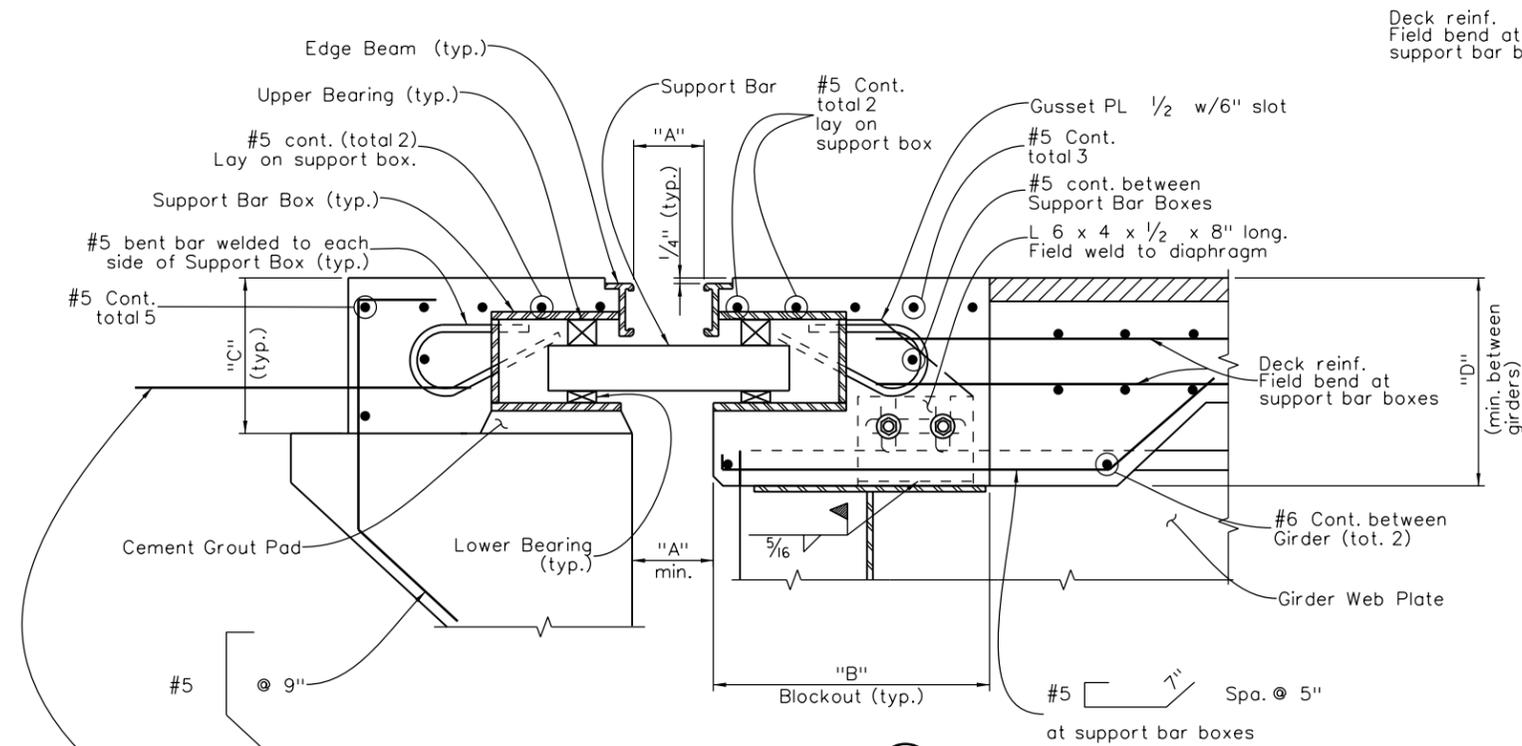
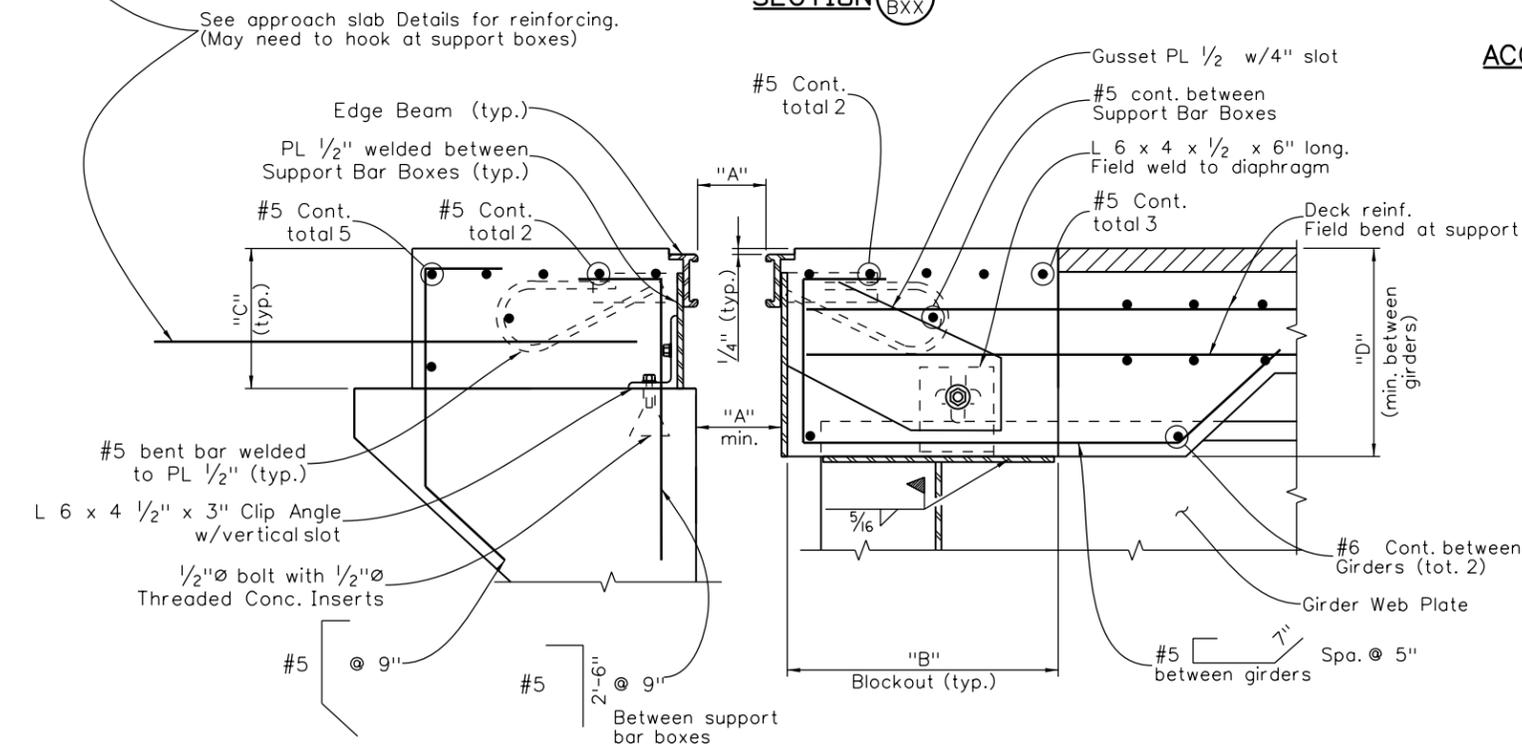


Revision Dates (Preliminary Stage Only)	
8/94	8/96
3/99	11/99
5/00	4/02
3/07	5/13

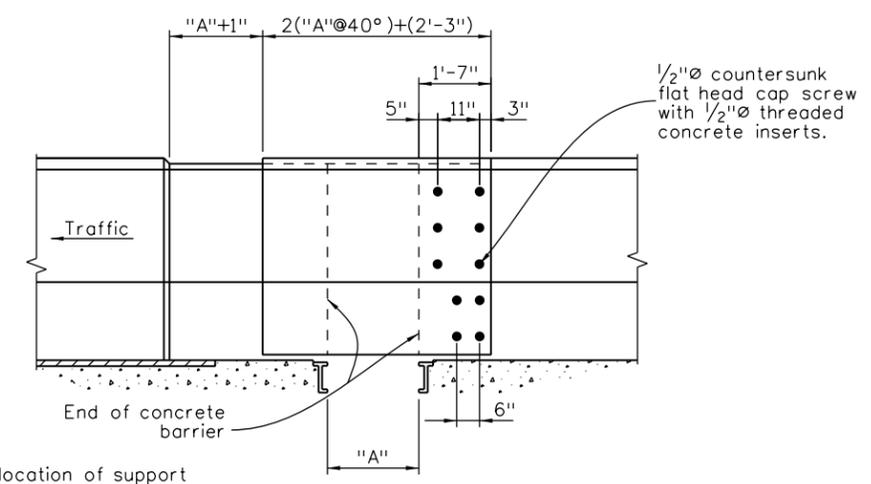
Design		Detail		Quantities	
INITIAL	DATE	INITIAL	DATE	INITIAL	DATE
XXX	MM/YY	XXX	MM/YY	XXX	MM/YY
Designed By	Checked By	Detailed By	Checked By	Quantities By	Checked By
XXX	XXX	XXX	XXX	XXX	XXX



SECTION B-BXX



SECTION C-CXX



ELEVATION

(Traffic face of Bridge Barrier)

NOTE:

The Contractor shall coordinate the location of support bar boxes to avoid interference with the diaphragm shear studs.

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.

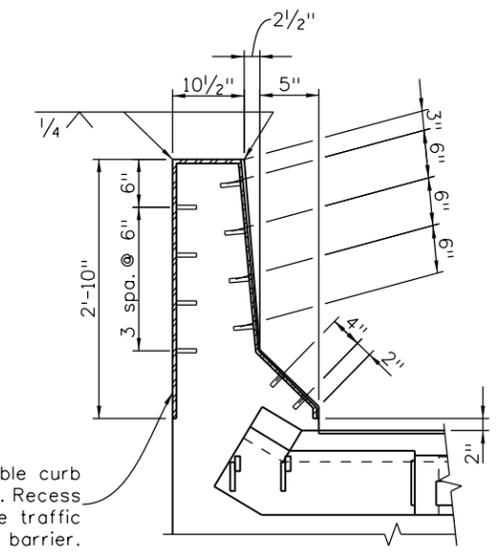
ACCEPTABLE EXPANSION DEVICE ALTERNATES

- Wabo modular expansion joint system
- Steefflex 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 CDOT 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"	
"D"	



TYPICAL SECTION

NOTE:

Fabricate cover plate after bridge rail installation using field measurements.

Print Date: \$DATE\$
File Name: Sheet_B-518-M1S.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

As Constructed
No Revisions:
Revised:
Void:

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

Project No./Code	
Project Number	
Code	
Sheet Number	