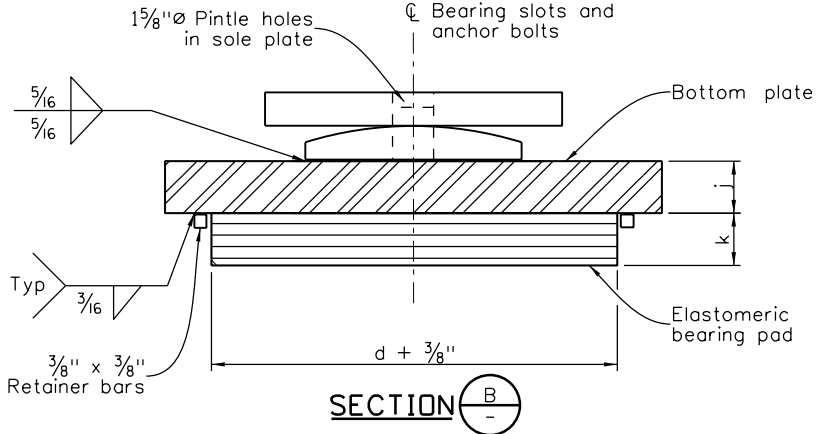
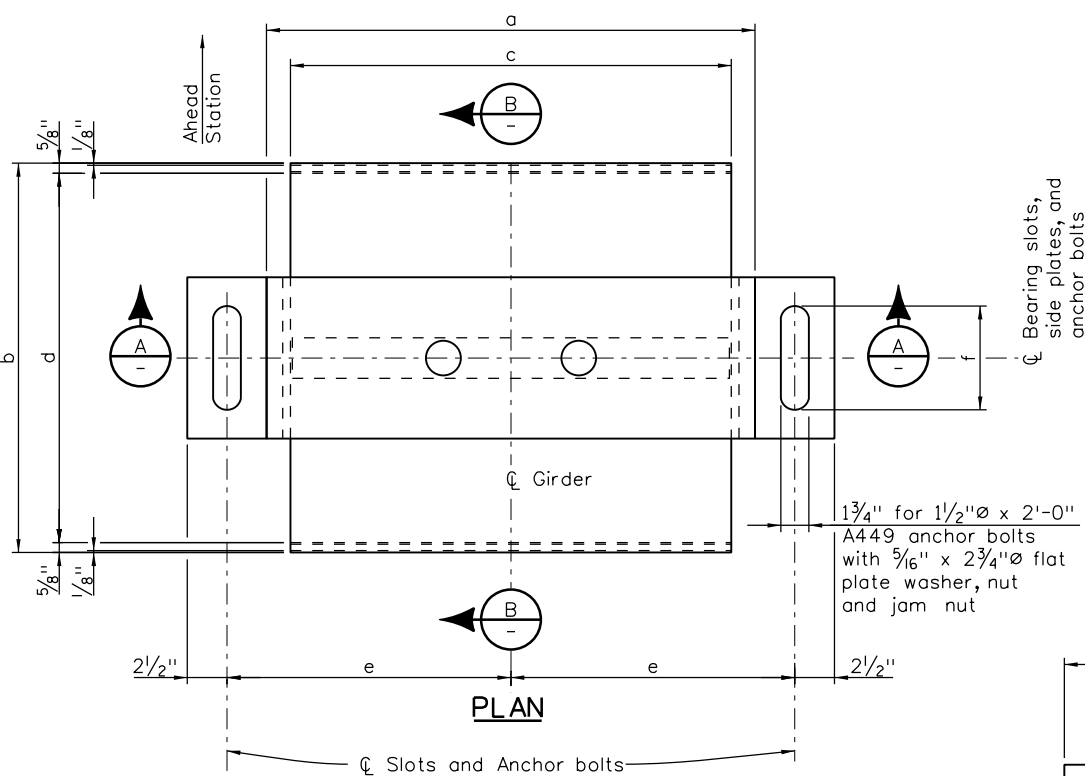
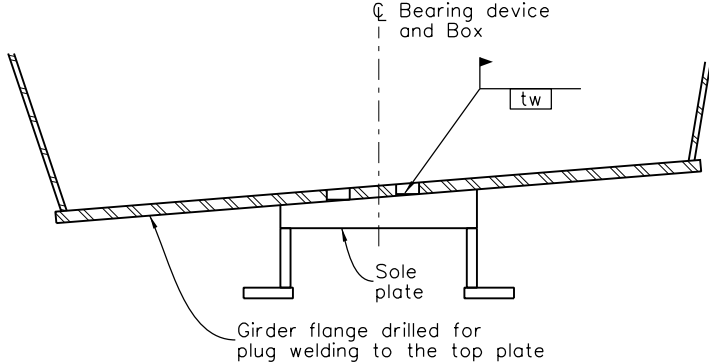


Revision Dates				
3/99	11/99	4/02	6/04	3/07
				10/13
				3/23
				9/24

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

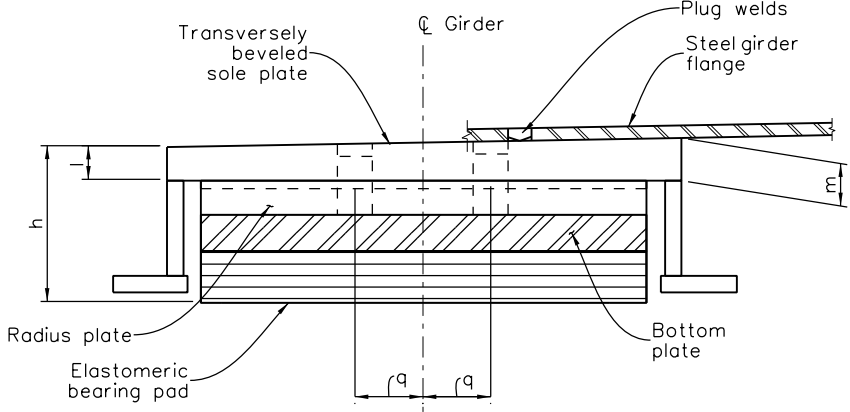


SECTION B-B
ELASTOMERIC BEARING DETAILS

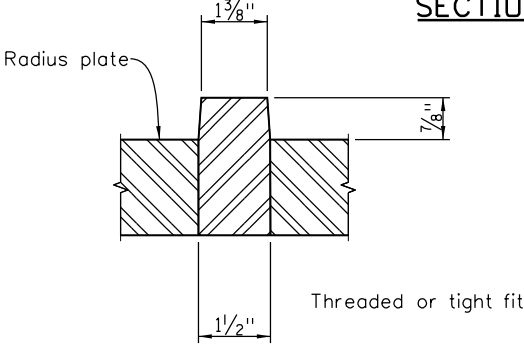


SECTION
Bearing stiffener and diaphragm not shown
TOP PLATE OF GIRDER CONNECTION
(STEEL GIRDER)

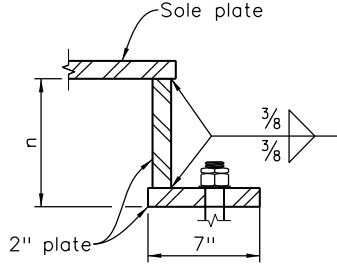
- NOTES:**
1. At fixed bearings, anchor bolt nuts shall be snugged and jammed with jam nuts. At expansion bearings, provide 1/4" clearance between nut and side plate under all temperature conditions prior to jamming.
 2. Do not paint steel surfaces in contact with elastomeric pad.
 3. Elastomeric pad, 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 $G = \text{_____}$ psi at 73°F.
 6. Hardness = _____ Duro (Shore A).
 7. AASHTO design method _____ has been used.



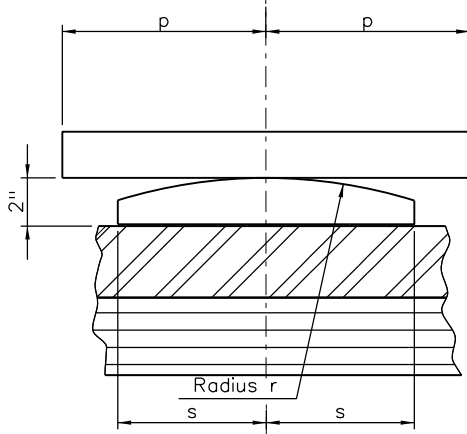
SECTION A-A



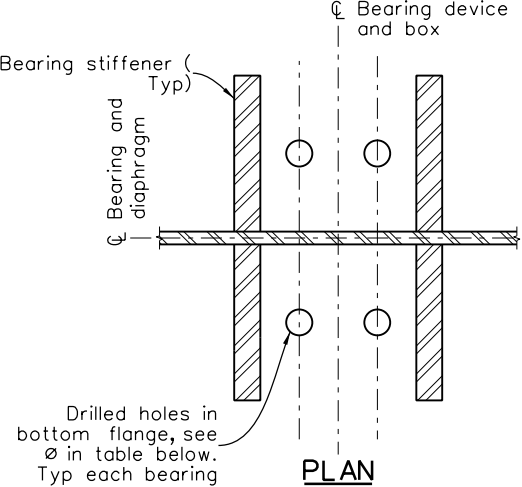
PINTLE DETAIL



SIDE PLATE DETAIL



RADIUS PLATE DETAIL



PLAN

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

Initials

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