PERFORMANCE ACTIVITY 802
BRIDGE RAIL REPAIR
ACTIVITY DESCRIPTION

Repair bridge rails and parapet walls due to accident damage and deterioration.

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

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
\(< / = 35 \text{ MPH}\)
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

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

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