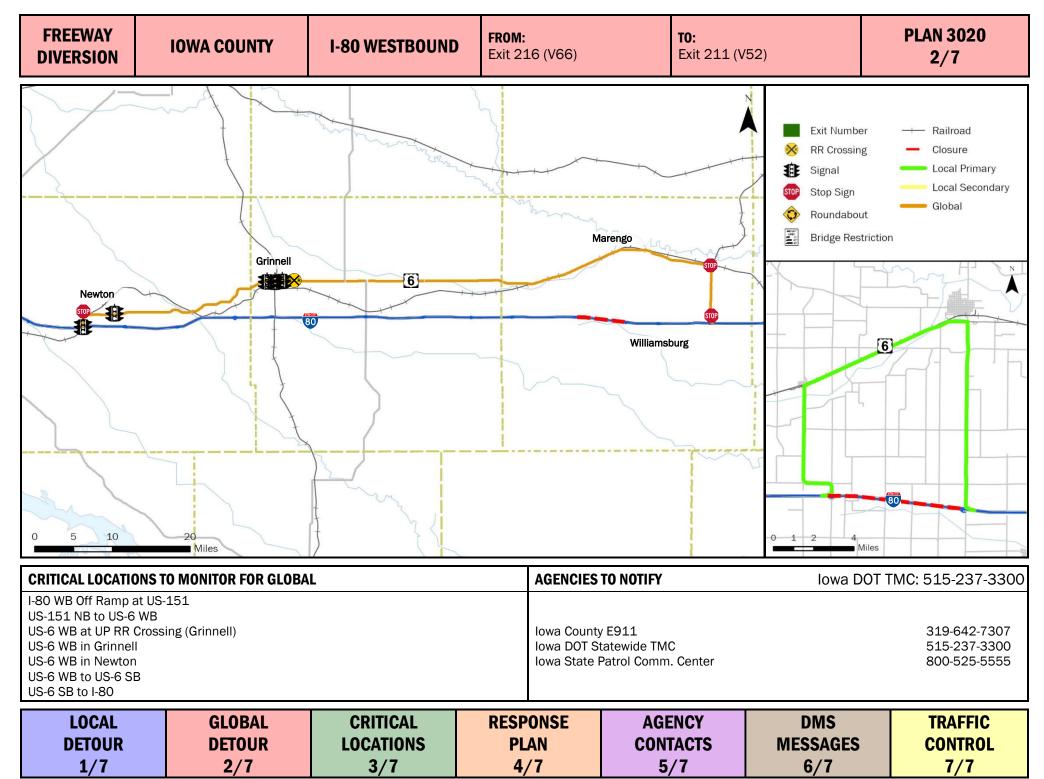


Last update: 11/8/2024



Iowa DOT TMC: 515-237-3300

 FREEWAY DIVERSION
 IOWA COUNTY
 I-80 WESTBOUND
 FROM: Exit 216 (V66) T0: Exit 211 (V52)
 PLAN 3020 3/7

 CRITICAL AREAS TO MONITOR

|   | LOCATION                  | EXIT | SITUATION                           | RESPONSE                                    |  |  |
|---|---------------------------|------|-------------------------------------|---|--|--|
| ļ | Local Diversion - Primary |      |                                     |   |  |  |
|   | I-80 WB Off Ramp at V66   | 216  | Traffic backing up onto interstate  | Provide appropriate message on upstream DMS |  |  |
|   | V66 NB to US-6 WB         |      | Traffic backing up due to stop sign | Notify local law enforcement                |  |  |
|   | V52 SB to I-80            | 211  | Traffic returning to interstate     | Monitor location                            |  |  |

## **Local Diversion - Secondary**

## NO LOCAL SECONDARY AVAILABLE

#### **Global Diversion**

| I-80 WB Off Ramp at US-<br>151          | 225 | Traffic backing up onto interstate                              | Provide appropriate message on upstream DMS          |
|---|-----|---|--|
| US-151 NB to US-6 WB                    |     | Traffic backing up due to stop sign                             | Monitor location                                     |
| US-6 WB at UP RR<br>Crossing (Grinnell) |     | Train blocking the crossing (Flashers)                          | Contact UP Railroad and notify local law enforcement |
| US-6 WB in Grinnell                     |     | Traffic backing up due to signalized intersections (3 signals)  | Confirm town of Grinnell has been notified           |
| US-6 WB in Newton                       |     | Traffic backing up due to signalized intersections (14 signals) | Confirm town of Newton has been notified             |
| US-6 WB to US-6 SB                      |     | Traffic backing up due to stop sign                             | Monitor location                                     |
| US-6 SB to I-80                         | 164 | 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     |

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

 FREEWAY DIVERSION
 IOWA COUNTY
 I-80 WESTBOUND
 FROM: Exit 216 (V66) T0: Exit 211 (V52)
 PLAN 3020 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 –<br>Shoulder and One Lane Blocked | Deploy informational DMS messaging for approaching traffic             |
| Peak Period -                                 | Partial Diversion:   |
| Shoulder and One Lane Blocked                 | 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 –<br>Shoulder Blocked              | Diversion not implemented:  • On-scene traffic control  |
|--|---|
| Off Period –<br>Shoulder and One Lane Blocked  | Deploy informational DMS messaging for approaching traffic  |
| Peak Period –<br>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     |

| FREEWAY<br>DIVERSION | IOWA COUNTY                 | I-80 WESTBOUND             | FROM: Exit 216  TO: Exit 211 (V | ` ,                             | PLAN 3020<br>5A/7 |
|----------------------|-----------------------------|----------------------------|---------------------------------|---------------------------------|-------------------|
|                      |                             | CRITICAL CO                | NTACTS                          |                                 |                   |
|                      | a County E911<br>9-642-7307 | lowa DOT State<br>515-237- |                                 | lowa State Patrol (<br>800-525- |                   |

#### **RESPONSIBILITIES**

lowa County E911 319-642-7307

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.

#### 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.

| 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     |

FREEWAY DIVERSION

### **IOWA COUNTY**

## I-80 WESTBOUND

**FROM:** Exit 216 (V66)

**T0:** Exit 211 (V52)

PLAN 3020 5B/7

### **ADDITIONAL CONTACT INFORMATION**

| Iowa County E912               | L            |
|--------------------------------|--------------|
| Iowa County Sheriff            | 319-642-7307 |
| Iowa County Emergency Mgmt.    | 319-642-3151 |
| Iowa County Secondary Roads    | 319-642-3721 |
| Marengo Police Department      | 319-642-3722 |
| Williamsburg Police Department | 319-668-9277 |
| Williamsburg Fire Department   | 319-668-1616 |

| Iowa State Patrol Comm. Center  |              |  |  |
|---------------------------------|--------------|--|--|
| Iowa State Patrol - District 11 | 319-396-1944 |  |  |

| Iowa DOT Statewide TMC                   |              |  |  |  |  |
|--|--------------|--|--|--|--|
| Iowa DOT Statewide TMC (Toll Free)       | 888-449-9672 |  |  |  |  |
| Iowa DOT Maint. Garage –<br>Williamsburg | 319-668-2397 |  |  |  |  |
| Union Pacific Railroad                   | 888-877-7267 |  |  |  |  |

| 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     |

FREEWAY DIVERSION

**IOWA COUNTY** 

**I-80 WESTBOUND** 

**FROM:** Exit 216 (V66)

**T0:** Exit 211 (V52)

PLAN 3020 6/7

#### DMS MESSAGES

|        | Sign Location                      | Page 1               | Page 2             |
|--------|------------------------------------|----------------------|--------------------|
| •      | I-80 WB @ US 6 - SM                | I-80W AT<br>EXIT 216 | DETOUR<br>EXIT 216 |
|        |                                    | CLOSED               | V66 N              |
|        |                                    | I-80 W CLOSED        |                    |
|        | I-80 WB @ 12th Ave-OH              | AT EXIT 216          |                    |
|        |                                    | USE EXIT 216/V66 N   |                    |
|        |                                    | I-80 W CLOSED        |                    |
|        | US 218 NB @ Melrose - OH           | AT EXIT 216          |                    |
| !<br>! |                                    | USE ALT ROUTE        |                    |
|        |                                    | I-80 W CLOSED        |                    |
|        | I-380 SB @ Forevergreen - OH       | AT EXIT 216          |                    |
| ĺ      |                                    | USE ALT ROUTE        |                    |
|        |                                    | I-80W AT             | DETOUR             |
|        | Applicable On Route PDMS Messages  | EXIT 216             | EXIT 216           |
|        |                                    | CLOSED               | V66 N              |
|        |                                    | I-80W AT             | USE                |
|        | Applicable Off Route PDMS Messages | EXIT 216             | ALT                |
|        |                                    | CLOSED               | ROUTE              |

LOCAL SECONDARY

**LOCAL PRIMARY** 

Sign Location Page 1 Page 2

# NO LOCAL SECONDARY 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     |

FREEWAY DIVERSION

### **IOWA COUNTY**

## I-80 WESTBOUND

**FROM:** Exit 216 (V66)

**T0:** Exit 211 (V52)

PLAN 3020 6/7

#### DMS MESSAGES

|          | Sign Location                            | Page 1              | Page 2   |
|----------|--|---------------------|----------|
|          |  | I-80W AT            | DETOUR   |
|          | I-80 WB @ US 6 - SM                      | EXIT 216            | EXIT 225 |
|          |  | CLOSED              | US 151 N |
|          |  | I-80 W CLOSED       |          |
|          | I-80 WB @ 12th Ave - OH                  | AT EXIT 216         |          |
|          |  | USE EX 225/US 151 N |          |
|          |  | I-80 W CLOSED       |          |
|          | US 218 NB @ Melrose - OH                 | AT EXIT 216         |          |
|          |  | USE ALT ROUTE       |          |
|          |  | I-80 W CLOSED       |          |
| 7        | US 218 NB @ Riverside - OH               | AT EXIT 216         |          |
| BA       |  | USE ALT ROUTE       |          |
| GLOBAL   |  | I-80 W CLOSED       |          |
| <u> </u> | I-380 SB @ Forevergreen - OH             | AT EXIT 216         |          |
|          |  | USE ALT ROUTE       |          |
|          |  | I-80 W CLOSED       |          |
|          | I-380 SB @ Swan lake - OH                | AT EXIT 216         |          |
|          |  | USE ALT ROUTE       |          |
|          | Applicable On Route PDMS Messages Before | I-80W AT            | DETOUR   |
|          | Global Detour                            | EXIT 216            | EXIT 225 |
|          |  | CLOSED              | US 151 N |
|          | Applicable On Route PDMS Messages Past   | I-80W AT            | DETOUR   |
|          | Global Detour                            | EXIT 216            | EXIT 216 |
|          |  | CLOSED              | V66 N    |
|          |  | I-80W AT            | USE      |
|          | Applicable Off Route PDMS Messages       | EXIT 216            | ALT      |
|          |  | CLOSED              | ROUTE    |

| Primary   | Cedar Rapids State Radio | 319-396-4414 |
|-----------|--------------------------|--------------|
|           | Iowa County              | 319-642-7307 |
| Secondary |                          |              |
| Global    | Des Moines State Radio   | 515-323-4360 |
|           | Cedar Rapids State Radio | 319-396-4414 |
|           | Iowa County              | 319-642-7307 |
|           | Poweshiek County         | 641-623-5679 |
|           | Jasper County            | 641-792-5912 |
|           | Iowa Interstate Railroad | 800-321-3891 |
|           | Union Pacific Railroad   | 888-877-7267 |

| 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     |

| FREEWAY DIVERSION | IOWA COUNTY | I-80 WESTBOUND | FROM: Exit 216 (V66)  T0: Exit 211 (V52) | PLAN 3020<br>7/7 |  |  |  |
|-------------------|-------------|----------------|--|------------------|--|--|--|
| TRAFFIC CONTROL   |             |                |  |                  |  |  |  |

| LOCATION                | INITIAL ACTION/RESOURCE   | EXTENDED ACTION/RESOURCE |
|-------------------------|---------------------------|--------------------------|
|                         | Local Diversion - Primary | 1                        |
| I-80 WB Off Ramp at V66 | Monitor location          | Detour signing           |
| V66 NB to US-6 WB       | Monitor location          | Detour signing           |
| V52 SB to I-80          | Monitor location          | Detour signing           |

## **Local Diversion - Secondary**

## NO LOCAL SECONDARY AVAILABLE

#### **Global Diversion**

| I-80 WB Off Ramp at US-151              | Monitor location  | Detour signing   |
|---|---|--|
| US-151 NB to US-6 WB                    | Monitor location  | Detour signing   |
| US-6 WB at UP RR Crossing<br>(Grinnell) | Monitor location Coordinate with local law enforcement as necessary | Coordinate with UP Railroad and local law enforcement as necessary   |
| US-6 WB in Grinnell                     | Monitor location  | Adjust signal timing Manual traffic control (as needed/peak periods) |
| US-6 WB in Newton                       | Monitor location  | Adjust signal timing Manual traffic control (as needed/peak periods) |
| US-6 WB to US-6 SB                      | Monitor location  | Detour signing   |
| US-6 SB to I-80                         | Monitor location  | Detour signing   |

| 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     |

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