



POLK COUNTY IOWA

## I-80 WESTBOUND

FROM: Exit 155 (IA117/Colfax)

**T0:** Exit 143 (1st Ave. N/NE 72nd St.)

PLAN 6118 3/7

### **CRITICAL AREAS TO MONITOR**

LOCATION	EXIT	SITUATION	RESPONSE	
Local Diversion - Primary				
I-80 WB Off Ramp to IA 117 NB (Exit 155)	155	Traffic backing up onto interstate	Monitor location	
IA 117 NB to US 65 SB		Traffic backing up and significant delays due to a stop sign	Notify local law enforcement	
US 65 SB in Bondurant		Traffic backing up and significant delays due to two traffic signals	Notify local law enforcement	
US 65 SB to I-80 WB On Ramp	142	Traffic returning to interstate	Monitor location	

## **Local Diversion - Secondary**

I-80 WB Off Ramp to NE 112 <sup>th</sup> St NB	149	Traffic returning to interstate	Monitor location
NE 112th St NB to NE 70th Ave WB		Traffic backing up and significant delays due to left turning vehicles	Notify local law enforcement
15th St WB to US 65 SB		Traffic backing up due to tight turning radius	Notify local law enforcement
US 65 SB in Bondurant		Traffic backing up and significant delays due to two traffic signals	Notify local law enforcement
US 65 SB to I-80 WB	142	Traffic returning to interstate	Monitor location

### **Global Diversion**

# NO CRITICAL AREAS TO MONITOR AVAILABLE

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
DETOUR	DETOUR	LOCATIONS	PLAN	CONTACTS	MESSAGES	CONTROL
1/7	2/7	3/7	4/7	5/7	6/7	7/7

Iowa DOT TMC: 515-237-3300 ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

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### **ALTERNATE ROUTE RESPONSE PLAN**

### **Minor Impact to Traffic (Less Than 30 Minutes)**

Off Peak -	Diversion not implemented:
Shoulder Blocked	On-scene traffic control
Off Peak -	Deploy informational DMS messaging for approaching traffic
Shoulder and One Lane Blocked	

### **Intermediate Impact to Traffic (30 Minutes to 2 Hours)**

Peak Period -	Diversion not implemented:
Shoulder Blocked	On-scene traffic control
Off Period – Shoulder and One Lane Blocked	Deploy informational DMS messaging for approaching traffic
Peak Period – Shoulder and One Lane Blocked	Partial Diversion:  • On-scene traffic control  • Deploy informational DMS recogning for approaching traffic
	<ul> <li>Deploy informational DMS messaging for approaching traffic</li> <li>Deploy DMS messaging directing through traffic to use diversion routes</li> <li>Monitor local diversion routes at critical locations as needed</li> </ul>
All Lanes Blocked	<ul> <li>Full Diversion:</li> <li>On-scene traffic control</li> <li>Deploy DMS messaging directing all traffic to use diversion routes</li> <li>Deploy law enforcement to direct traffic at critical locations</li> </ul>

## **Major Impact to Traffic (Greater Than 2 Hours)**

Peak Period – Shoulder Blocked	Diversion not implemented:  • On-scene traffic control
Off Period – Shoulder and One Lane Blocked	Deploy informational DMS messaging for approaching traffic
Peak Period – Shoulder and One Lane Blocked	Partial/Discretionary Diversion:  Deploy cones, barricades, and other appropriate traffic control devices  Deploy informational DMS messaging for approaching traffic  Deploy DMS messaging directing through traffic to use diversion routes  Divert traffic to local diversion routes at discretion of incident commander
All Lanes Blocked	Full Diversion:  Deploy cones, barricades, and other appropriate traffic control devices  Deploy DMS messaging directing all traffic to use diversion routes  Deploy law enforcement to direct traffic at critical locations

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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#### **CRITICAL CONTACTS**

Polk County Dispatch 515-286-3333 **Iowa DOT Statewide TMC** 515-237-3300

**Iowa State Patrol Comm. Center** 800-525-5555

#### **RESPONSIBILITIES**

Polk County Dispatch 515-286-3333

Coordinate with the incident commander as to whether a diversion route is needed and which one should be implemented.

- Notify lowa DOT statewide of route implemented, incident specific or maintenance needs, and who the incident commander is.
- Dispatch County Sheriff, local law enforcement, and fire departments as needed.
- Inform local municipalities and other jurisdictions that a diversion route is being implemented.
- Deploy law enforcement to direct traffic at critical locations as needed.

#### **Emergency Responders:**

- Secure scene.
- Provide incident information, diversion route recommendations, and towing needs to E911.
- Minimize impact to traffic.
- Provide manual traffic control as needed, or as directed by E911 at critical locations.

Iowa DOT Statewide TMC 515-237-3300

Deploy informational DMS and 511 messages to alert motorists of construction, delays, incidents, closures, etc. and/or directional DMS messaging to direct traffic to the implemented diversion route.

- Monitor incidents and critical locations along the implemented diversion route.
- Coordinate with Iowa DOT maintenance facilities regarding traffic control needs.
- Deploy PDMS and Portable CCTV devices as needed for longer duration incidents.
- Coordinate with local municipalities regarding the modification of signals, signal timing, or stop signs.
- Coordinate with railroad authority regarding key crossings along the implemented diversion route.

#### **Iowa State Patrol Comm. Center**

800-525-5555

Dispatch State Patrol.

#### On-Scene Incident Commander:

- Secure scene.
- Notify appropriate communications center of incident location, anticipated duration, affected lanes, and identify the incident commander.
- Coordinate with the communications center regarding diversion route needs.
- Minimize impact to traffic through coordination of on-scene traffic control.
- Ensure overweight and oversize vehicles are parked.
- When the incident is safely cleared, notify the appropriate communications center that the diversion route is no longer needed.

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### **ADDITIONAL CONTACT INFORMATION**

Polk County Dispatch Additional Contact			
Des Moines Dispatch	515-283-4811		
WestCom Communications Center	515-222-3321		

Iowa DOT Statewide TMC Additional Contact				
Iowa DOT Statewide TMC (Toll Free)	888-449-9672			
Iowa DOT Maint. Garage – Des Monies	515-265-1614			

Iowa State Patrol Comm. Center Additional Contact				
Iowa State Patrol – District 1	515-725-0010			
Iowa State Patrol – District 15	515-281-6176			
Iowa State Patrol – District 16	515-281-3879			
Iowa State Patrol – Central HQ	515-725-6090			

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## **I-80 WESTBOUND**

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### DMS MESSAGES **V**

LOCAL PRIMARY

Sign Location	Page 1	Page 2
I-80 WB @ Newton MM 171.4 - SM	I-80W AT EXIT 155 CLOSED	DETOUR EXIT 155 IA 117 N
I-80 WB @ Kellogg MM 174 - OH	I-80 W CLOSED AT EXIT 155 USE EX 155/IA 117 N	
Applicable On Route PDMS Messages	I-80W AT EXIT 155 CLOSED	DETOUR EXIT 155 IA 117 N
Applicable Off Route PDMS Messages	I-80W AT EXIT 155 CLOSED	USE ALT ROUTE

LOCAL SECONDARY

Sign Location	Page 1	Page 2
LOO WD @ November MM 474 4 CM	I-80W AT	DETOUR
I-80 WB @ Newton MM 171.4 - SM	EXIT 155 CLOSED	EXIT 155 IA 117 N
	I-80 W CLOSED	
I-80 WB @ Kellogg MM 174 - OH	AT EXIT 155	
	USE EX 155/IA 117 N	
	I-80W AT	DETOUR
Applicable On Route PDMS Messages	EXIT 155	EXIT 155
	CLOSED	IA 117 N
	I-80W AT	USE
Applicable Off Route PDMS Messages	EXIT 155	ALT
	CLOSED	ROUTE

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### DMS MESSAGES V

	Sign Location	Page 1	Page 2
	I-80 WB @ Newton MM 171.4 - SM	I-80W AT EXIT 155 CLOSED	DETOUR EXIT 159 F48 S
3AL	I-80 WB @ Kellogg MM 174 - OH	I-80 W CLOSED AT EXIT 155 USE EXIT 159/F48 S	
GLOBA	Applicable On Route PDMS Messages Before Global Detour	I-80W AT EXIT 155 CLOSED	DETOUR EXIT 159 F48 S
	Applicable On Route PDMS Messages Past Global Detour	I-80W AT EXIT 155 CLOSED	DETOUR EXIT 155 IA 117 N
	Applicable Off Route PDMS Messages	I-80W AT EXIT 155 CLOSED	USE ALT ROUTE

Primary	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
	Jasper County	641-792-5912
Secondary	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
Global	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
	Jasper County	641-792-5912

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### **TRAFFIC CONTROL**

LOCATION	INITIAL ACTION/RESOURCE	EXTENDED ACTION/RESOURCE			
Local Diversion - Primary					
I-80 WB Off Ramp to IA 117 NB (Exit 155)	Detour signing	Monitor location			
IA 117 NB to US 65 SB	Detour signing	Manual traffic control (as needed/peak periods)			
US 65 SB in Bondurant	Detour signing	Manual traffic control (as needed/peak periods)			
US 65 SB to I-80 WB On Ramp	Monitor location	Monitor location			

## **Local Diversion - Secondary**

I-80 WB Off Ramp to NE 112 <sup>th</sup> St NB	Monitor location	Monitor location		
NE 112th St NB to NE 70th Ave WB Detour signing		Monitor location		
15th St WB to US 65 SB	Monitor location	Monitor location		
US 65 SB in Bondurant	Detour signing	Manual traffic control (as needed/peak periods)		
US 65 SB to I-80 WB	Monitor location	Monitor location		

#### **Global Diversion**

# NO TRAFFIC CONTROL AVAILABLE

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