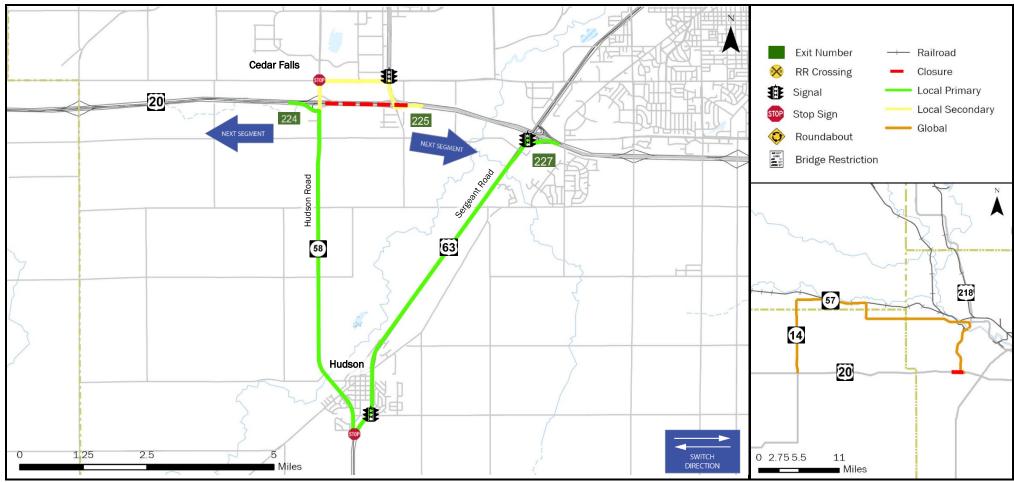
WATERLOO COUNTY PLAN 3503 FREEWAY FROM: TO: **US 20 EASTBOUND** Exit 224 (IA 58/Hudson Rd) Exit 225 (IA 58) **IOWA** 1/7 **DIVERSION**



CRITICAL LOCATIONS TO MONITOR FOR LOCAL PRIMARY	AGENCIES TO NOTIFY	lowa DOT TM	1C: 515-237-3300
US 20 EB Off Ramp to IA 58/Hudson Rd	Black Hawk County Emergency Co	Center	319-291-2515
SB IA 58/Hudson Rd SB to US 63/Sergeant Rd NB	Iowa DOT Statewide TMC		515-237-3300
US 63/Sergeant Rd NB at Hudson (1 Traffic Signal)	Iowa State Patrol Communication		800-525-5555
US 63/Sergeant Rd NB to US 20 EB	Buchanan County Emergency Con		319-334-2597

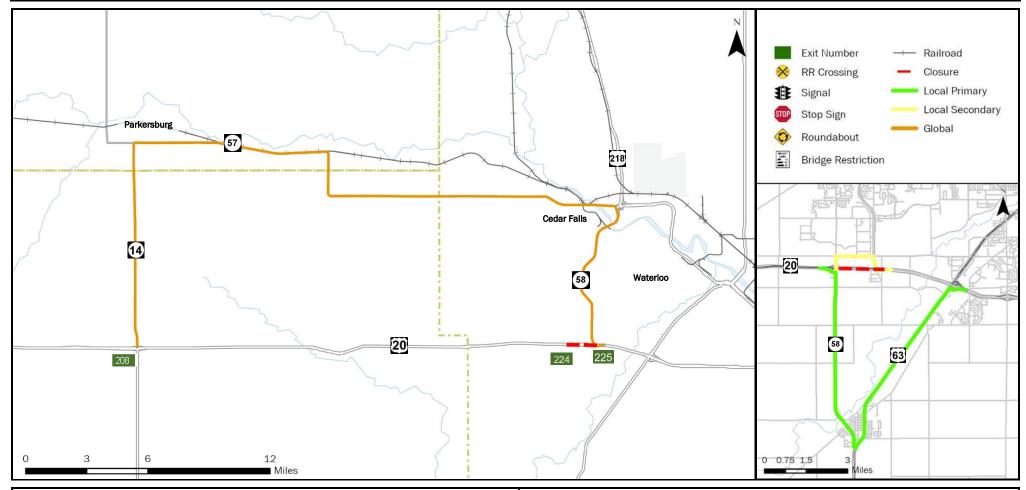
	LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
	DETOUR	DETOUR	LOCATIONS	PLAN	CONTACTS	MESSAGES	CONTROL
	1/7	2/7	3/7	4/7	5/7	6/7	7/7
Ī	owa DOT TMC: 515-2	237-3300 EN	SURE ALL OVERWEIGH	IT AND OVERSIZE VEH	IICLES ARE PARKED S	SAFELY Last	update: 6/13/2023

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd) **T0:** Exit 225 (IA 58)

PLAN 3503 2/7



CRITICAL LOCATIONS TO MONITOR FOR GLOBAL		AGENCIES TO NOTIFY	Iowa DOT	TMC: 515-237-3300
IA 57 EB at Cedar Falls (4 traffic signals, 1 railroad crossing IA 58 SB at Greenhill Road	IA 14 NB to IA 57 EB .) IA 58 SB at Viking Road IA 58 SB to US 20 EB	Black Hawk County Emergency Communications DOT Statewide TMC Iowa State Patrol Communication Center Buchanan County Emergency Communication		319-291-2515 515-237-3300 800-525-5555 319-334-2597

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

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 3/7

CRITICAL AREAS TO MONITOR

LOCATION EXIT SITUATION RESPONSE

Local Diversion - Primary

US 20 EB Off Ramp to IA 58 SB	224	Traffic backing up onto interstate	Provide appropriate message on upstream DMS
IA 58 SB to US 63 NB		Traffic backing up and significant delays due to stop sign	Notify local law enforcement
US 63 NB at Hudson		Traffic backing up and significant delays due to traffic signal	Notify local law enforcement
US 63 NB to US 20 EB	227	Traffic backing up and significant delays due to traffic signal	Notify local law enforcement

Local Diversion - Secondary

US 20 EB Off Ramp to IA 58/Hudson Rd NB	224	Traffic backing up onto interstate	Provide appropriate message on upstream DMS
D19/W. Ridgeway Ave to IA 58/Hudson Rd SB		Traffic backing up and significant delays due to traffic signal	Notify local law enforcement
IA 58/Hudson Rd SB to US 20 EB	225	Traffic returning to interstate	Monitor Location

Global Diversion

US 20 EB Off Ramp to IA 14 NB	208	Traffic backing up onto interstate	Provide appropriate message on upstream DMS
IA 14 NB to IA 57 EB		Traffic backing up and significant delays due to stop sign	Notify local law enforcement
IA 57 EB at Cedar Falls (4 traffic signals, 1 railroad crossing)		Traffic backing up and significant delays due to traffic signals	Notify local law enforcement
IA 58 SB at Greenhill Road		Traffic backing up and significant delays due to traffic signals	Notify local law enforcement
IA 58 SB at Viking Road		Traffic backing up and significant delays due to traffic signals	Notify local law enforcement
IA 58 SB at Ridgeway Avenue		Traffic backing up and significant delays due to traffic signals	Notify local law enforcement
IA 58 SB to US 20 EB	225	Traffic returning to interstate	Monitor Location

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

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 4/7

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 messaging for approaching traffic Deploy DMS messaging directing through traffic to use global diversion 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 global diversion 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

WATERLOO
COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 5A/7

CRITICAL CONTACTS

lowa State Patrol Comm. Center 800-525-5555 Buchanan County
Emergency Communications
Center
319-334-2597

Black Hawk County Emergency Communications Center 319-291-2515

lowa DOT Statewide TMC 515-237-3300

RESPONSIBILITIES

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 vehicles are parked.
- When the incident is safely cleared, notify the appropriate communications center that the diversion route is no longer needed.

Buchanan County Emergency Communications Center

319-334-2597

Inform emergency responders and local municipalities that a diversion route is being implemented.

- Monitor critical locations.
- Provide manual traffic control as needed, or as directed by E911 at critical locations.
- Notify Iowa DOT statewide TMC of any issues along the implemented diversion route.
- Coordinate with Iowa DOT statewide TMC regarding any maintenance or traffic control needs.

Black Hawk County Emergency Communications Center

319-291-2515

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

- Notify lowa 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. 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.

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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1/7	2/7	3/7	4/7	5/7	6/7	7/7

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 5B/7

ADDITIONAL CONTACT INFORMATION

Iowa State Patrol Comm. Center					
Iowa State Patrol - District 9 Iowa	319-266-2677				
State Patrol - District 10	319-283-5521				

Buchanan County Emergency Communications Center					
Grundy County Emergency Com.	319-824-6933				
Center Fayette County Emergency	563-422-6128				
Mgmt Tama County Emergency Mgmt	641-484-3760				
Butler County Emergency Mgmt	319-267-9968				
Benton County Emergency Mgmt	319-472-2337				
Bremer County Emergency Mgmt	319-352-0133				

Black Hawk County Emergency Communications Center				
Black Hawk County Sheriff Black	319-291-2587			
Hawk County Emergency Mgmt	319-242-1074			
Hudson Police Department	319-988-4405			

Iowa DOT Statewide TMC						
Iowa DOT Statewide TMC (Toll Free)	888-449-9672					
Iowa DOT Maint. Garage – Waterloo	319-233-3055					
Iowa DOT Motor Vehicle	319-464-7197					
Enforcement Cedar River Railroad Co.	800-995-7908					
Iowa Northern Railroad Co.	800-392-3342					
Chicago Central, & Pacific Railroad	800-995-7908					

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

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 6/7

DMS MESSAGES

_ ≿	Sign Location	Page 1	Page 2
LOCAL	US 20 EB @ Union (OH)	ROAD CLOSED AHEAD DETOUR TO IA 58 S	ROAD CLOSED AHEAD PREPARE TO STOP

Κ	Sign Location	Page 1	Page 2
LOCAL	NO D	MS AVAILABLE	

AL	Sign Location	Page 1	Page 2
GLOB	NO D	MS 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

WATERLOO COUNTY IOWA

US 20 EASTBOUND

FROM: Exit 224 (IA 58/Hudson Rd)

T0: Exit 225 (IA 58)

PLAN 3503 7/7

TRAFFIC CONTROL

	LOCATION	INITIAL ACTION/ RESOURCE	EXTENDED ACTION/ RESOURCE
•		Local Diversion - Primary	
	US 20 EB Off Ramp to IA 58 SB	Detour signing	Monitor Location
	IA 58 SB to US 63 NB	Detour signing	Monitor Location
	US 63 NB at Hudson	Detour signing	Monitor Location
	US 63 NB to US 20 EB	Detour signing	Monitor Location

Local Diversion - Secondary

US 20 EB Off Ramp to IA 58/Hudson Rd NB	Detour signing	Monitor Location
D19/W. Ridgeway Ave to IA 58/Hudson Rd SB	Detour signing	Monitor Location
IA 58/Hudson Rd SB to US 20 EB	Detour signing	Monitor Location

Global Diversion

US 20 EB Off Ramp to IA 14 NB	Detour signing	Monitor Location	
IA 14 NB to IA 57 EB	Detour signing	Monitor Location	
IA 57 EB at Cedar Falls (4 traffic signals, 1 railroad crossing)	Detour signing	Monitor Location	
IA 58 SB at Greenhill Road	Detour signing	Monitor Location	
IA 58 SB at Viking Road	Detour signing	Monitor Location	
IA 58 SB at Ridgeway Avenue	Detour signing	Monitor Location	
IA 58 SB to US 20 EB	Detour signing	Monitor Location	

LOCAL	GLOBAL	CRITICAL	RESPONSE	AGENCY	DMS	TRAFFIC
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1/7	2/7	3/7	4/7	5/7	6/7	7/7