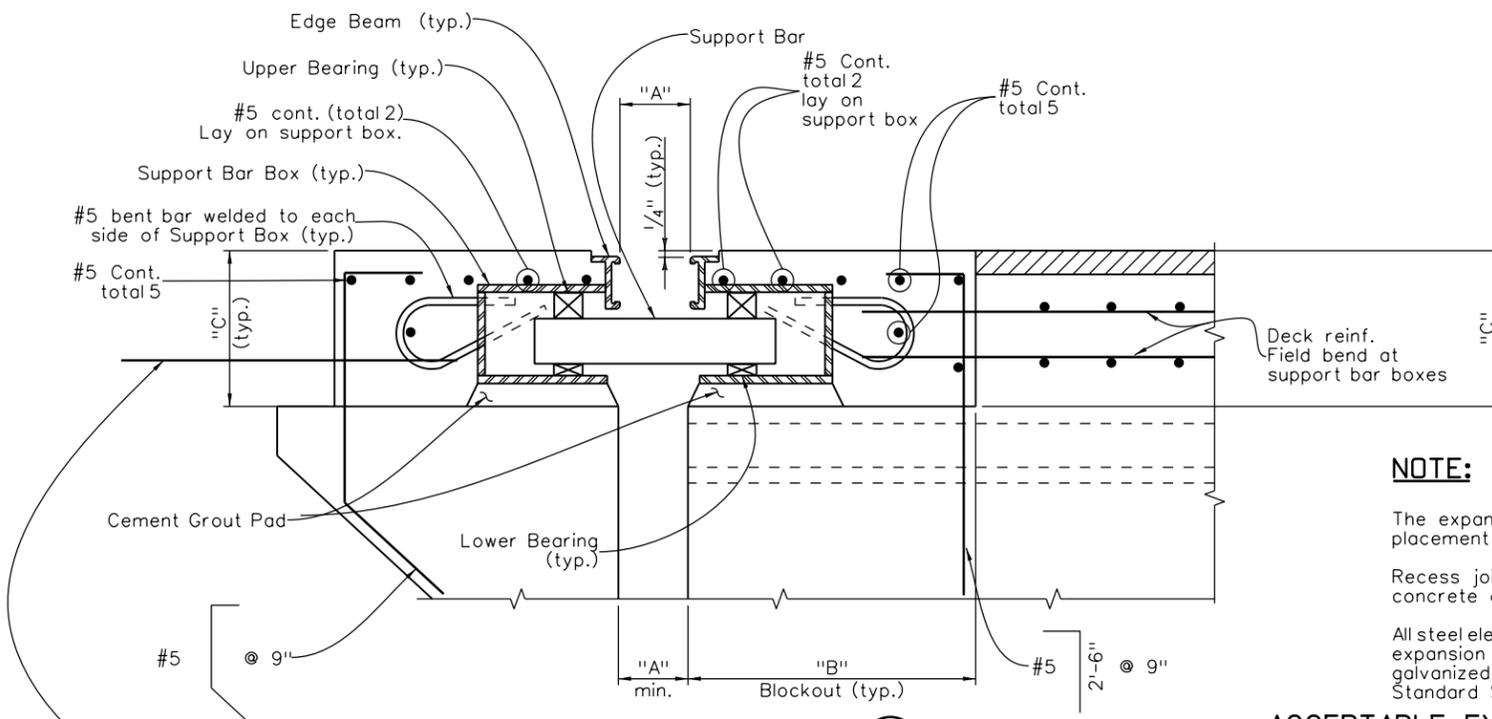
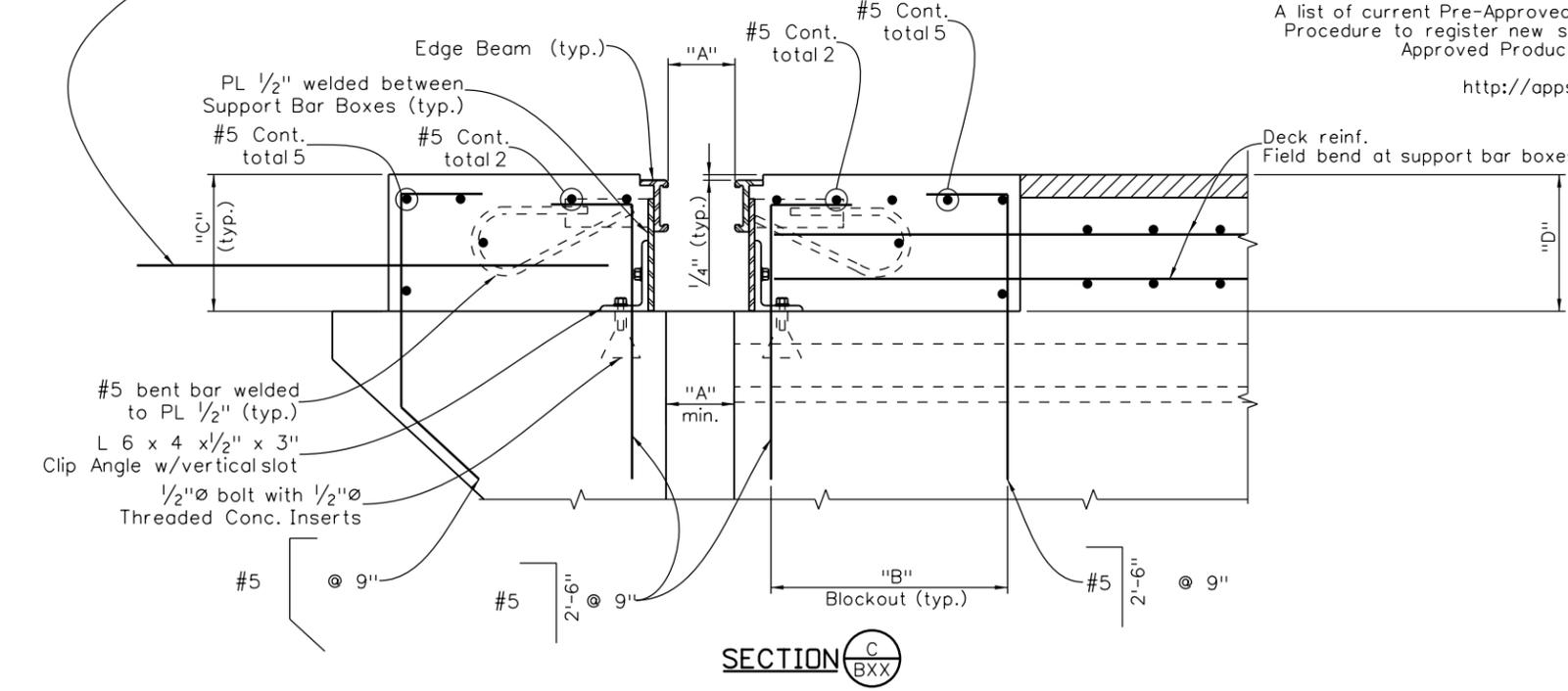


Revision Dates (Preliminary Stage Only)	
8/94	5/13
8/96	3/07
3/99	4/02
11/99	5/00
3/99	3/07

Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By	Checked By	Detailed By	Checked By	Quantities By	Checked By
XXX	XXX	XXX	XXX	XXX	XXX



See approach slab Details for reinforcing. (May need to hook at support boxes.)



**NOTE:**

The expansion device shall be loosely in place prior to the placement of deck reinforcing and the deck pour.

Recess joint armor and edge beams 1/4" below finished concrete as shown.

All steel elements (whether grade A36 or A588) of the bridge expansion device, including cover plates, shall be hot dip galvanized after fabrication as per Section 509.11 of the Standard Specifications.

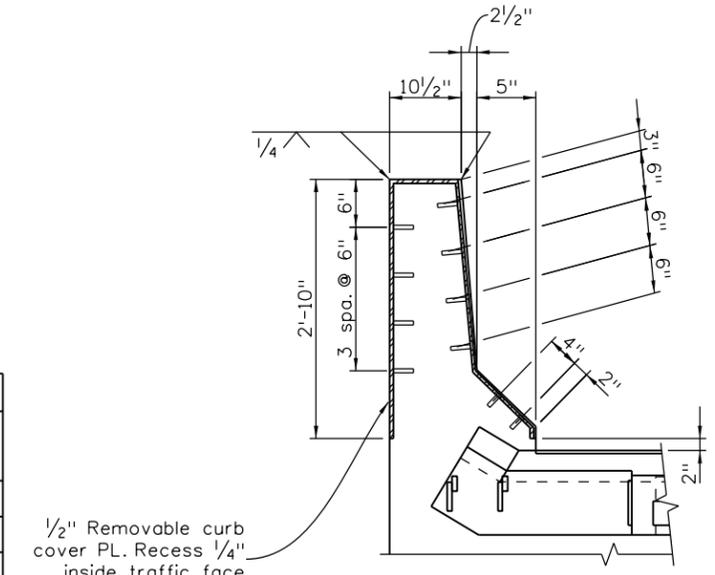
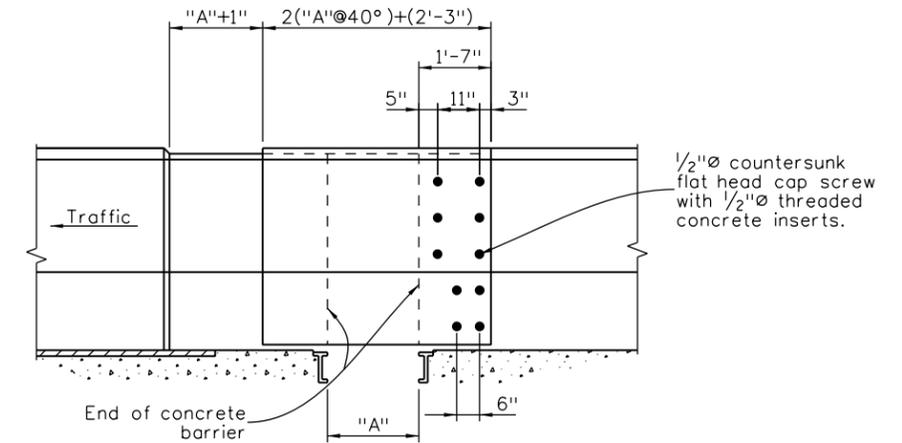
**ACCEPTABLE EXPANSION DEVICE ALTERNATES**

- Wabo modular expansion joint system
- Steeflex modular expansion joint system
- or approved equal.

A list of current Pre-Approved Lot numbers, Suppliers, and the Procedure to register new suppliers can be found on CDDT Approved Products List Web site at:

<http://apps.coloradodot.info/apl/AplSearch.cfm>

DIMENSIONS	LOCATION
"A" Structure Temp.	
30°	
40°	
50°	
60°	
70°	
80°	
90°	
100°	
DIMENSIONS	
"B"	
"C"	



**NOTE:**

Fabricate cover plate after bridge rail installation using field measurements.

Print Date: \$DATE\$

File Name: Sheet\_B-518-M1C.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**

4201 East Arkansas Avenue  
Room 107  
Denver, CO 80222  
Phone: 303-757-9309 FAX: 303-757-9197

**Staff Bridge Branch**      **Initials**

<b>As Constructed</b>
No Revisions:
Revised:
Void:

BRIDGE EXPANSION DEVICE (0- INCH) CONCRETE GIRDER			
Designer:	XXXXXXXX	Structure Numbers	X-XX-XX
Detailer:	XXXXXXXX	Subset Sheets:	X-XX-XX
Sheet Subset:	BRIDGE	Subset Sheets:	BXX of XXX

<b>Project No./Code</b>
Project Number
Code
Sheet Number