

FREEWAY DIVERSION

NEBRASKA

HWY 77

Northbound

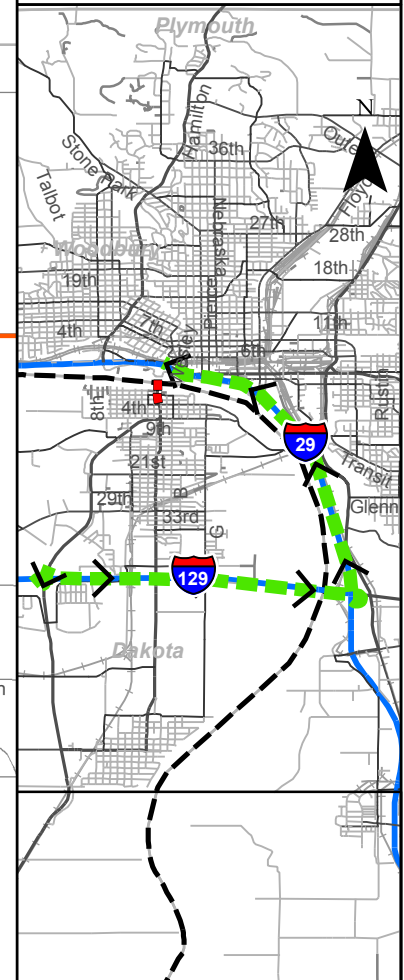
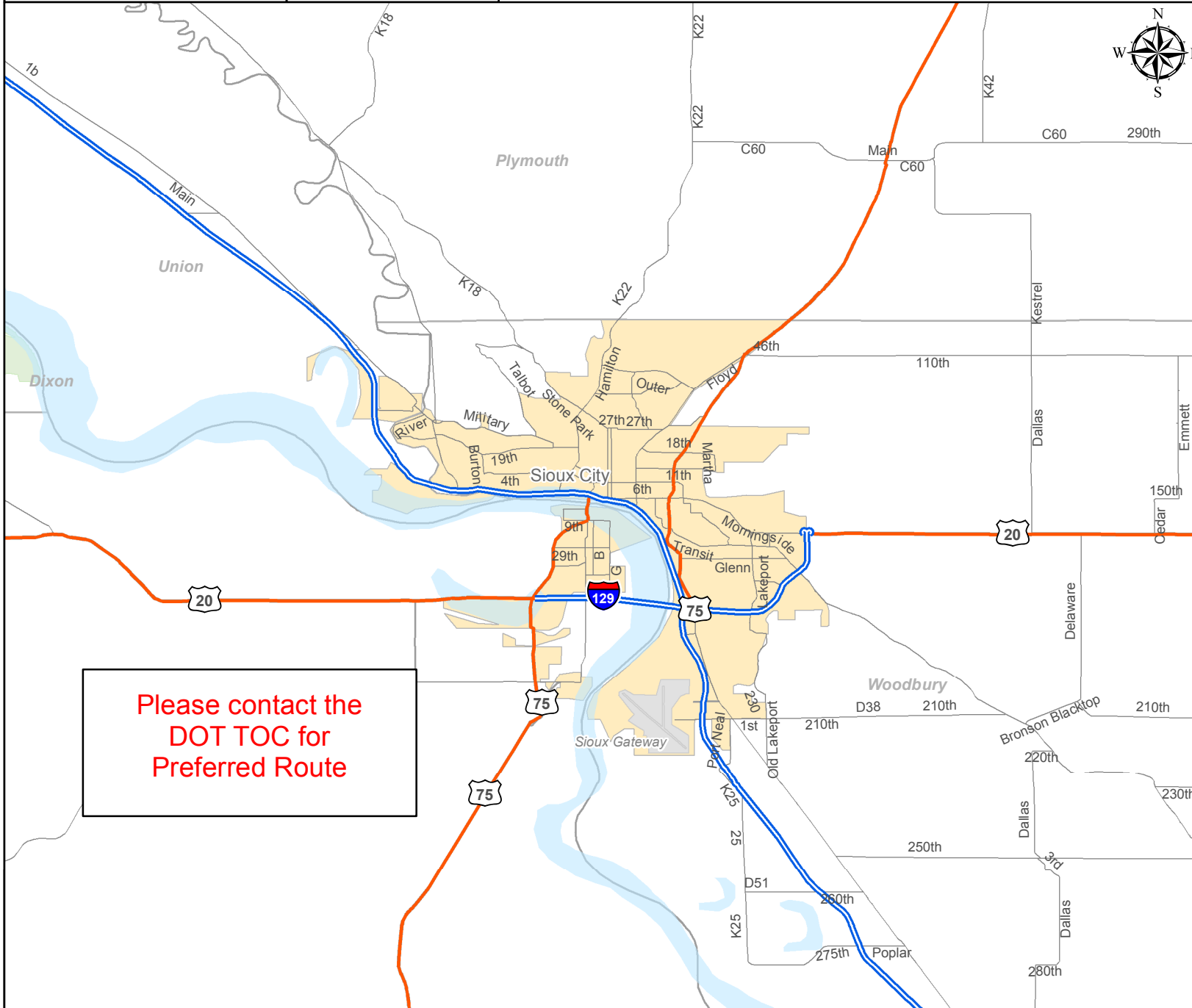
FROM:
6th Street
South Sioux City, NE

TO:
Loess Hills Scenic Byway
Sioux City, IA

PLAN 2501
2 / 7

LEGEND

- - - Closed Route
- Local Detour
- Local Detour
- Global Diversion
- Interstate
- Streets
- Critical Locations



Please contact the
DOT TOC for
Preferred Route

HOME

DIVERSION
INFORMATION

RESPONSE
MATRIX

RESPONSE
AGENCIES

DMS MESSAGES

BARRICADING/
TRAFFIC CONTROL

EXIT

6/11/2014

| | | | | | |
|------------------------------|----------|-----------|------------|---|-------------------------|
| FREEWAY DIVERSION | Nebraska | HWY 77 | Northbound | From: 6 th Street (NE) To: Loess Hills Scenic Byway (Iowa) | Plan 2501 3/7 |
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| CRITICAL AREAS TO MONITOR FOR DIVERSION DECISION MAKING | | |
|--|------------------------------------|--|
| Intersection/Location | Situation | Response |
| SB US 75/EB I-129 Off Ramp | Traffic backing up at intersection | Deploy Law Enforcement to control Traffic Flow as needed |
| EB I-129 Off Ramp Exit 1B | Traffic backing up at intersection | Deploy Law Enforcement to control Traffic Flow as needed |

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|------|-----|--------------------|----------------------|-----------------|------------------------------------|------|
| HOME | MAP | RESPONSE MATRIX | RESPONSE AGENCIES | DMS MESSAGES | BARRICADING/ TRAFFIC CONTROL | EXIT |
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| FREEWAY DIVERSION | Nebraska | HWY 77 | Northbound | From: 6 th Street (NE) To: Loess Hills Scenic Byway (Iowa) | Plan 2501 4/7 |
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| HEAVY TRAFFIC VOLUME POTENTIAL RESPONSE OPTIONS | |
|---|---|
| All Durations | |
| Incident off roadway/ Shoulder blocked | Notify Traffic Operations Center to monitor for potential DMS usage |
| Lane(s) blocked by incident or debris | Display DMS warning message (where applicable) Relocate to outside shoulder as soon as possible Notify DOT Maintenance for cleanup assistance |
| Expected Duration < 30 Minutes (Minor) | |
| Incident off roadway/ Shoulder blocked | Use law enforcement vehicle(s) for warning |
| Lane(s) blocked by incident or debris | Use law enforcement vehicle(s) for warning Set up emergency traffic control to provide traffic flow on open lane(s) |
| Expected Duration 30 Minutes to 2 Hours (Intermediate) | |
| Incident off roadway/ Shoulder blocked | Set up emergency traffic control for shoulder closure |
| Lane(s) blocked by incident or debris | Set up emergency traffic control If queue is excessive, implement full diversion |
| All lanes blocked | Implement full diversion Display DMS road closed message (where applicable) |
| Expected Duration > 2 hours (Major) | |
| Incident off roadway/ Shoulder blocked | Set up emergency traffic control for shoulder closure |
| Lane(s) blocked by incident or debris | Set up emergency traffic control Implement portable changeable message sign (where no permanent DMS covers) Monitor queue length and implement full diversion if queue is excessive |
| All lanes blocked | Implement full diversion Establish lane for through traffic as soon as possible |

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MODERATE VOLUME TRAFFIC POTENTIAL RESPONSE OPTIONS

Expected Duration < 30 Minutes (Minor)

| | |
|---------------|---|
| All incidents | Notify Traffic Operations Center to monitor for potential DMS usage Use law enforcement vehicle(s) for warning Relocate to outside shoulder as soon as possible |
|---------------|---|

Expected Duration 30 Minutes to 2 Hours (Intermediate)

| | |
|--|---|
| At least one lane is available for traffic | Set up emergency traffic control to provide traffic flow on open lane(s) If queue is excessive, implement full diversion |
| All lanes blocked | Implement full diversion Display DMS road closed message (where applicable) |

Expected Duration > 2 hours (Major)

| | |
|--|--|
| At least one lane is available for traffic | Set up emergency traffic control to provide traffic flow on open lane(s) Implement portable changeable message sign (where no permanent DMS covers) |
| All lanes blocked | Implement full diversion Establish lane for through traffic as soon as possible |

LOW VOLUME TRAFFIC POTENTIAL RESPONSE OPTIONS

Expected Duration < 30 Minutes (Minor)

| | |
|---------------|---|
| All Incidents | Notify Traffic Operations Center to monitor scene for potential DMS usage Use law enforcement vehicle(s) for warning Set up emergency traffic control to provide traffic flow on open lane(s) |
|---------------|---|

Expected Duration 30 Minutes to 2 Hours (Intermediate)

| | |
|--|---|
| At least one lane is available for traffic | Set up emergency traffic control to provide traffic flow on open lane(s) If queue is excessive, implement full diversion |
| All lanes blocked | Implement full diversion Display DMS road closed message (where applicable) |

Expected Duration > 2 hours (Major)

| | |
|--|--|
| At least one lane is available for traffic | Set up emergency traffic control to provide traffic flow on open lane(s) Implement portable changeable message sign (where no permanent DMS covers) |
| All lanes blocked | Implement full diversion Establish lane for through traffic as soon as possible |

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AGENCY CONTACTS

| Agency | Public Information |
|--|---------------------------|
| DOT Traffic Operations Center Motor Carrier Services District 3 Office | Office: (515) 233-7900 |
| Nebraska Department of Roads District 3 | Office: (402) 370-3470 |
| South Dakota Department of Transportation Yankton Area | Office: (605) 668-2929 |
| Iowa State Patrol (Storm Lake) | Office: (712) 732-1341 |
| Nebraska State Patrol | Office: (402) 471-4545 |
| South Dakota State Patrol | Office: (605) 356-3581 |
| Woodbury County, IA Sheriff | Office: (712) 279-6010 |
| Dakota County, NE Communications Center (Sheriff) | Office: (402) 494-7555 |
| Union County, SD Sheriff | Office: (605) 356-2679 |

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| DMS MESSAGES | | | | |
|--------------|---|----------------------|--|-----------------------|
| Sign ID | Sign Location | Closure Direction | Message Screen One | Message Screen Two |
| NA | Nebraska I-129 EB @ MP 0.9 (Overhead) | Northbound | 77 N CLOSED AT RIVER CROSSING USE I-29 N | |

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| TRAFFIC CONTROL | | |
|------------------------------|--|--|
| Intersection/Location | Initial Action/ Resource Needed | Extended Duration Action/ Resource Needed |
| Primary Alternate | | |
| SB US 75/EB I-129 Off Ramp | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed |
| EB I-129 Off Ramp Exit 1B | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed |
| Secondary Alternate | | |
| | | |

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