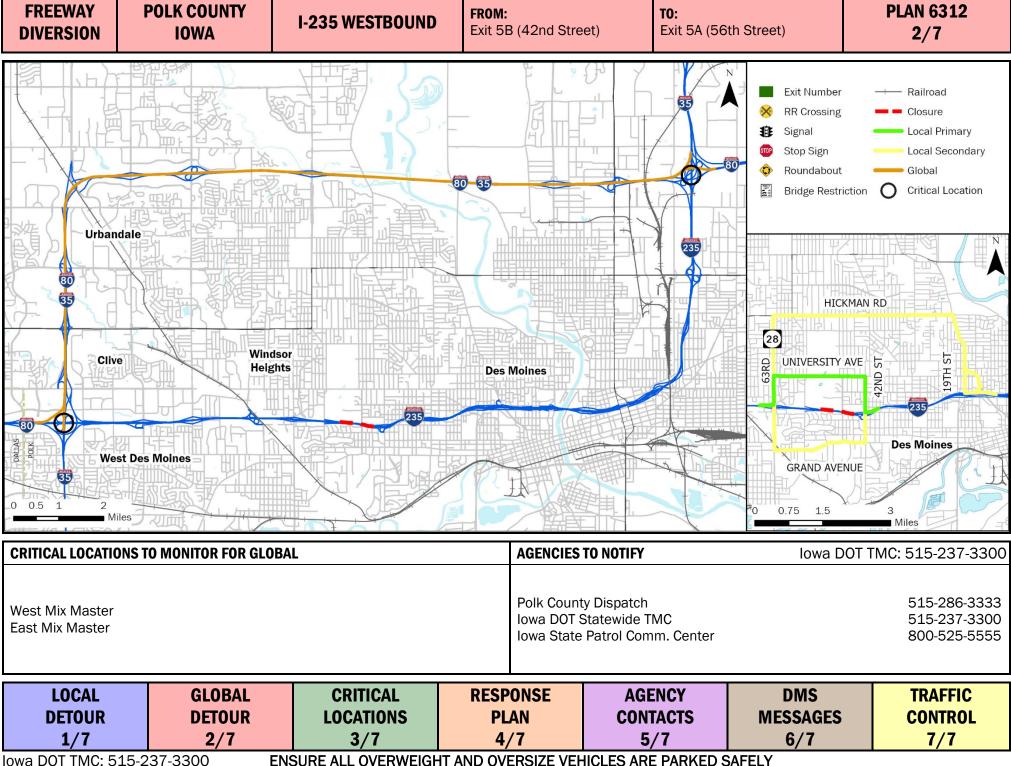
**POLK COUNTY FREEWAY PLAN 6312** FROM: TO: **I-235 WESTBOUND** Exit 5B (42nd Street) Exit 5A (56th Street) **IOWA** 1/7 **DIVERSION** (a) HICKMAN RD Exit Number Railroad 雅 # RR Crossing LUTHER KING Closure Signal Local Primary 28 Stop Sign Local Secondary Roundabout Global STREET JR PKNAY Bridge Restriction Critical Location # \*\* ROESAUQUA WAY **Des Moines** UNIVERSITY AVENUE 19TH ST 7 NEXT SEGMENT 12ND 4 80-35 NEXT SEGMENT 5A 5B **GRAND AVENUE** 1.5 1.75 3.5 DIRECTION ☐ Miles **CRITICAL LOCATIONS TO MONITOR FOR LOCAL PRIMARY AGENCIES TO NOTIFY** Iowa DOT TMC: 515-237-3300 WB I-235 Off Ramp (Exit 5B) Polk County Dispatch 515-286-3333 42nd St. & University Ave Iowa DOT Statewide TMC 515-237-3300 University Ave & IA 28/63rd St./1st St. 800-525-5555 Iowa State Patrol Comm. Center

|                            | 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               |
| lowa DOT TMC: 515-237-3300 |        |        | SURE ALL OVERWEIGH | IT AND OVERSIZE VEH | IICLES ARE PARKED S | SAFELY Last | update: 12/3/2024 |



POLK COUNTY IOWA

**I-235 WESTBOUND** 

**FROM:** Exit 5B (42nd Street) **T0:** Exit 5A (56th Street)

PLAN 6312 3/7

### **CRITICAL AREAS TO MONITOR**

| LOCATION                                    | EXIT                      | SITUATION                            | RESPONSE   |  |  |  |  |
|---|---------------------------|--------------------------------------|--|--|--|--|--|
|   | Local Diversion - Primary |                                      |  |  |  |  |  |
| WB I-235 Off Ramp                           | 5B                        | Traffic backing up on ramp           | Deploy traffic control individual<br>Adjust Signal Timing<br>Use secondary route |  |  |  |  |
| 42nd St. & University Ave                   |                           | Traffic backing up in left turn lane | Deploy traffic control individual<br>Adjust Signal Timing<br>Use secondary route |  |  |  |  |
| University Ave & IA 28/<br>63rd St./1st St. |                           | Traffic backing up in left turn lane | Deploy traffic control individual<br>Adjust Signal Timing<br>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  | 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 WESTBOUND**

**FROM:** Exit 5B (42nd Street) **T0:** Exit 5A (56th Street)

PLAN 6312 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 -                    | <ul> <li>Deploy informational DMS messaging for approaching traffic</li> </ul> |
| 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 -                                 | 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/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 |
|---------------|--------|-----------|----------|----------|----------|---------|
| <b>DETOUR</b> | 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 WESTBOUND** 

**FROM:** Exit 5B (42nd Street) **TO:** Exit 5A (56th Street)

PLAN 6312 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 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     |

POLK COUNTY IOWA

**I-235 WESTBOUND** 

**FROM:** Exit 5B (42nd Street) **T0:** Exit 5A (56th Street)

PLAN 6312 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 |
| 1/7    | 2/7    | 3/7       | 4/7      | 5/7      | 6/7      | 7/7     |

POLK COUNTY IOWA

**I-235 WESTBOUND** 

**FROM:** Exit 5B (42nd Street) **T0:** Exit 5A (56th Street)

PLAN 6312 6/7

### **DMS MESSAGES**

|          | Sign Location              | Page 1                                     | Page 2 |
|----------|----------------------------|--|--------|
|          | I-235 WB @ 19th St (OH)    | ROAD CLOSED<br>AT 42ND ST<br>USE ALT ROUTE |        |
| PRIMARY  | I-235 WB @ Washington (OH) | ROAD CLOSED<br>AT 42ND ST<br>USE ALT ROUTE |        |
| LOCAL PR | I-235 WB @ Broadway (OH)   | ROAD CLOSED<br>AT 42ND ST<br>USE ALT ROUTE |        |
| 07       | I-35 SB @ Corp Woods (OH)  | I-235W CLOSED.<br>AT<br>42ND ST            |        |
|          | I-80 WB @ 4 Mile (OH)      | I-235W CLOSED.<br>AT<br>42ND ST            |        |

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

| BAL  | Sign Location | Page 1       | Page 2 |
|------|---------------|--------------|--------|
| СГОІ | NO DI         | 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     |

POLK COUNTY IOWA

# **I-235 WESTBOUND**

**FROM:** Exit 5B (42nd Street) **T0:** Exit 5A (56th Street)

PLAN 6312 7/7

# **TRAFFIC CONTROL**

| LOCATION                                   | INITIAL ACTION/RESOURCE                   | EXTENDED ACTION/RESOURCE                                      |  |  |
|--|---|---|--|--|
| Local Diversion - Primary                  |   |   |  |  |
| WB I-235 Off Ramp<br>Exit 5B               | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |  |  |
| 42nd St. & University Ave                  | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |  |  |
| University Ave & IA 28/63rd<br>St./1st St. | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |  |  |

# **Local Diversion - Secondary**

| WB I-235 Off Ramp<br>Exit 7                                | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |
|--|---|---|
| Keosauqua Way & 19th St.                                   | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>Signage as Needed |
| 19th St. & US 6/Hickman Rd.                                | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| US 6/Hickman Rd. Between 19th St. & IA 28/63rd St./1st St. | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing Signage as Needed    |
| US 6/Hickman Rd. & IA 28/63rd<br>St./1st St.               | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>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<br>Signage as Needed |
| IA 28/63rd St./1st St. &<br>University Ave.                | Law enforcement traffic control as needed | Install Temporary Diversion Trailblazing<br>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     |