





FREEWAY DIVERSION	South Dakota	I-29	Northbound	From: Exit 4 McCook Lake To: Exit 9 Dakota St. Jefferson, SD	Plan 2031 3/7
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CRITICAL AREAS TO MONITOR FOR DIVERSION DECISION MAKING		
Intersection/Location	Situation	Response
NB I-29 Exit 4	TRAFFIC backing up at ramp	Deploy Law Enforcement To Control Traffic Flow As Needed
Co. Rd. 1B/ Co. HWY 105 & Northshore Dr.	Traffic backing up at intersection	Deploy Law Enforcement To Control Traffic Flow As Needed
Co. Rd. 1B/ Co. HWY 105/ Main St. & W. Dakota St.	Traffic backing up at intersection	Deploy Law Enforcement To Control Traffic Flow As Needed
NB I-29 On Ramp 9	Traffic backing up at ramp	Deploy Law Enforcement To Control Traffic Flow As Needed

HOME	MAP	RESPONSE MATRIX	RESPONSE AGENCIES	DMS MESSAGES	BARRICADING/ TRAFFIC CONTROL	EXIT
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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
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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)
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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
265	SC-I-29 NB @ Barb MP 146.6 (Side-Mount)	Northbound	ROAD CLOSED IN SD	USE EXIT 4
243	SC-US 20 WB @ Buchanon Ave (Overhead)	Northbound	I-29 N CLOSED IN SOUTH DAKOTA AT EXIT 4	USE ALT ROUTE
380	SC-US 20 WB @ Lake Port (Side-Mount)	Northbound	I-29 N CLOSED SD EX 4	USE ALT ROUTE
385	CB-I-29 NB @ MoValley (Side-Mount)	Northbound	I-29 N CLOSED SD EX 4	

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TRAFFIC CONTROL		
Intersection/Location	Initial Action/ Resource Needed	Extended Duration Action/ Resource Needed
Primary Alternate		
NB I-29 Exit 4	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
Northshore Dr.Co. & Rd. 1B/ Co. HWY 105	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
Co. Rd. 1B/ Co. HWY 105/ Main St. & W. Dakota St.	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
NB I-29 On Ramp 9	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
Secondary Alternate		

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