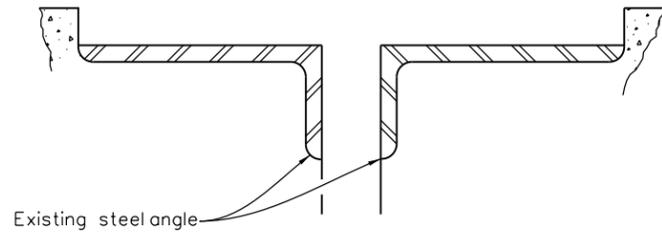


**INSTALLATION PROCEDURE**

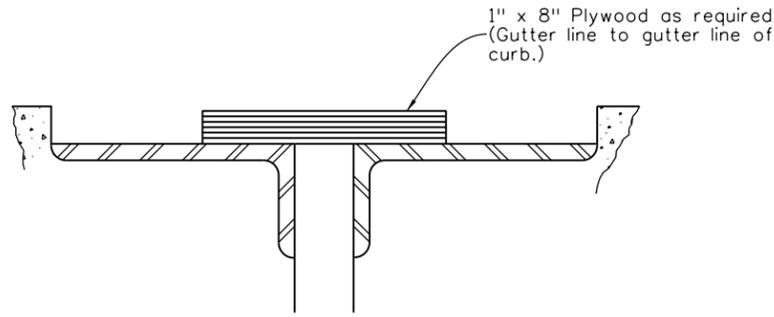
Steps 1 through 3: Mill, waterproof and pave to finished grade.

Step 4: Saw cut and remove existing joints. Clean blockout then install new joints and elastomeric concrete to finished grade, per Manufacturer's instructions.

Detailer:  
Show actual complete device. Specify portions to be removed. Make all views match actual situation. Determine XX and YY and fix the ▲ note accordingly. The gap shall never be smaller than 1" under extreme temperature conditions.

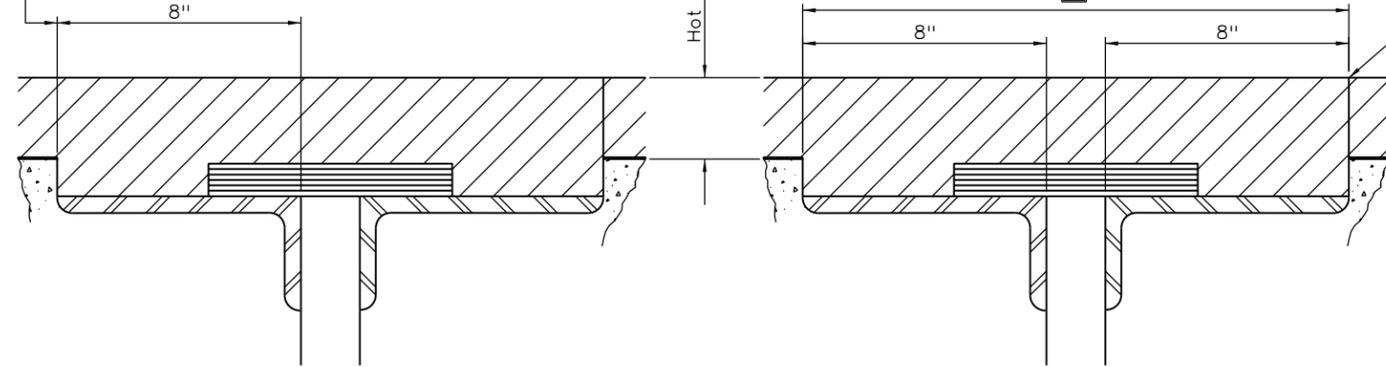


Section thru slab  
**STEP 1**



1" x 8" Plywood as required  
(Gutter line to gutter line of curb.)  
**STEP 2**  
Acceptable Alternates  
WABD SE400-A with WABDCrete  
D.S. Brown A2R400-SSA2 with Delcrete  
Epoxy Industries S400-A with CEVACrete

Stop waterproofing membrane here. Typical each side of Exp'n jt. if applicable.

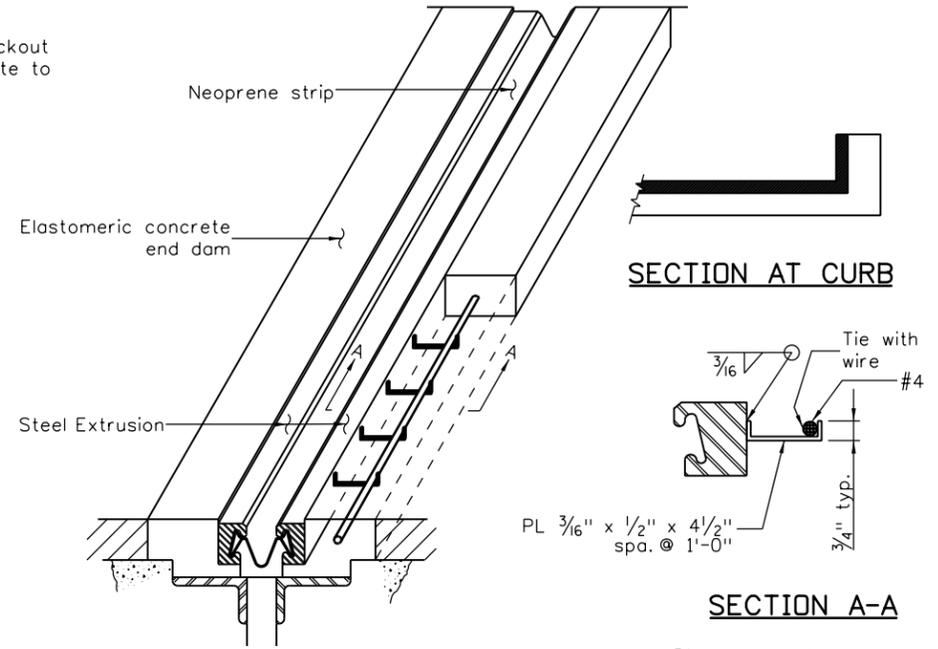


**STEP 3**

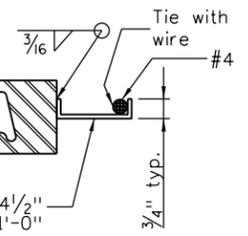
**STEP 4**

STR No.	Dimension "A"	
	Abut 1	Last Abut.

After saw cut, remove Hot Mix Asphalt and plywood in this area and sandblast exposed surfaces. Remove all loose particles before placing Expansion Device and Elastomeric Concrete End Dam.



**SECTION AT CURB**

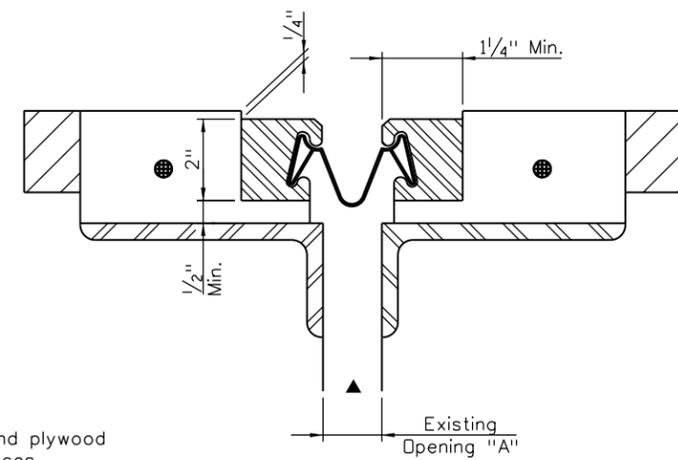


**SECTION A-A**

**DETAIL AT EXPANSION DEVICE**

3/16" PL and #4 reinforcing bar are to be included in the cost of the expansion device and shown on the shop drawings.

If applicable, special field weld details to handle stage construction shall be shown on the expansion device shop drawings.



**DECK DETAIL**

Minimum opening = XX inches at 60°F ambient temperature. Adjust YY inches per 10° of temperature change.

Revision Dates	(Preliminary Stage Only)
11/92	5/01
8/94	4/02
3/99	3/07
8/94	5/13

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

Print Date: \$DATE\$
File Name: Sheet_B-518-1R.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 (0-4 INCH) REPLACEMENT			
Designer:	XXXXXXXX	Structure	X-XX-XX
Detailer:	XXXXXXXX	Numbers	X-XX-XX
Sheet Subset:	BRIDGE	Subset Sheets:	BXX of XXX

Project No./Code
Project Number
Code
Sheet Number