



Iowa DOT TMC: 515-237-3300

IA 117 SB to

I-80 EB On Ramp

POLK COUNTY IOWA

155

I-80 EASTBOUND

FROM: Exit 143 (1ST Ave. N/NE 72nd

Monitor location

St.)

T0: Exit 155 (IA 117/Colfax)

PLAN 6117 3/7

CRITICAL AREAS TO MONITOR

LOCATION	EXIT	SITUATION	RESPONSE
Local Diversion - Primary			
I-80 EB Off Ramp to US 65 NB (Exit 142)	142	Traffic backing up onto interstate	Monitor location
US 65 NB in Bondurant (4 traffic signals)		Traffic backing up and significant delays due to four traffic signals	Notify local law enforcement
US 65 NB to IA 117 SB (2 stop signs)		Traffic backing up and significant delays due to two stop signs	Notify local law enforcement

Local Diversion - Secondary

Traffic returning to interstate

I-80 EB Off Ramp to US 65 NB (Exit 142)	143	Traffic merging onto interstate	Monitor location
US 65 NB in Bondurant (3 traffic signals)		Traffic backing up and significant delays due to three traffic signals	Notify local law enforcement
US 65 NB to 15th St EB		Traffic backing up and significant delays due to a traffic signal and/or stop sign	Notify local law enforcement
NE 70th Ave EB to NE 112th St SB		Traffic backing up and significant delays due to a traffic signal and/or stop sign	Notify local law enforcement
NE 112th St SB to I-80 EB On Ramp	149	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

POLK COUNTY IOWA

I-80 EASTBOUND

FROM: Exit 143 (1ST Ave. N/NE 72nd

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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 – Shoulder and One Lane Blocked	Deploy informational DMS messaging for approaching traffic

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 messaging for approaching traffic Deploy DMS messaging directing through traffic to use diversion routes Monitor local diversion routes at critical locations as needed
All Lanes Blocked	Full Diversion: On-scene traffic control Deploy DMS messaging directing all traffic to use diversion routes Deploy law enforcement to direct traffic at critical locations

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
DETOUR	DETOUR	LOCATIONS	PLAN	CONTACTS	MESSAGES	CONTROL
1/7	2/7	3/7	4/7	5/7	6/7	7/7

POLK COUNTY IOWA

I-80 EASTBOUND

FROM: Exit 143 (1ST Ave. N/NE 72nd

St.)

T0: Exit 155 (IA 117/Colfax)

PLAN 6117 5A/7

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 Iowa 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 lowa 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.

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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POLK COUNTY IOWA

I-80 EASTBOUND

FROM: Exit 143 (1 ST Ave. N/NE 72 nd

St.)

T0: Exit_155 (IA 117/Colfax)

PLAN 6117 5B/7

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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DMS MESSAGES

	Sign Location	Page 1	Page 2
	I-35/80 EB @ E of E 14th (SM)	I-80 E CLOSED EXIT 143	USE EX 143 US 65 N
\RY	I-35/80 EB @ Morningstar (SM)	I-80 E	USE
PRIMARY	I-35/80 EB @ S of Hickman (SM)	CLOSED EXIT 143	ALT ROUTE
	I-235 EB @ Euclid (OH)		
LOCAL	I-235 EB @ 31st St (OH)	I-80 E CLOSED AT EXIT 143	
	I-35 SB @ Corp Woods (OH)	USE ALT ROUTE	
	I-35 SB @ Elkhart (SM)	I-80 E CLOSED EXIT 143	USE ALT ROUTE

ARY	Sign Location	ocation Page 1	
LOCAL SECONDA	NO DMS M	ESSAGES AVAILAB	BLE

4	Sign Location	Page 2	
GLOBA	NO DMS M	ESSAGES AVAILAB	LE

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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PLAN 6117 7/7

TRAFFIC CONTROL

LOCATION	INITIAL ACTION/RESOURCE	EXTENDED ACTION/RESOURCE			
Local Diversion - Primary					
I-80 EB Off Ramp to US 65 NB (Exit 142)	Detour signing	Monitor location			
US 65 NB in Bondurant (4 traffic signals)	Detour signing	Manual traffic control (as needed/peak periods)			
US 65 NB to IA 117 SB (2 stop signs)	Detour signing	Manual traffic control (as needed/peak periods)			

Local Diversion - Secondary

Detour signing

I-80 EB Off Ramp to US 65 NB (Exit 142)	Detour signing	Monitor location	
US 65 NB in Bondurant (3 traffic signals)	Detour signing	Manual traffic control (as needed/peak periods)	
US 65 NB to 15th St EB	Detour signing	Manual traffic control (as needed/peak periods)	
NE 70th Ave EB to NE 112th St SB	Detour signing	Manual traffic control (as needed/peak periods)	
NE 112th St SB to I-80 EB On Ramp	Monitor location	Monitor location	

Global Diversion

NO TRAFFIC CONTROL AVAILABLE

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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