GENERAL NOTES

1. See Std Dwg C-10.01 and C-10.04 for additional information and dimensions.
2. Guardrail shall be lapped in the direction of adjacent traffic.
3. Where bolting through the top of box culvert is not practical, the bolts may be attached to the top of the box culvert using epoxy. The bolts shall be embedded a minimum of 6 inches into the concrete.
4. Manufacturer components according to the AASHTO-ARSC-ARTBA Guide to Standardized Highway Barrier Hardware. Visit the Roadway Engineering web site to view the drawings referenced in parenthesis.

BOX CULVERT GUARDRAIL POST DETAIL

INSTALLATION DETAIL

Box Culvert Guardrail Post

Attach Box Culvert Post With One Hex Nut With One Plain Round Washer Under Nut (Typ)

Two Hex Nuts With One Plain Round Washer Under Nuts (Typ)

1/8" D3, ASTM A193 Grade B7 Threaded Rod

Box Culvert Post

1/8" Diameter Hole (Typ)

1 1/2" Diameter Hole

1" Diameter Hole (Typ)

8" 1/2"

6" 1/2"

4 1/2"

7/8" Diameter Hole

1/4"

1/8"

1/2"

Sheet 2 of 2

ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION ROADWAY GROUP STANDARD DRAWING

DRAWING TITLE: M-BEAM GUARDRAIL BOX CULVERT GUARDRAIL POST

DRAWER NAME: D. R. HENRY

DRAWING NO.: C-10.07

SHEET NO.: 2 of 2