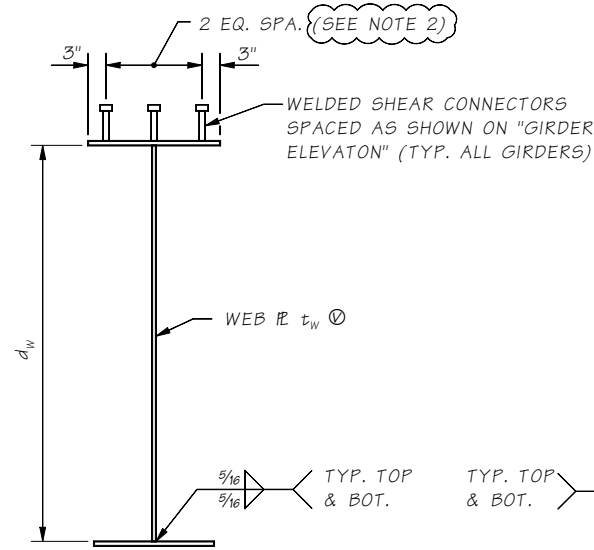
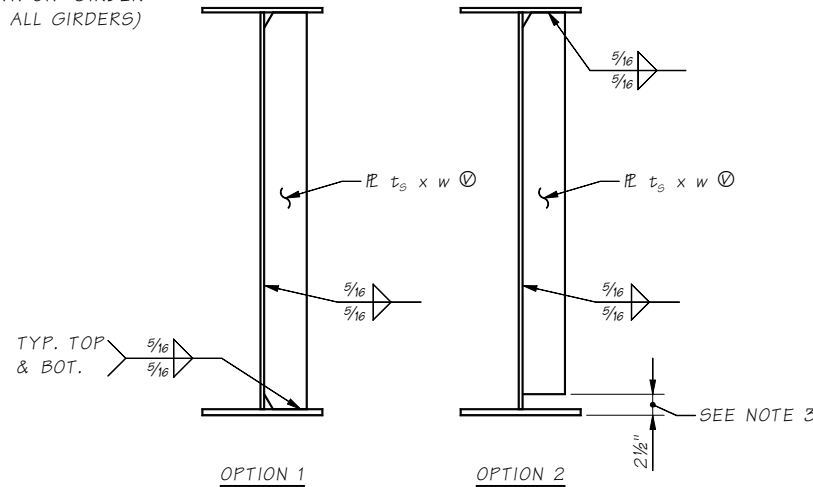


LAST REVISION 12-11-2014



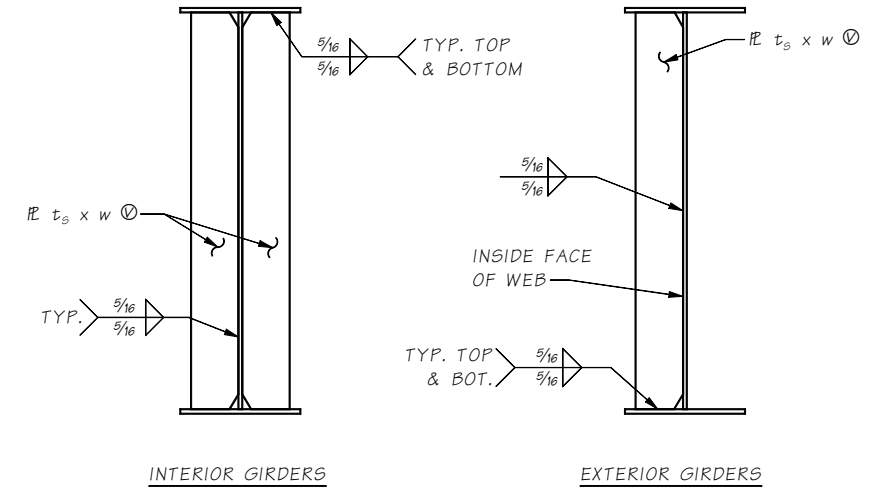
**TYPICAL GIRDER SECTION**



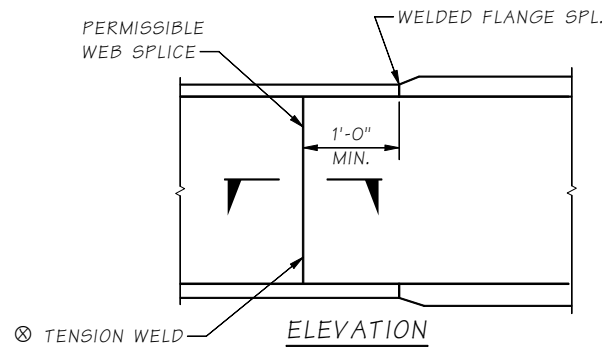
**TYPICAL STIFFENER BETWEEN CROSSFRAMES**

**BEARING AND JACKING STIFFENERS**

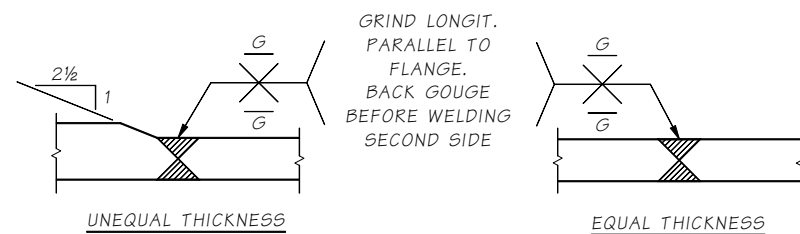
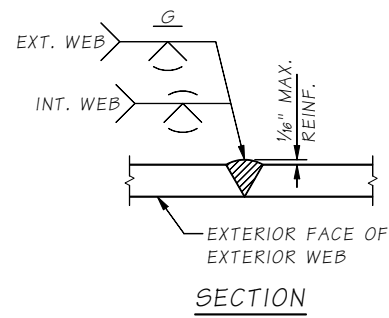
± FLATNESS TOLERANCE AT BEARING SHALL MEET AWS D1.5 SECT. 3.5.1.9



**TYPICAL STIFFENER AT INTERMEDIATE CROSSFRAME**

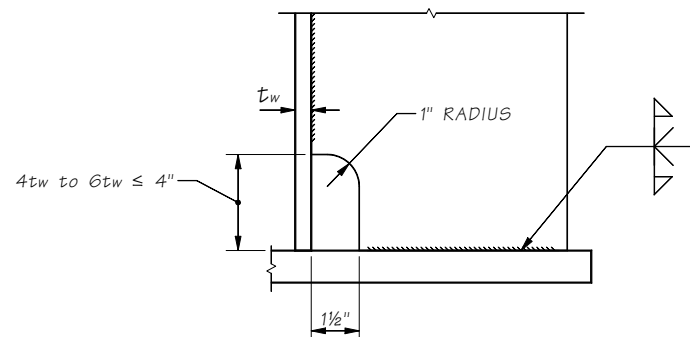


**PERMISSIBLE WEB SPLICE**



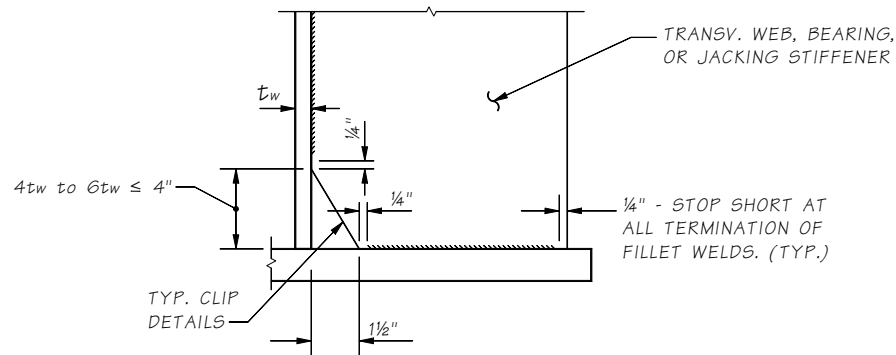
**WELDED GIRDER SPLICE DETAILS**

FABRICATOR MAY SUBSTITUTE B-L2C-S AND B-U2-GF FOR B-U3C-S AND B-U3-GF RESPECTIVELY SUBJECT TO THICKNESS LIMITATIONS.



**COPE DETAIL**

FOR PJP OF CJP STIFFENER TO FLANGE WELD



**TYPICAL FILLET WELD TERMINATION DETAIL**

**NOTES TO DESIGNER:**

1. SIZE STIFFENER THICKNESS ( $t_B$  &  $t_S$ ) AND WIDTHS ( $w$ ) PER AASTHO LRFD AND PROJECT SPECIFIC REQUIREMENTS.
2. SIZE SHEAR CONNECTOR QUANTITY PER ROW, DIAMETER AND LENGTH PER AASTHO LRFD AND PROJECT SPECIFIC REQUIREMENTS.
3. USE OPTION 1 FOR TYPICAL STIFFENERS BETWEEN CROSSFRAMES UNLESS FATIGUE CHECKS AT THE TOE OF STIFFENER WELD (CATEGORY C) REQUIRES INCREASING THE FLANGE THICKNESS. IF FLANGE THICKNESS IS CONTROLLED BY THE FATIGUE CHECK, CUT STIFFENER PER OPTION 2 AT TENSION FLANGE LOCATIONS.
4. SIZE HEIGHT OF COPE AND CLIP PER DIMENSIONAL CRITERIA SHOWN IN THE DETAILS.
5. IF FILLET WELDS ARE SUFFICIENT FOR DEMANDS AT TOP WELD FOR BEARING AND JACKING STIFFENERS, A CLIP DETAIL MAY BE SUBSTITUTED FOR THE COPE.

6.4-A3

SR JOB NO. SHEET

Bridge Design Engr.	<Window files>S64-A3		REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor			10	WASH.			
Designed By			JOB NUMBER				
Checked By							
Detailed By							
Bridge Projects Engr.							
Prelim. Plan By							
Architect/Specialist	DATE	REVISION	BY	APPD			

**BRIDGE AND STRUCTURES OFFICE**



EXAMPLE - GIRDER DETAILS

BRIDGE SHEET NO.  
SHEET  
OF  
SHEETS