

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 3/7
------------------------------	-----------------------------	------------------------	--	--------------------------

CRITICAL AREAS TO MONITOR

LOCATION	EXIT	SITUATION	RESPONSE
-----------------	-------------	------------------	-----------------

Local Diversion - Primary

EB I-235 Off Ramp Exit 4	4	Traffic backing up on ramp	Deploy traffic control individual Adjust Signal Timing Use secondary route
IA 28/ 63rd St./ 1st St. & University Ave		Traffic backing up in left turn lane	Deploy traffic control individual Adjust Signal Timing Use secondary route
University Ave & 31st St.		Traffic backing up at intersection turning left	Deploy traffic control individual Adjust Signal Timing Use secondary route

Local Diversion - Secondary

NO CRITICAL AREAS TO MONITOR

Global Diversion

West Mix Master		System interchange	Provide appropriate message on upstream DMS
East Mix Master		System interchange	Provide appropriate message on upstream DMS

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

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 4/7
ALTERNATE ROUTE RESPONSE PLAN				

Minor Impact to Traffic (Less Than 30 Minutes)

Off Peak – Shoulder Blocked	Diversion not implemented: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Peak – Shoulder and One Lane Blocked	

Intermediate Impact to Traffic (30 Minutes to 2 Hours)

Peak Period – Shoulder Blocked	Diversion not implemented: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Period – Shoulder and One Lane Blocked	
Peak Period – Shoulder and One Lane Blocked	Partial Diversion: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Period – Shoulder and One Lane Blocked	
Peak Period – Shoulder and One Lane Blocked	Partial/Discretionary Diversion: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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 DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
---------------------------------	----------------------------------	---------------------------------------	----------------------------------	------------------------------------	---------------------------------	------------------------------------

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 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
<p>Coordinate with the incident commander as to whether a diversion route is needed, and which one should be implemented.</p> <ul style="list-style-type: none"> • Notify Iowa DOT statewide TMC 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. <p>Emergency Responders:</p> <ul style="list-style-type: none"> • 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
<p>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.</p> <ul style="list-style-type: none"> • 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
<p>Dispatch State Patrol.</p> <p><u>On-Scene Incident Commander:</u></p> <ul style="list-style-type: none"> • 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 vehicles are parked. • When the incident is safely cleared, notify the appropriate communications center that the diversion route is no longer needed. 	

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

Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 5B/7
ADDITIONAL CONTACT INFORMATION				

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

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

Iowa State Patrol Comm. Center	
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

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

Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 6/7
DMS MESSAGES ✓				

LOCAL PRIMARY	Sign Location	Page 1	Page 2
	I-80 EB @ 60th St - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 EB @ Ashworth Rd - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 EB @ MM 117.13 - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-35 NB @ Mills Civic - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-35 NB @ Cumming - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 WB @ S of Hickman - SM	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	IA 141 EB @ I-80 - SM	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	Applicable I-235 EB PDMS Messages	I-235 E AT EX 4 CLOSED	DETOUR EXIT 4 IA 28 N
	Applicable I-80 EB PDMS Messages	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	Applicable I-35 NB PDMS Messages	I-235 E AT EX 4 CLOSED	USE ALT ROUTE

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

Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 6/7
DMS MESSAGES ✓				

LOCAL SECONDARY	Sign Location	Page 1	Page 2
	I-80 EB @ 60th St - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 EB @ Ashworth Rd - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 EB @ MM 117.13 - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-35 NB @ Mills Civic - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-35 NB @ Cumming - OH	I-235 E CLOSED AT EXIT 4 USE ALT ROUTE	THRU TRAFFIC USE I-80/35 E
	I-80 WB @ S of Hickman - SM	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	IA 141 EB @ I-80 - SM	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	Applicable I-235 EB PDMS Messages	I-235 E AT EX 4 CLOSED	DETOUR EXIT 4 IA 28 S
	Applicable I-80 EB PDMS Messages	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	Applicable I-35 NB PDMS Messages	I-235 E AT EX 4 CLOSED	USE ALT ROUTE

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

Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 6/7
DMS MESSAGES ✓				

GLOBAL	Sign Location	Page 1	Page 2
	I-80 EB @ 60th St - OH	I-235 E CLOSED AT EXIT 4 USE I-80/35 E	
	I-80 EB @ Ashworth Rd - OH	I-235 E CLOSED AT EXIT 4 USE I-80/35 E	
	I-80 EB @ MM 117.13 - OH	I-235 E CLOSED AT EXIT 4 USE I-80/35 E	
	I-35 NB @ Mills Civic - OH	I-235 E CLOSED AT EXIT 4 USE I-80/35 E	
	I-35 NB @ Cumming - OH	I-235 E CLOSED AT EXIT 4 USE I-80/35 E	
	I-80 WB @ S of Hickman - SM	I-235 E AT EX 4 CLOSED	USE ALT ROUTE
	IA 141 EB @ I-80 - SM	I-235 E AT EX 4 CLOSED	DETOUR TO I-80/35E
	Applicable I-235 EB PDMS Messages	I-235 E AT EX 4 CLOSED	DETOUR EXIT 4 IA 28 N
	Applicable I-80 EB PDMS Messages	I-235 E AT EX 4 CLOSED	DETOUR TO I-80/35E
	Applicable I-35 NB PDMS Messages	I-235 E AT EX 4 CLOSED	DETOUR TO I-80/35E

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

Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 6/7
DMS MESSAGES ✓				

Primary	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
	Des Moines PD	515-283-4811
	Westcom	515-222-3321
Secondary	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
	Des Moines PD	515-283-4811
	Westcom	515-222-3321
	Iowa Interstate Railroad	800-321-3891
Global	Des Moines State Radio	515-323-4360
	Polk County	515-286-3333
	Des Moines PD	515-283-4811
	Westcom	515-222-3321

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

FREEWAY DIVERSION	POLK COUNTY IOWA	I-235 Eastbound	FROM: Exit 5A (56th Street) TO: Exit 5B (42nd Street)	PLAN 6311 7/7
TRAFFIC CONTROL				

LOCATION	INITIAL ACTION/RESOURCE	EXTENDED ACTION/RESOURCE
-----------------	--------------------------------	---------------------------------

Local Diversion - Primary

EB I-235 Off Ramp Exit 4	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
IA 28/ 63rd St./ 1st St. & University Ave	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
University Ave Between IA 28/ 63rd St./ 1st St. & 31st St.	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
University Ave & 31st St.	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed

Local Diversion - Secondary

EB I-235 Off Ramp Exit 4	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
IA 28/ 63rd St./ 1st St. & Grand Ave	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
Grand Ave Between IA 28/ 63rd St./ 1st St. & 31st St.	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed
Grand Ave. & 31st St.	Law enforcement traffic control as needed	Install Temporary Diversion Trailblazing Signage as Needed

Global Diversion

West Mix Master	Monitor location	Detour signing
East Mix Master	Monitor location	Detour signing

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