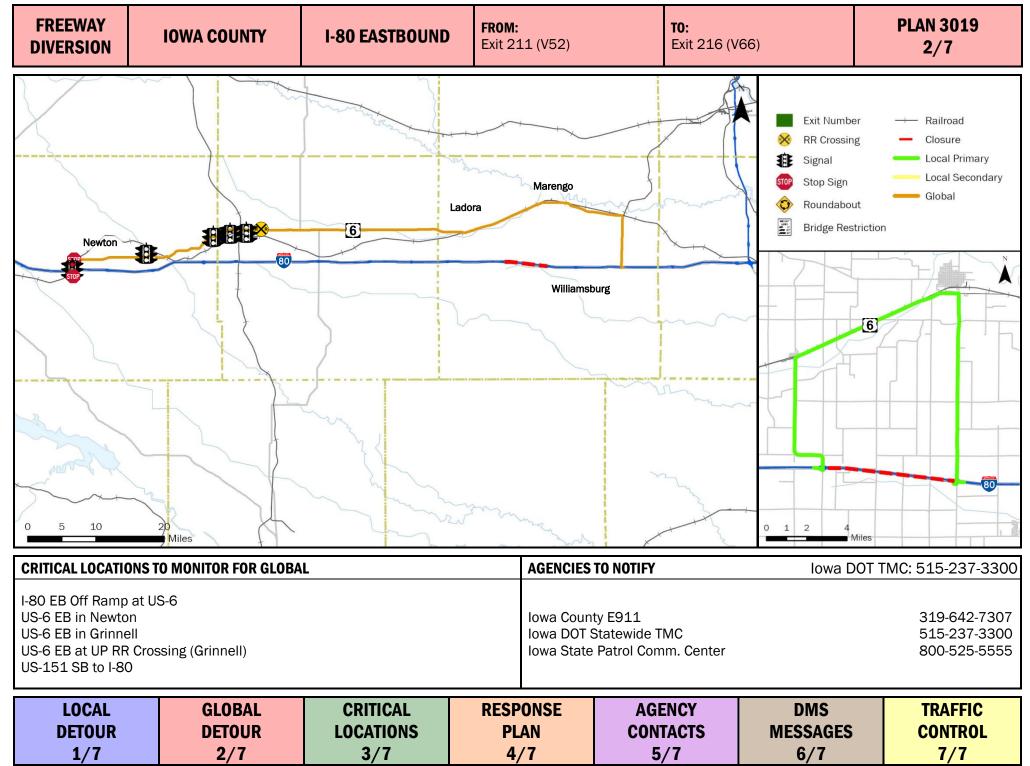


Last update: 11/8/2024



Iowa DOT TMC: 515-237-3300

 FREEWAY DIVERSION
 IOWA COUNTY
 I-80 EASTBOUND
 FROM: Exit 211 (V52)
 PLAN 3019

 T0: Exit 216 (V66)
 3/7

#### **CRITICAL AREAS TO MONITOR**

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

# **Local Diversion - Secondary**

# NO LOCAL SECONDARY AVAILABLE

#### **Global Diversion**

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

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

 FREEWAY DIVERSION
 IOWA COUNTY
 I-80 EASTBOUND
 FROM: Exit 211 (V52) TO: Exit 216 (V66)
 PLAN 3019 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 –<br>Shoulder and One Lane Blocked | Deploy informational DMS messaging for approaching traffic |

## **Intermediate Impact to Traffic (30 Minutes to 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 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                              | <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 –<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 DIVERSION | IOWA COUNTY | I-80 EASTBOUND | <b>FROM:</b> Exit 211 (V52) <b>T0:</b> Exit 216 (V66) | PLAN 3019<br>5A/7 |  |
|-------------------|-------------|----------------|---|-------------------|--|
| CRITICAL CONTACTS |             |                |   |                   |  |

**lowa County E911** 319-642-7307

lowa DOT Statewide TMC 515-237-3300

lowa State Patrol Comm. Center 800-525-5555

#### **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     |

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

FREEWAY DIVERSION

### **IOWA COUNTY**

### **I-80 EASTBOUND**

**FROM:** Exit 211 (V52)

**T0:** Exit 216 (V66)

PLAN 3019 5B/7

# **ADDITIONAL CONTACT INFORMATION**

| Iowa County E911               |              |
|--------------------------------|--------------|
| 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 –           | 319-668-2397 |  |  |  |  |  |
| Williamsburg                       |              |  |  |  |  |  |
| 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 EASTBOUND** 

FROM: Exit 211 (V52)

**T0:** Exit 216 (V66)

PLAN 3019 6/7

#### DMS MESSAGES V

|          | Sign Location                      | Page 1   | Page 2                      |
|----------|------------------------------------|--|-----------------------------|
|          | I-80 EB @ Newton MM 165.3 - SM     | I-80E AT<br>EXIT 211<br>CLOSED                   | DETOUR<br>EXIT 211<br>V52 N |
| PRIMARY  | I-80 EB @ Newton MM 163 - OH       | I-80 E CLOSED<br>AT EXIT 211<br>USE EX 211/V52 N |                             |
| LOCAL PR | I-80 EB @ MM 139.9 - OH            | I-80 E CLOSED<br>AT EXIT 211<br>USE EX 211/V52 N |                             |
| C        | Applicable On Route PDMS Messages  | I-80E AT<br>EXIT 211<br>CLOSED                   | DETOUR<br>EXIT 211<br>V52 N |
|          | Applicable Off Route PDMS Messages | I-80E AT<br>EXIT 211<br>CLOSED                   | USE<br>ALT<br>ROUTE         |

LOCAL SECONDARY Sign Location Page 1 Page 2

# NO LOCAL SECONDARY AVAILABLE

FREEWAY DIVERSION

**IOWA COUNTY** 

## I-80 EASTBOUND

**FROM:** Exit 211 (V52)

**T0:** Exit 216 (V66)

PLAN 3019 6/7

## DMS MESSAGES V

|        | Sign Location   | Page 1  | Page 2                       |
|--------|---|---|------------------------------|
|        | I-80 EB @ Newton MM 165.3 - SM                          | I-80E AT<br>EXIT 211<br>CLOSED                      | DETOUR<br>EXIT 211<br>V52 N  |
| _      | I-80 EB @ Newton MM 163 - OH                            | I-80 E CLOSED<br>AT EXIT 211<br>USE EXIT 164/US 6 E |                              |
| GLOBAL | I-80 EB @ MM 139.9 - OH                                 | I-80 E CLOSED<br>AT EXIT 211<br>USE EXIT 164/US 6 E |                              |
| 5      | Applicable On Route PDMS Messages Before Global Detour  | I-80E AT<br>EXIT 211<br>CLOSED                      | DETOUR<br>EXIT 164<br>US 6 E |
|        | Applicable On Route PDMS Messages Past<br>Global Detour | I-80E AT<br>EXIT 211<br>CLOSED                      | DETOUR<br>EXIT 211<br>V52 N  |
|        | Applicable Off Route PDMS Messages                      | I-80E AT<br>EXIT 211<br>CLOSED                      | USE<br>ALT<br>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 EASTBOUND
 FROM: Exit 211 (V52)
 PLAN 3019

 TRAFFIC CONTROL

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

### **Local Diversion - Secondary**

# NO LOCAL SECONDARY AVAILABLE

#### **Global Diversion**

| I-80 EB Off Ramp at US-6                | I-80 EB Off Ramp at US-6 Monitor location                           |  |  |
|---|---|--|--|
| US-6 EB in Newton                       | Monitor location  | Adjust signal timing Manual traffic control (as needed/peak periods)       |  |
| US-6 EB in Grinnell                     | Monitor location  | Adjust signal timing<br>Manual traffic control (as needed/peak<br>periods) |  |
| US-6 EB 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-151 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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