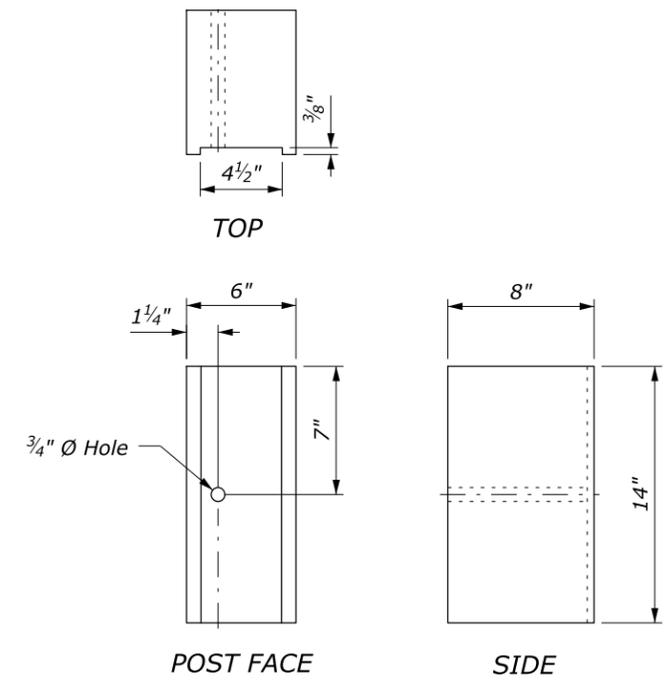
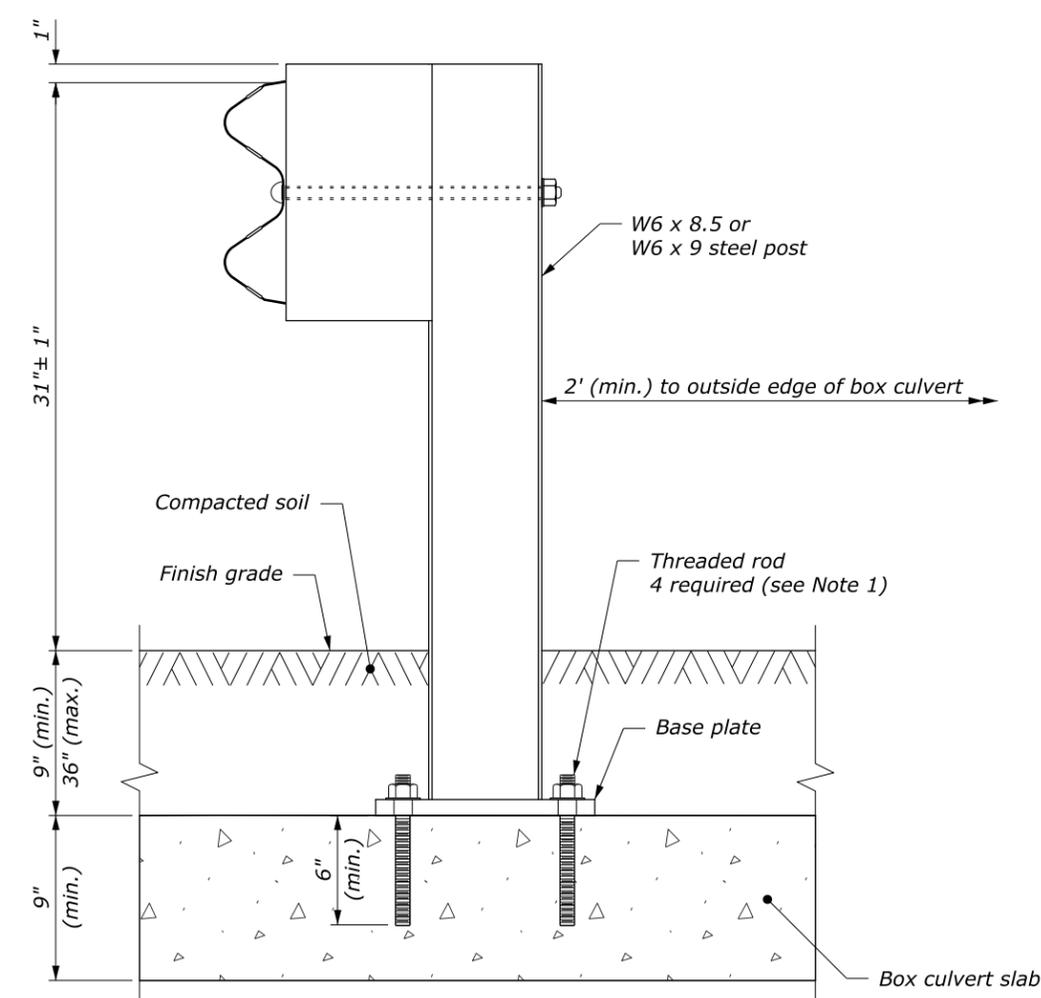
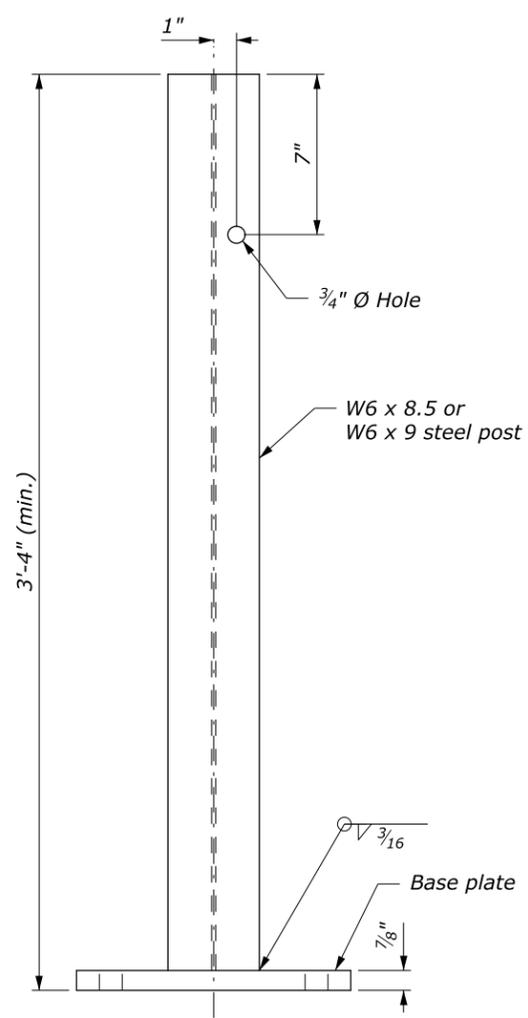


- NOTES:**
1. Attach guardrail post to box culvert with $\frac{7}{8}$ -inch diameter high-strength threaded rods $8\frac{1}{2}$ -inch in length with resin-bonded anchors. Use carbon steel rods with a minimum strength of 125 ksi and a minimum yield strength of 105 ksi. Furnish rods, nuts, and washers with an electroplated zinc coating.
 2. Wood blocks are shown. Blocks of an approved alternative may be used.
 3. See Detail ET 617-32 for other details.



BLOCK
See Note 2

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
OFFICE OF FEDERAL LANDS HIGHWAY

EFLHD DETAIL

**MGS W-BEAM GUARDRAIL
STEEL POSTS
ATTACHED TO BOX CULVERT**

DETAIL APPROVED FOR USE 2/2019
REVISED: 4/2019 9/2020

DETAIL
ET 617-38

NO SCALE