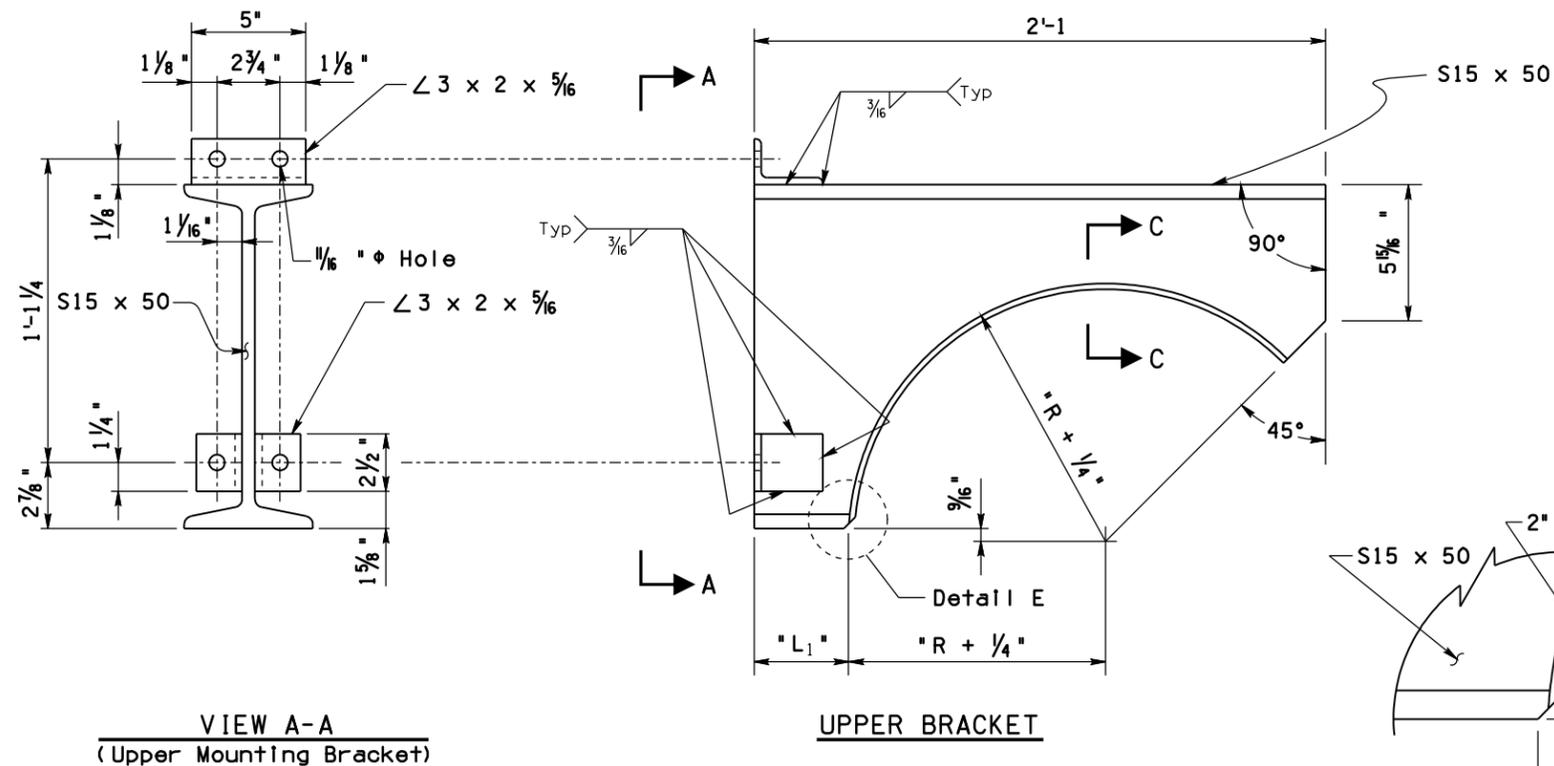


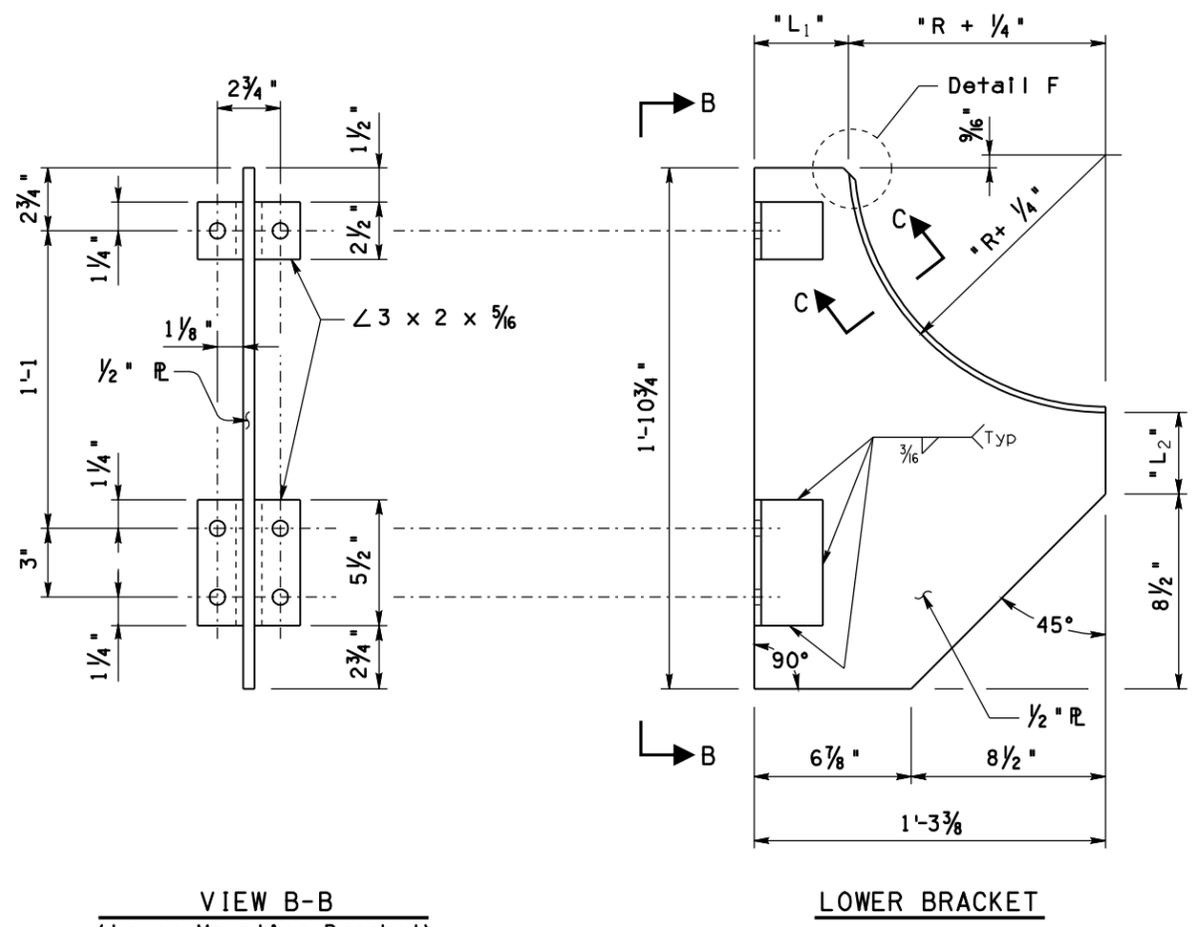
Note to Designer: The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability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

PRIOR DISTRIBUTION DATE 03/17



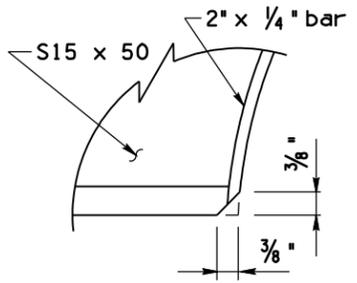
VIEW A-A
(Upper Mounting Bracket)

UPPER BRACKET

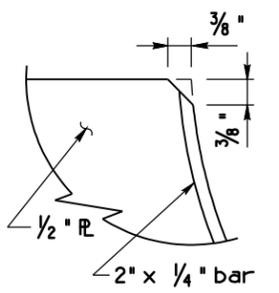


VIEW B-B
(Lower Mounting Bracket)

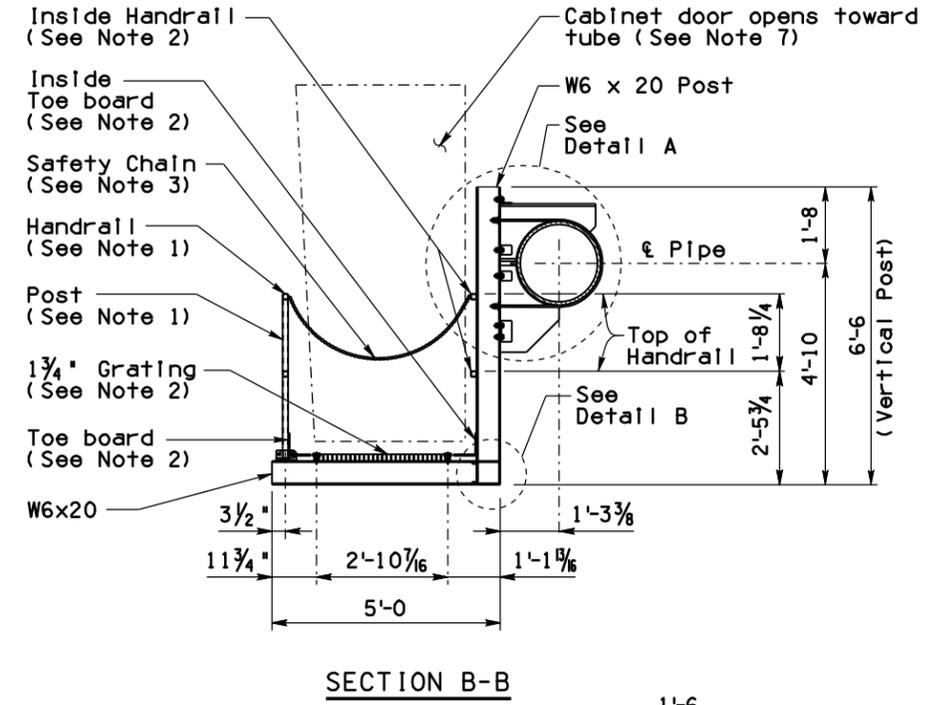
LOWER BRACKET



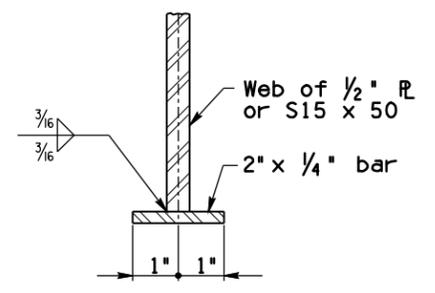
DETAIL E



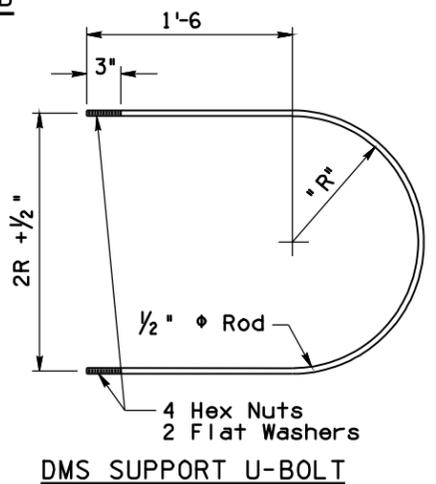
DETAIL F



SECTION B-B



SECTION C-C



DMS SUPPORT U-BOLT

NOTES:

1. See SD 9.52 (4 of 5) for handrail, post and hinge details.
2. See SD 9.52 (5 of 5) for inside handrails, grating and toeboard details.
3. 3/16" galvanized safety chain with (1) 1/4" snap hook at end of both catwalks.
4. See SD 9.52 (2 of 5) for Detail A.
5. See SD 9.52 (2 of 5) for Detail B.
6. Optional mast arm field splice, if any, shall not interfere with catwalk supports.
7. Cabinet door hinges shall be located at tube side to allow for railing movement with door open.

Frame Type	Nominal Pipe Dia	R	L ₁	L ₂
2F	16"	8"	7 7/8"	6 5/16"
3F	20"	10"	5 5/8"	4 7/16"
4F	22"	11"	4 7/8"	3 3/16"

STANDARDS ENGINEER
A. ALZUBI
 RECOMMENDED FOR APPROVAL
 GROUP MANAGER
D. EBERHART
 APPROVED
 STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION DATE 04/19

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

**DYNAMIC MESSAGE SIGN
 TUBULAR FRAME
 MOUNTING DETAILS**

DRAWING NO.
**SD 9.52
 (3 of 5)**