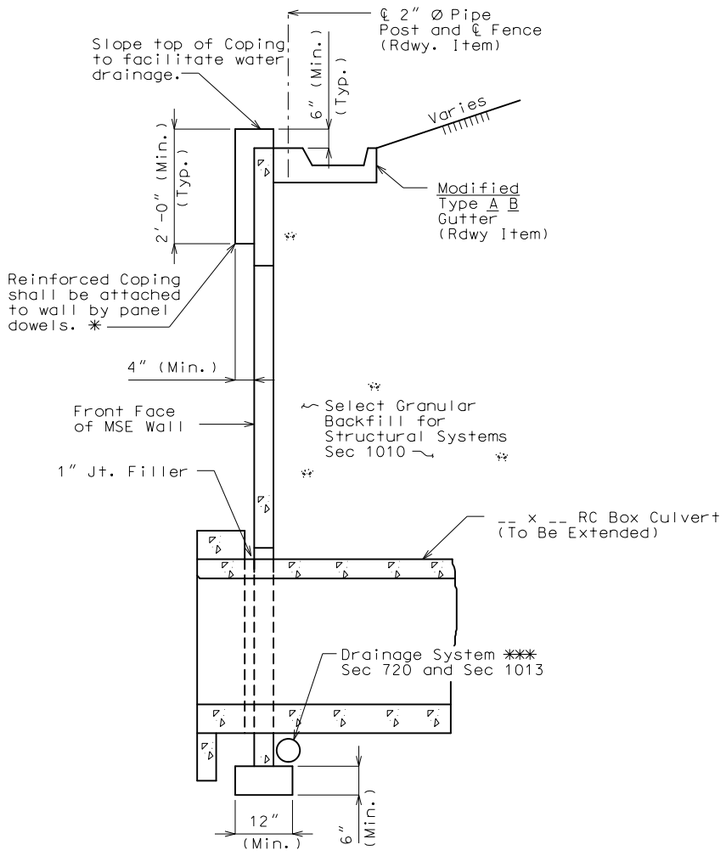
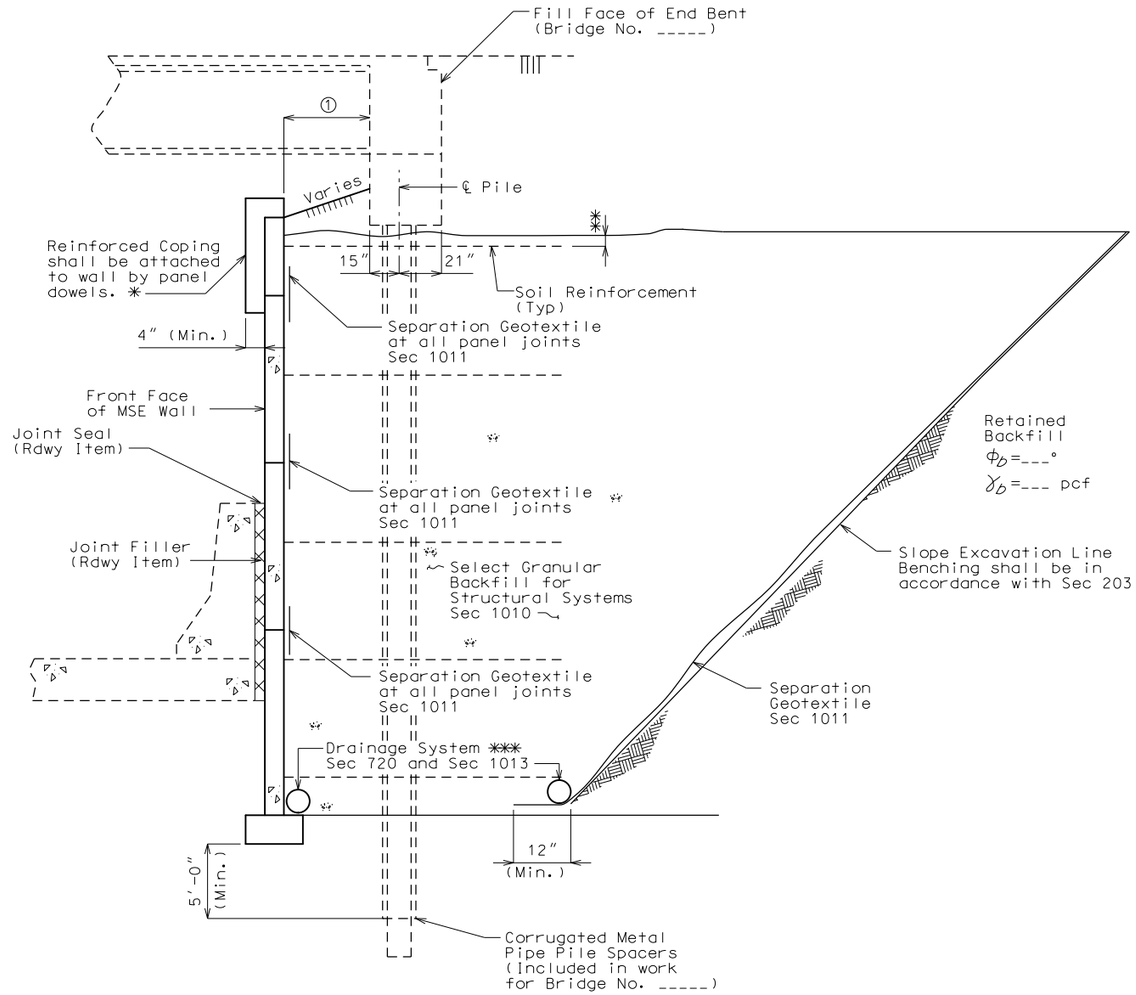


TYPICAL SECTION THRU
LARGE BLOCK WALL AT CULVERT

Notes:

Vertical joint in MSE wall shall be located at each exterior culvert wall.



TYPICAL SECTION THRU
LARGE BLOCK WALL UNDER BRIDGE

Note: For additional information, see "TYPICAL SECTION THRU LARGE BLOCK WALL SHOWING FILTER CLOTH".

✳ Inverted U-shape reinforced capstone may be used in lieu of coping. Panel dowels for capstone shall be required and as provided by manufacturer.

✳✳ Topmost layer of reinforcement shall be fully covered with select granular backfill for structural systems, as approved by the wall manufacturer, before placement of the Separation Geotextile.

✳✳✳ Minimum 6" diameter perforated PVC or PE pipe, unless larger size pipes are required by design by wall manufacturer.

Adjustment in the vertical alignment of the drainage pipes from that depicted in the plans may be necessary to ensure positive flow out of the drainage system.

Outlet ends of pipes shall be located to avoid clogging or flow into the drainage system.

Standard Drawing Guidance (do not show on plans):

Gutter type should be selected at core team meeting.

For Modified Type A and Modified Type B Gutter and Fence Post Connection Details, see Missouri Standard Plans No. 607.11.

For Type A and Type B Gutter information, see Missouri Standard Plans No. 609.00.

All notes and details shown need to be revised per project.

① Use 3'-9" setback which is based on the use of 18" corrugated metal pipe pile spacers (CMPPS) and FHWA-NHI-10-024, Figure 5-17C. For larger than 18" CMPPS, increase clear space between MSE wall & front face of the end bent beam such that no soil reinforcement is skewed more than 15°.

DETAILS FOR GENERIC MSE WALL

Detailed
Checked

Note: This drawing is not to scale. Follow dimensions.

Sheet No. of

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DATE PREPARED 12/6/2016	
ROUTE ✳	STATE MO
DISTRICT BR	SHEET NO. ✳
COUNTY ✳	
JOB NO. ✳	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO. MSEW 3	

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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