

MASON COUNTY ROAD COMMISSION

SPECIAL PROVISION  
FOR  
**DR. STRUCTURE COVER, ADJ. CASE 1, MODIFIED  
WATER SHUTOFF, ADJ, CASE 1, MODIFIED**

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1 of 3

03/15/2023

**a. Description.** This work consists of adjusting drainage structures, including utility manhole covers, in accordance with section 403 of the Standard Specifications for Construction, as shown on the plans, as directed by the Engineer, and as stated herein.

**b. Materials.** Provide materials in accordance with subsection 403.02 of the Standard Specifications for Construction with the following exceptions:

Provide Concrete, Grade P-NC in accordance with section 603 and provide lane ties in accordance with sections 603 and 914 of the Standard Specifications for Construction.

For concrete, curb; concrete, curb and gutter; or concrete traffic island repairs provide materials in accordance with the standard specifications.

**c. Construction.** For structures within the pavement area, use a rotary coring head to remove a minimum 4-foot diameter section of pavement around the drainage structure frame and cover. If the frame outside diameter measurement is greater than 36 inches, use a rotary coring head to remove a minimum 4.5-foot diameter section of pavement. For structures within the curb line, saw cut and remove a 4-foot by 6-foot section of pavement around the frame with the 6-foot dimension measured along the curb line. Remove curb and/or curb and gutter associated with the adjustment of structures as directed by the Engineer. For structures located adjacent to concrete traffic control islands, remove concrete island full-width or up to 6 feet wide to facilitate adjustment of the drainage structure cover frame, as directed by the Engineer.

Support the cover frame over the structure matching the adjacent roadway cross slope. Secure the frame in-place to allow for placement on concrete without altering frame position.

For structures within the pavement area, replace pavement around the frame with Concrete, Grade P-NC matching the finished elevation and cross-slope of the roadway. Construct plane of weakness joint as directed by the Engineer. For structures within the curb line, replace pavement around the frame with Concrete, Grade P-NC and HMA top course as shown in the detail. Install epoxy anchored lane ties to anchor the concrete to adjacent composite pavement for curb drainage structures located in curbed areas. Replace concrete, curb; concrete curb and gutter, or concrete traffic control islands "in-kind" in accordance with the Standard Plan R-30 Series and section 802 of the Standard Specifications for Construction.

Immediately remove any debris that falls into the drainage structure due to Contractor operations.

**d. Measurement and Payment.** The completed work, as described, will be measured and paid for at the contract unit price using the following pay item:

<b>Pay Item</b>	<b>Pay Unit</b>
Dr Structure Cover, Adj., Case 1, Modified .....	Each
Water Shutoff, Adj, Case 1, Modified.....	Each

**Dr Structure Cover, Adj, Case 1, Modified & Water Shutoff, Adj, Case 1, Modified** includes furnishing all materials, saw cutting and removal of existing pavement, adjustment of cover to required elevation and cross-slope, placement and finishing of, placement and finishing of new concrete, placement and removal of temporary HMA wedging for maintaining traffic, if required, placement of cover to open structures to prevent accumulation of debris and cleaning existing drainage structure due to Contractor operations.

