

PERFORMANCE ACTIVITY 809

BRIDGE PILES AND CAPS

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|---------------------------|-------------------------|
| WORK DESCRIPTION 1 | Cap Repair |
| WORK DESCRIPTION 2 | Cap Replacement |
| WORK DESCRIPTION 3 | Pile Repair |
| WORK DESCRIPTION 4 | Pile Replacement |

809 BRIDGE PILES AND CAPS

ACTIVITY DESCRIPTION

Repair or replace concrete, steel or timber piles and caps.

WORK DESCRIPTION 1 Cap Repair
WORK DESCRIPTION 2 Cap Replacement
WORK DESCRIPTION 3 Pile Repair
WORK DESCRIPTION 4 Pile Replacement

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

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| DRAWING 405-01-A | - | FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES |
| DRAWING 405-01-B(1) | - | FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES STOP SIGN CONTROLLED SIDE ROADS |
| DRAWING 405-01-B(2) | - | FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES 4-WAY STOP CONTROLLED INTERSECTION |
| DRAWING 405-01-C(1) | - | FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES TRAFFIC SIGNAL CONTROLLED INTERSECTION LAW ENFORCEMENT OFFICER(S) |
| DRAWING 405-01-C(2) | - | FLAGGING OPERATIONS MULTIPLE FLAGGERS TWO-LANE TWO-WAY ROADWAYS PRIMARY & SECONDARY ROUTES TRAFFIC SIGNAL CONTROLLED INTERSECTION FLAGGERS |

- DRAWING 405-01-D(1)** - 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

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

ROAD CLOSURE

- | | | |
|-----------------------|---|---|
| DRAWING 705-02 | - | EXTENDED ROAD CLOSURE FOR BRIDGE WORK |
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DETOUR SIGNING

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

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