FREEWAY POLK COUNTY
DIVERSION IOWA

**I-235 EASTBOUND** 

FROM: Exit 2 (22nd Street) **T0:** Exit 3 (73rd St/8th St)

PLAN 6305 1/7

Last update: 12/3/2024

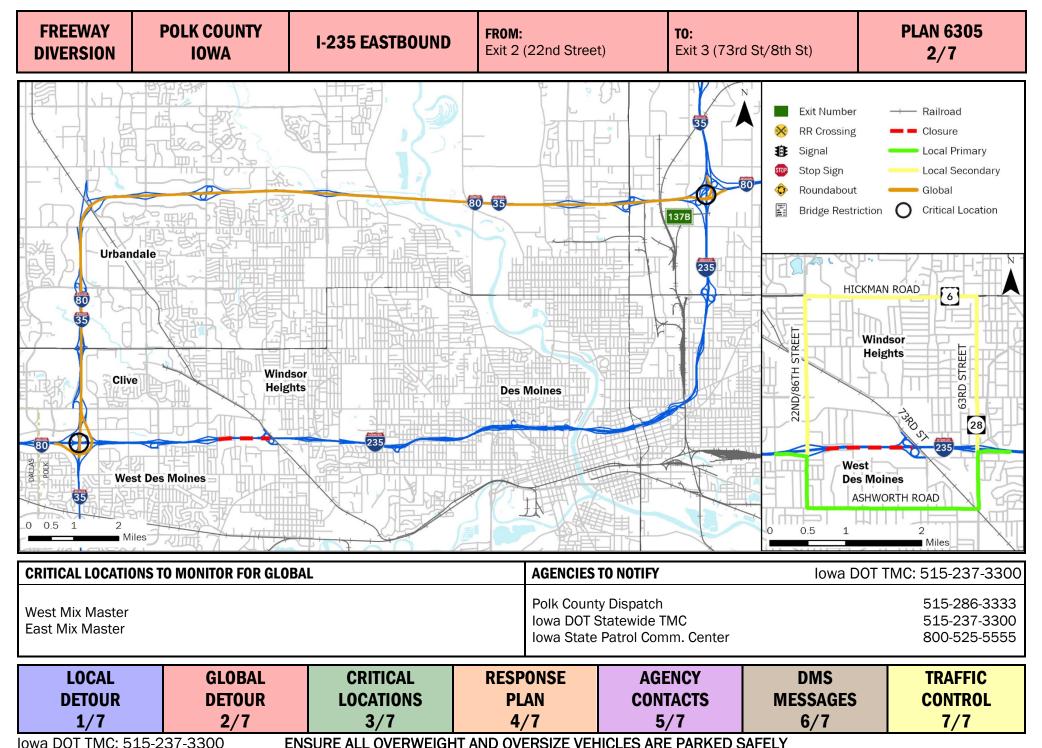


| CRITICAL LOCATIONS TO MONITOR FOR LOCAL PRIMARY   | AGENCIES TO NOTIFY   | lowa DOT TMC: 515-237-3300                   |
|---|--|--|
| EB I-235 Off Ramp (Exit 2) 22nd St. & Ashworth Rd Ashworth Rd & 8th St. Ashworth Rd. & IA 28/63rd St./1st St. | Polk County Dispatch<br>Iowa DOT Statewide TMC<br>Iowa State Patrol Comm. Center | 515-286-3333<br>515-237-3300<br>800-525-5555 |

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

lowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY



Ashworth Rd. & IA 28/

63rd St./1st St.

POLK COUNTY IOWA

**I-235 EASTBOUND** 

**FROM:** Exit 2 (22nd Street) **T0:** Exit 3 (73rd St/8th St)

Deploy traffic control individual

Adjust Signal Timing

Use secondary route

PLAN 6305 3/7

### **CRITICAL AREAS TO MONITOR**

| LOCATION                  | EXIT | SITUATION                                       | RESPONSE   |  |  |  |  |  |
|---------------------------|------|---|--|--|--|--|--|--|
| Local Diversion - Primary |      |   |  |  |  |  |  |  |
| EB I-235 Off Ramp         | 2    | Traffic backing up on ramp                      | Deploy traffic control individual<br>Adjust Signal Timing<br>Use secondary route |  |  |  |  |  |
| 22nd St. & Ashworth Rd    |      | Traffic backing up in left turn lane            | Deploy traffic control individual<br>Adjust Signal Timing<br>Use secondary route |  |  |  |  |  |
| Ashworth Rd & 8th St.     |      | Traffic backing up at intersection turning left | Deploy traffic control individual Adjust Signal Timing Use secondary route       |  |  |  |  |  |

# **Local Diversion - Secondary**

Traffic backing up at intersection

turning right

# 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  | 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-235 EASTBOUND

**FROM:** Exit 2 (22nd Street) **T0:** Exit 3 (73rd St/8th St)

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

# **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 | <ul> <li>Partial Diversion:</li> <li>On-scene traffic control</li> <li>Deploy informational DMS messaging for approaching traffic</li> <li>Deploy DMS messaging directing through traffic to use diversion routes</li> <li>Monitor local diversion routes at critical locations as needed</li> </ul> |
| 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 -                                 | Partial/Discretionary Diversion:   |
| Shoulder and One Lane Blocked                 | 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-235 EASTBOUND** 

**FROM:** Exit 2 (22nd Street) **T0:** Exit 3 (73rd St/8th St)

PLAN 6305 5A/7

### **CRITICAL CONTACTS**

Polk County Dispatch 515-286-3333 lowa DOT Statewide TMC 515-237-3300

lowa 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 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.

#### lowa 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     |

POLK COUNTY IOWA

**I-235 EASTBOUND** 

FROM: Exit 2 (22nd Street)
T0: Exit 3 (73rd St/8th St)

PLAN 6305 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 GLOBAL CRITICAL RESPONSE AGENCY DMS TRAFFIC **DETOUR DETOUR LOCATIONS PLAN** CONTACTS **MESSAGES** CONTROL 4/7 1/7 2/7 3/7 5/7 6/7 7/7

POLK COUNTY IOWA

**I-235 EASTBOUND** 

FROM: Exit 2 (22nd Street)
T0: Exit 3 (73rd St/8th St)

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# **DMS MESSAGES**

|           | Sign Location   | Page 1   | Page 2                                     |  |
|-----------|---|--|--|--|
|           | I-235 EB @ 42nd St WDM (SM)   | ROAD<br>CLOSED<br>AT 22ND ST                     | ALL<br>TRAFFIC<br>MUST EXIT                |  |
| 4RY       | I-80 EB @ 60th St (SM)  | ROAD<br>CLOSED<br>AT 22ND ST                     | USE<br>I-80<br>EAST                        |  |
| - PRIMARY | I-235 CLOSEI I-80 EB @ Jordan Creek (OH)  AT 22ND ST USE 80E TO EXT |  |  |  |
| LOCAL     | I-35 NB @ Mills Civic (OH)  | I-235 EAST CLOSED<br>AT<br>22ND ST               | DETOUR<br>80E/35N TO EXT 137<br>I-235 WEST |  |
|           | I-35 NB @ Cumming (OH)  | I-235 EAST CLOSED<br>AT 22ND ST<br>USE ALT ROUTE |  |  |
|           | I-80/35 WB @ S of Hickman   | I-235E<br>CLOSED<br>AT 22ND ST                   | USE<br>ALT<br>ROUTE                        |  |

| ARY   | Sign Location | Page 1       | Page 2 |
|-------|---------------|--------------|--------|
| LOCAL | NO DI         | MS AVAILABLE |        |

| BAL  | Sign Location | Page 1              | Page 2 |
|------|---------------|---------------------|--------|
| GLOI | NO DI         | <b>IS AVAILABLE</b> |        |

| 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-235 EASTBOUND

FROM: Exit 2 (22nd Street)
T0: Exit 3 (73rd St/8th St)

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# **TRAFFIC CONTROL**

| LOCATION  | INITIAL ACTION/RESOURCE                   | EXTENDED ACTION/RESOURCE                                      |  |  |  |  |
|---|---|---|--|--|--|--|
| Local Diversion - Primary                               |   |   |  |  |  |  |
| EB I-235 Off Ramp<br>Exit 2                             | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |  |  |  |  |
| 22nd St. & Ashworth Rd                                  | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |  |  |  |  |
| Ashworth Road Between 22nd St. & IA 28/63rd St./1st St. | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |  |  |  |  |
| Ashworth Rd & 8th St.                                   | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |  |  |  |  |
| Ashworth Rd. & IA 28/63rd<br>St./1st St.                | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |  |  |  |  |

# **Local Diversion - Secondary**

| EB I-235 Off Ramp<br>Exit 2  | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
|--|---|---|
| 86th St. Between I-235 & US<br>6/Hickman Rd.   | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| 86th St. & University Ave.   | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| 86th St. & University Blvd.  | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| 86th St. & US 6/Hickman Rd.  | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| US 6/Hickman Rd. Between 86th St. & IA 28/63rd St./1st St.                           | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |
| US 6/Hickman Rd. & IA 28/63rd St./1st St.  Law enforcement traffic control as needed |   | Install Temporary Diversion Trailblazing Signage as Needed    |
| IA 28/63rd St./1st St. Between US 6/Hickman Rd. & I-235                              | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| IA 28/ 63rd St./1st St. &<br>University Ave.   | 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  | 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     |