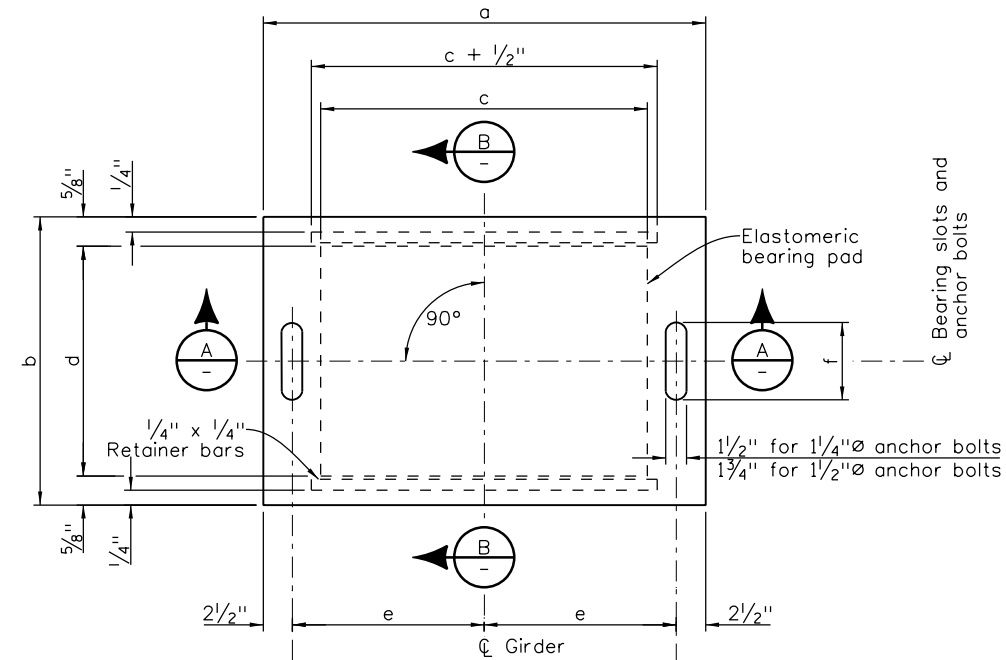
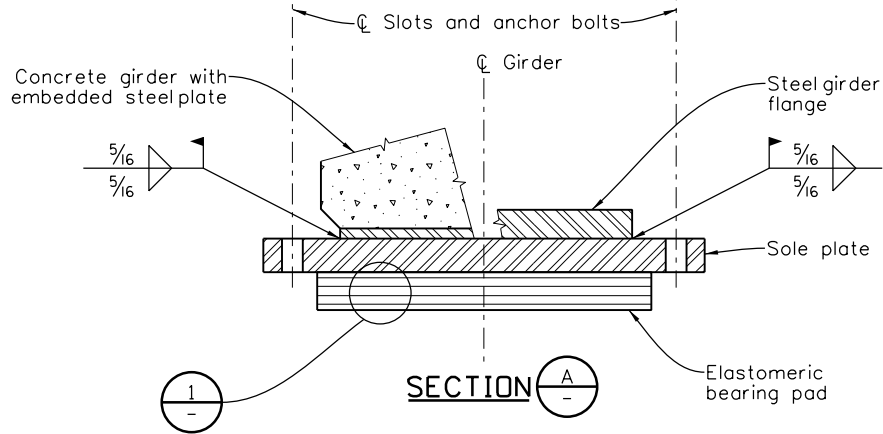


Revision Dates				
3/99	11/99	4/02	6/04	3/23
9/24				

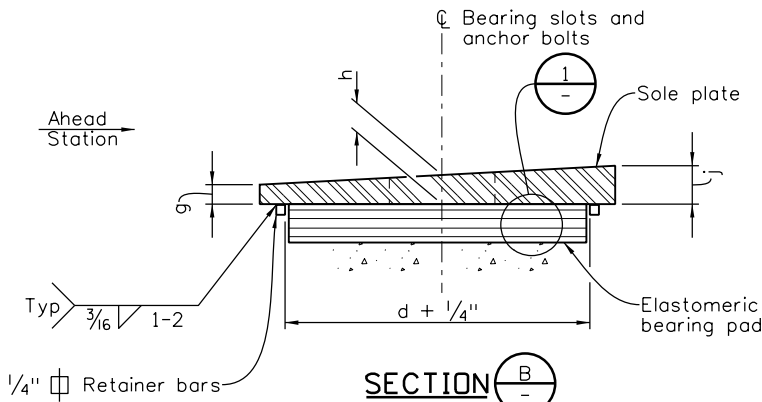
INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						



PLAN



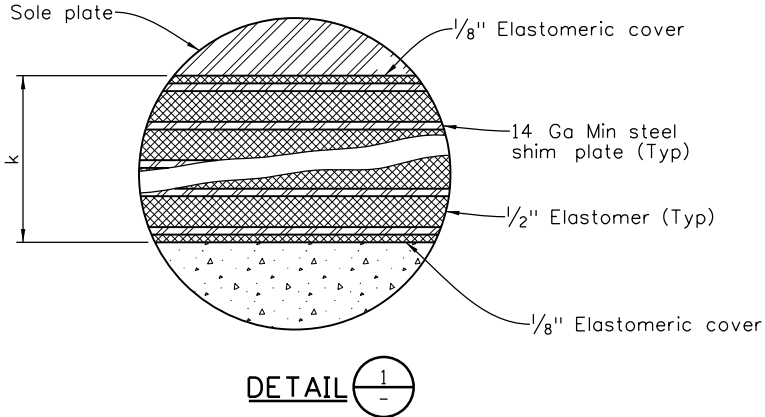
SECTION A



SECTION B

ELASTOMERIC BEARING DETAILS

Designer:
As shown in Detail "1", the thickness of the elastomeric covers may be as small as 1/8" (default thickness) or as large as 3/8". Also, the top and bottom covers must be equal in thickness. The maximum Shore A hardness allowed in a laminated bearing is 50 Durometer for method A and 60 Durometer for method B.



DETAIL 1

Use for $k > 3/4"$.
When $k \leq 3/4"$, a plain elastomeric pad shall be used.

NOTES:

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


Location	No Req'd	Maximum Design Load Kip	Dimensions (Inches)									
			a	b	c	d	e	f	g	h	j	k

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

Print Date: \$DATE\$
File Name: Sheet_B-512-1.dgn
Horiz. Scale: None 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 I)				Project No./Code
					Project Number
No Revisions:	Designer: XXXXXXXX	Structure Numbers	X-XX-XX		Code
Revised:	Detailer: XXXXXXXX		X-XX-XX		
Void:	Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX			Sheet Number