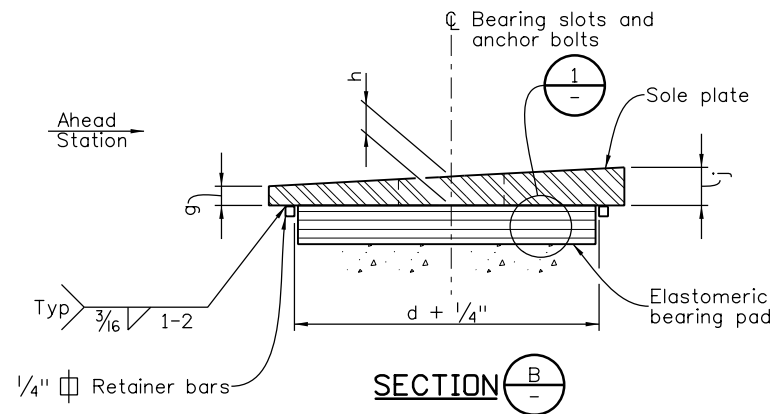
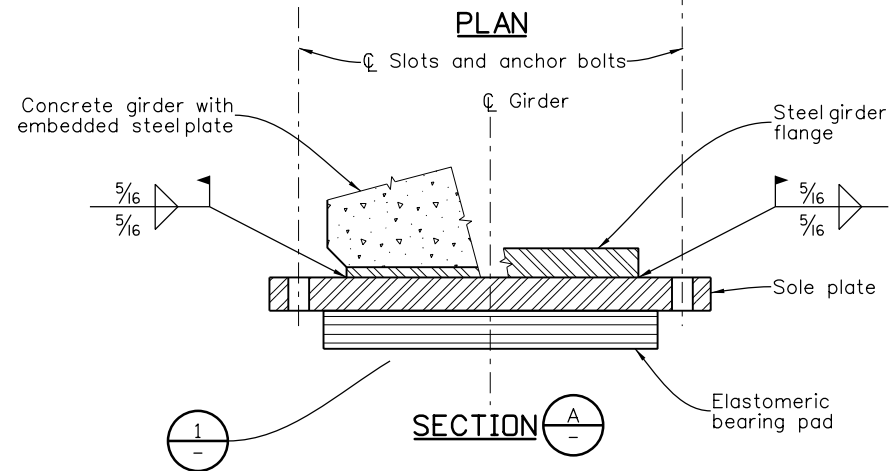
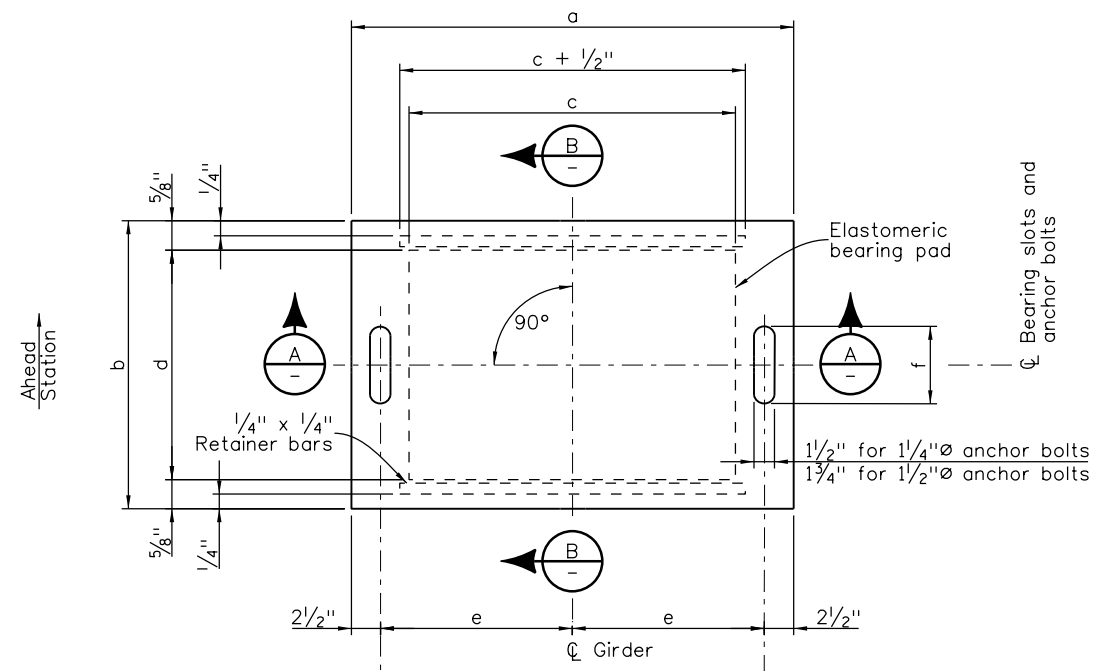


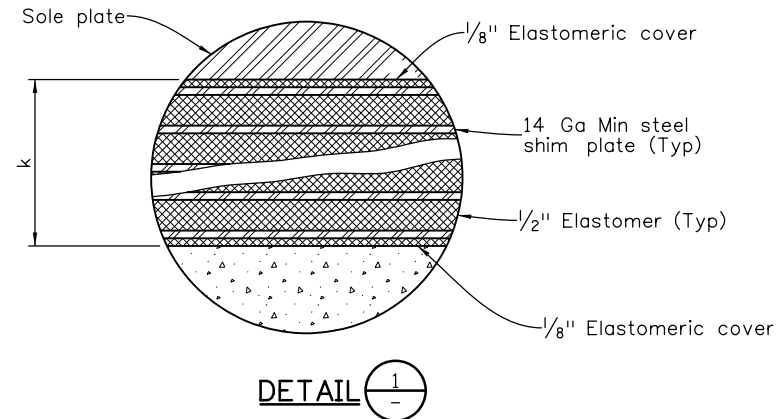
Revision Dates	(Preliminary Stage Only)					
1/97	3/99	11/99	4/02	6/04	3/07	10/13
3/23						

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						



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.



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 $G = \text{-----}$ 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\$	Sheet Revisions			Colorado Department of Transportation				As Constructed		BEARING DEVICE (TYPE I)				Project No./Code	
	File Name: Sheet_B-512-1.dgn	Date:	Comments	Init.	2829 West Howard Place, 3rd Floor Denver, CO 80204 Phone: 303-512-4079 FAX: 303-757-9197				No Revisions:		Designer: XXXXXXXX Structure X-XX-XX				Project Number	
	Horiz. Scale: Not to Scale Vert. Scale: As Noted				Staff Bridge Branch				Revised:		Detailer: XXXXXXXX Structure Numbers X-XX-XX				Code	
	Unit Information Unit Leader Initials				Initials				Void:		Sheet Subset: BRIDGE Subset Sheets: BXX of XXX				Sheet Number	