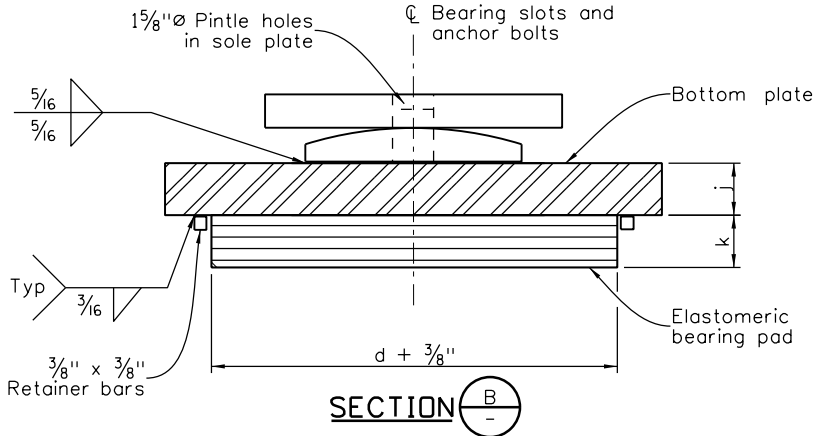
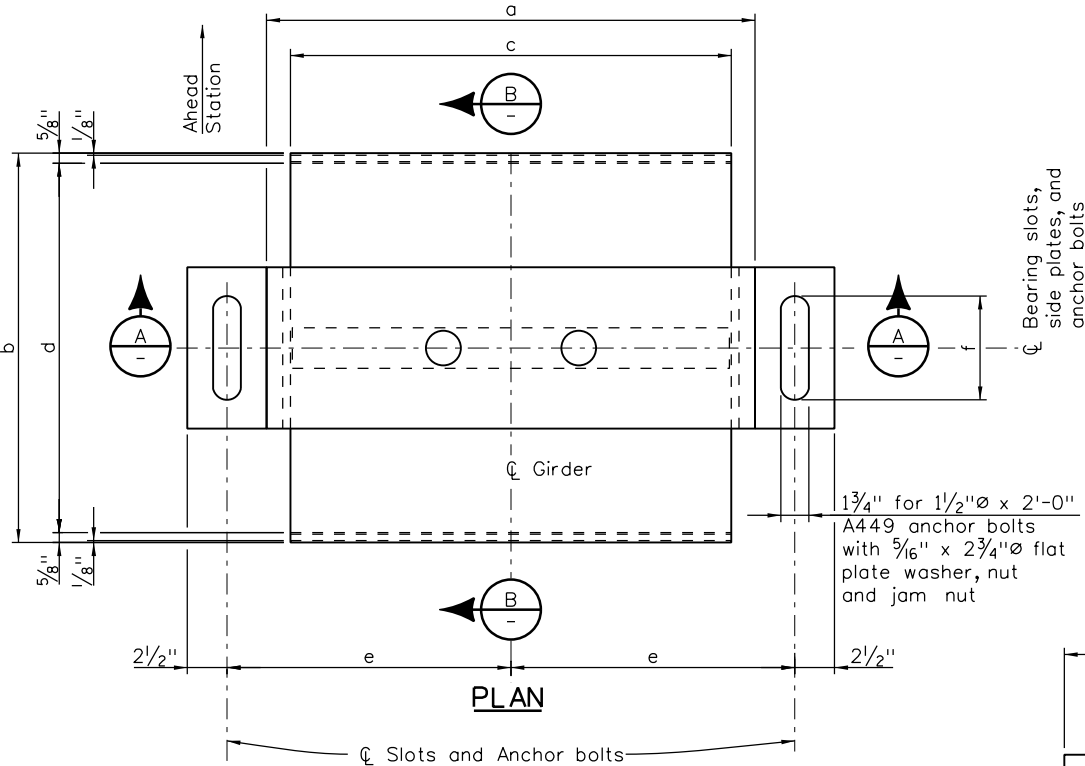
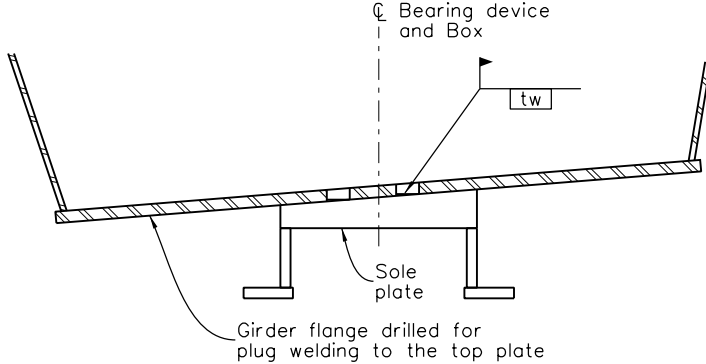


Revision Dates			
3/99	11/99	4/02	6/04
3/07	10/13	3/23	9/24

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

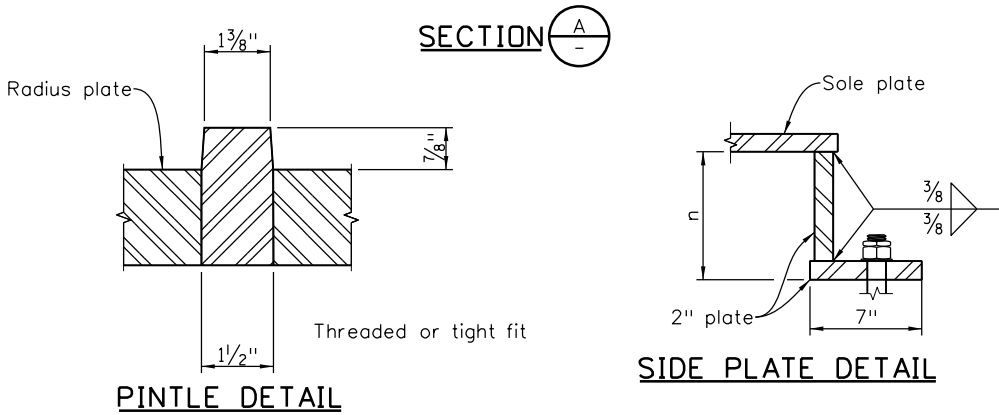
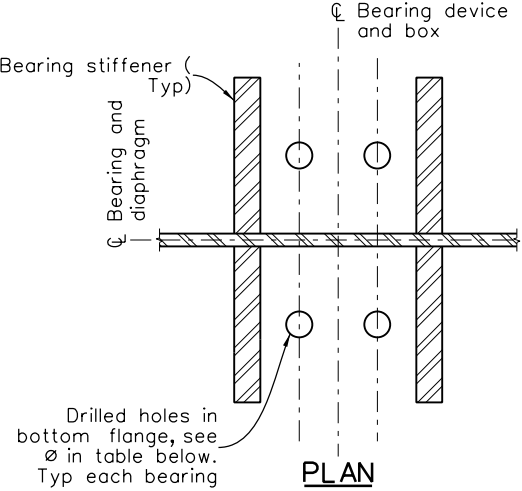
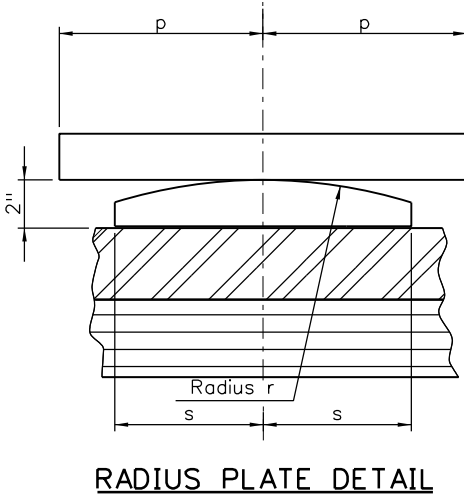
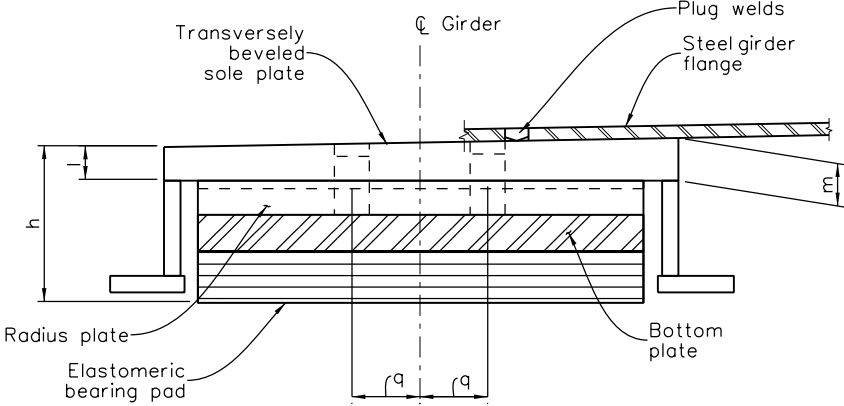


ELASTOMERIC BEARING DETAILS



SECTION TOP PLATE OF GIRDER CONNECTION (STEEL GIRDER)

- NOTES:**
- 1. At fixed bearings, anchor bolt nuts shall be snugged and jammed with jam nuts. At expansion bearings, provide 1/4" clearance between nut and side plate under all temperature conditions prior to jamming.
 - 2. Do not paint steel surfaces in contact with elastomeric pad.
 - 3. Elastomeric pad, sole plate, radius and bottom plate, side plates, pintle, anchor bolts, and miscellaneous hardware shall be included in the bid price for Item 512, Bearing Device (Type IV).
 - 4. Grade 3 elastomer shall be used. Higher grade elastomer may be substituted for grade 3 at no additional cost to the project.
 - 5. Design shear modulus G = _____ psi at 73°F.
 - 6. Hardness = _____ Duro (Shore A).
 - 7. AASHTO design method _____ has been used.



Location	No. Req'd	Maximum Design Load	Top Connections Field Plug Welds (Steel Structure)				Dimensions (Inches)															
		(Kip)	Number	Ø (In)	tw	a	b	c	d	e	f	h	j	k	l	m	n	p	q	r	s	

All seals for this set of drawings are applied to the cover page(s)

Print Date: \$DATE\$
File Name: Sheet_B-512-4S.dgn
Horiz. Scale: As Noted Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

2829 West Howard Place, 3rd Floor
Denver, CO 80204
Phone: 303-512-4079
FAX: 303-757-9197

Staff Bridge Branch

As Constructed	BEARING DEVICE (TYPE IV) STEEL GIRDER				Project No./Code
No Revisions:					Project Number
Revised:	Designer: XXXXXXXX	Structure Numbers	X-XX-XX		Code
Void:	Detailer: XXXXXXXX	Subset Sheets: BXX of XXX			Sheet Number