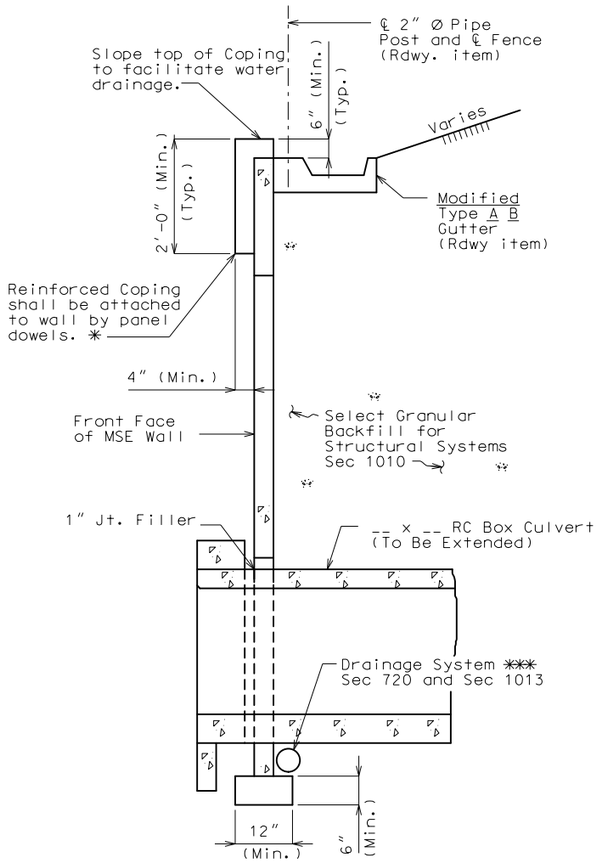
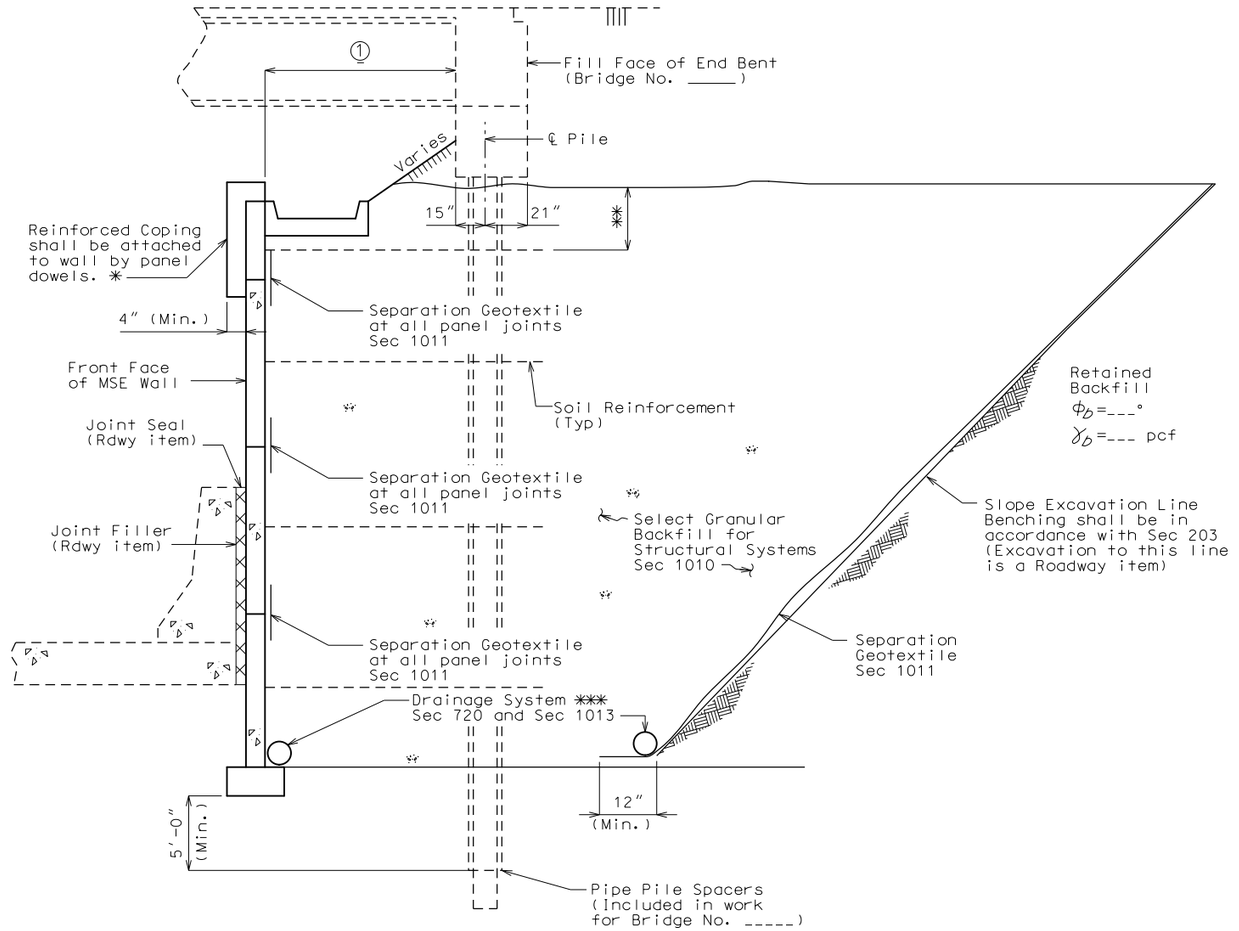


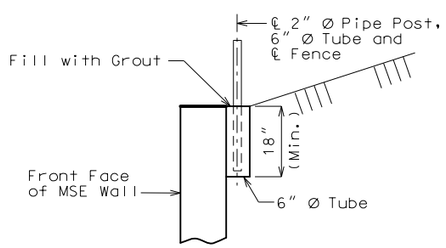
TYPICAL SECTION THRU
LARGE BLOCK WALL AT CULVERT

Notes:

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



TYPICAL SECTION THRU
LARGE BLOCK WALL UNDER BRIDGE



FENCE POST CONNECTION
BEHIND WALL
(WITHOUT GUTTER)

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 ② diameter perforated PVC or PE pipe.

Manufacturer shall show drain details on design plans to be submitted as shown on MoDOT MSE wall plans and/or roadway plans.

Contractor shall modify the drain details as shown if it will improve flow as may be the case for stepped leveling pad, and for an uneven ground line (approval of the engineer required).

Standard Drawing Guidance (do not show on plans):

Revise notes and details per project as necessary.

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.

See EPG 751.24.2.1 for drainage guidance.

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

② District Design Division to verify 6" diameter pipe or increase diameter. Minimum pipe diameter shall be 6".

DETAILS FOR GENERIC MSE WALL

Detailed
Checked

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

Sheet No. of

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE PREPARED 7/26/2019

ROUTE ✳ | STATE MO

DISTRICT BR | SHEET NO. ✳

COUNTY ✳

JOB NO. ✳

CONTRACT ID.

PROJECT NO.

BRIDGE NO. MSEW 3

NO.	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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