

City of Devils Lake

The total project cost suggested for the City of Devils Lake is \$1,620,135. The project cost breakout for roadway segment, right-angle intersection, and pedestrian/bicyclist intersection projects are listed in Table 4-10. High-priority locations that received a project are shown in Figure 4-13. These locations are described in further detail in Appendix 4F along with priority rankings and suggested project sheets.

TABLE 4-10
City of Devils Lake Project Costs

| Project Type | Cost |
|--|-------------|
| Roadway Segments | \$221,135 |
| Right-Angle Intersections | \$604,000 |
| Pedestrian and Bicyclist Intersections | \$795,000 |
| Total | \$1,620,135 |

Eleven roadway segments were identified as high-priority locations. However, the roadway segments are already three-lane sections, therefore no projects were suggested since three-lane corridors reduce rear-end and head-on crashes (Table 4-11).

TABLE 4-11
City of Devils Lake Urban Roadway Segment Locations with Existing Treatments

| Segment ID | Local Name | Segment Start | Segment End | Treatment In Place |
|------------|---|---------------------|----------------|--|
| 805.02 | 6th Avenue NE | 1st Street NE | 7th Street NE | Existing three-lane |
| 832.03 | US 2 | College Drive | 6th Avenue NE | Access management was part of construction process |
| 816.01 | 6th Street NE | College Drive North | 6th Avenue NE | Existing three-lane |
| 821.01 | 5th Avenue NE | Railroad Avenue | City Limit | Existing angle parking with curb extensions |
| 832.02 | US 2 | Highway 19 West | College Drive | Access management was part of construction process |
| 811.01 | 1st Street NE/ Railroad Avenue/ 2nd Avenue NE | 8th Avenue NE | 6th Street NE | Existing parallel parking with curb extensions |
| 820.01 | 4th Avenue NE | Railroad Avenue | 6th Street NE | Existing angle parking with curb extensions |
| 815.01 | 5th Street NE | College Drive North | 6th Avenue NE | Existing angle parking with curb extensions |
| 814.01 | 4th Street NE | 2nd Avenue NE | 12th Avenue NE | Existing angle parking with curb extensions and residential area |
| 834.04 | College Drive | 14th Street NE | City Limit | Existing three-lane and rural area |
| 801.03 | Frontage Rd | 3rd Avenue SE | 7th Ave SE | Existing too narrow |

Two intersection corridors were identified as high-priority pedestrian and bicycle intersections. However, pedestrian treatments similar to those suggested in other locations are already in place, so no projects were suggested in these locations (Table 4-12).

TABLE 4-12
 City of Devils Lake Urban Pedestrian/Bicycle Intersection Locations with Existing Treatments

| Intersection Corridor (Segment) ID | Local Name | Segment Start | Segment End | Treatment in Place |
|------------------------------------|---------------|---------------|----------------|--|
| 815.01 | 5th Street NE | 2nd Avenue NE | 5th Avenue NE | Pedestrian treatments already in place |
| 832.03 | US 2 | College Drive | 12th Avenue SE | Access management was part of construction process |

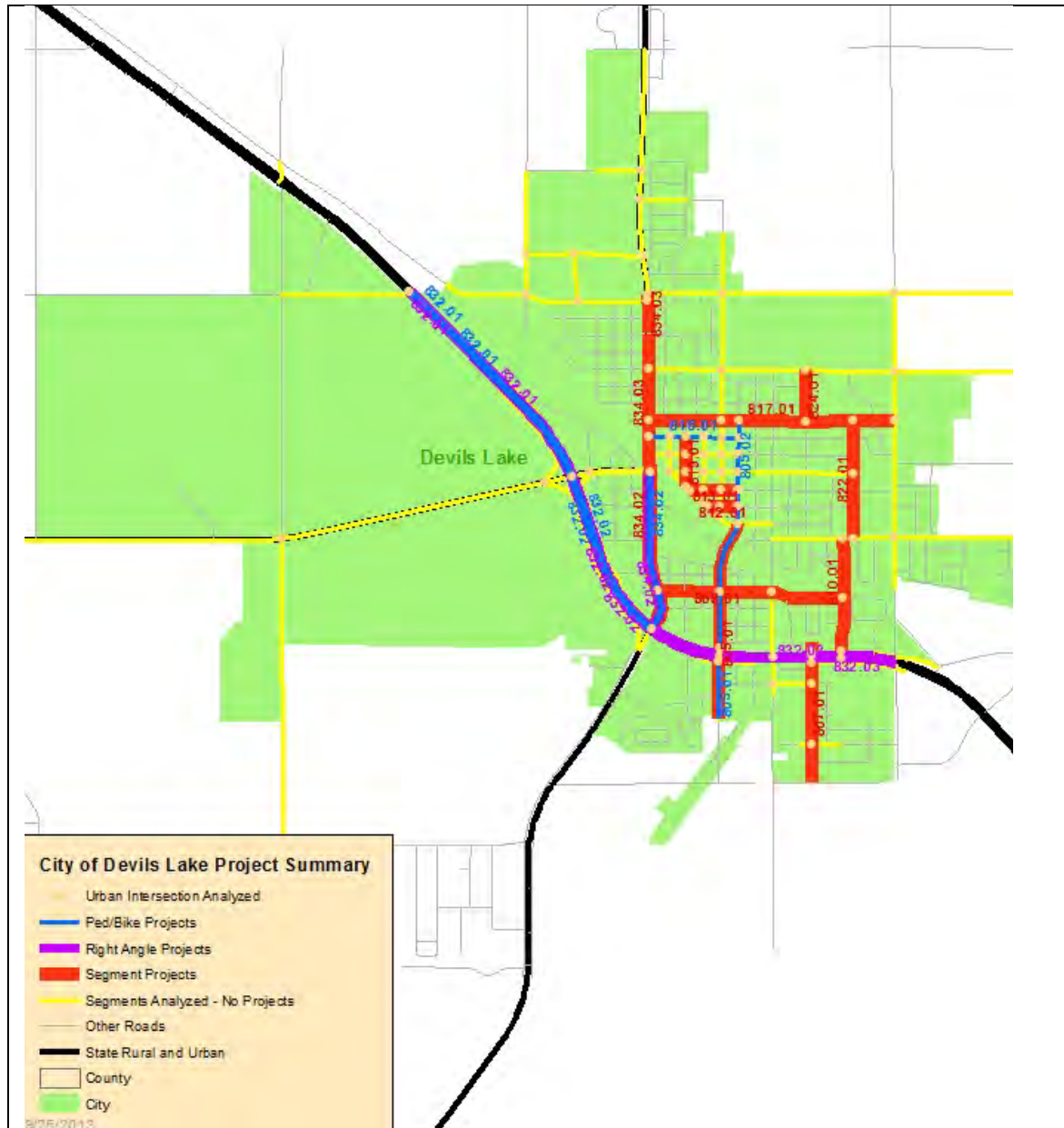


FIGURE 4-13
 City of Devils Lake Projects Location Map

23 USC 409
NDDOT Reserves All Objections

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

5th Ave SE from City Limit to 1st St NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 805.01
 Local Road Name: 5th Ave SE
 Start: City Limit
 End: 1st St NE
 City/Rural: Urban
 County: Ramsey

ADT: 6478
 Lanes: 4
 Access Density: 48
 Speed Limit: 25
 Length (miles): 0.6

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 | 1 |
| | 1 |

Describe Current Safety Issues & Systemic Ranking Review

| | Value | Critical | Star Ranking |
|--|-------|----------|--------------|
| ADT: | 6,478 | ≥ 10,000 | ★ |
| Major Approach Lanes: | 4 | ≥ 4 | ★ |
| Access Density: | 48 | 15 - 60 | ★ |
| Speed Limit: | 25 | ≤ 40 | ★ |
| Severe Rear End / Sideswipe / Head On Crashes: | 1 | ≥ 1 | ★ |
| | | | ★★★★★ |

Describe Proposed Safety Improvements

| Description | Type | Cost per mi | Mileage / # | Cost | Notes - Do not convert |
|-------------------|--|-------------|-------------|---------|-----------------------------|
| 3-Lane Conversion | Proactive | \$17,000 | 0.5 | \$8,160 | South of US 2. Ped/bike |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | projects suggested on other |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | sheets. |
| | Consider Access Management in the Future | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$7,344 |
| Local Match (10% of Total project cost) | \$816 |
| Total Project Cost | \$8,160 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

College Dr from Hwy 19 W to 14th St NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 834.03
 Local Road Name: College Dr
 Start: Hwy 19 W
 End: 14th St NE
 City/Rural: Urban
 County: Ramsey

 ADT: 7050
 Lanes: 3
 Access Density: 41
 Speed Limit: 30
 Length (miles): 0.7

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 | 1 |
| Sideswipe Passing | 0 |
| Head On | 0 |
| Sideswipe Opposing | 0 |
| Total | 1 |

Describe Current Safety Issues & Systemic Ranking Review

| | Value | Critical | Star Ranking |
|--|-------|----------|--------------|
| ADT: | 7,050 | ≥ 10,000 | ★ |
| Major Approach Lanes: | 3 | ≥ 4 | ★ |
| Access Density: | 41 | 15 - 60 | |
| Speed Limit: | 30 | ≤ 40 | ★ |
| Severe Rear End / Sideswipe / Head On Crashes: | 1 | ≥ 1 | ★ |
| | | | ★★★★ |

Describe Proposed Safety Improvements

| Description | Type | Cost per mi | Mileage / # | Cost | Notes - |
|--|-----------|-------------|-------------|----------|---------|
| 3-Lane Conversion | Proactive | \$17,000 | 0.2 | \$2,975 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 1 | \$25,000 | |
| Consider Access Management in the Future | | | | No | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$25,178 |
| Local Match (10% of Total project cost) | \$2,798 |
| Total Project Cost | \$27,975 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

College Dr from US 2 to Hwy 19W Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 834.02
 Local Road Name: College Dr
 Start: US 2
 End: Hwy 19W
 City/Rural: Urban
 County: Ramsey

ADT: 3431
 Lanes: 4
 Access Density: 30
 Speed Limit: 30
 Length (miles): 1.3

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 | 1 |
| Sideswipe Passing | 0 |
| Head On | 0 |
| Sideswipe Opposing | 0 |
| | 1 |

Describe Current Safety Issues & Systemic Ranking Review

| | Value | Critical | Star Ranking |
|--|-------|----------|--------------|
| ADT: | 3,431 | ≥ 10,000 | |
| Major Approach Lanes: | 4 | ≥ 4 | ★ |
| Access Density: | 30 | 15 - 60 | |
| Speed Limit: | 30 | ≤ 40 | ★ |
| Severe Rear End / Sideswipe / Head On Crashes: | 1 | ≥ 1 | ★★ |

Describe Proposed Safety Improvements

| Description | Type | Cost per mi | Mileage / # | Cost | Notes - Right angle and ped/bike projects suggested on other sheets. |
|--|-----------|-------------|-------------|----------|--|
| 3-Lane Conversion | Proactive | \$17,000 | 1.3 | \$22,100 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 2 | \$50,000 | |
| Consider Access Management in the Future | | | | No | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$64,890 |
| Local Match (10% of Total project cost) | \$7,210 |
| Total Project Cost | \$72,100 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

10th Ave SE from 17th St SE to Frontage Rd Project

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvlnl.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 807.01
Local Road Name: 10th Ave SE
Start: 17th St SE
End: Frontage Rd
City/Rural: Urban
County: Ramsey

ADT: 528
Lanes: 2
Access Density: 82
Speed Limit: 25
Length (miles): 0.5

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: | 528 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 82 | 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 | Proactive | \$17,000 | 0.5 | \$8,500 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$7,650 |
| Local Match (10% of Total project cost) | \$850 |
| Total Project Cost | \$8,500 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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

Page: 4
Segment ID: 807.01
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

5th St SE from College Dr S to 12th Ave SE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 808.01
 Local Road Name: 5th St SE
 Start: College Dr S
 End: 12th Ave SE
 City/Rural: Urban
 County: Ramsey

ADT: 1333
 Lanes: 2
 Access Density: 60
 Speed Limit: 25
 Length (miles): 0.8

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: | 1,333 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 60 | 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 | Proactive | \$17,000 | 0.8 | \$13,600 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$12,240 |
| Local Match (10% of Total project cost) | \$1,360 |
| Total Project Cost | \$13,600 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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 from Railroad Ave to 6th Ave NE Project

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvlnl.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 813.01
Local Road Name: 3rd St NE
Start: Railroad Ave
End: 6th Ave NE
City/Rural: Urban
County: Ramsey

ADT: 2045
Lanes: 2
Access Density: 80
Speed Limit: 25
Length (miles): 0.2

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: | 2,045 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 80 | 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 | Proactive | \$17,000 | 0.2 | \$3,400 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$3,060 |
| Local Match (10% of Total project cost) | \$340 |
| Total Project Cost | \$3,400 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

7th St NE from College Dr N to 12th Ave NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 817.01
 Local Road Name: 7th St NE
 Start: College Dr N
 End: 12th Ave NE
 City/Rural: Urban
 County: Ramsey

ADT: 1443
 Lanes: 2
 Access Density: 80
 Speed Limit: 25
 Length (miles): 0.8

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: | 1,443 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 80 | 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 | Proactive | \$17,000 | 0.8 | \$13,600 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 1 | \$25,000 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$34,740 |
| Local Match (10% of Total project cost) | \$3,860 |
| Total Project Cost | \$38,600 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

12th Ave SE from Frontage Rd to Walnut St SE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 810.01
 Local Road Name: 12th Ave SE
 Start: Frontage Rd
 End: Walnut St SE
 City/Rural: Urban
 County: Ramsey

ADT: 3270
 Lanes: 2
 Access Density: 60
 Speed Limit: 25
 Length (miles): 0.5

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: | 3,270 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 60 | 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 | Proactive | \$17,000 | 0.5 | \$8,500 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$7,650 |
| Local Match (10% of Total project cost) | \$850 |
| Total Project Cost | \$8,500 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

12th Ave NE from Walnut St E to 7th St NE Project

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvlnl.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 822.01
Local Road Name: 12th Ave NE
Start: Walnut St E
End: 7th St NE
City/Rural: Urban
County: Ramsey

ADT: 1022
Lanes: 2
Access Density: 58
Speed Limit: 25
Length (miles): 0.5

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: | 1,022 | ≥ 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 - |
|--|-----------|-------------|-------------|----------|---------|
| 3-Lane Conversion | Proactive | \$17,000 | 0.5 | \$8,500 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 1 | \$25,000 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$30,150 |
| Local Match (10% of Total project cost) | \$3,350 |
| Total Project Cost | \$33,500 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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 Ave NE from 4th St NE to 6th St NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 819.01
 Local Road Name: 3rd Ave NE
 Start: 4th St NE
 End: 6th St NE
 City/Rural: Urban
 County: Ramsey

ADT: 1082
 Lanes: 2
 Access Density: 110
 Speed Limit: 25
 Length (miles): 0.1

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: | 1,082 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 110 | 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 | Proactive | \$17,000 | 0.1 | \$1,700 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

10th Ave NE from 7th St NE to 10th St NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 824.01
 Local Road Name: 10th Ave NE
 Start: 7th St NE
 End: 10th St NE
 City/Rural: Urban
 County: Ramsey

ADT: 1195
 Lanes: 2
 Access Density: 70
 Speed Limit: 25
 Length (miles): 0.2

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: | 1,195 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 70 | 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 | Proactive | \$17,000 | 0.2 | \$3,400 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$3,060 |
| Local Match (10% of Total project cost) | \$340 |
| Total Project Cost | \$3,400 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

2nd St NE from 5th Ave NE to 6th Ave NE Project

Agency Name: City of Devils Lake
 Contact Name: Mike Grafsgaard
 Email Address: mikeg@dvlnl.com

ND DOT District: 3
 Telephone Number: 701-662-7600 ext 2

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

Location Description

Number: 812.01
 Local Road Name: 2nd St NE
 Start: 5th Ave NE
 End: 6th Ave NE
 City/Rural: Urban
 County: Ramsey

ADT: 365
 Lanes: 2
 Access Density 90
 Speed Limit: 25
 Length (miles): 0.1

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: | 365 | ≥ 10,000 | |
| Major Approach Lanes: | 2 | ≥ 4 | |
| Access Density: | 90 | 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 | Proactive | \$17,000 | 0.1 | \$1,700 | |
| 5-Lane Conversion | Proactive | \$22,000 | 0.0 | \$0 | |
| Signal Revisions | Proactive | \$25,000 | 0 | \$0 | |
| Consider Access Management in the Future | | | | Yes | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

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)

Right Angle Crashes @ Signals Intersection Improvements

Intersections on US 2 from Summer St NW to Hwy 19W

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvind.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor 832.01
Street Name US 2
Urban/Rural: Urban
County: Ramsey
Length 2.0

SHSP Emphasis Area (check all that apply)

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

North Dakota Crashes, 2008 - 2012

5 Years

Describe Proposed Safety Improvements

| Intersection ID | Street Name | Cross Street | Config | Taffic Control | Entering ADT | Major Config | Severe Crashes | Severe RA Crashes | Confirmation Lights | Notes |
|-----------------|--------------|--------------|--------|----------------|--------------|--------------|----------------|-------------------|---------------------|--|
| 825.01 | Summer St NW | US 2 | T | Thru-STOP | 2,440 | Undivided | 0 | 0 | 0 | Ped/bike projects suggested on other sheets. |
| 832.01 | US 2 | Hwy 19 W | X | Signal | 7,830 | Divided | 1 | 0 | 1 | Ped/bike projects suggested on other sheets. |

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 | 1 | \$1,000 |
| Entering ADT | >7,500 | Unsignalized and Divided Access Management | \$300,000 per mile | 2.0 | \$600,000 |
| Road Geometry | Divided | *Corridor includes 2 miles of divided roadway. | | | \$601,000 |
| Severe Crashes | >0 | | | | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|------------------|
| Federal Funds | \$540,900 |
| Local Match (10% of Total project cost) | \$60,100 |
| Total Project Cost | \$601,000 |

NDDOT Central Office Only

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

Page: 1
Intersection ID: 832.01
Date: 10/28/2013

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 US 2 from Hwy 19W to College Dr

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvind.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor 832.02
Street Name US 2
Urban/Rural: Urban
County: Ramsey
Length 1.4

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

North Dakota Crashes, 2008 - 2012

5 Years

Describe Proposed Safety Improvements

| Intersection ID | Street Name | Cross Street | Config | Taffic Control | Entering ADT | Major Config | Severe Crashes | Severe RA Crashes | Confirmation Lights | Notes |
|-----------------|-------------|--------------|--------|----------------|--------------|--------------|----------------|-------------------|---------------------|--|
| 832.02 | US 2 | College Dr | X | Signal | 11,708 | Divided | 3 | 0 | 1 | Ped/bike projects suggested on other sheets. |

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 | 1 | \$1,000 |
| Entering ADT | >7,500 | Unsignalized and Divided Access Management | \$300,000 per mile | 0.0 | \$0 |
| Road Geometry | Divided | *Corridor includes miles of divided roadway. | | | \$1,000 |
| Severe Crashes | >0 | | | | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$900 |
| Local Match (10% of Total project cost) | \$100 |
| Total Project Cost | \$1,000 |

NDDOT Central Office Only

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

Page: 2
Intersection ID: 832.02
Date: 10/28/2013

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 US 2 from College Dr to 12th Ave SE

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvind.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor 832.03
Street Name US 2
Urban/Rural: Urban
County: Ramsey
Length 2.0

SHSP Emphasis Area (check all that apply)

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

North Dakota Crashes, 2008 - 2012

5 Years

Describe Proposed Safety Improvements

| Intersection ID | Street Name | Cross Street | Config | Taffic Control | Entering ADT | Major Config | Severe Crashes | Severe RA Crashes | Confirmation Lights | Notes |
|-----------------|-------------|--------------|--------|----------------|--------------|--------------|----------------|-------------------|---------------------|-------|
| 805.01 | 5th Ave SE | US 2 | X | Signal | 8,750 | Divided | 0 | 0 | 1 | None |
| 806.01 | 8th Ave SE | US 2 | X | Thru-STOP | 6,303 | Divided | 0 | 0 | 0 | None |
| 807.01 | 10th Ave SE | US 2 | X | Thru-STOP | 4,935 | Divided | 0 | 0 | 0 | None |
| 810.01 | 12th Ave SE | US 2 | X | Thru-STOP | 7,165 | Undivided | 0 | 0 | 0 | None |

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 | 1 | \$1,000 |
| Entering ADT | >7,500 | Unsignalized and Divided Access Management | \$300,000 per mile | 0.0 | \$0 |
| Road Geometry | Divided | *Corridor includes miles of divided roadway. | | | \$1,000 |
| Severe Crashes | >0 | | | | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$900 |
| Local Match (10% of Total project cost) | \$100 |
| Total Project Cost | \$1,000 |

NDDOT Central Office Only

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

Page: 3
Intersection ID: 832.03
Date: 10/28/2013

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 College Dr from 5st St SE to Hwy 19W

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dvind.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor 834.02
Street Name College Dr
Urban/Rural: Urban
County: Ramsey
Length 1.3

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

North Dakota Crashes, 2008 - 2012

5 Years

Describe Proposed Safety Improvements

| Intersection ID | Street Name | Cross Street | Config | Taffic Control | Entering ADT | Major Config | Severe Crashes | Severe RA Crashes | Confirmation Lights | Notes |
|-----------------|-------------|--------------|--------|----------------|--------------|--------------|----------------|-------------------|---------------------|--|
| 808.01 | 5th St SE | College Dr S | T | Thru-STOP | 3,480 | Undivided | 0 | 0 | 0 | Segment and ped/bike projects suggested on other sheets. |
| 833.01 | US 2 | College Dr | T | Signal | 9,210 | Undivided | 0 | 0 | 1 | Segment and ped/bike projects suggested on other sheets. |

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 | 1 | \$1,000 |
| Entering ADT | >7,500 | Unsignalized and Divided Access Management | \$300,000 per mile | 0.0 | \$0 |
| Road Geometry | Divided | *Corridor includes 0 miles of divided roadway. | | | \$1,000 |
| Severe Crashes | >0 | | | | |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|----------------|
| Federal Funds | \$900 |
| Local Match (10% of Total project cost) | \$100 |
| Total Project Cost | \$1,000 |

NDDOT Central Office Only

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

Page: 4
Intersection ID: 834.02
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on 5th Ave SE from 5th Ave SE to 1st St NE

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dlvnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 805.01
Street Name: 5th Ave SE
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 6,478

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|-------------|--------------|-----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|---|
| 801.02 | Frontage Rd | 5th Ave SE | Thru-STOP | 1,270 | Yes | 1 | 0 | 0 | 0 | 0 | Segment projects suggested on other sheets. |
| 805.01 | 5th Ave SE | US 2 | Signal | 8,750 | Yes | 0 | 1 | 1 | 0 | 0 | Segment projects suggested on other sheets. |
| 802.01 | Frontage Rd | Hwy 19 W | Thru-STOP | 3,720 | - | 0 | 0 | 0 | 0 | 0 | Segment projects suggested on other sheets. |
| 805.02 | 5th Ave SE | 5th St SE | Thru-STOP | 7,000 | - | 1 | 0 | 0 | 2 | 0 | Segment projects suggested on other sheets. |

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 | 1 | \$0 |
| Entering ADT | >7,500 | Countdown Timers | \$10,000 per intersection | 1 | \$10,000 |
| 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 |
| | | | | | \$40,000 |

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 --

Page: 1
Intersection ID: 805.01
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on 5th Ave SE from 1st St NE to 7th St NE

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dlvnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 805.02
Street Name: 5th Ave SE
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 4,755

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|-------------|--------------|-----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|-------|
| 805.03 | 6th Ave NE | 1st St NE | Thru-STOP | 8,303 | - | 2 | 0 | 0 | 2 | 0 | None |
| 805.04 | 6th Ave NE | 2nd St NE | Thru-STOP | 6,488 | - | 0 | 0 | 0 | 3 | 1 | None |
| 805.05 | 6th Ave NE | 3rd St NE | Thru-STOP | 7,828 | - | 0 | 0 | 0 | 4 | 2 | None |
| 805.06 | 6th Ave NE | 4th St NE | Signal | 9,045 | Yes | 1 | 1 | 1 | 2 | 0 | None |
| 805.07 | 6th Ave NE | 5th St NE | Thru-STOP | 6,638 | - | 0 | 0 | 0 | 4 | 2 | None |
| 805.08 | 6th Ave NE | 6th St NE | Thru-STOP | 4,775 | - | 0 | 0 | 0 | 4 | 2 | None |
| 805.09 | 6th Ave NE | 7th St NE | Thru-STOP | 3,588 | - | 0 | 0 | 0 | 4 | 2 | None |

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 | | | | |
| Entering ADT | >7,500 | Advanced Walk | \$0 per intersection | 1 | \$0 |
| Development / Ped Generator | Yes | Countdown Timers | \$10,000 per intersection | 1 | \$10,000 |
| Total Ped/Bike Crashes | >0 | Curb Extensions | \$15,000 per corner | 23 | \$345,000 |
| | | Median Refuge Island | \$10,000 per side | 9 | \$90,000 |
| | | | | | \$445,000 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|------------------|
| Federal Funds | \$400,500 |
| Local Match (10% of Total project cost) | \$44,500 |
| Total Project Cost | \$445,000 |

NDDOT Central Office Only

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

Page: 2
Intersection ID: 805.02
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on 6th St NE from College Dr N to 5th Ave NE

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dlvnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 816.01
Street Name: 6th St NE
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 4,078

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|-------------|--------------|----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|---|
| 816.01 | 6th St NE | College Dr N | Signal | 8,835 | - | 0 | 1 | 1 | 2 | 0 | Segment projects suggested on other sheets. |
| 811.08 | 2nd Ave NE | 6th St NE | Thru-STOP | 7,885 | - | 1 | 0 | 0 | 2 | 1 | Segment projects suggested on other sheets. |
| 816.02 | 6th St NE | 3rd Ave NE | Thru-STOP | 6,193 | Yes | 0 | 0 | 0 | 2 | 2 | Segment projects suggested on other sheets. |
| 816.03 | 6th St NE | 4th Ave NE | Signal | 7,830 | Yes | 0 | 1 | 1 | 2 | 0 | Segment projects suggested on other sheets. |
| 816.04 | 6th St NE | 5th Ave NE | Thru-STOP | 4,110 | - | 0 | 0 | 0 | 2 | 2 | Segment projects suggested on other sheets. |

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 | | | | |
| Entering ADT | >7,500 | Advanced Walk | \$0 per intersection | 2 | \$0 |
| Development / Ped Generator | Yes | Countdown Timers | \$10,000 per intersection | 2 | \$20,000 |
| Total Ped/Bike Crashes | >0 | Curb Extensions | \$15,000 per corner | 10 | \$150,000 |
| | | Median Refuge Island | \$10,000 per side | 5 | \$50,000 |
| | | | | | \$220,000 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|------------------|
| Federal Funds | \$198,000 |
| Local Match (10% of Total project cost) | \$22,000 |
| Total Project Cost | \$220,000 |

NDDOT Central Office Only

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

Page: 4
Intersection ID: 816.01
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on US 2 from Summer St NW to Hwy 19W

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@divnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 832.01
Street Name: US 2
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 2,888

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|--------------|--------------|-----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|---|
| 825.01 | Summer St NW | US 2 | Thru-STOP | 2,440 | - | 0 | 0 | 0 | 0 | 0 | Right angle projects suggested on other sheets. |
| 832.01 | US 2 | Hwy 19 W | Signal | 7,830 | Yes | 0 | 1 | 1 | 0 | 0 | Right angle projects suggested on other sheets. |

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 | 1 | \$0 |
| Entering ADT | >7,500 | Countdown Timers | \$10,000 per intersection | 1 | \$10,000 |
| 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 |
| | | | | | \$10,000 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$9,000 |
| Local Match (10% of Total project cost) | \$1,000 |
| Total Project Cost | \$10,000 |

NDDOT Central Office Only

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

Notes -- _____

Page: 5
Intersection ID: 832.01
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on US 2 from Hwy 19W to College Dr

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@divnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 832.02
Street Name: US 2
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 3,838

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|-------------|--------------|----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|---|
| 832.02 | US 2 | College Dr | Signal | 11,708 | Yes | 1 | 1 | 1 | 0 | 0 | Right angle projects suggested on other sheets. |

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 | 1 | \$0 |
| Entering ADT | >7,500 | Countdown Timers | \$10,000 per intersection | 1 | \$10,000 |
| 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 |
| | | | | | \$10,000 |

Project Cost Estimate (attach detailed copy)

Proposed Year of Construction

| | |
|---|-----------------|
| Federal Funds | \$9,000 |
| Local Match (10% of Total project cost) | \$1,000 |
| Total Project Cost | \$10,000 |

NDDOT Central Office Only

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

Notes -- _____

Page: 6
Intersection ID: 832.02
Date: 10/28/2013

HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP) PROJECT APPLICATION

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

Pedestrian and Bicycle Intersection Improvements

Intersections on College Dr from 5th St SE to Hwy 19W

Agency Name: City of Devils Lake
Contact Name: Mike Grafsgaard
Email Address: mikeg@dlvnd.com

ND DOT District: 3
Telephone Number: 701-662-7600 ext 2

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

Location Description

Corridor: 834.02
Street Name: College Dr
Urban/Rural: Urban
County: Ramsey
Corridor ADT: 3,431

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

North Dakota Crashes, 2008 - 2012

5 Years

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 Extensions | Median Refuge Island | Notes |
|-----------------|-------------|--------------|----------------|--------------|-----------------------------|------------------------|---------------|------------------|-----------------|----------------------|---|
| 808.01 | 5th St SE | College Dr S | Thru-STOP | 3,480 | Yes | 0 | 0 | 0 | 2 | 0 | Segment and right angle projects suggested on other sheets. |
| 833.01 | US 2 | College Dr | Signal | 0 | 0 | 0 | 1 | 1 | 2 | 0 | Segment and right angle projects suggested on other sheets. |

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 | 1 | \$0 |
| Entering ADT | >7,500 | Countdown Timers | \$10,000 per intersection | 1 | \$10,000 |
| 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 |
| | | | | | \$70,000 |

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 -- _____

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Intersection ID: 834.02
Date: 10/28/2013