

City of Minot

The total project cost suggested for the City of Minot is \$396,140. The project cost breakout for roadway segment, right-angle intersection, and pedestrian/bicyclist intersection projects are listed in Table 4-6. High-priority locations that received a project are shown in Figure 4-9 and Tables 4-7 through 4-9. These locations are described in further detail in Appendix A along with priority rankings and suggested project sheets.

TABLE 4-6
City of Minot Project Costs

Project Type	Cost
Roadway Segments	\$92,140
Right-Angle Intersections	\$114,000
Pedestrian and Bicyclist Intersections	\$190,000
Total	\$396,140

TABLE 4-7
City of Minot – Urban Segment Projects

Corridor ID	Local Street Name	Risk Ranking	2-Lane to 3-Lane Conv (miles)	Project Cost (\$)
802.02	16th St SW	★★★★	1.7	\$ 28,917
808.01	16th Ave	★★★★	2.0	\$ 34,000
809.01	11th Ave SE	★★★★	0.75	\$ 12,750
811.02	3rd St NE / Airport Rd	★★★★	1.0	\$ 16,473
		TOTALS	5.5	\$ 92,140

TABLE 4-8
City of Minot – Right Angle Intersections

Corridor ID	Local Street Name	Confirmati on Lights	Access Management	Project Cost (\$)
83.01	Broadway St (20th Ave to Central)	5	Yes	\$ 105,000
83.02	Broadway St (4th Ave to 30th Ave)	4		\$ 4,000
802.01	16th Street (22nd to Hwy 2)	5		\$ 5,000
		TOTALS	1	\$ 114,000

TABLE 4-9
 City of Minot – Urban Pedestrian and Bicycle Projects

Corridor ID	Local Street Name	Advanced Walk	Countdown Timers	Curb Extensions	Project Cost (\$)
83.01	US 83 (20th Ave to Central Ave)	4	4	2	\$ 70,000
83.02	US 83 (4th Ave to 30th Ave NW)	4	4		\$ 40,000
802.02	16th Street (2nd Ave to 21st Ave NW)	2	2	4	\$ 80,000
		11	11	6	\$ 190,000

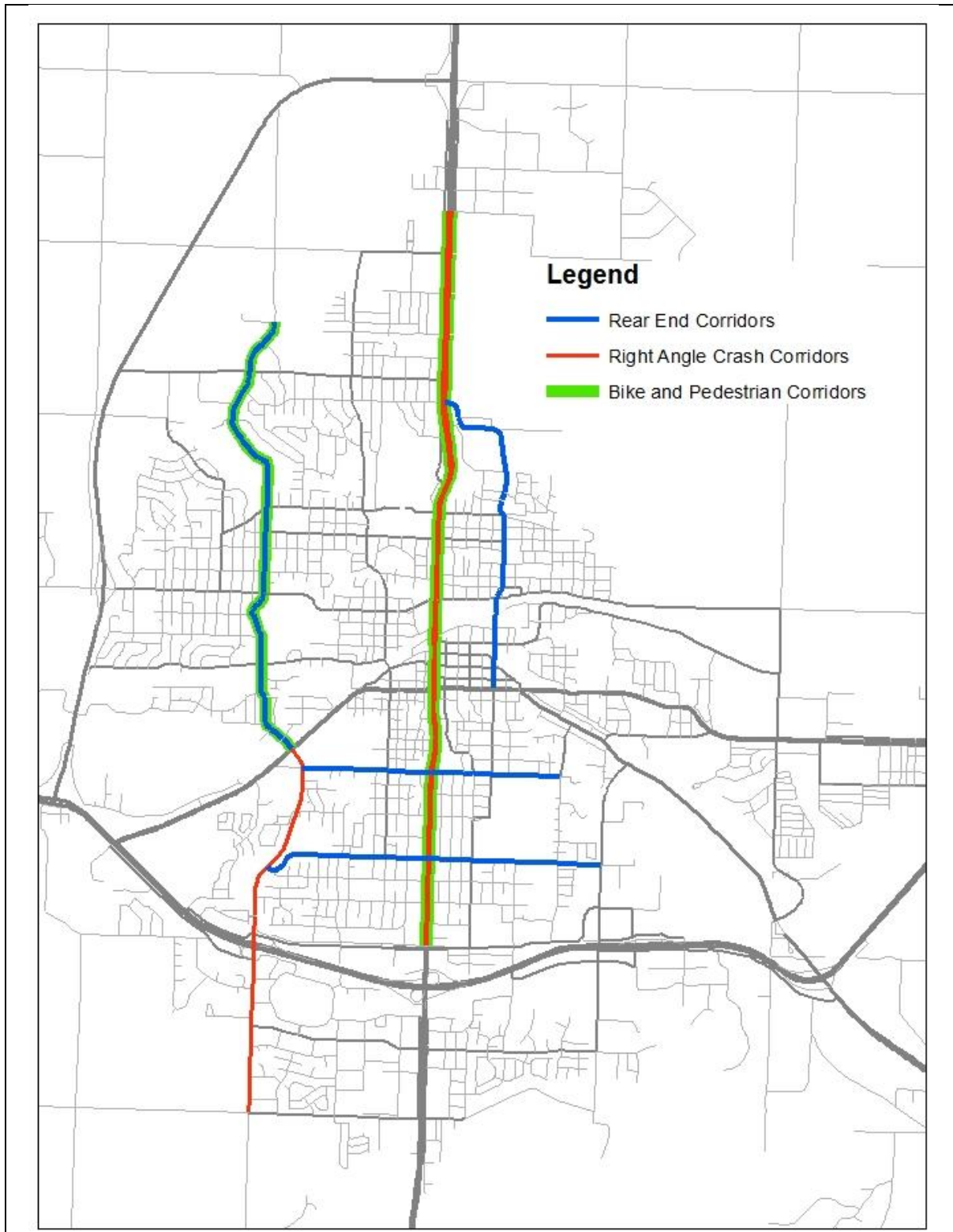


FIGURE 4-9
High-Priority Urban Corridor

23 USC 409
NDDOT Reserves All Objections

City of Minot Urban Segment Projects - Rear End/Head On

Corridor ID	Local Street Name	Start	End	Length	Risk Ranking	2-Lane to 3-Lane Conv	Project Cost (\$)	Notes
802.02	16th St SW	Western Ave SW	24th Ave NW	2.7	★★★★	1.7	\$ 28,917	4th Ave to 24th Ave
808.01	16th Ave	16th St SW	13th St SE	2.0	★★★★	2.0	\$ 34,000	
809.01	11th Ave SE	16th St SW	Hiawatha St SE	1.5	★★★★	0.75	\$ 12,750	Broadway St to Hiawatha St.
811.02	3rd St NE / Airport Rd	E Burdick Expy	N Broadway	1.9	★★★★	1.0	\$ 16,473	11th Ave to Hwy 83
				8.1		5.5	\$ 92,140	

Detailed Corridor Information

Ward Urban County Corridors						Volume	General										Ped Bike				Access				
Corridor	Local Name	Start	End	Road Type	City	Weighted ADT	Length	Speed Limit	# Lanes	Lane Width	Median	Paved Shoulder Width	Gravel Shoulder Width	Curb & Gutter	Shoulder Type	Transit Route	Ped Generator	Description	Sidewalk / Bikeway	Description	Designated Mid Block Crossings	On Street Bike Lane	Primary Land Use	Total	Access/ Mile
800.01	37th Ave SW	16th St SW	S Broadway St	Urban Minor Arterial	Minot	8,742	1.0	40	5	12	-	2	-	Yes	Paved	-	Yes	Shopping	Yes	-	-	-	Commercial	18	18.0
800.02	37th Ave SE	S Broadway St	2nd St SE	Urban Minor Arterial	Minot	1,630	0.2	25	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Commercial	13	65.0
801.01	31st Ave SW	16th St SW	S Broadway St	Urban Minor Arterial	Minot	6,309	1.0	35	3	12	-	2	-	Yes	Paved	-	Yes	Shopping	Yes	-	-	-	Commercial	58	58.0
801.02	31st Ave SE	S Broadway St	13th St SE	Urban Minor Arterial	Minot	4,175	1.0	25	2	12	-	-	1	-	Gravel	-	-	-	Yes	Bike Path	-	-	Residential	34	34.0
802.01	16th St SW	37th Ave SW	Western Ave SW	Urban Minor Arterial	Minot	14,325	2.2	40	4	12	Half	2	-	Yes	Paved	-	Yes	Shopping	Yes	-	-	-	Commercial	35	15.9
802.02	16th St SW	Western Ave SW	24th Ave NW	Urban Minor Arterial	Minot	8,394	2.7	25	4	12	Half	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	140	51.9
803.01	Frontage Rd SW	37th Ave SW	28th Ave SW	Urban Collector	Minot	740	0.7	?	2	12	-	-	2	-	Gravel	-	Yes	Food/Gas	-	-	-	-	Commercial	22	31.4
804.01	Frontage Rd SW	41st Ave SW	28th Ave SW	Urban Collector	Minot	845	0.8	30	2	12	-	-	2	Some	Gravel	-	-	-	-	-	-	-	Commercial	23	28.8
805.01	Elk Dr	Sundown Dr	16th St SW	Urban Collector	Minot	2,111	1.1	25	2	12	-	-	3	-	Gravel	-	-	-	-	-	-	-	Commercial	24	21.8
806.01	20th Ave SW / Frontage Rd	Elk Drive	S Broadway St	Urban Collector / Minor Arterial	Minot	7,725	1.5	40	4	12	Some	2	-	Yes	Paved	-	Yes	Shopping	-	-	-	-	Commercial	42	28.0
806.02	20th Ave SE / 18th Ave SE	S Broadway St	20th Ave SE	Urban Collector / Minor Arterial	Minot	4,626	1.7	40	5	12	-	2	-	Yes	Paved	-	Yes	Shopping	Yes	-	-	-	Commercial	32	18.8
806.03	20th Ave SE	13th St SE	US 52	Urban Collector	Minot	1,000	1.4	?	2	12	-	-	3	-	Gravel	-	Yes	Shopping	-	-	-	-	Commercial	30	21.4
806.04	20th Ave SE	13th St SE	20th St SE	Urban Collector	Minot	390	0.5	?	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Commercial	15	30.0
807.01	21st Ave SE / 17th St SE	US 2	US 2	Urban Collector	Minot	480	0.9	25	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Commercial	16	17.8
808.01	16th Ave	16th St SW	13th St SE	Urban Collector	Minot	2,903	2.0	25	2	12	-	2	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Residential	116	58.0
809.01	11th Ave SE	16th St SW	Hiawatha St SE	Urban Collector / Minor Arterial	Minot	5,425	1.5	25	3	12	-	2	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Residential	75	50.0
810.01	6th St SW	16th Ave SW	W Burdick Expy	Urban Collector / Minor Arterial	Minot	4,350	1.0	25	2	12	-	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	89	89.0
810.02	6th St NW	W Burdick Expy	30th Ave NW	Urban Collector / Minor Arterial	Minot	3,894	2.6	25	2	12	-	4	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	157	60.4
811.01	2nd St SE / 3rd St SE	20th Ave SE	E Burdick Expy	Urban Collector / Minor Arterial	Minot	4,053	1.6	25	2	12	-	4	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	106	66.3
811.02	3rd St NE / Airport Rd	E Burdick Expy	N Broadway	Urban Minor Arterial	Minot	6,681	1.9	25	2	12	-	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	76	40.0
812.01	13th St SE	31st Ave SE	Valley St	Urban Minor Arterial	Minot	5,498	1.7	30	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Residential	37	21.8
813.01	27th St	Valley St	5th Ave NE	Urban Minor Arterial	Minot	5,920	2.0	35	2	12	-	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	28	14.0
814.01	US 2 Frontage Rd	US 2 Frontage Rd	16th Ave SE	Urban Collector	Minot	338	1.4	30	2	12	-	-	-	-	Composite	-	-	-	-	-	-	-	Commercial	24	17.1
814.02	US 2 Frontage Rd	E Burdick Expy	End	Urban Collector	Minot	420	0.8	25	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Commercial	33	41.3
815.01	42nd St SE	US 2	E Burdick Expy	Urban Collector	Minot	3,198	0.5	25	2	12	-	-	6	-	Gravel	-	-	-	-	-	-	-	Commercial	24	48.0
816.01	1st St SW	11th Ave SE	Central Ave E	Urban Collector	Minot	1,851	0.9	?	2	12	-	4	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	47	52.2
817.01	Hiawatha St SE	11th Ave SE	Valley St	Urban Collector	Minot	2,870	0.3	25	2	12	-	4	-	Yes	Paved	-	-	-	-	-	-	-	Residential	20	66.7
818.01	8th Ave SE	Valley St	E Burdick Expy	Urban Minor Arterial	Minot	4,581	0.6	30	2	12	-	-	6	-	Gravel	-	-	-	-	-	-	-	Residential	24	40.0
819.01	11th Ave SE	31st St SE	42nd St SE	Urban Collector	Minot	1,753	0.7	25	2	12	-	-	3	-	Gravel	-	-	-	-	-	-	-	Residential	36	51.4
820.01	31st St SE	11th Ave SE	E Burdick Expy	Urban Collector	Minot	2,510	0.2	25	2	12	-	-	4	-	Gravel	-	-	-	-	-	-	-	Commercial	9	45.0
821.01	US 2 Frontage Rd	31st St SE	55th St SE	Urban Collector	Minot	875	1.7	?	2	12	-	-	3	-	Gravel	-	-	-	-	-	-	-	Commercial	46	27.1
822.01	2nd Ave SW	30th St SW	6th St NW	Urban Collector / Minor Arterial	Minot	2,555	1.7	25	2	12	-	6	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	98	57.6
823.01	3rd Ave SE	S Broadway St	Front St SE	Urban Collector	Minot	1,424	0.5	25	2	12	-	4	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	36	72.0
824.01	2nd Ave SW	W Burdick Expy	E Burdick Expy	Urban Minor Arterial	Minot	2,848	1.0	25	2	12	-	6	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	55	55.0
825.01	1st Ave	S Broadway St	3rd St SE	Urban Collector	Minot	1,146	0.4	25	2	12	-	6	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	25	62.5
826.01	1st St SE	E Burdick Expy	Central Ave E	Urban Collector	Minot	1,479	0.3	25	2	12	-	12	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	17	56.7
827.01	Central Ave E / 4th Ave NE	Broadway St	8th St NE	Urban Collector	Minot	3,401	2.2	25	2	12	-	6	-	Yes	Paved	-	Yes	Downtown	Yes	-	-	-	Commercial	39	17.7
827.02	4th Ave NE	8th St NE	27th St SE	Urban Collector	Minot	1,017	2.2	35	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Residential	20	9.1
828.01	4th Ave NW	2nd Ave NW	N Broadway	Urban Minor Arterial	Minot	7,456	1.9	25	4	12	-	2	-	Yes	Paved	-	Yes	-	Yes	-	-	-	Residential	91	47.9
828.02	4th Ave NE / 5th Ave NE	N Broadway	27th St NE	Urban Minor Arterial	Minot	4,734	2.0	25	2	12	-	2	-	Yes	Paved	-	-	-	-	-	-	-	Residential	48	24.0
829.01	5th Ave NE	3rd St NE	4th Ave NW	Urban Minor Arterial	Minot	1,910	0.1	?	2	12	-	6	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	12	120.0
830.01	20th St NW / Sunset Blvd	4th Ave NW	19th Ave NW	Urban Collector	Minot	944	1.2	25	2	12	-	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	98	81.7
831.01	University Ave	16th St NW	N Broadway	Urban Minor Arterial	Minot	4,308	1.4	25	2	12	-	4	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	109	77.9
832.01	11th Ave NW	20th St NW	End in Campus	Urban Collector	Minot	1,855	1.1	25	2	12	-	4	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	62	56.4
832.02	11th Ave NE	Start in Campus	3rd St NE	Urban Collector	Minot	1,937	0.6	25	2	12	-	2	-	Yes	Paved	-	-	-	Yes	-	-	-	Residential	28	46.7
833.01	21st Ave NW	US 83	N Broadway	Urban Minor Arterial	Minot	3,715	1.9	25	2	12	-	-	4	-	Yes	Paved	-	-	-	Yes	-	-	Residential	73	38.4
834.01	Frontage Rd	N Broadway	40th Ave NW	Urban Collector	Minot	1,116	2.1	?	2	12	-	2	-	-	Paved	-	Yes	Gas / Food	-	-	-	-	Commercial	58	27.6
835.01	30th Ave NW	8th St NW	N Broadway	Urban Collector	Minot	1,398	0.5	35	2	12	-	-	8	-	Gravel	-	-	-	-	-	-	-	Residential	15	30.0
836.01	Frontage Rd	34th Ave NE	City Limit	Urban Collector	Minot	500	0.6	?	2	12	-	-	2	-	Gravel	-	-	-	-	-	-	-	Commercial	16	26.7

59.8

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming

SFN 59959 (06-2011)

16th St SW from Western Ave SW to 24th Ave NW Project

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Number: 802.02
 Corridor: 16th St SW
 Start: Western Ave SW
 End: 24th Ave NW
 City/Rural: Urban
 County: Ward

 ADT: 8394
 Lanes: 4
 Access Density 51.85185185
 Speed Limit: 25
 Length (miles): 2.7

SHSP Emphasis Area (check all that apply)

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

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

	K+A
Rear End	0
Sideswipe Passing	0
Head On	0
Sideswipe Opposing	0
	0

Describe Current Safety Issues & Systemic Ranking Review

	Value	Critical	Star Ranking
ADT:	8,394	≥ 10,000	★
Major Approach Lanes:	4	≥ 4	★
Access Density:	51.851852	15 - 60	★
Speed Limit:	25	≤ 40	★
Severe Rear End / Sideswipe / Head On Crashes:	0	≥ 1	★ ★ ★ ★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage / #	Cost	Notes - 3-lane conversion from 4th Ave to 24th Ave
3-Lane Conversion	Proactive	\$17,000	1.7	\$28,917	
5-Lane Conversion	Proactive	\$22,000	0.0	\$0	
Signal Revisions	Proactive	\$25,000	0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$26,025
Local Match (10% of Total project cost)	\$2,892
Total Project Cost	\$28,917

Project Cost Estimate (attach detailed copy)

Project Accepted? Yes No Reference Number - ID Number -
 Notes --

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming

SFN 59959 (06-2011)

16th Ave from 16th St SW to 13th St SE Project

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Number: 808.01
 Corridor: 16th Ave
 Start: 16th St SW
 End: 13th St SE
 City/Rural: Urban
 County: Ward

 ADT: 2903
 Lanes: 2
 Access Density 58
 Speed Limit: 25
 Length (miles): 2

SHSP Emphasis Area (check all that apply)

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

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

	K+A
Rear End	0
Sideswipe Passing	0
Head On	0
Sideswipe Opposing	0
	0

Describe Current Safety Issues & Systemic Ranking Review

	Value	Critical	Star Ranking
ADT:	2,903	≥ 10,000	
Major Approach Lanes:	2	≥ 4	★
Access Density:	58	15 - 60	★
Speed Limit:	25	≤ 40	★
Severe Rear End / Sideswipe / Head On Crashes:	0	≥ 1	★
			★★★★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage / #	Cost	Notes - May need to restrict on-street parking
3-Lane Conversion	Proactive	\$17,000	2.0	\$34,000	
5-Lane Conversion	Proactive	\$22,000	0.0	\$0	
Signal Revisions	Proactive	\$25,000	0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$30,600
Local Match (10% of Total project cost)	\$3,400
Total Project Cost	\$34,000

Project Cost Estimate (attach detailed copy)

Project Accepted? Yes No Reference Number - _____ ID Number - _____
 Notes -- _____

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming

SFN 59959 (06-2011)

11th Ave SE from 16th St SW to Hiawatha St SE Project

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Number: 809.01
 Corridor: 11th Ave SE
 Start: 16th St SW
 End: Hiawatha St SE
 City/Rural: Urban
 County: Ward

ADT: 5425
 Lanes: 3
 Access Density: 50
 Speed Limit: 25
 Length (miles): 1.5

SHSP Emphasis Area (check all that apply)

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

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

	K+A
Rear End	0
Sideswipe Passing	0
Head On	0
Sideswipe Opposing	0
	0

Describe Current Safety Issues & Systemic Ranking Review

	Value	Critical	Star Ranking
ADT:	5,425	≥ 10,000	★
Major Approach Lanes:	3	≥ 4	★
Access Density:	50	15 - 60	★
Speed Limit:	25	≤ 40	★
Severe Rear End / Sideswipe / Head On Crashes:	0	≥ 1	★ ★ ★ ★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage / #	Cost	Notes - 3-lane conversion
3-Lane Conversion	Proactive	\$17,000	0.8	\$12,750	from Broadway St to
5-Lane Conversion	Proactive	\$22,000	0.0	\$0	Hiawatha St
Signal Revisions	Proactive	\$25,000	0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$11,475
Local Match (10% of Total project cost)	\$1,275
Total Project Cost	\$12,750

Project Cost Estimate (attach detailed copy)

Project Accepted? Yes No Reference Number - _____ ID Number - _____
 Notes -- _____

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

North Dakota Department of Transportation Programming

SFN 59959 (06-2011)

3rd St NE / Airport Rd from E Burdick Expy to N Broadway Project

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Number: 811.02
 Corridor: 3rd St NE / Airport Rd
 Start: E Burdick Expy
 End: N Broadway
 City/Rural: Urban
 County: Ward

SHSP Emphasis Area (check all that apply)

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

ADT: 6681
 Lanes: 2
 Access Density 40
 Speed Limit: 25
 Length (miles): 1.9

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

	K+A
Rear End	0
Sideswipe Passing	0
Head On	0
Sideswipe Opposing	0
	0

Describe Current Safety Issues & Systemic Ranking Review

	Value	Critical	Star Ranking
ADT:	6,681	≥ 10,000	★
Major Approach Lanes:	2	≥ 4	★
Access Density:	40	15 - 60	★
Speed Limit:	25	≤ 40	★
Severe Rear End / Sideswipe / Head On Crashes:	0	≥ 1	★ ★ ★ ★

Describe Proposed Safety Improvements

Description	Type	Cost per mi	Mileage / #	Cost	Notes - 3-lane coversion from 11th Avenue to Hwy 83
3-Lane Conversion	Proactive	\$17,000	1.0	\$16,473	
5-Lane Conversion	Proactive	\$22,000	0.0	\$0	
Signal Revisions	Proactive	\$25,000	0	\$0	

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$14,826
Local Match (10% of Total project cost)	\$1,647
Total Project Cost	\$16,473

Project Cost Estimate (attach detailed copy)

Project Accepted? Yes No Reference Number - ID Number -
 Notes --

City of Minot Urban Pedestrian/Bike Project Corridors

Corridor	Local Roadway	Adv Walk	Countdown	Curb Ext (# of corners)	Cost
83.01	US 83 (20th Ave to Central Ave)	4	4	2	\$ 70,000
83.02	US 83 (4th Ave to 30th Ave NW)	4	4		\$ 40,000
802.02	16th Street (2nd Ave to 21st Ave NW)	2	2	4	\$ 80,000
		0	0	6	\$ 190,000

Ward County Urban Intersections - Pedestrian and Bicycle Risk Analysis					Criteria				Ped/Bike Crashes		Major Speed	High Priority Corridor Candidate
					Signal	Greater than 15000	Yes	Greater than 0	Total	Severe		
Int #	Segment #	Local Name	Cross Street	City	Traffic Control Device	ADT	Development / Ped Generator	Total	Severe	Major Speed	High Priority Corridor Candidate	
800.01	800.01	37th Ave SW	16th St SW	Minot	Signal	9575	No	0	0	Low		
800.02	800.01	37th Ave SW	Frontage Rd SW (West)	Minot	Thru-STOP	11630	Yes	0	0	Low		
800.03	800.01	37th Ave SW	US 83	Minot	Signal	13038	Yes	0	0	Low		
800.04	800.02	37th Ave SE	Frontage Rd SW (East)	Minot	Thru-STOP	2285	No	0	0	Low		
801.01	801.01	31st Ave SW	16th St SW	Minot	Thru-STOP	14755	Yes	0	0	Low		
801.02	801.01	31st Ave SW	Frontage Rd SW (West)	Minot	Thru-STOP	8885	Yes	0	0	Low		
801.03	801.01	31st Ave SW	US 83	Minot	Signal	17458	Yes	0	0	Low		
801.04	801.02	31st Ave SE	Frontage Rd SW (East)	Minot	Thru-STOP	5823	No	0	0	Low		
801.05	801.02	31st Ave SE	13th St SE	Minot	Thru-STOP	7795	No	0	0	Low		
802.01	802.01	16th St SW	22nd Ave SW	Minot	Signal	26905	No	1	0	Low		
802.02	802.01	16th St SW	20th Ave SW	Minot	Signal	25565	No	0	0	Low		
802.03	802.01	16th St SW	16th Ave SW	Minot	Signal	16635	No	0	0	Low		
802.04	802.01	16th St SW	11th Ave SW	Minot	Signal	18433	No	0	0	Low		
802.05	802.01	16th St SW	US 2	Minot	Signal	18093	No	3	2	Low		
802.06	802.02	16th St SW	2nd Ave SW	Minot	Signal	14843	Yes	0	0	Low		
802.07	802.02	16th St NW	4th Ave NW	Minot	Signal	16600	Yes	1	0	Low		
802.08	802.02	16th St NW	University Ave W	Minot	Thru-STOP	7780	No	0	0	Low	YES	
802.09	802.02	16th St NW	11th Ave NW	Minot	Thru-STOP	4410	No	0	0	Low		
802.10	802.02	16th St NW	21st Ave NW	Minot	Thru-STOP	4490	No	1	0	Low		
805.01	805.01	Elk Drive	Evergreen Ave	Minot	Thru-STOP	2713	No	0	0	Low		
806.01	806.01	Evergreen Ave	US 2	Minot	Thru-STOP	10235	No	0	0	High		
806.02	806.01	20th Ave SW	US 83	Minot	Signal	26983	Yes	0	0	Low		
806.03	806.02	20th Ave SE	2nd St SE	Minot	Thru-STOP	11145	Yes	0	0	Low		
806.04	806.02	18th Ave SE	13th St SE	Minot	Thru-STOP	9027	No	0	0	Low		
806.05	806.02	16th St SE	20th Ave SE	Minot	Thru-STOP	488	No	0	0	Unknown		
806.06	806.03	20th Ave SE	17th St SE	Minot	Thru-STOP	1649	Yes	0	0	Low		
806.07	806.03	20th Ave SE	US 52	Minot	Thru-STOP	4245	No	0	0	Unknown		
806.08	806.04	20th Ave SE (North)	13th St SE	Minot	Thru-STOP	7085	Yes	0	0	Low		
807.01	807.01	6th St SE	US 2	Minot	Thru-STOP	9795	No	0	0	High		
807.02	807.01	6th St SE	21st Ave SE	Minot	Thru-STOP	889	No	0	0	Low		
807.03	807.01	21st Ave SE	13th St SE	Minot	Thru-STOP	6500	No	0	0	Unknown		
807.04	807.01	21st Ave SE	17th St SE	Minot	Thru-STOP	1298	No	0	0	Low		
807.05	807.01	17th St SE	US 2	Minot	Thru-STOP	7512	No	0	0	High		
808.01	808.01	16th Ave SW	6th St SW	Minot	All Way STOP	7810	No	0	0	Low		
808.02	808.01	16th Ave SW	US 83	Minot	Signal	19040	Yes	3	1	Low	YES	
808.03	808.01	16th Ave SE	2nd St SE	Minot	All Way STOP	8745	No	0	0	Low		
808.04	808.01	16th Ave Se	13th St SE	Minot	Thru-STOP	7047	No	0	0	Low		
809.01	809.01	11th Ave SW	6th St SW	Minot	Signal	9710	No	0	0	Low		
809.02	809.01	11th Ave SW	US 83	Minot	Signal	21573	Yes	1	0	Low		
809.03	809.01	11th Ave SE	2nd St SE	Minot	All Way STOP	6153	No	0	0	Low	YES	
809.04	809.01	11th Ave SE	3rd St SE	Minot	All Way STOP	7108	No	0	0	Low		
809.05	809.01	11th Ave SE	Hiawatha St SE	Minot	Thru-STOP	4410	No	0	0	Low		
810.01	810.01	6th St SW	US 2	Minot	Signal	11208	Yes	0	0	Low		
810.02	810.02	6th St SW	Western Ave SW	Minot	Signal	10555	No	0	0	Low		
810.03	810.02	6th St SW	2nd Ave SW	Minot	Thru-STOP	9223	No	1	0	Low		
810.04	810.02	6th St NW	3rd Ave NW	Minot	Signal	13693	No	0	0	Low		
810.05	810.02	8th St NW	University Ave W	Minot	Signal	10045	No	0	0	Low		
810.06	810.02	8th St NW	11th Ave NW	Minot	All Way STOP	6503	No	0	0	Low		
810.07	810.02	8th St NW	21st Ave NW	Minot	All Way STOP	6783	No	0	0	Unknown		
810.08	810.02	8th St NW	30th Ave NW	Minot	Thru-STOP	1742	No	0	0	Low		
811.01	811.01	3rd St SE	4th Ave SE	Minot	Signal	11770	No	3	0	Low		
811.02	811.02	3rd St SE	3rd Ave SE	Minot	Thru-STOP	8153	No	0	0	Low		
811.03	811.02	3rd St SE	2nd Ave SE	Minot	Thru-STOP	8498	No	0	0	Low		
811.04	811.02	3rd St SE	1st Ave SE	Minot	Thru-STOP	7480	No	0	0	Low		
811.05	811.02	3rd St SE	Central Ave E	Minot	Signal	12310	Yes	0	0	Low		
811.06	811.02	3rd St NE	5th Ave NE	Minot	Thru-STOP	10218	No	0	0	Low		
811.07	811.02	3rd St NE	University Ave E	Minot	Signal	8933	No	0	0	Low		
811.08	811.02	3rd St NE	11th Ave NE	Minot	Thru-STOP	6582	No	0	0	Low		
811.09	811.02	Airport Rd	US 83	Minot	Signal	11970	Yes	0	0	Low		
812.01	812.01	13th St SE	US 2	Minot	Signal	15040	Yes	0	0	High		
812.02	812.01	13th St SE	US 52 (Valley St)	Minot	Thru-STOP	8425	No	0	0	Low		
813.01	813.01	27th St SE	US 52 (Valley St)	Minot	Thru-STOP	10277	No	0	0	High		
813.02	813.01	27th St SE	US 2 (Burdick Expy)	Minot	Signal	11200	Yes	0	0	Low		
813.03	813.01	27th St NE	4th Ave NE	Minot	Thru-STOP	7238	No	0	0	Low		
813.04	813.01	27th St NE	Railway Ave NE	Minot	All Way STOP	8188	No	0	0	Low		
814.01	814.02	US 2 Frontage Rd	US 2 (Burdick Expy)	Minot	Thru-STOP	3809	No	1	1	Low		
815.01	815.01	42nd St SE	US 2	Minot	Thru-STOP	7525	No	0	0	High		
815.02	815.01	42nd St SE	11th Ave SE	Minot	Thru-STOP	4258	No	0	0	Low		
815.03	815.01	42nd St SE	US 2 Frontage Rd	Minot	Thru-STOP	3059	No	0	0	Low		
815.04	815.01	42nd St SE	US 2 (Burdick Expy)	Minot	Thru-STOP	4690	No	0	0	Low		
816.01	816.01	1st St SW	4th Ave SW	Minot	Thru-STOP	9528	Yes	0	0	Low		
816.02	816.01	1st St SW	3rd Ave SW	Minot	Thru-STOP	2865	Yes	1	0	Low		
816.03	816.01	1st St SW	2nd Ave SW	Minot	Signal	4313	Yes	0	0	Low		
816.04	816.01	1st St SW	1st Ave SE	Minot	Thru-STOP	2773	Yes	0	0	Low		
816.05	816.01	1st St SW	Central Ave W	Minot	Thru-STOP	5007	Yes	0	0	Low		
817.01	817.01	Hiawatha St	US 52 (Valley St)	Minot	Thru-STOP	7423	No	0	0	Low		
818.01	818.01	8th Ave SE	US 52 (Valley St)	Minot	Thru-STOP	8465	No	0	0	Low		
818.02	818.01	8th Ave SE	US 2 (Burdick Expy)	Minot	Signal	6472	No	2	1	Low		
819.01	819.01	11th Ave SE	31st St SE	Minot	Thru-STOP	2272	No	0	0	Low		
820.01	820.01	31st St SE	US 2 (Burdick Expy)	Minot	Thru-STOP	5840	No	0	0	Low		
823.01	823.01	3rd Ave SW	S Broadway St	Minot	Thru-STOP	12815	Yes	0	0	Low		
823.02	823.01	3rd Ave SE	1st St SE	Minot	All Way STOP	3075	Yes	0	0	Low		
823.03	823.01	3rd Ave SE	Front St SE	Minot	Thru-STOP	4430	No	0	0	Low		

Ward County Urban Intersections - Pedestrian and Bicycle Risk Analysis					Criteria			Ped/Bike Crashes			High Priority Corridor Candidate
					Signal	Greater than 15000	Yes				
Int #	Segment #	Local Name	Cross Street	City	Traffic Control Device	ADT	Development / Ped Generator	Total	Severe	Major Speed	
824.01	824.01	Western Ave SW	4th Ave SW	Minot	Thru-STOP	6065	No	0	0	Low	
824.02	824.01	2nd Ave SW	S Broadway St	Minot	Signal	14908	Yes	0	0	Low	
824.03	824.01	2nd Ave SE	1st St SE	Minot	Thru-STOP	2605	Yes	0	0	Low	
824.05	824.01	Front St SE	4th Ave SE	Minot	Signal	10268	No	1	0	Low	
825.01	825.01	1st Ave SW	S Broadway St	Minot	Thru-STOP	13945	Yes	0	0	Low	
825.02	825.01	1st Ave SE	1st St SE	Minot	Thru-STOP	2315	Yes	0	0	Low	
826.01	826.01	1st St SE	4th Ave SW	Minot	Thru-STOP	8550	Yes	1	1	Low	
826.02	826.01	1st St SE	Central Ave E	Minot	Thru-STOP	4470	Yes	0	0	Low	
827.01	827.01	Central Ave E	S Broadway St	Minot	Signal	13940	Yes	0	0	Low	
828.01	828.01	4th Ave NW	20th St NW	Minot	Thru-STOP	7130	Yes	0	0	Low	
828.02	828.01	4th Ave NW	N Broadway St	Minot	Signal	19748	Yes	1	0	Low	
828.03	828.02	4th Ave NW	5th Ave NE	Minot	Thru-STOP	5530	No	0	0	Low	
830.01	830.01	20th St NW	Northwest Ave NW	Minot	Thru-STOP	1638	No	0	0	Low	
831.01	831.01	University Ave W	N Broadway St	Minot	Signal	16680	Yes	3	0	Low	
832.01	832.02	11th Ave NW	N Broadway St	Minot	Signal	13290	Yes	0	0	Low	
833.01	833.01	21st Ave NW	US 83	Minot	Thru-STOP	8300	No	0	0	High	
833.02	833.01	21st Ave NW	Frontage Rd	Minot	Thru-STOP	5000	No	0	0	Low	
833.03	833.01	21st Ave NW	N Broadway St	Minot	Thru-STOP	9708	No	0	0	Low	
834.01	834.01	2nd St NW	N Broadway St	Minot	Thru-STOP	9873	No	0	0	Low	
835.01	835.01	30th Ave NW	Frontage Rd	Minot	Yield	2097	No	0	0	Low	
835.02	835.01	30th Ave NW	US 83	Minot	Thru-STOP	7575	No	0	0	High	

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on S Broadway St from 20th Ave SW to Central Ave E

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Corridor 83.01
Street Name S Broadway St
Urban/Rural: Urban
County: Ward
Corridor ADT: -

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Traffic Control	Entering ADT	Development / Ped Generator	Total Ped/Bike Crashes	Advanced Walk	Countdown Timers	Curb Exntensions	Median Refuge Island	Notes
806.02	20th Ave SW	US 83	Signal	26,983	Yes	0	0	0	0	0	-
808.02	16th Ave SW	US 83	Signal	19,040	Yes	3	1	1	0	0	-
809.02	11th Ave SW	US 83	Signal	21,573	Yes	1	1	1	0	0	-
823.01	3rd Ave SW	S Broadway St	Thru-STOP	12,815	Yes	0	0	0	2	0	-
824.02	2nd Ave SW	S Broadway St	Signal	14,908	Yes	0	1	1	0	0	-
825.01	1st Ave SW	S Broadway St	Thru-STOP	13,945	Yes	0	0	0	0	0	-
827.01	Central Ave E	S Broadway St	Signal	13,940	Yes	0	1	1	0	0	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012 5 years

Intersection Criteria	Description	Unit Cost	Quantity	Total Cost
Traffic Control Device Signal	Advanced Walk	\$0 per intersection	4	\$0
Entering ADT >15,000	Countdown Timers	\$10,000 per intersection	4	\$40,000
Development / Ped Generator Yes	Curb Extensions	\$15,000 per corner	2	\$30,000
Total Ped/Bike Crashes >0	Median Refuge Island	\$10,000 per side	0	\$0
				\$70,000

Notes -- State Route

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$63,000
Local Match (10% of Total project cost)	\$7,000
Total Project Cost	\$70,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number - ID Number -
Notes --

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on N Broadway St from 4th Ave NW to 30th Ave NW

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Corridor 83.02
Street Name N Broadway St
Urban/Rural: Urban
County: Ward
Corridor ADT: -

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Traffic Control	Entering ADT	Development / Ped Generator	Total Ped/Bike Crashes	Advanced Walk	Countdown Timers	Curb Exntensions	Median Refuge Island	Notes
828.02	4th Ave NW	N Broadway St	Signal	19,748	Yes	1	1	1	0	0	-
831.01	University Ave W	N Broadway St	Signal	16,680	Yes	3	1	1	0	0	-
832.01	11th Ave NW	N Broadway St	Signal	13,290	Yes	0	1	1	0	0	-
834.01	2nd St NW	N Broadway St	Thru-STOP	9,873	No	0	0	0	0	0	-
811.09	Airport Rd	US 83	Signal	11,970	Yes	0	1	1	0	0	-
833.03	21st Ave NW	N Broadway St	Thru-STOP	9,708	No	0	0	0	0	0	-
835.02	30th Ave NW	US 83	Thru-STOP	7,575	No	0	0	0	0	0	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012 5 years

Intersection Criteria	Description	Unit Cost	Quantity	Total Cost
Traffic Control Device Signal	Advanced Walk	\$0 per intersection	4	\$0
Entering ADT >15,000	Countdown Timers	\$10,000 per intersection	4	\$40,000
Development / Ped Generator Yes	Curb Extensions	\$15,000 per corner	0	\$0
Total Ped/Bike Crashes >0	Median Refuge Island	\$10,000 per side	0	\$0
				\$40,000

Notes -- State Route

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$36,000
Local Match (10% of Total project cost)	\$4,000
Total Project Cost	\$40,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number - ID Number -
Notes --

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on 16th St SW from Western Ave SW to 24th Ave NW

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Corridor 802.02
Street Name 16th St SW
Urban/Rural: Urban
County: Ward
Corridor ADT: 8,394

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Taffic Control	Entering ADT	Development / Ped Generator	Total Ped/Bike Crashes	Advanced Walk	Countdown Timers	Curb Exntensions	Median Refuge Island	Notes
802.06	16th St SW	2nd Ave SW	Signal	14,843	Yes	0	1	1	0	0	-
802.07	16th St NW	4th Ave NW	Signal	16,600	Yes	1	1	1	0	0	-
802.08	16th St NW	University Ave W	Thru-STOP	7,780	No	0	0	0	4	0	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012 5 years

Intersection Criteria	Description	Unit Cost	Quantity	Total Cost
Traffic Control Device Signal	Advanced Walk	\$0 per intersection	2	\$0
Entering ADT >15,000	Countdown Timers	\$10,000 per intersection	2	\$20,000
Development / Ped Generator Yes	Curb Extensions	\$15,000 per corner	4	\$60,000
Total Ped/Bike Crashes >0	Median Refuge Island	\$10,000 per side	0	\$0
				\$80,000

Notes -- None

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$72,000
Local Match (10% of Total project cost)	\$8,000
Total Project Cost	\$80,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number - ID Number -
Notes --

City of Minot Urban Right Angle Crash Project Corridors

Corridor	Local Street Name	Access Mgmt (Confirmation Lights	Cost
83.01	Broadway St (20th Ave to Central)		5	\$ 5,000
83.02	Broadway St (4th Ave to 30th Ave)		4	\$ 4,000
802.01	16th Street (22nd to Hwy 2)		5	\$ 5,000
		0	14	\$ 14,000

Ward County Right Angle Crash Corridor Analysis					Criteria				Severe Crashes Severe Right Angle		High Priority Corridor Candidate
					Signal	15,000 25,000	Divided	Greater than 0			
Int #	Segment #	Local Name	Cross Street	City	Traffic Control Device	ADT	Major Config				
800.01	800.01	37th Ave SW	16th St SW	Minot	Signal	9575	Undivided	0	0	YES	
800.02	800.01	37th Ave SW	Frontage Rd SW (West)	Minot	Thru-STOP	11630	Divided	2	1		
800.03	800.01	37th Ave SW	US 83	Minot	Signal	13038	Divided	1	1		
800.04	800.02	37th Ave SE	Frontage Rd SW (East)	Minot	Thru-STOP	2285	Undivided	0	0		
801.01	801.01	31st Ave SW	16th St SW	Minot	Thru-STOP	14755	Undivided	0	0	YES	
801.02	801.01	31st Ave SW	Frontage Rd SW (West)	Minot	Thru-STOP	8885	Divided	1	0		
801.03	801.01	31st Ave SW	US 83	Minot	Signal	17458	Divided	0	0		
801.04	801.02	31st Ave SE	Frontage Rd SW (East)	Minot	Thru-STOP	5823	Undivided	0	0	YES	
801.05	801.02	31st Ave SE	13th St SE	Minot	Thru-STOP	7795	Undivided	0	0		
802.01	802.01	16th St SW	22nd Ave SW	Minot	Signal	26905	Divided	0	0		
802.02	802.01	16th St SW	20th Ave SW	Minot	Signal	25565	Divided	0	0		
802.03	802.01	16th St SW	16th Ave SW	Minot	Signal	16635	Undivided	0	0		
802.04	802.01	16th St SW	11th Ave SW	Minot	Signal	18433	Undivided	0	0	YES	
802.05	802.01	16th St SW	US 2	Minot	Signal	18093	Divided	2	0		
802.06	802.02	16th St SW	2nd Ave SW	Minot	Signal	14843	Undivided	0	0	YES	
802.07	802.02	16th St NW	4th Ave NW	Minot	Signal	16600	Undivided	0	0		
802.08	802.02	16th St NW	University Ave W	Minot	Thru-STOP	7780	Undivided	0	0		
802.09	802.02	16th St NW	11th Ave NW	Minot	Thru-STOP	4410	Undivided	0	0		
802.10	802.02	16th St NW	21st Ave NW	Minot	Thru-STOP	4490	Undivided	0	0		
805.01	805.01	Elk Drive	Evergreen Ave	Minot	Thru-STOP	2713	Undivided	0	0		
806.01	806.01	Evergreen Ave	US 2	Minot	Thru-STOP	10235	Divided	1	0		
806.02	806.01	20th Ave SW	US 83	Minot	Signal	26983	Divided	5	1		
806.03	806.02	20th Ave SE	2nd St SE	Minot	Thru-STOP	11145	Divided	0	0		YES
806.04	806.02	18th Ave SE	13th St SE	Minot	Thru-STOP	9027	Undivided	0	0		
806.05	806.02	16th St SE	20th Ave SE	Minot	Thru-STOP	488	Undivided	0	0		
806.06	806.03	20th Ave SE	17th St SE	Minot	Thru-STOP	1649	Undivided	0	0		
806.07	806.03	20th Ave SE	US 52	Minot	Thru-STOP	4245	Undivided	0	0		
806.08	806.04	20th Ave SE (North)	13th St SE	Minot	Thru-STOP	7085	Divided	2	0		
807.01	807.01	6th St SE	US 2	Minot	Thru-STOP	9795	Divided	0	0		
807.02	807.01	6th St SE	21st Ave SE	Minot	Thru-STOP	889	Undivided	0	0		
807.03	807.01	21st Ave SE	13th St SE	Minot	Thru-STOP	6500	Undivided	0	0		
807.04	807.01	21st Ave SE	17th St SE	Minot	Thru-STOP	1298	Undivided	0	0		
807.05	807.01	17th St SE	US 2	Minot	Thru-STOP	7512	Divided	0	0		
808.01	808.01	16th Ave SW	6th St SW	Minot	All Way STOP	7810	Undivided	0	0	YES	
808.02	808.01	16th Ave SW	US 83	Minot	Signal	19040	Undivided	3	0		
808.03	808.01	16th Ave SE	2nd St SE	Minot	All Way STOP	8745	Undivided	1	0		
808.04	808.01	16th Ave Se	13th St SE	Minot	Thru-STOP	7047	Undivided	0	0		
809.01	809.01	11th Ave SW	6th St SW	Minot	Signal	9710	Undivided	0	0	YES	
809.02	809.01	11th Ave SW	US 83	Minot	Signal	21573	Undivided	2	0		
809.03	809.01	11th Ave SE	2nd St SE	Minot	All Way STOP	6153	Undivided	0	0		
809.04	809.01	11th Ave SE	3rd St SE	Minot	All Way STOP	7108	Undivided	0	0		
809.05	809.01	11th Ave SE	Hiawatha St SE	Minot	Thru-STOP	4410	Undivided	0	0		
810.01	810.01	6th St SW	US 2	Minot	Signal	11208	Undivided	1	0	YES	
810.02	810.02	6th St SW	Western Ave SW	Minot	Signal	10555	Undivided	0	0		
810.03	810.02	6th St SW	2nd Ave SW	Minot	Thru-STOP	9223	Undivided	0	0		
810.04	810.02	6th St NW	3rd Ave NW	Minot	Signal	13693	Undivided	1	0		
810.05	810.02	8th St NW	University Ave W	Minot	Signal	10045	Undivided	0	0		
810.06	810.02	8th St NW	11th Ave NW	Minot	All Way STOP	6503	Undivided	0	0		
810.07	810.02	8th St NW	21st Ave NW	Minot	All Way STOP	6783	Undivided	0	0		
810.08	810.02	8th St NW	30th Ave NW	Minot	Thru-STOP	1742	Undivided	0	0		
811.01	811.01	3rd St SE	4th Ave SE	Minot	Signal	11770	Undivided	1	1		
811.02	811.02	3rd St SE	3rd Ave SE	Minot	Thru-STOP	8153	Undivided	1	1		
811.03	811.02	3rd St SE	2nd Ave SE	Minot	Thru-STOP	8498	Undivided	0	0		
811.04	811.02	3rd St SE	1st Ave SE	Minot	Thru-STOP	7480	Undivided	0	0		
811.05	811.02	3rd St SE	Central Ave E	Minot	Signal	12310	Undivided	0	0		
811.06	811.02	3rd St NE	5th Ave NE	Minot	Thru-STOP	10218	Undivided	0	0		
811.07	811.02	3rd St NE	University Ave E	Minot	Signal	8933	Undivided	0	0		
811.08	811.02	3rd St NE	11th Ave NE	Minot	Thru-STOP	6582	Undivided	0	0		
811.09	811.02	Airport Rd	US 83	Minot	Signal	11970	Divided	0	0		
812.01	812.01	13th St SE	US 2	Minot	Signal	15040	Divided	0	0	YES	
812.02	812.01	13th St SE	US 52 (Valley St)	Minot	Thru-STOP	8425	Undivided	0	0		
813.01	813.01	27th St SE	US 52 (Valley St)	Minot	Thru-STOP	10277	Undivided	1	1	YES	
813.02	813.01	27th St SE	US 2 (Burdick Expy)	Minot	Signal	11200	Undivided	0	0		
813.03	813.01	27th St NE	4th Ave NE	Minot	Thru-STOP	7238	Undivided	0	0		
813.04	813.01	27th St NE	Railway Ave NE	Minot	All Way STOP	8188	Undivided	0	0		
814.01	814.02	US 2 Frontage Rd	US 2 (Burdick Expy)	Minot	Thru-STOP	3809	Undivided	1	0		
815.01	815.01	42nd St SE	US 2	Minot	Thru-STOP	7525	Divided	0	0		
815.02	815.01	42nd St SE	11th Ave SE	Minot	Thru-STOP	4258	Undivided	0	0		
815.03	815.01	42nd St SE	US 2 Frontage Rd	Minot	Thru-STOP	3059	Undivided	0	0		
815.04	815.01	42nd St SE	US 2 (Burdick Expy)	Minot	Thru-STOP	4690	Divided	0	0		
816.01	816.01	1st St SW	4th Ave SW	Minot	Thru-STOP	9528	Undivided	0	0		
816.02	816.01	1st St SW	3rd Ave SW	Minot	Thru-STOP	2865	Undivided	0	0		
816.03	816.01	1st St SW	2nd Ave SW	Minot	Signal	4313	Undivided	0	0		
816.04	816.01	1st St SW	1st Ave SE	Minot	Thru-STOP	2773	Undivided	0	0		
816.05	816.01	1st St SW	Central Ave W	Minot	Thru-STOP	5007	Undivided	0	0		
817.01	817.01	Hiawatha St	US 52 (Valley St)	Minot	Thru-STOP	7423	Undivided	1	1		
818.01	818.01	8th Ave SE	US 52 (Valley St)	Minot	Thru-STOP	8465	Undivided	0	0		
818.02	818.01	8th Ave SE	US 2 (Burdick Expy)	Minot	Signal	6472	Undivided	1	0		
819.01	819.01	11th Ave SE	31st St SE	Minot	Thru-STOP	2272	Undivided	0	0		
820.01	820.01	31st St SE	US 2 (Burdick Expy)	Minot	Thru-STOP	5840	Undivided	0	0		
823.01	823.01	3rd Ave SW	S Broadway St	Minot	Thru-STOP	12815	Undivided	0	0		
823.02	823.01	3rd Ave SE	1st St SE	Minot	All Way STOP	3075	Undivided	0	0		
823.03	823.01	3rd Ave SE	Front St SE	Minot	Thru-STOP	4430	Undivided	0	0		

Ward County Right Angle Crash Corridor Analysis					Criteria				Severe Crashes		Severe Right Angle		High Priority Corridor Candidate
					Signal	15,000 25,000	Divided	Greater than 0					
Int #	Segment #	Local Name	Cross Street	City	Traffic Control Device	ADT	Major Config						
824.01	824.01	Western Ave SW	4th Ave SW	Minot	Thru-STOP	6065	Undivided	0	0				
824.02	824.01	2nd Ave SW	S Broadway St	Minot	Signal	14908	Undivided	1	1				
824.03	824.01	2nd Ave SE	1st St SE	Minot	Thru-STOP	2605	Undivided	0	0				
824.05	824.01	Front St SE	4th Ave SE	Minot	Signal	10268	Undivided	0	0				
825.01	825.01	1st Ave SW	S Broadway St	Minot	Thru-STOP	13945	Undivided	0	0				
825.02	825.01	1st Ave SE	1st St SE	Minot	Thru-STOP	2315	Undivided	0	0				
826.01	826.01	1st St SE	4th Ave SW	Minot	Thru-STOP	8550	Undivided	1	0				
826.02	826.01	1st St SE	Central Ave E	Minot	Thru-STOP	4470	Undivided	0	0				
827.01	827.01	Central Ave E	S Broadway St	Minot	Signal	13940	Undivided	2	0				
828.01	828.01	4th Ave NW	20th St NW	Minot	Thru-STOP	7130	Undivided	0	0			YES	
828.02	828.01	4th Ave NW	N Broadway St	Minot	Signal	19748	Undivided	2	0				
828.03	828.02	4th Ave NW	5th Ave NE	Minot	Thru-STOP	5530	Undivided	0	0				
830.01	830.01	20th St NW	Northwest Ave NW	Minot	Thru-STOP	1638	Undivided	0	0				
831.01	831.01	University Ave W	N Broadway St	Minot	Signal	16680	Undivided	1	1			YES	
832.01	832.02	11th Ave NW	N Broadway St	Minot	Signal	13290	Undivided	0	0				
833.01	833.01	21st Ave NW	US 83	Minot	Thru-STOP	8300	Undivided	0	0				
833.02	833.01	21st Ave NW	Frontage Rd	Minot	Thru-STOP	5000	Undivided	0	0				
833.03	833.01	21st Ave NW	N Broadway St	Minot	Thru-STOP	9708	Divided	0	0				
834.01	834.01	2nd St NW	N Broadway St	Minot	Thru-STOP	9873	Divided	1	0				
835.01	835.01	30th Ave NW	Frontage Rd	Minot	Yield	2097	Divided	0	0				
835.02	835.01	30th Ave NW	US 83	Minot	Thru-STOP	7575	Divided	0	0				

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Right Angle Crashes @ Signals Intersection Improvements

Intersections on S Broadway St from 20th Ave SW to Central Ave E

Agency Name: City of Minot

Contact Name: Stephanie Frizzo

Email Address: stephanie.frizzo@minotnd.gov

ND DOT District: 4

Telephone Number: 701-857-4100

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

Location Description

Corridor 83.01
Street Name S Broadway St
Urban/Rural: Urban
County: Ward
Length -

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Config	Traffic Control	Entering ADT	Major Config	Severe Crashes	Severe RA Crashes	Confirmation Lights	Notes
806.02	20th Ave SW	US 83	X	Signal	26,983	Divided	4	1	1	-
808.02	16th Ave SW	US 83	X	Signal	19,040	Undivided	2	0	1	-
809.02	11th Ave SW	US 83	X	Signal	21,573	Undivided	1	0	1	-
823.01	3rd Ave SW	S Broadway St	T	Thru-STOP	12,815	Undivided	0	0	0	-
824.02	2nd Ave SW	S Broadway St	X	Signal	14,908	Undivided	1	1	1	-
825.01	1st Ave SW	S Broadway St	X	Thru-STOP	13,945	Undivided	0	0	0	-
827.01	Central Ave E	S Broadway St	T	Signal	13,940	Undivided	0	0	1	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

Intersection Criteria					
		Description	Unit Cost	Quantity	Total Cost
Traffic Control Device	Signal	Confirmation Lights	\$1,000 per intersection	5	\$5,000
Entering ADT	>15,000	Unsignalized and Divided Access Management	\$300,000 per mile	0.3	\$100,000
Development / Ped Generator	Yes				\$105,000
Total Ped/Bike Crashes	>0				

Notes -- Access Management for commercial access at 20th Ave intersection and W. Burdick Expressway intersection

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$94,500
Local Match (10% of Total project cost)	\$10,500
Total Project Cost	\$105,000

NDDOT Central Office Only

Project Accepted? Yes No

Reference Number -

ID Number -

Notes --

Page: 1
Intersection ID: 83.01
Date: 11/21/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Right Angle Crashes @ Signals Intersection Improvements

Intersections on N Broadway St from 4th Ave NW to 30th Ave NW

Agency Name: City of Minot

ND DOT District: 4

Contact Name: Stephanie Frizzo

Telephone Number: 701-857-4100

Email Address: stephanie.frizzo@minotnd.gov

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

Location Description

Corridor 83.02
Street Name N Broadway St
Urban/Rural: Urban
County: Ward
Length -

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Config	Traffic Control	Entering ADT	Major Config	Severe Crashes	Severe RA Crashes	Confirmation Lights	Notes
828.02	4th Ave NW	N Broadway St	X	Signal	19,748	Undivided	2	0	1	-
831.01	University Ave W	N Broadway St	X	Signal	16,680	Undivided	1	1	1	-
832.01	11th Ave NW	N Broadway St	X	Signal	13,290	Undivided	0	0	1	-
834.01	2nd St NW	N Broadway St	T	Thru-STOP	9,873	Divided	1	0	0	-
811.09	Airport Rd	US 83	X	Signal	11,970	Divided	0	0	1	-
833.03	21st Ave NW	N Broadway St	T	Thru-STOP	9,708	Divided	0	0	0	-
835.02	30th Ave NW	US 83	T	Thru-STOP	7,575	Divided	1	0	0	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012

5 years

Intersection Criteria		Description	Unit Cost	Quantity	Total Cost
Traffic Control Device	Signal	Confirmation Lights	\$1,000 per intersection	4	\$4,000
Entering ADT	>15,000 <30,000	Unsignalized and Divided Access Management	\$300,000 per mile	0.0	\$0
Development / Ped Generator	Yes	*Corridor includes 0 miles of divided roadway.			\$4,000
Total Ped/Bike Crashes	>0				

Notes -- None

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$3,600
Local Match (10% of Total project cost)	\$400
Total Project Cost	\$4,000

NDDOT Central Office Only

Project Accepted? Yes No

Reference Number -

ID Number -

Notes --

Page: 2
Intersection ID: 83.02
Date: 11/11/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Right Angle Crashes @ Signals Intersection Improvements

Intersections on 37th Ave SW from 16th St SW to S Broadway St

Agency Name: City of Minot
Contact Name: Stephanie Frizzo
Email Address: stephanie.frizzo@minotnd.gov

ND DOT District: 4
Telephone Number: 701-857-4100

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

Location Description

Corridor 800.01
Street Name 37th Ave SW
Urban/Rural: Urban
County: Ward
Length 1.0

SHSP Emphasis Area (check all that apply)

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

Describe Proposed Safety Improvements

Intersection ID	Street Name	Cross Street	Config	Traffic Control	Entering ADT	Major Config	Severe Crashes	Severe RA Crashes	Confirmation Lights	Notes
802.01	16th St SW	22nd Ave SW	X	Signal	26,905	Divided	0	0	1	-
802.02	16th St SW	20th Ave SW	X	Signal	25,565	Divided	1	0	1	-
802.03	16th St SW	16th Ave SW	T	Signal	16,635	Undivided	0	0	1	-
802.04	16th St SW	11th Ave SW	X	Signal	18,433	Undivided	0	0	1	-
802.05	16th St SW	US 2	X	Signal	18,093	Divided	2	0	1	-

Describe Current Safety Issues & Systemic Ranking Review

North Dakota Crashes 2008 - 2012 5 years

Intersection Criteria		Description	Unit Cost	Quantity	Total Cost
Traffic Control Device	Signal	Confirmation Lights	\$1,000 per intersection	5	\$5,000
Entering ADT	>15,000 <30,000	Unsignalized and Divided Access Management	\$300,000 per mile	0.0	\$0
Development / Ped Generator	Yes	*Corridor includes 0 miles of divided roadway.			\$5,000
Total Ped/Bike Crashes	>0				

Notes -- None

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

Federal Funds	\$4,500
Local Match (10% of Total project cost)	\$500
Total Project Cost	\$5,000

NDDOT Central Office Only

Project Accepted? Yes No Reference Number - ID Number -
Notes --

Page: 3
Intersection ID: 800.01
Date: 11/11/2013