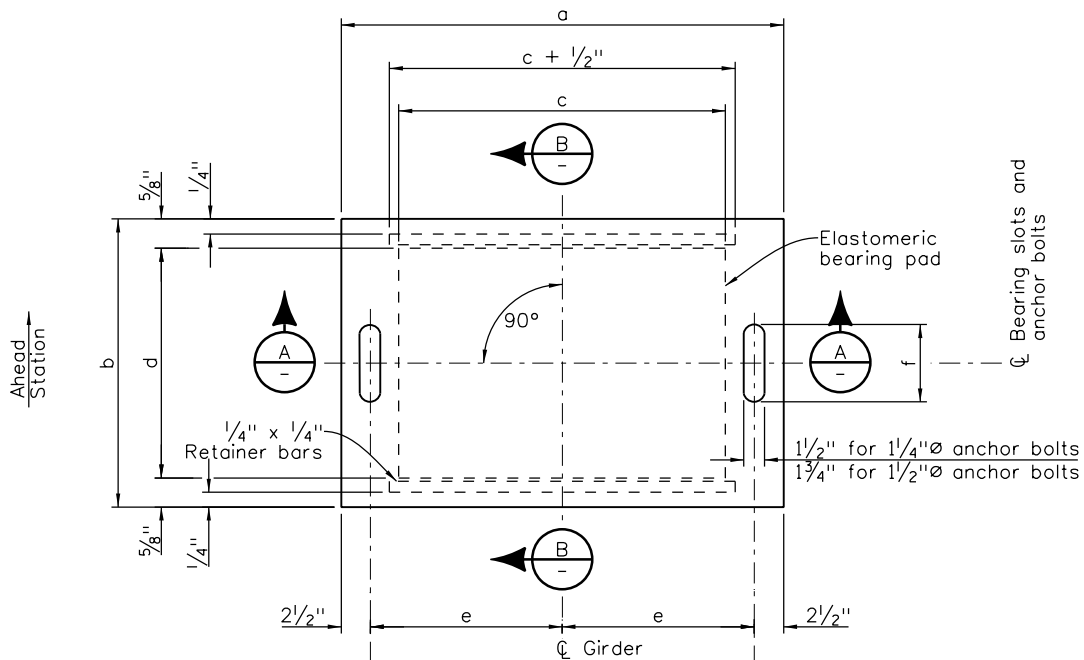
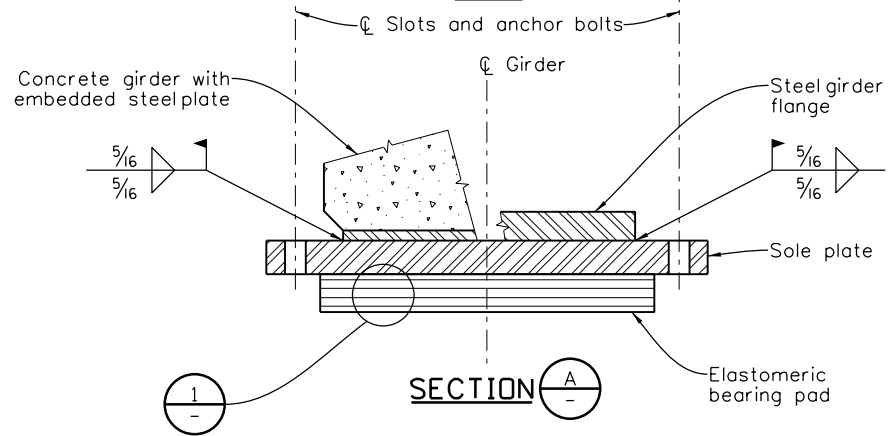


Revision Dates				
3/99	11/99	4/02	6/04	3/23
9/24				

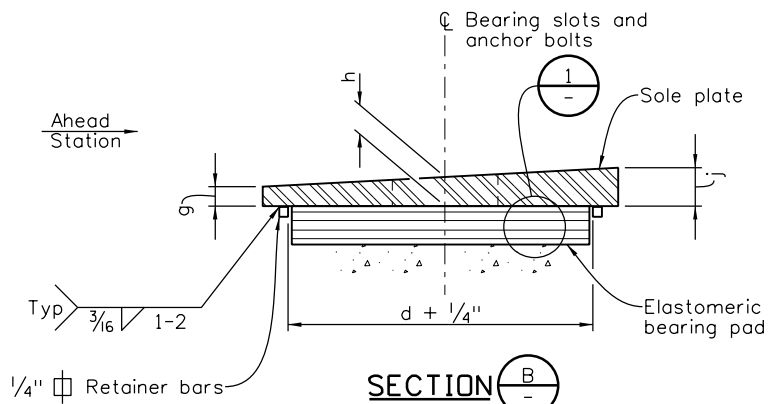
INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						



PLAN



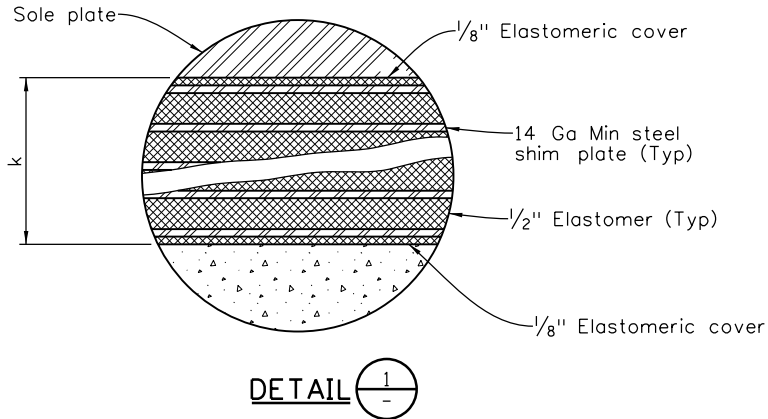
SECTION A



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:

- 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.
- Do not paint steel surfaces in contact with elastomeric pad.
- Elastomeric pad, sole plate, anchor bolts, and miscellaneous hardware shall be included in the bid price for Item 512, Bearing Device (Type I).
- Grade 3 elastomer shall be used.
- Higher grade elastomer may be substituted for grade 3 at no additional cost to the project.
- Design shear modulus $G =$ _____ psi at 73°F.
- Hardness = _____ Duro (Shore A).
- 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

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Denver, CO 80204
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Staff Bridge Branch

As Constructed

No Revisions:

Revised:

Void:

BEARING DEVICE (TYPE I)

Designer: XXXXXXXX
Detailer: XXXXXXXX
Sheet Subset: BRIDGE

Structure Numbers
X-XX-XX
X-XX-XX
Subset Sheets: BXX of XXX

Project No./Code

Project Number

Code

Sheet Number