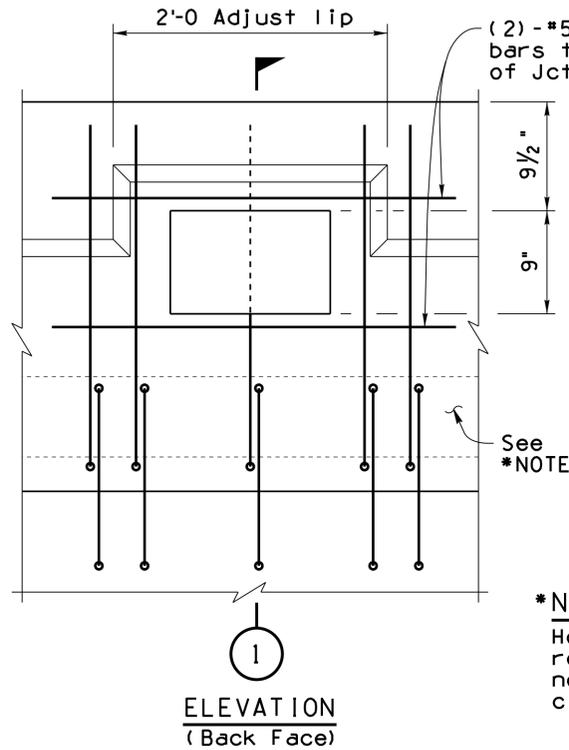
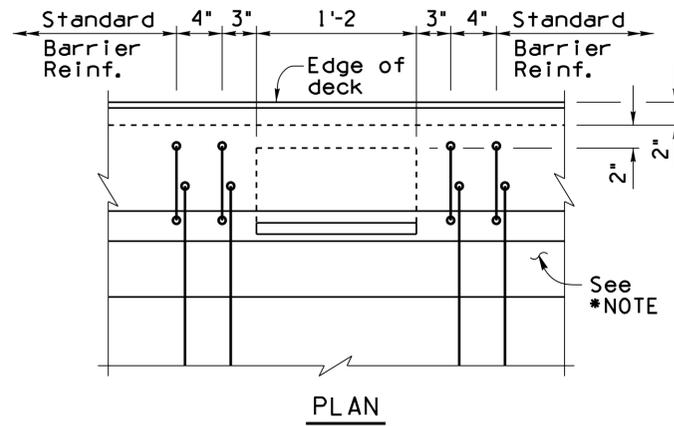
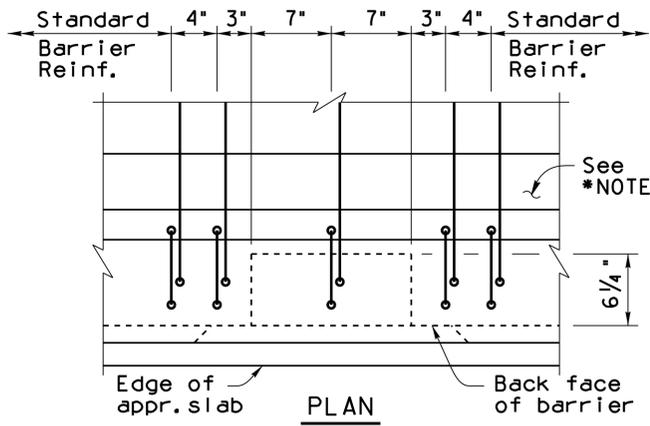
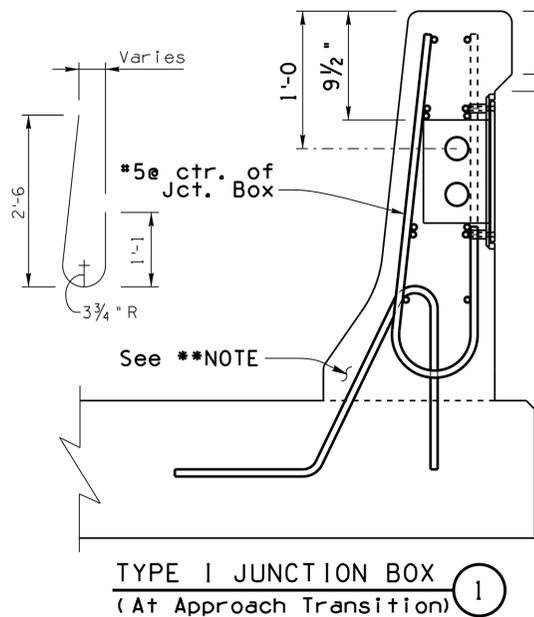
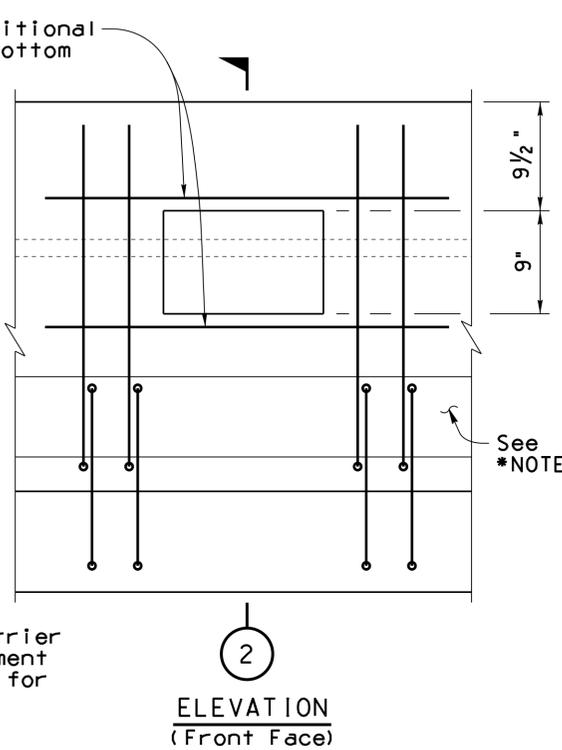


Note to Designer:
 The information presented in this Standard Detail has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border line shall not be altered.

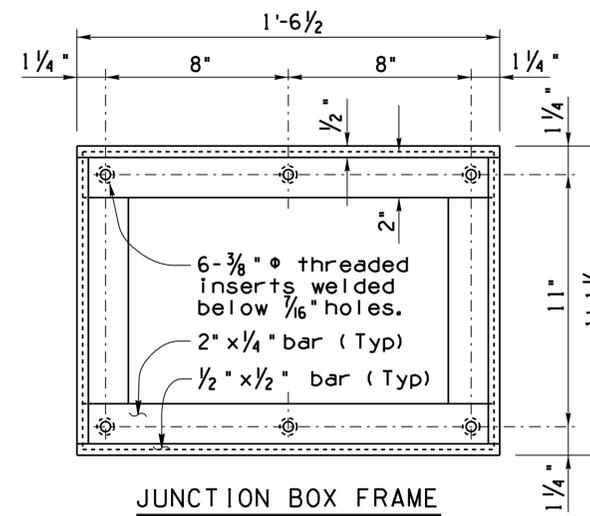
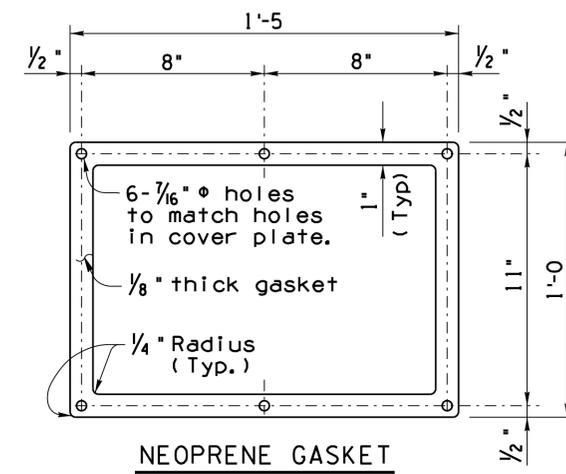
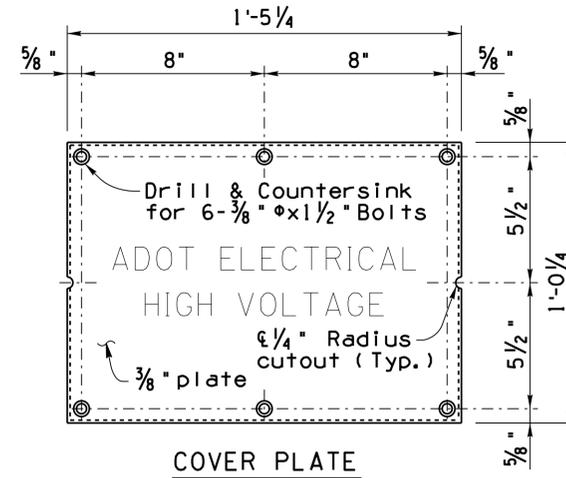
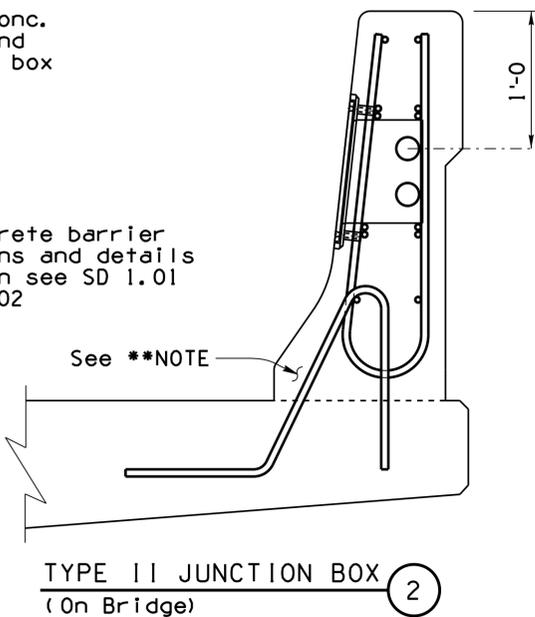
NO.	DESCRIPTION OF REVISIONS	MADE BY	DATE
1	Original Issue	H.M.S.	5-02
2	General Update	S.J.H.	4-10
3			
4			



***NOTE:**
Horiz. barrier reinforcement not shown for clarity.



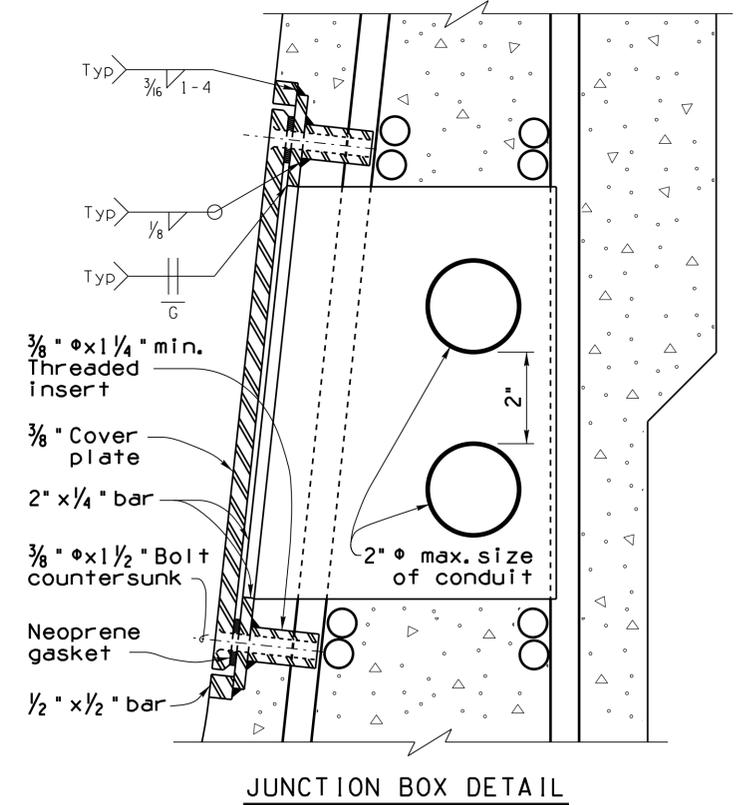
****NOTE:**
For concrete barrier dimensions and details not shown see SD 1.01 or SD 1.02



NOTE:
Conduit placement in bridge barrier requires pre-approval by Bridge Group.
Junction Box is shown for (32") nominal F-Shape barrier. Details similar for (42") nominal F-Shape barrier and other concrete bridge parapets.

GENERAL NOTES:
 Construction Specification - Arizona Department of Transportation Standard Specifications for Road and Bridge Construction, latest Edition.
 Design Specifications - AASHTO LRFD Bridge Design Specifications, 4th Edition 2007.
 Conduits shall not be placed in exterior barriers of Interstate Highway System bridges.
 Structural steel shall conform to ASTM A36.
 All bolts shall conform to ASTM A307. Threaded inserts shall be loop type (U.N.C. thread).
 All bolts, nuts and washers shall be galvanized in accordance with ASTM A153. All other steel shall be galvanized after fabrication in accordance with ASTM A123.
 Chamfer all bottom edges of cover plate 1/8" x 45°. Cover plate shall have 1" letters embossed 1/8" to say: "ADOT ELECTRICAL HIGH VOLTAGE".
 All welding shall conform to the requirements of the American Welding Society, ANSI/AASHTO/AWS D1.5 Bridge Welding Code, latest Edition.

Dimensions shall not be scaled from drawings.
 Item No. 7320475 TYPE I JUNCTION BOX Measure: Each
 Item No. 7320476 TYPE II JUNCTION BOX Measure: Each



DESIGN APPROVED <i>Shafiq U. Hasan</i>		ARIZONA DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION BRIDGE GROUP STRUCTURE DETAIL	
APPROVED FOR DISTRIBUTION <i>Teon A. Nehme</i>		BARRIER JUNCTION BOX	
ROUTE	PROJECT NO.	FA NO.	DRAWING NO. SD 1.11
LOCATION			SHEET NO. OF