

***PERFORMANCE ACTIVITY 801***

***DECK REPAIR***

**WORK DESCRIPTION 1**  
**WORK DESCRIPTION 2**

**Concrete Deck Repair**  
**Non-Concrete Repair**

## 801 DECK REPAIR

### ACTIVITY DESCRIPTION

Repair spalled areas, replace deck panels, and repair timber bridge decks of roadway bridges.

**WORK DESCRIPTION 1 Concrete Deck Repair**

**WORK DESCRIPTION 2 Non-Concrete Repair**

### TRAFFIC CONTROL

#### TWO-LANE TWO-WAY ROADWAYS

Flagging operations are required for work activities that require equipment, personnel, materials, or any vehicles to encroach upon a travel lane or a shoulder area of a bridge or a bridge approach.

**Avoid locating a flagger station on a bridge or any portion of a bridge approach where an escape route is unavailable to the flagger in the advent of an errant vehicle.**

When determined necessary, install and maintain road closures and traffic detours for these work activities.

#### TYPICAL DRAWING APPLICATIONS

##### FLAGGING OPERATIONS

<b>DRAWING 405-01-A</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES
<b>DRAWING 405-01-B(1)</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES STOP SIGN CONTROLLED SIDE ROADS
<b>DRAWING 405-01-B(2)</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES 4-WAY STOP CONTROLLED INTERSECTION
<b>DRAWING 405-01-C(1)</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES TRAFFIC SIGNAL CONTROLLED INTERSECTION LAW ENFORCEMENT OFFICER(S)
<b>DRAWING 405-01-C(2)</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES TRAFFIC SIGNAL CONTROLLED INTERSECTION FLAGGERS
<b>DRAWING 405-01-D(1)</b>	-	FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES WORK ACTIVITY AREA BEGINNING at an INTERSECTION with a TWO-LANE TWO-WAY ROADWAY DEPARTURE LANE

- DRAWING 405-01-D(2) - FLAGGING OPERATIONS  
MULTIPLE FLAGGERS  
TWO-LANE TWO-WAY ROADWAYS  
PRIMARY & SECONDARY ROUTES  
WORK ACTIVITY AREA  
TERMINATING at an  
INTERSECTION with a  
TWO-LANE TWO-WAY ROADWAY  
APPROACH LANE
  
- DRAWING 405-01-E(1)  
DRAWING 405-01-E(2) - FLAGGING OPERATIONS  
MULTIPLE FLAGGERS  
TWO-LANE TWO-WAY ROADWAYS  
PRIMARY & SECONDARY ROUTES  
WORK ACTIVITY AREA  
INTERSECTIONS with  
LOW SPEED  
< / = 35 MPH  
MULTILANE ROADWAYS
  
- DRAWING 405-01-F(1)  
DRAWING 405-01-F(2) - FLAGGING OPERATIONS  
MULTIPLE FLAGGERS  
TWO-LANE TWO-WAY ROADWAYS  
PRIMARY & SECONDARY ROUTES  
WORK ACTIVITY AREA  
INTERSECTIONS with  
INTERMEDIATE SPEED to HIGH SPEED  
40 MPH - 60 MPH  
MULTILANE ROADWAYS
  
- DRAWING 405-02 - FLAGGING OPERATIONS  
SINGLE FLAGGER OPERATION  
LOW VOLUME  
LOW SPEED TO INTERMEDIATE SPEED  
TWO-LANE TWO-WAY ROADWAYS  
PRIMARY & SECONDARY ROUTES

**ROAD CLOSURE**

- DRAWING 705-02 - EXTENDED ROAD CLOSURE  
FOR  
BRIDGE WORK

**DETOUR SIGNING**

- DRAWING 805-01 - DETOUR SIGNING  
FOR  
PRIMARY & INTERSTATE ROUTES
  
- DRAWING 805-02 - DETOUR SIGNING  
FOR  
SECONDARY ROUTES

## MULTILANE SECONDARY AND PRIMARY ROADWAYS

Lane closures are required for work activities that require equipment, personnel, materials, or any vehicles to encroach upon a travel lane or a shoulder area of a bridge or a bridge approach.

When determined necessary, install and maintain road closures and traffic detours for these work activities.

### TYPICAL DRAWING APPLICATIONS

#### LANE CLOSURES

- |                         |   |  |
|-------------------------|---|--|
| <b>DRAWING 505-01</b>   | - | LANE CLOSURE<br>LOW SPEED MULTILANE<br>< / = 35 MPH<br>PRIMARY & SECONDARY ROUTES                              |
| <b>DRAWING 505-03-A</b> | - | LANE CLOSURE<br>INTERMEDIATE SPEED TO HIGH SPEED<br>40 MPH - 60 MPH<br>MULTILANE<br>PRIMARY & SECONDARY ROUTES |

#### ROAD CLOSURE

- |                       |   |   |
|-----------------------|---|---|
| <b>DRAWING 705-02</b> | - | EXTENDED ROAD CLOSURE<br>FOR<br>BRIDGE WORK |
|-----------------------|---|---|

#### DETOUR SIGNING

- |                       |   |  |
|-----------------------|---|--|
| <b>DRAWING 805-01</b> | - | DETOUR SIGNING<br>FOR<br>PRIMARY & INTERSTATE ROUTES |
| <b>DRAWING 805-02</b> | - | DETOUR SIGNING<br>FOR<br>SECONDARY ROUTES            |

## INTERSTATE ROADWAYS

Lane closures are required for work activities that require equipment, personnel, materials, or any vehicles to encroach upon a travel lane or a shoulder area of a bridge or a bridge approach.

### TYPICAL DRAWING APPLICATIONS

#### LANE CLOSURES

- |                         |   |   |
|-------------------------|---|---|
| <b>DRAWING 510-01-A</b> | - | LANE CLOSURE<br>INTERSTATE ROUTES                                     |
| <b>DRAWING 510-01-B</b> | - | LANE CLOSURE<br>EXIT / ENTRANCE RAMPS<br>INTERSTATE ROUTES            |
| <b>DRAWING 510-02-A</b> | - | DUAL LANE CLOSURE<br>TRANSITION / ACTIVITY AREAS<br>INTERSTATE ROUTES |
| <b>DRAWING 510-02-B</b> | - | DUAL LANE CLOSURE<br>ADVANCE WARNING AREA<br>INTERSTATE ROUTES        |
| <b>DRAWING 510-02-C</b> | - | DUAL LANE CLOSURE<br>EXIT / ENTRANCE RAMPS<br>INTERSTATE ROUTES       |