

## SECTION 02626

# DECK DRAIN MODIFICATION OR CLOSURE

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Modify and/or close existing drains, and install new drains at specified locations.

#### 1.2 REFERENCES

- A. AASHTO M 111: Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
- B. AASHTO M 270: Carbon and High-Strength Low-Alloy Structural Steel Shapes, Plates, and Bars and Quenched and Tempered Alloy Structural Steel Plates for Bridges

### PART 2 PRODUCTS

#### 2.1 STRUCTURAL STEEL

- A. Galvanize the frame riser after fabrication as specified. AASHTO M 270, Grade 36. AASHTO M 111.
- B. Structural steel plates: AASHTO M270, Grade 36.

### PART 3 EXECUTION

#### 3.1 PREPARATION

- A. Verify plan dimension for the existing grate system before fabrication of the new frame riser.

## **3.2 INSTALLATION**

- A. Deck Drain Modification:
  - 1. Construct the frame riser according to the plan design.
  - 2. Close the deck drains as shown in the plans under the Deck Drain Closure Detail prior to placing new asphalt surfacing.
  - 3. Place a new frame riser before placing Hot Mix Asphalt. Hand compact the asphalt in the areas surrounding the frame of the drain.
  - 4. Position the grate properly to receive the water flow. For square frames, line up grate ribs with water flow.
  - 5. Properly secure the extended pipes to the satisfaction of the Engineer.
  
- B. Deck Drain Closure: Close the deck drains as shown in the plans under the Deck Drain Closure Detail prior to placing new asphalt surfacing.

## **3.3 CLEANING**

- A. Clean any asphalt concrete from between the grate ribs, when necessary.
  
- B. Clean any existing or construction debris and trash from the drain basin.

END OF SECTION