800    NDDOT Central Office Only  Project Accepted?   Yes   No   Reference Number   ID Number    Page: 5   Segment ID: 507.01		•		•		•	
Ground In Wet-Reflective Markings Center Line Rumble Strip Proactive \$8,500 0.0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		· ·					
Project Cost Estimate (attach detailed copy)  Federal Funds S2,520 Local Match (10% of Total project cost) Total Project Cost Project Accepted? Notes  Page: 5 Segment ID: 507.01	Ground		Proactive		0.0		
Project Cost Estimate (attach detailed copy)  Federal Funds \$2,520 Local Match (10% of Total project cost) \$280  Total Project Cost \$2,800  NDDOT Central Office Only Project Accepted?   Yes   No   Reference Number   IID Number   Notes  Page: 5 Segment ID: 507.01							
Federal Funds \$2,520 Local Match (10% of Total project cost) \$280  Total Project Cost \$2,800  **NDDOT Central Office Only**  Project Accepted?	<u>-</u>	6" Center Line	Proactive	\$650	0.0	\$0	<del>_</del>
Federal Funds \$2,520 Local Match (10% of Total project cost) \$280  Total Project Cost \$2,800  **NDDOT Central Office Only**  Project Accepted?	Project Cost Estimate (at	tach detailed copy)			Propos	ed Year o	of Construction
Local Match (10% of Total project cost) \$280  Total Project Cost \$2,800  NDDOT Central Office Only  Project Accepted?	Jess Services (un						
Total Project Cost \$2,800  NDDOT Central Office Only Project Accepted?							
NDDOT Central Office Only  Project Accepted?	Local Mato			_			
Project Accepted?		Total Project Cost	\$2,800				
Project Accepted?	NDDOT Central Office On	ılv					
Notes  Page: 5 Segment ID: 507.01			Reference Number				IID Number
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Segment ID: 507.01							
Date. 10/24/2013							•
							Date. 10/24/2013

North Dakotia Department of Transportation Programming SFN 19999 (60-2011)  No designation from End of road at lake to Intersection with ND 20 Agency Name: Ramsey County Contact Name: Kevin Fieldsend Email Address: heybeyfe0 (8stellamet.com) Please attach a location may(s). You may use additional sheets to further describe your project.  Location Description  Start: End of road at take End: intersection with ND 20 Shart: End of road at take End: intersection with ND 20 Facility Type: 2-Lane And Type Rural Paved And Type Rural Paved County Road No designation Road Type Rural Paved County Road No designation Road Dept K+A Describe Current Safety Issues & Systemic Ranking Review North Dakota Creahes, 2008 - 2012  Total Road Dept K+A Density (per mile per year) Describe Proposed Safety Improvements  ADT Range 458 105ADT-5500 * Rate (per NVM) 1.80 0.00 0.00 Rate (per NVM) 1.80 0.00 0.00 Rate (per NVM) 1.80 0.00 0.004  **Access Density 14.1 8.0 * Curve Critical Road Density (per mile per year) 0.50 0.004 * **Edge Risk 1 2 2 or 3 ****  **Describe Proposed Safety Improvements  **Describe Proposed Safety Improvements    Describe Proposed Safety Improvements   Safety September   Saf	HIGHWAY SAFETY IM	IPROVEMENT PROG	GRAM (HSIP)	PROJECT	APPL	ICATION	1		
Agency Name: Ramsey County Contact Mane: Kevin Fieldeand Email Address: hwydept@stellarnet.com Please attach a location mag(s); You may use additional attests to further describe your project.  Location Description  See: End of road at take End intersection with ND 20 Speed Limit High Faility Type: 2-Lane ADT: 488 Road Type Rural Pened County Road No designation  Total  ADT Range ADT			` ,						
Agency Name: Ramsey County Contact Mane: Kevin Fieldeand Email Address: hwydept@stellarnet.com Please attach a location mag(s); You may use additional attests to further describe your project.  Location Description  See: End of road at take End intersection with ND 20 Speed Limit High Faility Type: 2-Lane ADT: 488 Road Type Rural Pened County Road No designation  Total  ADT Range ADT		No designation fr	om End of r	oad at la	ike to	Interse	ction	with ND 20	
Contact Name: Kevin Fieldsend Telephone Number: 701-662-7015  Email Address: hwydopt@stellant.com Pease attach a location map(s). You may use additional sheets to further describe your project.  Location Description  Start: End of road at lake End (intersection with ND 20 Speed Limit: High ADT: 488 ADT: 488 Road Type Rural Paved County Road Mc designation Rumbie Installed: No Rumbie I									
Email Address: hwydept@stellarnet.com Passe attach a location map(s). You may use additional sheets to further describe your project.    Castiff Control   C			т	elephone N	lumber:	701-662-	7015		
Pease attach a location map(s). You may use additional sheets to further describe your project.  Location Description  Start: End of road at lake Entersection with ND 20 Facility Type: 2-tane Facility Type: 2-tane Road Type Puril Paved County Read No designation Road Type Puril Paved County Read No designation  Total Road Dept K+A.  Describe Current Safety Issues & Systemic Ranking Review  North Dakota Crashes, 2008 - 2012  Total Road Dept K+A.  Density per mile per year) 0.30 0.00 0.00  Rate (per MVM) 1.80 0.00 0.00  Rate (per MVM) 1.90 0.002	Email Address: I	hwydept@stellarnet.com							
SHSP Emphasis Area (check all that apply)   SHSP Emphasis Area (check all that apply)   Shoulder West: 2   Speed Limit: High Shoulder West: 2   State of the Shoulder West: 2   Shoulder We				your project.					
Start: End of road at lake End: Intersection with ND 20 Speed Limit: High ADT: 489 Road Vipe Rural Paved County Road No designation County Road No designati	Location Description	,		, , ,					
Enci. Intersection with ND 20 Facility Type: 2-Land Rand Shoulder Type: Paved Longth (miles): 2.0 Road Type Rural Paved County Road No designation  Encircle Rand Rand Rand Rand Rand Rand Rand Rand	•					S	HSP Em	phasis Area (check a	all that apply)
Facility Type: 24 ane ADT: 438 Road Type Raral Paved Length (miles): 2.0 Rumble Installated: No length (miles):	Start: E	End of road at lake	Lane Width	: 12'					
Road Type Ryral Paved County Road No designation  Road Type Ryral Paved County Road No designation  Road Pope Ryral Ryral Paved County Road No designation  Road Pope Ryral Paved County Road No designation  Road Pope Ryral Ryra									r all Occupants
Road Type Rural Paved County Road No designation Rumble Installed: No	, ,,								
County Road No designation									na Casabaa
Improve intersection Safety   Improve Intersection									
Describe Current Safety Issues & Systemic Ranking Review	County Road 1	No designation	rumble mstalled	i. 140					les to increase Survivability
North Dakota Crashes, 2008 - 2012   5 years   Total   Road Dept   K+A					]	Improvo III	.0.0000.	in Guioty	
North Dakota Crashes, 2008 - 2012   5 years   Total   Road Dept   K+A	Describe Current Safety I	ssues & Systemic Rank	ina Review						
Total   Road Dept   K+A				5 years					
Crashes   3				•		Rameny		PEMIGESOS, JPG	CH29AHILL
Density (per mile per year)   0.30						Addin Street Host			
Rate (per MVM)				-					
Value	, , ,								
ADT Range	Rate (per MVM)	1.80	0.00	0.00					
ADT Range									
ADT Range									
ADT Range		Value	Critical	Road					
RD Density	ADT Range					1100	-	Binne II	T
Curve Critical Radius Density Edge Risk 1 2 or 3  ***  Describle Proposed Safety Improvements    Describle Proposed Safety Improvements						A CONTRACTOR			
Edge Risk	Access Density	14.1	8.0	*					
Describe Proposed Safety Improvements    Description   Type	_			*		wcs.ai			
Description   Type   Cost per mi   Mileage   Cost   Notes - Curve and intersection projects suggested on other	Edge Risk	1	2 or 3			N 48.0632467			CDE
Description   Type   Cost per mi   Mileage   Cost   Notes - Curve and intersection projects suggested on other 4" Edge Lines   Proactive   \$400   0.0   \$0   sheets.				***		W 98.901491	M-		SKF
Description   Type   Cost per mi   Mileage   Cost   Notes - Curve and intersection projects suggested on other 4" Edge Lines   Proactive   \$400   0.0   \$0   sheets.	Describe Proposed Safet	y Improvements							
A" Edge Lines	Describe i roposed Saret	y improvements							
A" Edge Lines		Description	Tyne	Cost ner mi	Mileage	Cost	Notes	- Curve and intersect	ion projects suggested on oth
Carolina   Proactive   \$650   0.0   \$0   \$0   \$0   \$0   \$0   \$0	<del>-</del>	<u> </u>					_		ion projects suggested on our
Edge Rumble Strip Ground In Wet-Reflective Markings Proactive \$3,500 2.0 \$7,000 0.0 \$0   Center Line Rumble Strip Proactive \$3,500 0.0 \$0   G" Center Line Proactive \$3,000 0.0 \$0   G" Center Line Proactive \$650 0.0 \$0    Project Cost Estimate (attach detailed copy)  Proposed Year of Construction  Federal Funds \$6,300   Local Match (10% of Total project cost) \$700    Total Project Cost \$7,000    NDDOT Central Office Only  Project Accepted?   Yes   No   Reference Number   ID Number    Notes  Page: 6   Segment ID: 508.01		· ·					00010	•	
Center Line Rumble Strip 6" Center Line Proactive \$3,000 0.0 \$0 6" Center Line Proactive Proactive \$650 0.0 \$0  Project Cost Estimate (attach detailed copy)  Federal Funds \$6,300 Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000  NDDOT Central Office Only Project Accepted?		•	Proactive	\$3,500	2.0	\$7,000			
G" Center Line   Proactive   \$650   0.0   \$0	Ground	d In Wet-Reflective Markings	Proactive	\$8,500	0.0	\$0			
Project Cost Estimate (attach detailed copy)  Federal Funds \$6,300 Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000  NDDOT Central Office Only Project Accepted?									
Federal Funds \$6,300 Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000  NDDOT Central Office Only Project Accepted?   Yes   No   Reference Number   ID Number   Notes  Page: 6 Segment ID: 508.01	<del>-</del>	6" Center Line	Proactive	\$650	0.0	\$0	_		
Federal Funds \$6,300 Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000  NDDOT Central Office Only Project Accepted?   Yes   No   Reference Number   ID Number   Notes  Page: 6 Segment ID: 508.01	Project Cost Estimate (at	tach detailed conv)			Dronos	nd Vaar o	of Cons	etruction	
Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000    NDDOT Central Office Only	Project Cost Estimate (att	lacii delalled copy)			Fropos	eu rear c	i Cons	struction	
Local Match (10% of Total project cost) \$700 Total Project Cost \$7,000    NDDOT Central Office Only		Federal Funds	\$6.300						
Total Project Cost \$7,000  NDDOT Central Office Only Project Accepted?	Local Mato								
Project Accepted? Yes No Reference Number ID Number  Notes  Page: 6 Segment ID: 508.01		Total Project Cost							
Project Accepted? Yes No Reference Number ID Number  Notes  Page: 6 Segment ID: 508.01		-	•						
Notes  Page: 6 Segment ID: 508.01	NDDOT Central Office On	ly							
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Date: 10/24/2013								•	
								Date:	10/24/2013

#### Ramsey County Curves

									Crashes								
Curve Count	ID	Corridor	Segment Start	End	Curve Advisory Sign	Speed Advisory Sign	Chevrons	Total	Total Severe	к а	Radius (ft)	ADT	Intersection on Curve	Visual Trap	Speed Limit	Risk Ranking	Notes
1	001A	1.01	Ramsey 1 Start of Ramsey 1	Intersection with ND 20	Yes	No	No	-	-		545	1791	Yes	Yes	High	***	
2	001B	1.01	Ramsey 1 Start of Ramsey 1	Intersection with ND 20	Yes	No	No	1	-		455	1791	Yes	Yes	High	**	
3	003A	3.01	Ramsey 3 Intersection with 48th Street	Intersection with ND 17	Yes	No	No	1	-		930	263	No	No	High	*	
4	003B	3.01	Ramsey 3 Intersection with 48th Street	Intersection with ND 17	Yes	No	No	-	-		965	263	Yes	Yes	High	***	
5	003C	3.02	Ramsey 3 Intersection with ND 17	Ramsey/Cavalier County Line	Yes	No	No	1	-		1120	222	Yes	Yes	High	***	
6	003D	3.02	Ramsey 3 Intersection with ND 17	Ramsey/Cavalier County Line	Yes	No	No	-	-		1055	222	Yes	Yes	High	***	
7	004A	4.01	Ramsey 4 Intersection with US 2	Intersection with 55th Street	Yes	No	No	-	-		1755	166	No	No	High		S-Curve
8	004B	4.01	Ramsey 4 Intersection with US 2	Intersection with 55th Street	Yes	No	No	-	-		850	166	No	No	High	*	S-Curve
9	004C	4.01	Ramsey 4 Intersection with US 2	Intersection with 55th Street	Yes	No	No	-	-		1175	166	No	No	High	*	S-Curve
10	004D	4.01	Ramsey 4 Intersection with US 2	Intersection with 55th Street	Yes	No	No	-	-		1460	166	No	No	High		S-Curve
11	004E	4.03	Ramsey 4 Intersection with 61st Street	Intersection with ND 17	Yes	Yes	No	-	-		1160	60	Yes	Yes	High	***	50 MPH
12	004F	4.03	Ramsey 4 Intersection with 61st Street	Intersection with ND 17	No	No	No	-	-		1105	60	Yes	Yes	High	***	
13	008A	8.02	Ramsey 8 Intersection with 91st Avenue (N)	Intersection with ND 1	Yes	Yes	No	-	-		550	89	Yes	Yes	High	***	50 MPH
14	008B	8.02	Ramsey 8 Intersection with 91st Avenue (N)	Intersection with ND 1	No	No	No	-	-		600	89	No	Yes	High	**	
15	008C	8.02	Ramsey 8 Intersection with 91st Avenue (N)	Intersection with ND 1	Yes	No	No	-	-		380	89	No	No	High		
16	008D	8.02	Ramsey 8 Intersection with 91st Avenue (N)	Intersection with ND 1	No	No	No	-	-		300	89	No	No	High		
17	505A	505.01	ods_Rutten R Ramsey/Benson County Line	Intersection with US 2	Yes	No	No	•	-		1065	530	Yes	Yes	High	****	
18	505B	505.01	ods_Rutten R Ramsey/Benson County Line	Intersection with US 2	Yes	No	No	-	-		660	530	No	No	High	**	
19	505C	505.01	ods_Rutten RiRamsey/Benson County Line	Intersection with US 2	Yes	No	No	-	-		720	530	No	No	High	**	
20	507A		No designatior Intersection with US 2	Intersection with 48th Street	Yes	Yes	No	-	-		360	666	No	No	High		30 MPH
21	508A	508.01	No designatior End of road at lake	Intersection with ND 20	No	No	No		-		600	458	Yes	Yes	High	****	

	To	otal
Stars	#	%
****	0	0%
****	2	9%
***	7	32%
**	4	18%
*	3	14%
	6	27%
	22	100%

Critical Ranges	Min	Max	
Radius	500	1,200	
ADT	350	650	

SFN 59959 (06-2	,	man/s	Conta Email	cy Name act Name: Address:	es on Ram Ramsey Cou Kevin Fieldse hwydept@ste	inty end ellarnet.c	om		amsey 1 t	1	tion with NE ND DOT District ephone Number	: 3	;	
Location Des						ner describe	s your proje	:01.						
Start: St End: Inf Facility Type: 2- ADT: 17 Road Type Ro County Road Ra	tersect Lane 791 ural Pa	ion with			Sj Shou Shou Leng	ane Width: peed Limit: lder Width: ulder Type: gth (miles): e Installed:	High 1' Paved 3.8				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Odd Curb Aggressive Dr Improvements to Ac Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depar ncy Medical Capab	for all Occupan	
				& System	ic Ranking Re									
	K A	A Ra	adius (ft)	ADT	Intersection on Curve	5 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	
	0 0		545 455	1791 1791	Yes Yes	Yes Yes	***	- X	X -	Chevron Chevron	Inside/Outside Inside/Outside	Inside/Outside Inside/Outside	x x	40 35
Ranking Crite	eria			Inters	Severe Crashes Radius 5 ADT 5 section on Curve Visual Trap	Criteria > 0 500 to 1200 350 to 650 Yes Yes	n further an	Curves are se - 3 or more ★	elected for projects survivor Existing Ch	ct if:	vel road, etc			
Describe Prop	posed	l Safe	ty Impro	ovements										
			Advand	ce Warning	Arrow B Sign/Speed Advis Shoulder Ru		Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per mile per mile	Quantity 2 0 2 .2 miles .2 miles	Total cost \$6,600 \$0 \$1,600 \$692 \$8,533 \$17,425	_Notes - Segmen suggested on oth		on projects
Project Cost I	Estim	ate (a	ttach de	etailed co	ру)					Proposed Ye	ear of Construct	ion		
				Local Mato	h (10% of Total p	leral Funds roject cost) ject Cost	\$1,742							
NDDOT Centr	al Of	fice O	nly							1				
Project Accepted' Notes	?		/es	No		Reference	Number				ID Number			
													Page Segment ID Date	

			Cit	1/00 OD	Damagu	2 from	Intoroo	otion wi	th 10th Ct	root to Int	ersection wi	th ND 17		
					Ramsey Cou		IIILEI SE	CLIOII WI	iii 40iii 3i		ND DOT District			
			-	-	Kevin Fields	-					ephone Number		5	
Diagon attack a	loootie				hwydept@st			a d						
Location De					nal sheets to fur	ther describe	e your proje	ect.						
044-	Intoros	otion	with 40th Ctro	ot.	,	\\\!:= 4	101					sis Area (check all	that apply)	
			with 48th Strewith ND 17	eı		Lane Width: Speed Limit:					Reduce Alcohol Imp Increase the Use of		for all Occupar	nts
Facility Type: ADT:		9				ulder Width: oulder Type:					Younger Driver/Olde Curb Aggressive Dr			
Road Type	Rural F				Len	gth (miles):	21.2			✓	Improvements to Ac	ldress Lane Depar		
County Road	Ramse	еу 3			Rumb	le Installed:	No				Enhancing Emerger Improve Intersection		oilities to Increa	se Survivability
Describe Cu	ırrent	t Safe	etv Issues A	& Systemi	ic Ranking R	eview								
North Dakota C				z <del>oy</del> oto	io riaming ri		years							
								Proximity or	High Priority	Sign		Shoulder	Advance Horizontal	
O ID	12		D = 45 · · - (#)	ADT	Intersection	Visual	Risk	Existing	Segment +	Improvement	Shoulder Paving	Rumble Strip	Alignment	Advisory Speed
Curve ID 003A	К 0	A 0	Radius (ft)	ADT 263	on Curve No	Trap No	Ranking ★	Chevrons -	Critical Radius	Project Chevron	Project -	Project Inside/Outside	Warning Sign x	Plaque 50
003B	0	0	965	263	Yes	Yes	***	-	х	Chevron	-	Inside/Outside	х	50
		conse	ecutive, as sor	me curves m	nay have been re	emoved fron	n further an	alysis because	e a large radius,	located on a gra	vel road, etc			
*Curve number <b>Ranking Cri</b>		conse	ecutive, as sor	me curves m			n further an		-	·	vel road, etc			
		conse	ecutive, as sor			Criteria	n further an		elected for proje	·	vel road, etc			
		conse	ecutive, as sor		Severe Crashes Radius	Criteria > 0 500 to 1200		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
		conse	ecutive, as sor	S	Severe Crashes Radius	Criteria > 0		Curves are se	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
		conse	ecutive, as sor	S	Severe Crashes Radius ADT	Criteria > 0 500 to 1200 350 to 650		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
	iteria	-		S	Severe Crashes Radius ADT ection on Curve	Criteria > 0 500 to 1200 350 to 650 Yes		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
Ranking Cri	iteria	-		S	Severe Crashes Radius ADT ection on Curve Visual Trap	Criteria > 0 500 to 1200 350 to 650 Yes		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:	vel road, etc	Notes - Segmen	t projects suggr	ested on other
Ranking Cri	iteria	-		S	Severe Crashes Radius ADT ection on Curve Visual Trap	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons	Type Proactive	Curves are st - 3 or more ★ - x in Proximit - within Critica  Unit Cost \$3,300	elected for projects by or Existing Chal Radius	ct if: nevron column  Quantity 2	Total cost \$6,600	_Notes - Segmen sheets.	t projects suggr	ested on other
Ranking Cri	iteria	-	afety Impro	Interse	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis	Criteria > 0 500 to 1200 350 to 650 Yes Yes Yes  Description Chevrons Board Only sory Plaque	Type Proactive Proactive Proactive	Curves are sr - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800	per curve	Quantity 2 0 2	Total cost \$6,600 \$0 \$1,600		t projects sugg	ested on other
Ranking Cri	iteria	-	afety Impro	Interse	Gevere Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive Proactive	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 .3 miles	Total cost \$6,600 \$0 \$1,600 \$978		t projects suggi	ested on other
Ranking Cri	opos	ed S	<b>afety Impro</b> - Advance	Interse	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes Yes  Description Chevrons Board Only sory Plaque	Type Proactive Proactive Proactive Proactive	Curves are sr - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178	sheets.	t projects suggr	ested on other
Ranking Cri	opos	ed S	<b>afety Impro</b> - Advance	Interse	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive Proactive	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0	sheets.	t projects suggr	ested on other
Ranking Cri	opos	ed S	afety Impro - Advanca - e (attach de	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip lider Paving	Type Proactive Proactive Proactive Proactive Proactive **8,260	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178	sheets.	t projects sugg	ested on other
Ranking Cri	opos	ed S	afety Impro - Advanca - e (attach de	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip lder Paving	Type Proactive Proactive Proactive \$8,260 \$918	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178	sheets.	t projects sugg	ested on other
Ranking Cri  Describe Pr  Project Cos	opos	ed Sa	afety Impro - Advance - e (attach de	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip lder Paving	Type Proactive Proactive Proactive \$8,260 \$918	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178	sheets.	t projects suggi	ested on other
Ranking Cri	oposi	ed Sa	Advance	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving  deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$8,260 \$918 \$9,178	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178 ear of Construct	sheets.	t projects suggr	ested on other
Ranking Cri  Describe Pr  Project Cos	oposi	ed Sa	Advance	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip lder Paving	Type Proactive Proactive Proactive Proactive \$8,260 \$918 \$9,178	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178	sheets.	t projects suggr	ested on other
Ranking Cri  Describe Pr  Project Cos  NDDOT Cen  Project Accepte	oposi	ed Sa	Advance	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving  deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$8,260 \$918 \$9,178	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178 ear of Construct	sheets.	t projects sugg	ested on other
Ranking Cri  Describe Pr  Project Cos  NDDOT Cen  Project Accepte	oposi	ed Sa	Advance	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving  deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$8,260 \$918 \$9,178	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178 ear of Construct	sheets.		
Ranking Cri  Describe Pr  Project Cos  NDDOT Cen  Project Accepte	oposi	ed Sa	Advance	Interse  vements  e Warning S  tailed cop	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving  deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$8,260 \$918 \$9,178	Curves are st - 3 or more * - x in Proximit - within Critical  Unit Cost \$3,300 \$500 \$800 \$3,000	per curve per curve per mile	Quantity 2 0 2 3 miles .0 miles	Total cost \$6,600 \$0 \$1,600 \$978 \$0 \$9,178 ear of Construct	sheets.	Page Segment ID	x: 2

North Dakota SFN 59959 (06		)			_			-	:-					
			Agen Conta Email	cy Name: ict Name: Address:	Ramsey Cou Kevin Fields hwydept@st	unty send tellarnet.c	om		h ND 17 to	ا	Cavalier Co ND DOT District ephone Number	: 3	;	
Please attach a <b>Location De</b>					nal sheets to fur	ther describe	e your proje	ect.						
Start: End: Facility Type: ADT: Road Type County Road	Interse Ramse 2-Lane 222 Rural Ramse	ection ey/Ca e Paved ey 3	with ND 17 valier County	Line	L S Shou Sho Len Rumb	_ane Width: Speed Limit: ulder Width: oulder Type: ogth (miles): le Installed:	High 2' Paved 9.8				SHSP Emphas Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ac Enhancing Emerger Improve Intersection	Safety Restraints er Driver Safety iving Idress Lane Depar ncy Medical Capab	for all Occupan	
Describe Co North Dakota C				& System	ic Ranking R		years							
Curve ID	K	A	Radius (ft)	ADT	Intersection on Curve	Visual Trap	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
003C 003D	0	0 0	1120 1055	222 222	Yes Yes	Yes Yes	***	-	x x	Chevron Chevron	-	Inside/Outside Inside/Outside	x	50
		t cons	ecutive, as so	\$	Severe Crashes Radius ADT ection on Curve	Criteria > 0 500 to 1200 350 to 650 Yes		Curves are se	elected for projects ty or Existing Ch		vel road, etc			
Ranking Cri	iteria			Interse	Severe Crashes Radius ADT	Criteria > 0 500 to 1200 350 to 650		Curves are se - 3 or more ★ - x in Proximit	elected for projects ty or Existing Ch	et if:	vel road, etc			
	iteria		afety Impro	Interso overnents	Severe Crashes Radius: ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only	Type Proactive Proactive Proactive Proactive	Curves are set - 3 or more * - x in Proximit - within Critica  Unit Cost \$3,300 \$500 \$800	elected for projects ty or Existing Chal Radius  per curve per curve per curve per curve per curve per curve	et if:	Total cost \$6,600 \$0 \$800 \$1,870 \$0	_Notes -		
Ranking Cri	opos	sed S	afety Impro - Advanc	Interso pvements se Warning S	Severe Crashes Radius ADT ection on Curve Visual Trap  Arrow Sign/Speed Advis Shoulder R	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip	Type Proactive Proactive Proactive Proactive	Curves are set - 3 or more * - x in Proximit - within Critica  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects ty or Existing Chal Radius  per curve per curve per curve per curve per curve per curve	Quantity 2 0 1 6 miles .0 miles	Total cost \$6,600 \$0 \$800 \$1,870	-		
Ranking Cri	opos	sed S	afety Impro - Advanc	Interse povements see Warning S	Arrow Sign/Speed Advis Shoulder R Shou	Criteria  > 0  500 to 1200  350 to 650  Yes  Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving	Type Proactive Proactive Proactive Proactive \$8,343	Curves are set - 3 or more * - x in Proximit - within Critica  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects by or Existing Chal Radius  per curve per curve per curve per curve per curve per curve	Quantity 2 0 1 6 miles .0 miles	Total cost \$6,600 \$0 \$800 \$1,870 \$0	-		
Ranking Cri  Describe Pr  Project Cos	opos	imate	Advance (attach de	Interso overnents se Warning S etailed cop Local Match	Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip ilder Paving  deral Funds project Cost	Type Proactive Proactive Proactive Proactive \$8,343 \$927 \$9,270	Curves are set - 3 or more * - x in Proximit - within Critica  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects by or Existing Chal Radius  per curve per curve per curve per curve per curve per curve	Quantity 2 0 1 .6 miles .0 miles	Total cost \$6,600 \$0 \$800 \$1,870 \$0 \$9,270 ear of Construct	-		
Ranking Cri	opos	imate	Advance (attach de	Interse povements see Warning S	Arrow Sign/Speed Advis Shoulder R Shou	Criteria > 0 500 to 1200 350 to 650 Yes Yes  Description Chevrons Board Only sory Plaque tumble Strip tumble Strip tumble Train deral Funds project cost)	Type Proactive Proactive Proactive Proactive \$8,343 \$927 \$9,270	Curves are set - 3 or more * - x in Proximit - within Critica  Unit Cost \$3,300 \$500 \$800 \$3,000	elected for projects by or Existing Chal Radius  per curve per curve per curve per curve per curve per curve	Quantity 2 0 1 .6 miles .0 miles	Total cost \$6,600 \$0 \$800 \$1,870 \$0	-		

			Agend Conta Email	cy Name ct Name: Address	Ramsey Cou Kevin Fields hwydept@s	unty send tellarnet.c	om		ith US 2 to	I	tion with 55t ND DOT District: ephone Number:	: 3	5	
			(Corridor C		onal sheets to fur	ther describ	e your proje	ect.						
Start End Facility Type	: Inters : Inters : 2-Lar : 166 e Rural	ection ection e	with US 2 with 55th Stree		L S Sho Sho Len	Lane Width: Speed Limit: Ulder Width: bulder Type: gth (miles): le Installed:	High 1' Paved 13.0				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 ccy Medical Capal	for all Occupar	
				& System	nic Ranking R		1/0.070							
North Dakota  Curve ID  004A	K 0	A 0	Radius (ft)	ADT 166	Intersection on Curve No	Visual Trap No	years Risk Ranking	Proximity or Existing Chevrons	High Priority Segment + Critical Radius	Sign Improvement Project	Shoulder Paving Project Inside/Outside	Shoulder Rumble Strip Project Inside/Outside	Advance Horizontal Alignment Warning Sign	Advisory Speed Plaque
004B 004C 004D	0 0	0 0	850 1175 1460	166 166 166	No No No	No No No	* *	- - X	х х -	Chevron Chevron	Inside/Outside Inside/Outside Inside/Outside	Inside/Outside Inside/Outside Inside/Outside	x - -	45 - -
Ranking Ci	riteria				Severe Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes		- 3 or more ★	ty or Existing Ch					
					Visual Trap	Yes								
Describe P	ropos	sed S	afety Impro	vements										
			Advance —	e Warning	Arrow Sign/Speed Advis Shoulder R	<b>Board Only</b>	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 2 0 1 .5 miles .5 miles	Total cost \$6,600 \$0 \$800 \$1,607 \$19,818 \$28,825	_Notes - Segmen suggested on ot		on projects
Project Co	st Est	imate	e (attach de	tailed co	ру)					Proposed Ye	ear of Construct	ion		
				Local Mato	h (10% of Total p	deral Funds project cost) pject Cost	\$2,882	-						
NDDOT Ce		Offic												
Project Accept Notes	ted?		Yes 🗆	No		Reference	e Number	l			ID Number			

Location De			Agend		Ramsey	4 from	ınterse	iction wi	th 61st St	reet to into	ersection wi	tn ND 11		
Location De Start: I End: I				ct Name:	Ramsey Cou Kevin Fields hwydept@st	end			0101 01		ND DOT District ephone Number	: 3	i	
Start: I End: I	script	n map			nal sheets to furt			ect.						
End: I		ion (	Corridor C	ontaining	g Curves)						OLIOD Essabas	:- A (-blll	Ale et e e e le d	
ADT: 6 Road Type F County Road F	nterseo 2-Lane 80 Rural P	ction water	rith 61st Stree rith ND 17	et	S Shou Sho Len	ane Width: peed Limit: ilder Width: ulder Type: gth (miles): le Installed:	High 2' Paved 8.7				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 Depar acy Medical Capab	for all Occupan	
				& System	ic Ranking R									
North Dakota Cr Curve ID	K	ΑI	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
004E 004F	0	0	1160 1105	60 60	Yes Yes	Yes Yes	*** ***	-	X X	Chevron Chevron	-	Inside/Outside Inside/Outside	-	-
*Curve numberii <i>Ranking Crit</i>		consec	cutive, as sor	Ş	Gevere Crashes Radius	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are se - 3 or more ★	elected for projects y or Existing Ch		vel road, etc			
Describe Pro	pose	d Sa	fety Impro	vements										
			Advance	e Warning S	Arrow Sign/Speed Advis		Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity  2 0 0 .6 miles .0 miles	Total cost \$6,600 \$0 \$0 \$1,937 \$0 \$8,537	_Notes -		
Project Cost	Estir	nate	(attach de	tailed cop	oy)					Proposed Yo	ear of Construct	ion		
		_		Local Match	n (10% of Total p	deral Funds project cost) pject Cost	\$854	-						
NDDOT Cent				_						l				
Project Accepte Notes	d?		Yes 🔲	No		Reference	Number				ID Number			
													Page Segment ID Date	

Start: Intersection with 91st Avenue (N)   Lane Width: 12'   Reduce Alcohol Impaired   Increase the Use of Safe   Increase	rea (check all that apply) d Driving ety Restraints for all Occupants iver Safety  ss Lane Departure Crashes Medical Capabilities to Increase Survivability
Start: Intersection with 91st Avenue (N)	d Driving ty Restraints for all Occupants iver Safety  as Lane Departure Crashes dedical Capabilities to Increase Survivability fety  Advance Shoulder Horizontal tumble Strip Alignment Advisory Speed Project Warning Sign Plaque side/Outside x 40 side/Outside x 40 side/Outside x 40 side/Outside x 35
Start: Intersection with 91st Avenue (N) End: Intersection with ND 1 Speed Limit: High ADT: 89 Road Type Rural Paved County Road Ramsey 8  Systemic Ranking Review North Dakota Crashes, 2008 - 2012  Systemic Ranking Re	d Driving ty Restraints for all Occupants iver Safety  as Lane Departure Crashes dedical Capabilities to Increase Survivability fety  Advance Shoulder Horizontal tumble Strip Alignment Advisory Speed Project Warning Sign Plaque side/Outside x 40 side/Outside x 40 side/Outside x 40 side/Outside x 35
North Dakota Crashes, 2008 - 2012   5 years	Shoulder Horizontal Advisory Speed Project Warning Sign Plaque side/Outside x 40 side/Outside x 40 side/Outside x 35
Curve ID         K         A         Radius (ft)         ADT         Intersection on Curve         Visual on Curve         Risk Ranking Ranking         Proximity or Existing Chevrons         High Priority Segment + Improvement Critical Radius         Shoulder Paving Project         Risk Priority Chevrons         Segment + Critical Radius         Project	Shoulder Horizontal Advisory Speed Project Warning Sign Plaque side/Outside x 40 side/Outside x 40 side/Outside x 35
008B 0 0 600 89 No Yes ** - x Chevron - Ins 008C 0 0 380 89 No No No x - Chevron - Ins 008D 0 0 300 89 No No No x - Chevron - Ins	side/Outside x 40 side/Outside x 35
*Curve numbering not consecutive, as some curves may have been removed from further enable is because a large radius located on a gravat read, etc.	
Ranking Criteria  Criteria  Curves are selected for project if:  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  - 3 or more ★s  - in Proximity or Existing Chevron column  - within Critical Radius	
Visual Trap Yes	
Describe Proposed Safety Improvements	
	tes - Intersection projects suggested on other eets.
Project Cost Estimate (attach detailed copy)  Proposed Year of Construction	
Federal Funds \$15,757  Local Match (10% of Total project cost) \$1,751  Total Project Cost \$17,508	
NDDOT Central Office Only	
Project Accepted?	
	Page: 6 Segment ID: 8.02

			Y IMPROV		PROGRAM gramming	(HSIP)	PROJE	CT APPLI	CATION						
SFN 59959 (0			Agend Conta Email	cy Name: ct Name: Address:	Ramsey Cou Kevin Fields hwydept@st	nty end ellarnet.c	om		Benson C	-	e to Intersec ND DOT District ephone Number	: 3			
			ap(s). You may ( <b>Corridor C</b>		nal sheets to furt	her describ	e your proje	ect.							
Start	Rams Inters 2-Lar 530	sey/Be section ne Paved	nson County L with US 2		L Sp Shou Shot Lenç	ane Width: peed Limit: lder Width: ulder Type: gth (miles): e Installed:	High 2' Paved 3.3	SHSP Emphasis Area (check all that apply)  Reduce Alcohol Impaired Driving  Increase the Use of Safety Restraints for all Occu Younger Driver/Older Driver Safety  Curb Aggressive Driving  Improvements to Address Lane Departure Crash Enhancing Emergency Medical Capabilities to Inc. Improve Intersection Safety					for all Occupan	es	
				& System	ic Ranking Re										
North Dakota ( Curve ID	Crashe K	es, 200 A	08 - 2012 Radius (ft)	ADT	Intersection on Curve	5 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	
505A 505B 505C	0 0 0	0 0 0	1065 660 720	530 530 530	Yes No No	Yes No No	****	- X X	x x x	Chevron Chevron Chevron	- - -	Inside/Outside Inside/Outside Inside/Outside	x x x	50 40 45	
*Curve numbe <b>Ranking Ci</b>			secutive, as sor	Ş	Severe Crashes Radius 5	Criteria > 0 500 to 1200 350 to 650 Yes Yes		Curves are se	elected for projects s ty or Existing Ch	ct if:	vel road, etc				
Describe P	ropos	sed S	Safety Impro	vements											
			Advanc	e Warning S	Arrow E Sign/Speed Advis Shoulder Ru	Board Only ory Plaque	Proactive Proactive Proactive Proactive	\$500 \$800	per curve per curve per curve per mile per mile	Quantity 3 0 3 .4 miles .0 miles	Total cost \$9,900 \$0 \$2,400 \$1,121 \$0 \$13,421	_ Notes - Intersec sheets.	tion projects su	ggested on other	
Project Cos	st Est	timat	e (attach de	tailed cop	oy)					Proposed Yo	ear of Construct	ion			
				Local Match	Fed n (10% of Total p Total Pro		\$1,342	_							
NDDOT Ce Project Accept Notes		Offic	e Only	No		Reference	e Number				ID Number				
													Page Segment ID Date		

Note 1 Selection Programment of Transportation Programming Programming Selection (Legislation of the Contract National C	HIGHWAY SAFET				(HSIP)	PROJE	CT APPLI	CATION					
Court   Continue   C	SFN 59959 (06-2011)	Age Con Emai	Curves ncy Name tact Name il Address	on No desi : Ramsey Cou : Kevin Fieldso : hwydept@sto	inty end ellarnet.c	om		road at lai		ND DOT District	: 3	5	
Same   Early of road at lake   Care With 12   Shoulder With 12   Sho					ner describe	c your proje	,						
North Dakota Crashes, 2008 - 2012	End: Intersection Facility Type: 2-Lane ADT: 458 Road Type Rural Pave	n with ND 20		Sp Shoul Shou Leng	peed Limit: ilder Width: ulder Type: gth (miles):	High 2' Paved 2.0				Reduce Alcohol Imp Increase the Use of Younger Driver/Olde Curb Aggressive Dr Improvements to Ad Enhancing Emerger	paired Driving Safety Restraints er Driver Safety iving Idress Lane Depa	for all Occupar	
Curve ID   K   A   Radius (ft)   ADT   on Curve   Trap   Panaling   Cherrior   Easting   Sign   Frequent   Project			& Systen	nic Ranking Re									
**Curve numbering not consecutive, as some curves may have been removed from further analysis because a large radius, located on a gravel road, etc  **Ranking Criteria**    Criteria**   Curves are selected for project it:   Severe Citables   - 0     Radius 500 to 1200     ADT 350 to 560     Intersection on Curve   Yes     Yisual Trap   Yes     Yes   Visual Trap	Curve ID K A	Radius (ft)		on Curve	Visual Trap	Risk Ranking	Existing	Segment + Critical Radius	Improvement Project	-	Rumble Strip Project	Horizontal Alignment Warning Sign	
Citeria   Severe Crashes   > 0	508A 0 0	600	458	Yes	Yes	****	-	Х	Chevron	-	Inside/Outside	Х	40
Advance Warning Sign/Speed Advisory Plaque Proactive S30,000 per curve 1 \$3,300 suggested on other sheets.  Advance Warning Sign/Speed Advisory Plaque Proactive S800 per curve 1 \$800 per curve	Ranking Criteria		Inters	Severe Crashes Radius 5 ADT : section on Curve Visual Trap	Criteria > 0 500 to 1200 350 to 650 Yes		Curves are se - 3 or more ★ - x in Proximit	elected for proje s ty or Existing Ch	ct if:	vel road, etc			
Advance Warning Sign/Speed Advisory Plaque Proactive S30,000 per curve 1 \$3,300 suggested on other sheets.  Advance Warning Sign/Speed Advisory Plaque Proactive S800 per curve 1 \$800 per curve													
Project Cost Estimate (attach detailed copy)  Federal Funds \$4,199 Local Match (10% of Total project cost) \$467 Total Project Cost \$4,666   NDDOT Central Office Only Project Accepted?   Yes   No   Reference Number   ID Number   Notes  Page: 8 Segment ID: 508.01		Advar	nce Warning	Arrow E Sign/Speed Advis Shoulder Ru	Chevrons Board Only sory Plaque umble Strip	Proactive Proactive Proactive Proactive	\$3,300 \$500 \$800 \$3,000	per curve per curve per mile	1 0 1 .2 miles	\$3,300 \$0 \$800 \$566 \$0			on projects
Local Match (10% of Total project cost   \$467	Project Cost Estima	te (attach o	letailed co	ру)					Proposed Yo		tion		
Project Accepted?			Local Mato	ch (10% of Total p	roject cost)	\$467							
Notes Page: 8 Segment ID: 508.01			_										
Page: 8 Segment ID: 508.01		Yes	□ No		Reference	e Number				ID Number	]		
Segment ID: 508.01	inoles												
												Segment ID	0: 508.01

## Ramsey County Summary of Rural Intersection Projects

Page	Intersection ID	Description	Risk Ranking	Directional Median	Mainline Dynamic Warning Sign	Install Street Lights	Signs & Markings	Project Cost (\$)
1	508.01	45th St NE (Ramsey 508) & ND 20	*****	-	Х	Х	Х	\$59,000
2	505.01	44th St NE & 89th Ave NE (Ramsey 505)	****	-	-	-	Х	\$1,850
3	1.01	47th St NE/County Highway 1 (Ramsey 1) & ND 20	***	-	х	-	Х	\$53,700
4	7.01	55th St NE (Ramsey 7) & ND 1	****	-	-	Х	Х	\$9,000
5	8.02	Main St/105th Ave NE (Ramsey 8) & ND 1	****	-	-	Х	Х	\$9,000
6	500.01	100th Ave & US 2 (E)	****	-	-	Х	Х	\$8,300
7	507.01	83rd Ave NE (Ramsey 507) & US 2	***	Х	-	Х	х	\$759,250
8	8.01	60th St NE (Ramsey 8) & 81st Ave NE/ND 20	***	-	-	Х	Х	\$9,700
9	501.01	100th Ave & US 2 (W)	***	-	-	Х	х	\$7,850
10	2.01	48th St NE (Ramsey 2) & 83rd Ave NE (Ramsey 507)	**	-	Х	Х	Х	\$59,000
11	506.01	49th St NE & 72nd Ave NE (Ramsey 506)	**	-	-	-	Х	\$3,000
12	4.01	US 2 & 96th Ave NE (Ramsey 4)	**	-	-	Х	-	\$9,000
13	504.01	44th St NE & 92nd Ave NE (Ramsey 504)	**	-	-	Х	-	\$9,250
14	2.02	48th St NE (Ramsey 2) & 91st Ave NE (Ramsey 3)	**	-	-	Х	-	\$7,850
				1	3	11	11	\$1,005,750

#### Ramsey 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	Cr	ash Cost
1.01	47th St NE/County Highway 1 (Ramsey 1) & ND 20	No	Yes	No	No	8282	Yes	5	Yes	\$	263,000
2.01	48th St NE (Ramsey 2) & 83rd Ave NE (Ramsey 507)	No	No	No	No	1280	No	1	Yes	\$	12,000
2.02	48th St NE (Ramsey 2) & 91st Ave NE (Ramsey 3)	No	No	No	No	540	Yes	0	Yes	\$	-
2.03	48th St NE (Ramsey 2) & 92nd Ave NE (Ramsey 504)	No	No	No	No	337	No	0	No	\$	-
2.04	48th St NE (Ramsey 2) & 96th Ave NE (Ramsey 4)	No	No	No	No	240	Yes	0	No	\$	-
3.01	60th St NE (Ramsey 8) & 91st Ave NE (Ramsey 3)	No	No	No	No	307	Yes	0	No	\$	-
3.02	61st St NE (Ramsey 8) & 91st Ave NE (Ramsey 3)	No	No	No	No	267	Yes	0	No	\$	-
3.03	69th St NE/ND 17 & 92nd Ave NE (Ramsey 3)	No	No	No	No	443	Yes	0	No	\$	-
3.04	74th St NE (Ramsey 9) & 92nd Ave NE (Ramsey 3)	No	No	No	No	335	Yes	0	No	\$	-
4.01	US 2 & 96th Ave NE (Ramsey 4)	No	No	No	No	1928	Yes	0	Yes	\$	-
4.02	51st St NE (Ramsey 6) & 96th Ave NE (Ramsey 4)	No	No	No	No	183	Yes	0	No	\$	-
4.03	55th St NE (Ramsey 7) & 96th Ave NE (Ramsey 4)	No	No	No	No	250	Yes	0	No	\$	-
4.04	61st St NE (Ramsey 8) & 96th Ave NE (Ramsey 4)	No	No	No	No	110	No	0	No	\$	-
4.05	61st St NE (Ramsey 8) & 97th Ave NE (Ramsey 4)	No	No	No	No	127	No	0	No	\$	-
4.06	69th St NE/ND 17 & 99th Ave NE (Ramsey 4)	No	No	No	No	433	Yes	0	No	\$	
4.07	74th St NE (Ramsey 9) & 99th Ave NE (Ramsey 4)	No	No	No	No	170	Yes	0	No	\$	-
7.01	55th St NE (Ramsey 7) & ND 1	Yes	Yes	Yes	No	728	Yes	0	No	\$	-
7.02	57th St NE (Ramsey 7) & ND 1	No	No	No	No	293	Yes	0	No	\$	-
8.01	60th St NE (Ramsey 8) & 81st Ave NE/ND 20	No	No	Yes	No	1267	Yes	0	Yes	\$	-
8.02	Main St/105th Ave NE (Ramsey 8) & ND 1	Yes	Yes	Yes	No	640	Yes	0	No	\$	-
9.01	74th St NE (Ramsey 9) & 82nd Ave NE/ND 17	No	No	No	No	435	Yes	0	No	\$	-
9.02	74th St NE (Ramsey 9) & 105th Ave NE/ND 1	No	No	No	No	558	Yes	0	No	\$	-
10.03	65th St NE (Ramsey 10) & 81st Ave NE/ND 20	No	No	No	No	1223	Yes	0	No	\$	-
500.01	100th Ave & US 2 (E)	Yes	Yes	No	No	2445	Yes	0	Yes	\$	-
500.02	100th Ave & 100th Ave	Yes	Yes	No	No	235	Yes	0	No	\$	-
501.01	100th Ave & US 2 (W)	No	Yes	No	No	2340	Yes	0	Yes	\$	-
502.01	42nd St NE (Ramsey 502) & 97th Ave NE (Ramsey 503)	No	No	No	No	300	No	0	No	\$	-
502.02	42nd St NE (Ramsey 502) & 96th Ave NE	No	No	No	No	240	No	0	No	\$	-
503.01	44th St NE & 97th Ave NE (Ramsey 503)	No	No	No	No	1945	No	0	Yes	\$	-
504.01	44th St NE & 92nd Ave NE (Ramsey 504)	No	No	No	No	2308	Yes	0	Yes	\$	-
505.01	44th St NE & 89th Ave NE (Ramsey 505)	Yes	Yes	Yes	No	345	Yes	1	No	\$	136,000
506.01	49th St NE & 72nd Ave NE (Ramsey 506)	No	No	No	No	945	Yes	1	No	\$	12,000
507.01	83rd Ave NE (Ramsey 507) & US 2	No	Yes	No	No	3315	No	2	Yes	\$	148,000
508.01	45th St NE (Ramsey 508) & ND 20	Yes	Yes	Yes	No	4952	Yes	2	Yes	\$	24,000

#### Ramsey County Rural Intersection Prioritization

Rank	Int #	Intersection Description	Skew	On/Near Curve	Development	RR Xing ST	Previous OP (>5mi)	Total Crashes	ADT Cross Product >100,000	Priority	Cra	ash Cost
1	508	45th St NE (Ramsey 508) & ND 20	*	*	*		*	*	*	*****	\$	24,000
2	505	44th St NE & 89th Ave NE (Ramsey 505)	*	*	*		*	*		****		136,000
3	1.01	47th St NE/County Highway 1 (Ramsey 1) & ND 20		*			*	*	*	****		263,000
4	7.01	55th St NE (Ramsey 7) & ND 1	*	*	*		*			****	\$	-
5	8.02	Main St/105th Ave NE (Ramsey 8) & ND 1	*	*	*		*			****	\$	-
6	500	100th Ave & US 2 (E)	*	*			*		*	****	\$	-
7	507.01	83rd Ave NE (Ramsey 507) & US 2		*				*	*	***		148,000
8	8.01	60th St NE (Ramsey 8) & 81st Ave NE/ND 20			*		*		*	***	\$	-
9*	500	100th Ave & 100th Ave	*	*			*			***	\$	-
10	501	100th Ave & US 2 (W)		*			*		*	***	\$	-
11	2.01	48th St NE (Ramsey 2) & 83rd Ave NE (Ramsey 507)						*	*	**	\$	12,000
12	506	49th St NE & 72nd Ave NE (Ramsey 506)					*	*		**	\$	12,000
13	4.01	US 2 & 96th Ave NE (Ramsey 4)					*		*	**	\$	-
14	504	44th St NE & 92nd Ave NE (Ramsey 504)					*		*	**	\$	-
15	2.02	48th St NE (Ramsey 2) & 91st Ave NE (Ramsey 3)					*		*	**	\$	-
16	2.04	48th St NE (Ramsey 2) & 96th Ave NE (Ramsey 4)					*			*	\$	-
17	3.01	60th St NE (Ramsey 8) & 91st Ave NE (Ramsey 3)					*			*	\$	-
18	3.02	61st St NE (Ramsey 8) & 91st Ave NE (Ramsey 3)					*			*	\$	-
19	3.03	69th St NE/ND 17 & 92nd Ave NE (Ramsey 3)					*			*	\$	-
20	3.04	74th St NE (Ramsey 9) & 92nd Ave NE (Ramsey 3)					*			*	\$	-
21	4.02	51st St NE (Ramsey 6) & 96th Ave NE (Ramsey 4)					*			*	\$	-
22	4.03	55th St NE (Ramsey 7) & 96th Ave NE (Ramsey 4)					*			*	\$	-
23	4.06	69th St NE/ND 17 & 99th Ave NE (Ramsey 4)					*			*	\$	-
24	4.07	74th St NE (Ramsey 9) & 99th Ave NE (Ramsey 4)					*			*	\$	-
25	7.02	57th St NE (Ramsey 7) & ND 1					*			*	\$	-
26	9.01	74th St NE (Ramsey 9) & 82nd Ave NE/ND 17					*			*	\$	-
27	9.02	74th St NE (Ramsey 9) & 105th Ave NE/ND 1					*			*	\$	-
28	10.03	65th St NE (Ramsey 10) & 81st Ave NE/ND 20					*			*	\$	-
29	503	44th St NE & 97th Ave NE (Ramsey 503)							*	*	\$	-
30	2.03	48th St NE (Ramsey 2) & 92nd Ave NE (Ramsey 504)									\$	-
31	4.04	61st St NE (Ramsey 8) & 96th Ave NE (Ramsey 4)									\$	-
32	4.05	61st St NE (Ramsey 8) & 97th Ave NE (Ramsey 4)									\$	-
33	502	42nd St NE (Ramsey 502) & 97th Ave NE (Ramsey 503)									\$	-
34	502.02	42nd St NE (Ramsey 502) & 96th Ave NE									\$	-
		Total Stars	s 6	9	5	0	26	6	11			
	Totals	% That Gets Sta	r 18%	26%	15%	0%	76%	18%	32%			

	Totals			% That Gets Star 18% 26% 15% 0% 76% 18% 32%	
		#	%		
ı	*****	0	0%	Stars	
	*****	1	3%	Skew - If intersection is skewed at an angle of 20 degrees or greater.	
	****	1	3%	On/Near Curve - If intersection is on or within 1,000 feet of curve.	
	****	4	12%	% Development - If intersection aerial shows a commercial development with access near intersection	ction.
	***	4	12%	76 RR Xing - If intersection has a railroad crossing on any approach within 500 feet.	
	**	5	15%	% Previous STOP (>5 mi) - If vehicles approaching the stop control have not had a previous stop along the	roadway within 5 miles
	*	14	41%	7 Total Crashes - If intersection has at least 1 crash.	
	-	5	15%	ADT Cross Product - If intersection has an ADT cross product >100,000	
-		34	100%	9/	

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HIGHWAY SAFETY IM North Dakota Department of T	ransportat	MENT PROGRA	M (HSIP) PROJI	ECT APPLIC	CATION		
SFN 59959 (06-2011)							
	_		St NE (Ramse				
Agency Name: Contact Name:	-	•			DOT District: one Number:		45
		@stellarnet.com		relepii	one Number.	701-002-70	15
Please attach a location map(s).			urther describe your pro	oject			
Location Description							
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Undivided Rural Ramsey	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	No No 4555 397		Reduce Alcohol Increase the Us Younger Driver/ Curb Aggressiv Improvements to	Impaired Drivi e of Safety Re Older Driver S e Driving o Address Lan rgency Medica	straints for all Occupants
Describe Current Safety Is	ssues & S	Systemic Ranking	Review				
North Dakota Crashes, 2008 - 20	)12	5	years				
	Total	Angle	K+A			2 100	
Crashes	2	1	0.00				
Rate (per MVM)	0.2	0.1	0.0	<del>-</del> //		> / //	
					THE STATE OF		
	\/alua	Critical	Diek Denking		5 6 3		1
Skew	Value Yes	Critical Yes	Risk Ranking ★	_			
On/Near Curve	Yes	Yes	*				
Development	Yes	Yes	*				
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	*	9	/ 1		
Volume Cross Product	Yes	≥ 100,000	*	8			
Total Crashes	2	>0	****				
Describe Proposed Safety	y Improve	ments					
ſ	Description	Unit Cost		Units	Cost	Notes -	Segment and curve projects
	Roundabout		per intersection	0	\$0.00		suggested on other sheets.
Directio Mainline Dynamic Wa	nal Median		per intersection per intersection	0 1	\$0.00 \$50,000.00		
_	ose Median		per intersection	0	\$0.00		
Installing St	treet Lights Stop Sign		per street light per sign	1 2	\$6,000.00 \$700.00		
Upgrade Jui			per sign	2	\$700.00		
Upgrade Stop Abo			per sign	2	\$900.00		
Upgrade Stop Ahe Upgrad	le Stop Bar		per marking per marking	1 1	\$450.00 \$250.00		
Review Sign	s and CST	\$2,450	per intersection	0	\$0.00		
Signs and Markings and Street L	iaht proiect	costs vary by the numb	er of minor legs associa	ated with the inter	\$59,000.00 rsection.		
Project Cost Estimate (att			ŭ		Year of Cons	truction	
End	leral Funds	\$53,100					
Local Match (10% of Total p		\$53,100 \$5,900					
Total Pro	ject Cost	\$59,000	-				
NDDOT Central Office On	dy						
Project Accepted?		□No	Reference Number			ID Number	
Notes							
							Page: 1
						Inte	Page: 1 ersection ID: 508.01
							Date: 10/24/2013

HIGHWAY SAFETY IM	DDOVE	MENT DDOCDA	M (USID) DDO II	CT ADDI IC	ATION	
North Dakota Department of T SFN 59959 (06-2011)			IM (HSIF) FROSI	ECT AFFLIC	ATION	
		44th St	NE & 89th Ave	NE (Ram	sey 505)	
Agency Name:	Ramsey	County		ND I	DOT District	: 3
Contact Name:	Kevin Fie	eldsend		Telepho	one Number	: 701-662-7015
Email Address:	hwydept	@stellarnet.com				
Please attach a location map(s).	You may us	se additional sheets to f	urther describe your pro	ject		
Location Description						
Configuration: Configuration (2): Urban/Rural: County: I Entering ADT: 3	Undivided Rural Ramsey	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg	No No 330 29		Reduce Alcoh Increase the L Younger Drive Curb Aggressi Improvements	to Address Lane Departure Crashes nergency Medical Capabilities to Increase Survivability
Describe Current Safety Is	ssues & S	Systemic Ranking	Review			
North Dakota Crashes, 2008 - 20	12	5	years			
	T-4-1	A I	17.4	_		
Crashes	Total 1	Angle 1	0.00		A STATE OF THE PARTY OF THE PAR	
Rate (per MVM)	1.6	1.6	0.00	4		
rate (per in vin)	1.0	1.0	0.0		The same of	
					100	
	Value	Critical	Risk Ranking			
Skew	Yes	Yes	*	-		
On/Near Curve	Yes	Yes	*			
Development	Yes No	Yes	*			
Near RR Crossing Distance from previous STOP	Yes	Yes Yes	*			
Volume Cross Product	No	≥ 100,000	^			
Total Crashes	1	>0	*			
			****	F		
Describe Proposed Safety	/ Improve	ements				
l ,	Description	Unit Cost		Units	Cost	Notes - Curve projects suggested on other
	oundabout		per intersection	0	\$0.00	sheets.
	nal Median		per intersection	0	\$0.00	onodo.
Mainline Dynamic Wa			per intersection	0	\$0.00	
	se Median	\$25,000	per intersection	0	\$0.00	
Installing St			per street light	0	\$0.00	
. •	Stop Sign		per sign	1	\$350.00	
Upgrade Jur Upgrade Stop A			per sign per sign	1	\$350.00 \$450.00	
Upgrade Stop Ahea			per marking	1	\$450.00	
	e Stop Bar		per marking	1	\$250.00	
Review Signs	s and CST	\$2,450	per intersection	0	\$0.00	<u>_</u>
					\$1,850.00	
Signs and Markings and Street Li  Project Cost Estimate (att			er of minor legs associa			
Project Cost Estimate (att	acri ueta	пец сору)		Proposed	Year of Con	Struction
Fed	eral Funds	\$1,665				
Local Match (10% of Total pr		\$185				
Total Pro	ject Cost	\$1,850	-			
	-					
NDDOT Central Office On						
Project Accepted?	Yes	□No	Reference Number			ID Number
Notes						
						Page: 2
						Intersection ID: 505.01
						Date: 10/24/2013

HIGHWAY SAFETY IM North Dakota Department of T	i <b>PROVE</b> īransporta	:MENT PROGRA	M (HSIP) PROJ	ECT APPLIC	CATION		
SFN 59959 (06-2011)	тапэропа	mon'r rogramming					
		47th St NE/C	ounty Highwa	ıy 1 (Rams	ey 1) & ND	20	
Agency Name:					DOT District: 3		
Contact Name:				Telepho	one Number: 7	01-662-7015	
Please attach a location map(s).		t@stellarnet.com	urther describe vour nr	niect			
Location Description	Tou may u	Se duditional sheets to 1	urtiler describe your pre	JJCC1			
Configuration: Configuration (2): Urban/Rural: County:	Undivided Rural Ramsey	Traffic Control Device: Street Lights: Flashers: Major Entering ADT	Yes No 7048		Reduce Alcohol II Increase the Use Younger Driver/O Curb Aggressive Improvements to	mpaired Driving of Safety Restr Ilder Driver Safe Driving Address Lane I	aints for all Occupants ety Departure Crashes
Entering ADT:	0202	Minor Entering ADT: Major Leg:			Improve Intersect		Capabilities to Increase Survivability
Describe Courset Safator I	201122 0	Cuatamia Dankina	Daview				
Describe Current Safety Is North Dakota Crashes, 2008 - 20	<u>ssues &amp;  </u> 112		years				
Troma Banota Gradinos, 2000 20			, , , , , , , , , , , , , , , , , , , ,				
Crashes	Total 5	Angle 0	K+A 0.00			- //	Aur angle
Rate (per MVM)	0.3	0.0	0.0	4			
				_	1		
	Value	Critical	Diak Dankina		4 3 0		W. The same of the
Skew	Value No	Critical Yes	Risk Ranking	_			20
On/Near Curve	Yes	Yes	*	1			
Development	No	Yes		-	7		
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	*	-	E PAN		
Volume Cross Product	Yes	≥ 100,000	*		十二十二		
Total Crashes	5	>0	*			2	AND DESCRIPTION OF THE PERSON NAMED IN
			***	-	No. and Assessed Billion March		
Describe Proposed Safety	y Improv	ements					
r	Description	unit Cost		Units	Cost	Notes - S	egment and curve projects
	coundabout		per intersection	0	\$0.00		uggested on other sheets.
	nal Median	*,	per intersection	0	\$0.00		
Mainline Dynamic Wa	arning Sign ose Median		per intersection per intersection	1 0	\$50,000.00 \$0.00		
Installing St			per street light	Installed	\$0.00		
	Stop Sign		per sign	2	\$700.00		
Upgrade Jui	U	·	per sign	2 2	\$700.00 \$900.00		
Upgrade Stop A Upgrade Stop Ahea			per sign per marking	2	\$900.00		
	le Stop Bar		per marking	2	\$500.00		
Review Sign	s and CST	\$2,450	per intersection	0	\$0.00		
Signs and Markings and Street Li	ight project	t costs vary by the numb	er of minor legs associ	ated with the inter	\$53,700.00		
Project Cost Estimate (att			er or minor legs associa		Year of Constr	uction	
·							
Fed Local Match (10% of Total p	leral Funds	+ -,					
Total Pro			-				
	•						
NDDOT Central Office On					Lie	<u> </u>	
Project Accepted? Notes	Yes	□No	Reference Number		ļIL	O Number	
Notes							
							Page: 3
						Inters	ection ID: 1.01 Date: 10/24/2013

UIOLIWAY OA FETY IMPR	OVENENT	DD 0 0 D 4	M (UOID) DDO 150	T 4 DD1	IO A TION		
HIGHWAY SAFETY IMPR North Dakota Department of Trans			M (HSIP) PROJEC	I APPL	ICATION		
SFN 59959 (06-2011)	portation rog						
		55	th St NE (Ramse	•			
Agency Name: Ran					DOT District:	-	
Contact Name: Key				Telep	hone Number:	701-662-70	15
Email Address: hwy Please attach a location map(s). You			iurther describe vour projec	t			
Location Description	may acc addition	10.01.001010	aranor december year projec				
Configuration: X Configuration (2): Undi Urban/Rural: Rura County: Ram Entering ADT: 728	vided II sey Major I	ontrol Device Street Lights Flashers Entering ADT Entering ADT Major Leg	: No : No : 600 : 128		Reduce Alcoho Increase the U Younger Driver Curb Aggressiv Improvements	ol Impaired Drivi se of Safety Res r/Older Driver So re Driving to Address Landergency Medica	straints for all Occupants
Describe Current Safety Issue	es & Systemi						
North Dakota Crashes, 2008 - 2012			years				
		Angle	K+A			120	
0.000	0 ).0	0 0.0	0.00 0.0				The state of the s
, , , , , , , , , , , , , , , , , , ,		Critical	Risk Ranking				
		Yes	*		attended to		1
		Yes Yes	* *		- O	->.0\	
P		Yes	^		- 3		
		Yes	*				
	No ≥1 0	00,000 >0					S (1) (2)
Total Ordanes	<u> </u>	- 0	***		1		
Describe Drawered Cafety Inc							
Describe Proposed Safety Im	provements						
		nit Cost		Units	Cost	Notes -	
Round Directional M	dabout Median	. , ,	per intersection per intersection	0 0	\$0.00 \$0.00		
Mainline Dynamic Warning			per intersection	0	\$0.00		
Close M			per intersection	0	\$0.00		
Installing Street Upgrade Sto			per street light per sign	1 2	\$6,000.00 \$700.00		
Upgrade Junction			per sign	2	\$700.00		
Upgrade Stop Ahea			per sign	2	\$900.00		
Upgrade Stop Ahead M	•		per marking per marking	1	\$450.00		
Upgrade Sto Review Signs and			per marking per intersection	1 0	\$250.00 \$0.00		
. to non-eight and	<u> </u>	ΨΞ, .σσ	por interesection		\$9,000.00	=	
Signs and Markings and Street Light							
Project Cost Estimate (attach	detailed cop	<i>y)</i>		Propose	d Year of Cons	struction	
Federal	Funds \$	8,100					
Local Match (10% of Total projec		\$900	_				
Total Project	Cost \$9	9,000					
NDDOT Central Office Only							
Project Accepted?	s 🗆 No		Reference Number			ID Number	
Notes							
							Page: 4
						Inte	rsection ID: 7.01 Date: 10/24/2013

HIGHWAY SAFETY IME	DDOVEN	IENT DDOGDA	M (HSID) DDO II	ECT ADDI IC	NOITA	
North Dakota Department of Tr SFN 59959 (06-2011)			IWI (HOIF) FROOI	LOT AFFLIC	ATION	
		Main St/	105th Ave NE	(Ramsey 8	3) & ND 1	
Agency Name: F	Ramsey C			`	OOT District:	3
Contact Name: K				Telepho	one Number:	701-662-7015
Email Address: h						
Please attach a location map(s). Y	ou may use	additional sheets to f	urther describe your pro	ject		
Location Description						
Configuration: X Configuration (2): U Urban/Rural: R County: R Entering ADT: 6	Jndivided Rural Ramsey	Fraffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg	No No 498 143		Reduce Alcohol Increase the Us Younger Driver Curb Aggressiv Improvements	to Address Lane Departure Crashes ergency Medical Capabilities to Increase Survivability
Describe Current Safety Is	sues & Sy	stemic Ranking	Review			
North Dakota Crashes, 2008 - 201	12	5	years			
	Total	Angle	IZ i A	_		
Crashes	Total 0	Angle 0	0.00	- 9	Charles of the Charles	A CONTRACTOR OF THE PARTY OF TH
Rate (per MVM)	0.0	0.0	0.0	5	and and a	
, ,				<u> </u>	A	THE CONTRACTOR OF THE CONTRACT
				3	SOLUTION AND ADDRESS OF THE PARTY.	
					10000000000000000000000000000000000000	
	Value	Critical	Risk Ranking		4	
Skew On/Near Curve	Yes	Yes	*	40	1	47 W
Development	Yes Yes	Yes Yes	× +		ST.	2 1
Near RR Crossing	No	Yes	^			
Distance from previous STOP	Yes	Yes	*		BOOK HILL	
Volume Cross Product	No	≥ 100,000			V //	
Total Crashes	0	>0			7	
			****			
Describe Proposed Safety	Improvor	monto				
Describe Proposed Safety	IIIIproveii	ileilis				
D	escription	Unit Cost		Units	Cost	Notes - Curve projects suggested on other
	undabout		per intersection	0	\$0.00	sheets.
	al Median		per intersection	0	\$0.00	
Mainline Dynamic War			per intersection	0	\$0.00	
	se Median		per intersection	0	\$0.00	
Installing Str Upgrade			per street light per sign	1 2	\$6,000.00 \$700.00	
Upgrade June	. •		per sign	2	\$700.00	
Upgrade Stop Al			per sign	2	\$900.00	
Upgrade Stop Ahead	d Marking	\$450	per marking	1	\$450.00	
. •	Stop Bar		per marking	1	\$250.00	
Review Signs	and CST	\$2,450	per intersection	0	\$0.00	_
Signs and Markings and Street Lig	aht project co	nete vary by the numb	er of minor leas associa	ated with the inters	\$9,000.00	
Project Cost Estimate (atta	ach detaile	ed copy)	ci oi illilloi lega daaaale		Year of Cons	struction
r roject door zoumate (unit				Поресси		
Fede	eral Funds	\$8,100				
Local Match (10% of Total pro		\$900	_			
Total Proje	ect Cost	\$9,000				
NDDOT Control Office Only	1/					
NDDOT Central Office Only		NI.	Defenses Number			IID Niverbox
Project Accepted? [	Yes	No	Reference Number			ID Number
110.00						
						Page: 5
						Intersection ID: 8.02 Date: 10/24/2013
						Date. 10/27/2010

IIIOINWAY OA FETY III	IDD 61/5	TATELLE DOGODA	M (1015) 550 II	-OT 4 DDL 1	0.4.71.0.11		
HIGHWAY SAFETY IM  North Dakota Department of T			M (HSIP) PROJI	ECT APPLIC	CATION		
SFN 59959 (06-2011)	Тапорона						
			100th Ave &	` ,			
Agency Name:	-	•			DOT District:		
Contact Name:				Teleph	one Number:	701-662-701	15
Email Address: Please attach a location map(s).		@stellarnet.com	urthor dosoribo vour pro	vicet			
Location Description	Tou may us	se additional sheets to h	urtiler describe your pro	Ject			
200adon 2000npdon				Т	SHSP Emp	hasis Area (ch	eck all that apply)
					Reduce Alcohol		
Configuration:		Traffic Control Device:	•		Increase the Use Younger Driver/		straints for all Occupants
Configuration (2): Urban/Rural:		Street Lights: Flashers:			Curb Aggressive		alety
	Ramsey	Major Entering ADT:				-	e Departure Crashes
Entering ADT:	2445	Minor Entering ADT:					I Capabilities to Increase Survivability
		Major Leg:	Paved	✓	Improve Intersec	ction Safety	
Describe Current Safety Is	ssues &	Systemic Ranking	Review	_			
North Dakota Crashes, 2008 - 20			years				
	Total	Angle	K+A				
Crashes	0	0	0.00	_			
Rate (per MVM)	0.0	0.0	0.0				
				1			7,000
	Value	Critical	Risk Ranking				
Skew	Yes	Yes	*	_			
On/Near Curve	Yes	Yes	*				
Development	No No	Yes Yes				(E)	The same of the sa
Near RR Crossing Distance from previous STOP	Yes	Yes	*				
Volume Cross Product		≥ 100,000	*			2 5	9 6 5
Total Crashes	0	>0				2	
			***				
Describe Proposed Safety	y Improve	ements					
,	Description	Unit Coat		Linita	Coot	Notos	Sagment projects suggested on
	Description Roundabout		per intersection	Units 0	Cost \$0.00	Notes -	Segment projects suggested on other sheets.
	nal Median	* ,,	per intersection	0	\$0.00		
Mainline Dynamic Wa			per intersection	0	\$0.00		
Clo Installing St	ose Median		per intersection per street light	0 1	\$0.00 \$6,000.00		
	e Stop Sign		per sign	2	\$700.00		
Upgrade Jui			per sign	2	\$700.00		
Upgrade Stop A		·	per sign	2	\$900.00		
Upgrade Stop Ahea	ad Marking de Stop Bar		per marking per marking	0 0	\$0.00 \$0.00		
Review Sign			per intersection	0	\$0.00		
			•		\$8,300.00		
Signs and Markings and Street L <b>Project Cost Estimate (att</b>			er of minor legs associa		rsection. Year of Const	truction	
Troject Gost Estimate (att	acri deta	печ сору)		Порозец	real of const	auction	
	deral Funds	\$7,470					
Local Match (10% of Total Pro	ject Cost	\$830 <b>\$8,300</b>	-				
Total Fio	Ject Cost	φο,300					
NDDOT Central Office On							
Project Accepted?	Yes	□No	Reference Number			ID Number	
Notes							
							Page: 6
						Into	rsection ID: 500.01
						iiile	Date: 10/24/2013

HIGHWAY SAFETY IMPROVE	MENT PROGRA	M (HSIP) PROJE	CT APPL	ICATION		
North Dakota Department of Transportati SFN 59959 (06-2011)	on Programming					
	83rd	Ave NE (Rams				
Agency Name: Ramsey C				DOT District: 3		
Contact Name: Kevin Fie			Telep	hone Number: 70	01-662-7015	
Email Address: hwydept@						
Please attach a location map(s). You may use	e additional sheets to f	urther describe your proje	ct			
Location Description			1	CUCD Empha	asis Area (check all that apply)	
				Reduce Alcohol Im		
Configuration: X	Traffic Control Device:	Thru Stop			of Safety Restraints for all Occupants	
Configuration (2): Divided	Street Lights:	•		Younger Driver/Ol		
Urban/Rural: Rural	Flashers			Curb Aggressive D	<del>-</del>	
County: Ramsey	Major Entering ADT			•	Address Lane Departure Crashes	
Entering ADT: 3315	Minor Entering ADT: Major Leg			Improve Intersection	ency Medical Capabilities to Increase Sui on Safety	vivability
	Major Log	. i avea		improve intersectiv	on Galety	
Describe Current Safety Issues & S	Systemic Ranking	Review				
North Dakota Crashes, 2008 - 2012		years				
Total	A	17. A				
Total  Crashes 2	Angle 0	0.00	-			
Rate (per MVM) 0.3	0.0	0.0				
,			_			
Value Skew No	Critical Yes	Risk Ranking	-	1		
On/Near Curve Yes	Yes	*				
Development No	Yes	^				
Near RR Crossing No	Yes					
Distance from previous STOP No	Yes					
Volume Cross Product Yes	≥ 100,000	*				
Total Crashes 2	>0	***	-			
Describe Proposed Safety Improve	ments					
Description Roundabout	Unit Cost \$1,000,000	per intersection	Units 0	Cost \$0.00	Notes - Segment projects suggested other sheets.	ı on
Directional Median		per intersection	1	\$750,000.00	other sheets.	
Mainline Dynamic Warning Sign		per intersection	0	\$0.00		
Close Median		per intersection	0	\$0.00		
Installing Street Lights Upgrade Stop Sign	\$6,000	per street light	1	\$6,000.00		
Upgrade Junction Sign		per sign per sign	2	\$700.00 \$700.00		
Upgrade Stop Ahead Sign	· ·	per sign	2	\$900.00		
Upgrade Stop Ahead Marking		per marking	1	\$450.00		
Upgrade Stop Bar		per marking	2	\$500.00		
Review Signs and CST	\$2,450	per intersection	0	\$0.00 \$759,250.00		
Signs and Markings and Street Light project of	costs vary by the numb	er of minor legs associate	ed with the inte			
Project Cost Estimate (attach detail				d Year of Constru	ıction	
Federal Funds	\$683,325 \$75,035					
Local Match (10% of Total project cost)  Total Project Cost	\$75,925 <b>\$759,250</b>	-				
rotari roject cost	Ψ133,230					
NDDOT Central Office Only						
, ,	No	Reference Number		ID	Number	
Notes						
					Page: 7	
					Intersection ID: 507.01 Date: 10/24/2013	

HIGHWAY SAFETY IM  North Dakota Department of T			M (HSIP) PROJE	ECT APPLI	CATION			
SFN 59959 (06-2011)	Tanoportati							
			E (Ramsey 8) 8					
Agency Name:					DOT District:			
Contact Name:				Telepr	none Number:	701-662-701	15	
Email Address:   Please attach a location map(s).			urther describe vour pro	niect				
Location Description	. ou may do		uniner december year pro	Joo.				
Configuration: . Configuration (2): Urban/Rural: ! County: ! Entering ADT: .	Undivided Rural Ramsey 1267	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	No No 1138 130 Paved		Reduce Alcoho Increase the U Younger Drive Curb Aggressi Improvements	ol Impaired Drivi se of Safety Res r/Older Driver Sa ve Driving to Address Land ergency Medica	straints for all Occupants	vability
Describe Current Safety Is	ssues & S							
North Dakota Crashes, 2008 - 20	12	5	years					
	Total	Angle	K+A		551	1 9968 18		
Crashes	0	0	0.00	_	of the second		27//	
Rate (per MVM)	0.0	0.0	0.0	_		1.6	5.491	
						1 Co. William		
Skew	Value No	Critical Yes	Risk Ranking	_	AL PERSON	Li Jagi		
On/Near Curve	No	Yes			is the			
Development	Yes	Yes	*	Į.				
Near RR Crossing Distance from previous STOP	No Yes	Yes Yes	•		Service Contract			
Volume Cross Product	Yes	≥ 100,000	*		-			
Total Crashes	0	>0		_		Si fil		
			***			The same of		
Describe Proposed Safety	/ Improve	ments						
-	Description	Unit Coat		Llaita	Cont	Notes -		
	oundabout	Unit Cost \$1,000,000	per intersection	Units 0	Cost \$0.00	_ Notes -		
	nal Median	\$750,000	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	2	\$700.00			
Upgrade Jur			per sign	2	\$700.00			
Upgrade Stop A Upgrade Stop Ahea			per sign per marking	2 2	\$900.00 \$900.00			
	e Stop Bar		per marking	2	\$500.00			
Review Signs	s and CST	\$2,450	per intersection	0	\$0.00	_		
Signs and Markings and Street Li	ight project (	rosts vary by the numb	er of minor legs associa	ated with the inte	\$9,700.00			
Project Cost Estimate (att			er or minor legs associa		Year of Cons	struction		
Fed Local Match (10% of Total pr	eral Funds	\$8,730 \$970						
Total Pro		\$9,700	=					
NDDOT Central Office On		7	Defense as Number			IID Normalian		
Project Accepted? Notes	Yes	□No	Reference Number			ID Number		
							Page: 8	
						Inte	rsection ID: 8.01	

IIIOINWAY OA FETY III	DD 01/5	MENT DDGGD	M (UOID) DDO U	-OT A DDI I	0.4.7.0.1		
HIGHWAY SAFETY IM  North Dakota Department of T			M (HSIP) PROJI	ECT APPLIC	CATION		
SFN 59959 (06-2011)	тапорога						
			100th Ave &	` ,			
Agency Name:					DOT District:		
Contact Name:				Teleph	one Number: 7	701-662-701	15
Please attach a location map(s).		:@stellarnet.com	urther describe your pro	niect			
Location Description	Tou may us	se additional sincets to i	urtiler describe your pro	Ject .			
Configuration: Configuration (2):	Divided	Traffic Control Device: Street Lights:	: No		Reduce Alcohol Increase the Use Younger Driver/0	Impaired Driving of Safety Resolution of Safety Resolution of the safety and	straints for all Occupants
Urban/Rural: County: Entering ADT:	Ramsey	Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	: 2235 : 210		•	Address Lane gency Medica	e Departure Crashes I Capabilities to Increase Survivability
Describe Current Safety Is		Systemic Ranking	Review				
North Dakota Crashes, 2008 - 20	12	5	years				
	Total	Angle	K+A				
Crashes	0	0	0.00	_		0	4 阿斯尼尼尼西西
Rate (per MVM)	0.0	0.0	0.0	_	932		
	Value	Critical	Risk Ranking		late 1		
Skew	No	Yes		_			- (* h)
On/Near Curve	Yes	Yes	*	P			
Development Near RR Crossing	No No	Yes Yes				9 20	
Distance from previous STOP	Yes	Yes	*		The state of the s		
Volume Cross Product Total Crashes	Yes 0	≥ 100,000 >0	*				
Total oldolloo			***	_		AR	
Describe Proposed Safety	v Improv	ements					
	,						
	Description			Units	Cost		Segment projects suggested on
	toundabout nal Median	. ,	per intersection per intersection	0 0	\$0.00 \$0.00		other sheets.
Mainline Dynamic Wa		*,	per intersection	0	\$0.00		
	se Median		per intersection	0	\$0.00		
Installing St Upgrade	treet Lights Stop Sign		per street light per sign	1 1	\$6,000.00 \$350.00		
Upgrade Jui			per sign	1	\$350.00		
Upgrade Stop A			per sign	1	\$450.00		
Upgrade Stop Ahea	ad Marking le Stop Bar		per marking per marking	1 1	\$450.00		
Review Sign			per intersection	0	\$250.00 \$0.00		
-		· ,	•		\$7,850.00		
Signs and Markings and Street L			er of minor legs associa			w.otion	
Project Cost Estimate (att	acn deta	шеа сору)		Proposea	Year of Const	ruction	
Fed	leral Funds	\$7,065					
Local Match (10% of Total p			_				
Total Pro	ject Cost	\$7,850					
NDDOT Central Office On	lv						
Project Accepted?		□No	Reference Number		I	D Number	
Notes				· · · ·			
							Page: 9
						Inte	rsection ID: 501.01 Date: 10/24/2013

HIGHWAY SAFETY IMPROVEN		M (HSIP) PROJE	CT APPLI	CATION	
North Dakota Department of Transportation SFN 59959 (06-2011)					
	•	amsey 2) & 83ı		` _	•
Agency Name: Ramsey C Contact Name: Kevin Fiel				DOT District:	
Email Address: hwydept@			reiepi	ione Number:	701-002-7015
Please attach a location map(s). You may use		urther describe your proj	ect		
Location Description		, , , , , , , , , , , , , , , , , , ,			
•					hasis Area (check all that apply)
Configuration	Froffic Comban Devices	The Oten			Impaired Driving
Configuration: X  Configuration (2): Undivided	Fraffic Control Device: Street Lights	•			e of Safety Restraints for all Occupants Older Driver Safety
Urban/Rural: Rural	Flashers			Curb Aggressive	
County: Ramsey	Major Entering ADT			•	Address Lane Departure Crashes
Entering ADT: 1280	Minor Entering ADT Major Leg			Improve Intersec	rgency Medical Capabilities to Increase Survivability
				improve intersec	Silon Guicty
Describe Current Safety Issues & S					
North Dakota Crashes, 2008 - 2012	5	years			
Total	Angle	K+A			CONTRACTOR STATE
Crashes 1	0	0.00	_		
Rate (per MVM) 0.4	0.0	0.0	_		
Value	Critical	Risk Ranking			The state of the s
Skew No	Yes			Trans.	
On/Near Curve No	Yes				
Development No Near RR Crossing No	Yes Yes				5
Distance from previous STOP No	Yes				
Volume Cross Product Yes	≥ 100,000	*			
Total Crashes 1	>0	*	_	到 2000年	
		^ ^			
Describe Proposed Safety Improver	nents				
December	Linit Cook		l laita	Cont	Notes Comment projects suggested on
Description Roundabout	Unit Cost \$1 000 000	per intersection	Units 0	Cost \$0.00	Notes - Segment projects suggested on other sheets.
Directional Median		per intersection	Ö	\$0.00	
Mainline Dynamic Warning Sign		per intersection	1	\$50,000.00	
Close Median Installing Street Lights		per intersection per street light	0 1	\$0.00 \$6,000.00	
Upgrade Stop Sign		per sign	2	\$700.00	
Upgrade Junction Sign	\$350	per sign	2	\$700.00	
Upgrade Stop Ahead Sign		per sign	2	\$900.00	
Upgrade Stop Ahead Marking Upgrade Stop Bar		per marking per marking	1 1	\$450.00 \$250.00	
Review Signs and CST		per intersection	Ö	\$0.00	
0				\$59,000.00	
Signs and Markings and Street Light project or <b>Project Cost Estimate (attach detail</b>		er of minor legs associat		ersection.  I Year of Const	ruction
Troject cost Estimate (attach details	ей сору)		Порозец	r rear or const	ruction
Federal Funds	\$53,100				
Local Match (10% of Total project cost)	\$5,900 <b>\$50,000</b>	_			
Total Project Cost	\$59,000				
NDDOT Central Office Only					
, ,	] No	Reference Number			ID Number
Notes					
					Dogo: 10
					Page: 10 Intersection ID: 2.01
					Date: 10/24/2013

HIGHWAY SAFETY IMINOrth Dakota Department of Tr			M (HSIP) PROJI	ECT APPLI	CATION		
SFN 59959 (06-2011)	ansportati						
		49th St	NE & 72nd Av	e NE (Ran	nsey 506)		
Agency Name: F					DOT District:	-	_
Contact Name: P				Teleph	one Number:	701-662-701	5
Email Address: h Please attach a location map(s). Y			irther describe your pro	niect			
Location Description	ou may use	e additional sheets to h	artirer describe your pro	Jeor			
Configuration: X Configuration (2): U Urban/Rural: F County: F Entering ADT: 9	Jndivided Rural Ramsey 945	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	No No 885 60 Paved		Reduce Alcohol Increase the U Younger Driver Curb Aggressiv Improvements	ol Impaired Drivin se of Safety Res r/Older Driver Sa ve Driving to Address Lane ergency Medical	traints for all Occupants
Describe Current Safety Is							
North Dakota Crashes, 2008 - 201	12	5	years				
	Total	Angle	K+A		-2		
Crashes	1 0.6	0 0.0	0.00 0.0	-		6	
Rate (per MVM)	0.0	0.0	0.0	- 1			
	Value	Critical	Risk Ranking			46	
Skew	No	Yes	RISK Ralikiliy	_			
On/Near Curve	No	Yes		8	和普通的特別	THE REAL PROPERTY.	THE PERSON NAMED IN
Development	No No	Yes Yes					
Near RR Crossing Distance from previous STOP	Yes	Yes	*				
Volume Cross Product	No	≥ 100,000		- 1	A STATE OF THE STA		
Total Crashes	1	>0	*	_ i			
Describe Proposed Safety	Improve	ments					
D	escription	Unit Cost		Units	Cost	Notes -	
	oundabout		per intersection	0	\$0.00	_	
Direction Mainline Dynamic Wai	al Median		per intersection per intersection	0 0	\$0.00 \$0.00		
_	se Median		per intersection	0	\$0.00		
Installing Str			per street light per sign	0 2	\$0.00 \$700.00		
Upgrade Jun	Stop Sign ction Sign		per sign	2	\$700.00		
Upgrade Stop Al	head Sign	\$450	per sign	2	\$900.00		
Upgrade Stop Ahea	d Marking Stop Bar		per marking per marking	1 1	\$450.00 \$250.00		
Review Signs			per intersection	0	\$0.00	_	
Signs and Markings and Street Lig	aht project (	costs vary by the numb	or of minor loge accoris	ated with the inte	\$3,000.00		
Project Cost Estimate (atta			er or minor legs associa		Year of Cons	struction	
·		• • •					
Fede Local Match (10% of Total pro	eral Funds	\$2,700 \$300					
Total Proj		\$3,000	-				
AIDDOT Occidend Office Oct							
NDDOT Central Office Only Project Accepted?		□No	Reference Number			ID Number	
Notes		<u> </u>	reference Number			ID INGILIBEI	
						Inton	Page: 11 section ID: 506.01
						inter	Date: 10/24/2013

HIGHWAY SAFETY IM			M (HSIP) PROJE	CT APPLIC	ATION		
North Dakota Department of T SFN 59959 (06-2011)	Fransporta	tion Programming					
		US	2 & 96th Ave N	√E (Ramse	y 4)		
Agency Name:					OOT District: 3		
Contact Name:				Telepho	one Number: 7	701-662-701	5
		@stellarnet.com					
Please attach a location map(s).	You may u	se additional sheets to f	urther describe your proj	ect			
Location Description					CHCD Frank	i- A (-b-	eck all that apply)
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Divided Rural Ramsey	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	No No 1775 153		Reduce Alcohol Increase the Use Younger Driver/O Curb Aggressive Improvements to	Impaired Drivir of Safety Res Older Driver Sa Driving Address Lane gency Medical	ng traints for all Occupants
Describe Current Safety Is	ssues &	Systemic Ranking	Review				
North Dakota Crashes, 2008 - 20	)12	5	years				
	Total	Anala	ΚιΛ	_			
Crashes	Total 0	Angle 0	0.00	_		9	
Rate (per MVM)	0.0	0.0	0.0				
rate (per mvm)	Value	Critical	Risk Ranking	_			
Skew	No	Yes	INISK INALIKILIY	<del>-</del>			
On/Near Curve	No	Yes			- TK		14
Development	No	Yes					
Near RR Crossing	No	Yes			The last		(A)
Distance from previous STOP	Yes	Yes	*	6.	2		
Volume Cross Product	Yes	≥ 100,000	*			1	
Total Crashes	0	>0	**	_	1 1	3/1/	
			^ ^				
Describe Proposed Safety	y Improv	ements					
,	Daaasistias	Linit Cook		Lluita	04	Notos	Compart and ourse projects
	Description Coundabout		per intersection	Units 0	Cost \$0.00		Segment and curve projects suggested on other sheets.
	nal Median		per intersection	0	\$0.00		ouggested on other sheets.
Mainline Dynamic Wa		,	per intersection	0	\$0.00		
	se Median	\$25,000	per intersection	0	\$0.00		
Installing St			per street light	1	\$6,000.00		
	Stop Sign		per sign	2	\$700.00		
Upgrade Jui Upgrade Stop <i>I</i>			per sign per sign	2 2	\$700.00 \$900.00		
Upgrade Stop Ahe			per marking	1	\$450.00		
	le Stop Bar		per marking	1	\$250.00		
Review Sign	s and CST	\$2,450	per intersection	0	\$0.00		
					\$9,000.00		
Signs and Markings and Street L	ight project	costs vary by the numb	er of minor legs associat				
Project Cost Estimate (att	iach deta	шеа сору)		Proposea	Year of Const	ruction	
Fed	leral Funds	\$8,100					
Local Match (10% of Total p		,					
Total Pro			_				
NDDOTO / LOW O	,						
NDDOT Central Office On			Defense a Number			D. Niverala an	
Project Accepted? Notes	Yes	□No	Reference Number		<u> </u>	D Number	
NOTES							
							Page: 12
						Inter	section ID: 4.01
							Date: 10/24/2013

HIGHWAY SAFETY IN North Dakota Department of	IPROVE Transporta	MENT PROGRA ition Programming	M (HSIP) PROJE	ECT APPLIC	CATION		
SFN 59959 (06-2011)		11th St	NE & 92nd Av	o NE (Pan	250V 504\		
Agency Name: Contact Name:		County	NE & 92110 AV	` ND	DOT District:	3 701-662-7015	
Email Address:	hwydept	t@stellarnet.com		:4			
Please attach a location map(s). <b>Location Description</b>	You may u	se additional sneets to the	urtner describe your pro	Ject			
Location Description					SHSP Em	phasis Area (check	all that apply)
Configuration: Configuration (2): Urban/Rural: County: Entering ADT:	Divided Rural Ramsey	Traffic Control Device: Street Lights: Flashers: Major Entering ADT: Minor Entering ADT: Major Leg:	No No 2083 225		Increase the Us Younger Driver Curb Aggressiv Improvements	r/Older Driver Safety ve Driving to Address Lane De ergency Medical Cal	
Describe Current Safety I		Systemic Ranking	Review				
North Dakota Crashes, 2008 - 20	012	5	years				
	Total	Angle	K+A		<b>分</b>		NAME OF TAXABLE PARTY.
Crashes	0	0	0.00	_		-	
Rate (per MVM)	0.0	0.0	0.0	_ [			
							- 1848 N
	Value	Critical	Risk Ranking				CAST THE PARTY OF
Skew	No	Yes	RISK Ralikiliy	_		Data de la constanta de la con	THE RESERVE
On/Near Curve	No	Yes			DESCRIPTION OF THE PARTY OF THE	SALES IN COLUMN TO SALES IN COLU	
Development Near RR Crossing	No No	Yes Yes					All the same
Distance from previous STOP	Yes	Yes	*				
Volume Cross Product		≥ 100,000	*				
Total Crashes	0	>0	**	_ [		3	OF THE REAL PROPERTY.
Describe Proposed Safet	y improv	ements					
	Description			Units	Cost	Notes -	
	Roundabout Inal Median		per intersection per intersection	0 0	\$0.00 \$0.00		
Mainline Dynamic W		. ,	per intersection	0	\$0.00		
	ose Median		per intersection	0	\$0.00		
Installing S Upgrade	treet 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 / Upgrade Stop Ahe			per sign per marking	2 1	\$900.00 \$450.00		
	de Stop Bar	\$250	per marking	2	\$500.00		
Review Sign	ns and CST	\$2,450	per intersection	0	\$0.00 \$9,250.00	_	
Signs and Markings and Street L	ight project	t costs vary by the numb	er of minor legs associa	ited with the inter			
Project Cost Estimate (at	tach deta	niled copy)		Proposed	Year of Cons	truction	
Fed	deral Funds	\$8,325					
Local Match (10% of Total p		. ,	_				
Total Pro	ject Cost	\$9,250					
NDDOT Central Office On	ılv						
Project Accepted?	Yes	□No	Reference Number	T		ID Number	
Notes							
							Page: 13
						Intersect	tion ID: 504.01
							Date: 10/24/2013

HIGHWAY SAFETY IMPROV	EMENT PROGRA	M (HSIP) PROJE	CT APPLIC	ATION	
North Dakota Department of Transport SFN 59959 (06-2011)	tation Programming				
	48th St NE (	Ramsey 2) & 9	1st Ave N	E (Ramsey	/ 3)
Agency Name: Ramse				OOT District:	
Contact Name: Kevin F			Telepho	one Number:	701-662-7015
Email Address: hwyder Please attach a location map(s). You may		further describe vour prei	ioot		
Location Description	use additional sheets to	diffici describe your proj	eci		
Eccution Description				SHSP Emp	hasis Area (check all that apply)
					Impaired Driving
Configuration: T	Traffic Control Device	•			e of Safety Restraints for all Occupants
Configuration (2): Undivided Urban/Rural: Rural	d Street Lights Flashers			Younger Driver/ Curb Aggressive	Older Driver Safety
County: Ramsey	Major Entering ADT				o Address Lane Departure Crashes
Entering ADT: 540	Minor Entering ADT			Enhancing Eme	rgency Medical Capabilities to Increase Survivability
	Major Leg	: Paved	✓	Improve Intersec	ction Safety
Describe Current Safety Issues &	2 Systemic Panking	Poviow			
North Dakota Crashes, 2008 - 2012		years			
		,,,,,			
Total	Angle	K+A			1
Crashes 0 Rate (per MVM) 0.0	0.0	0.00 0.0	1		
rate (per in vivi)	0.0	0.0		d hat.	
					6
			N .		
Value Skew No	Critical Yes	Risk Ranking	<del></del>		
On/Near Curve No	Yes				AND THE PROPERTY OF THE PARTY O
Development No	Yes		1		
Near RR Crossing No	Yes		6	The state of the s	
Distance from previous STOP Yes	Yes	*	100	是不是	
Volume Cross Product Yes Total Crashes 0	≥ 100,000 >0	*	K)	S. Carlotte	
Total Glastics 0		**	_		
Describe Proposed Safety Impro	vements				
Descriptio	on Unit Cost		Units	Cost	Notes - Segment projects suggested on
Roundabo		per intersection	0	\$0.00	other sheets.
Directional Media		per intersection	0	\$0.00	
Mainline Dynamic Warning Sig	•	per intersection	0	\$0.00	
Close Media Installing Street Ligh		per intersection per street light	0 1	\$0.00 \$6,000.00	
Upgrade Stop Sig	jn \$350	per sign	1	\$350.00	
Upgrade Junction Sig	n \$350	per sign	1	\$350.00	
Upgrade Stop Ahead Sig		per sign	1	\$450.00 \$450.00	
Upgrade Stop Ahead Markir Upgrade Stop Ba	-	per marking per marking	1	\$450.00 \$250.00	
Review Signs and CS		per intersection	0	\$0.00	
0				\$7,850.00	
Signs and Markings and Street Light proje Project Cost Estimate (attach de		per of minor legs associat		section. <b>Year of Const</b>	ruction
Project Cost Estimate (attach de	taneu copy)		Proposed	rear or Corist	ruction
Federal Fund	ds \$7,065				
Local Match (10% of Total project cos		_			
Total Project Cos	st <b>\$7,850</b>				
NDDOT Central Office Only					
Project Accepted?	□No	Reference Number	Т		ID Number
Notes					
					Page: 14
					Intersection ID: 2.02 Date: 10/24/2013