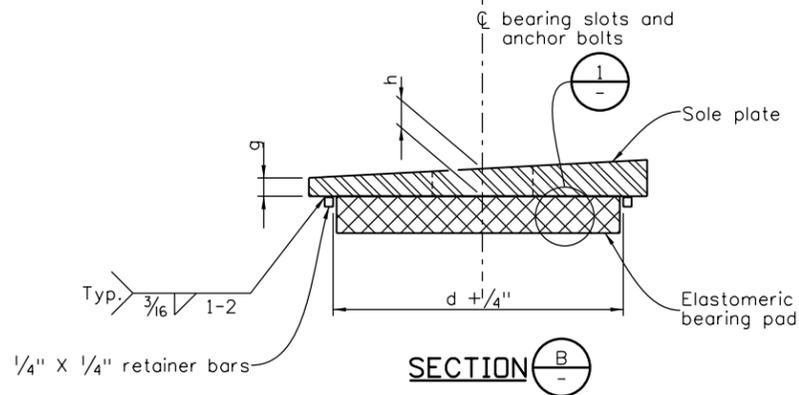
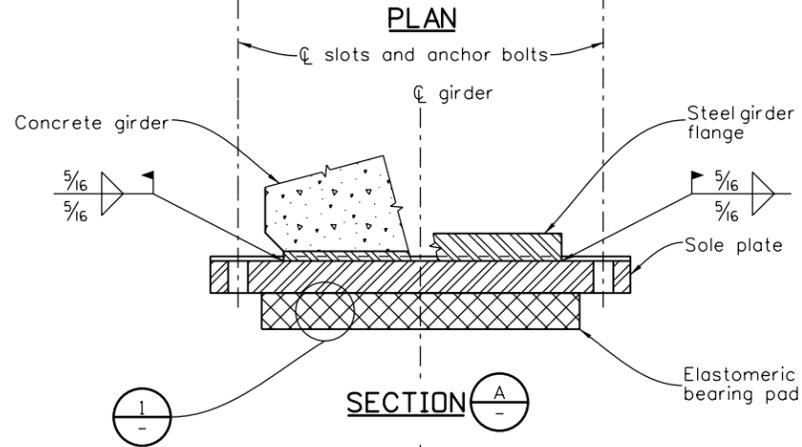
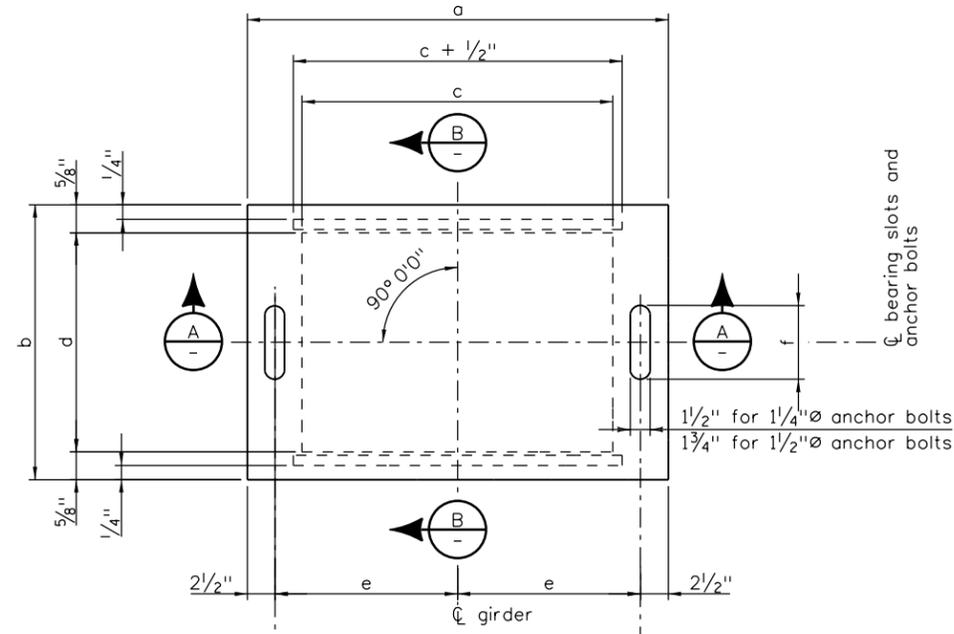


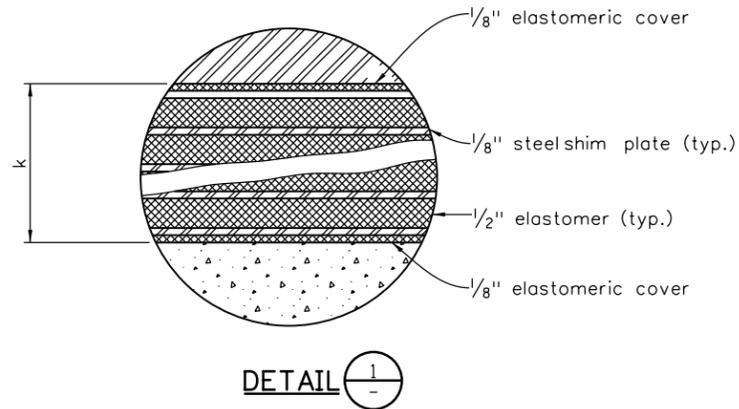
Revision Dates (Preliminary Stage Only)	
4/93	10/13
1/97	3/07
3/99	6/04
11/99	4/02

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
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:

Anchor bolt nuts shall be snugged and jammed with jam nuts at fixed bearings. At expansion bearings, provide $1/4"$ clearance between jam nut and sole plate under all temperature conditions prior to jaming.

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.

Design shear modulus $G =$ _____ psi. at 73°F .

Hardness = _____ Duro (Shore A).

AASHTO design method _____ has been used.

Location	No. Req'd	Vertical Load Per Brg. (kips)	Dimensions (Inches)																	
			a	b	c	d	e	f	g	h	j	k								

Print Date: \$DATE\$
File Name: Sheet_B-512-1.dgn
Horiz. Scale: NTS Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

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Staff Bridge Branch Initials

As Constructed
No Revisions:
Revised:
Void:

BEARING DEVICE (TYPE I)			
Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Project No./Code
Detailer: XXXXXXXX	Structure Numbers	X-XX-XX	
Sheet Subset: BRIDGE	Subset Sheets: BXX of XXX		Sheet Number

Project No./Code
Project Number
Code
Sheet Number