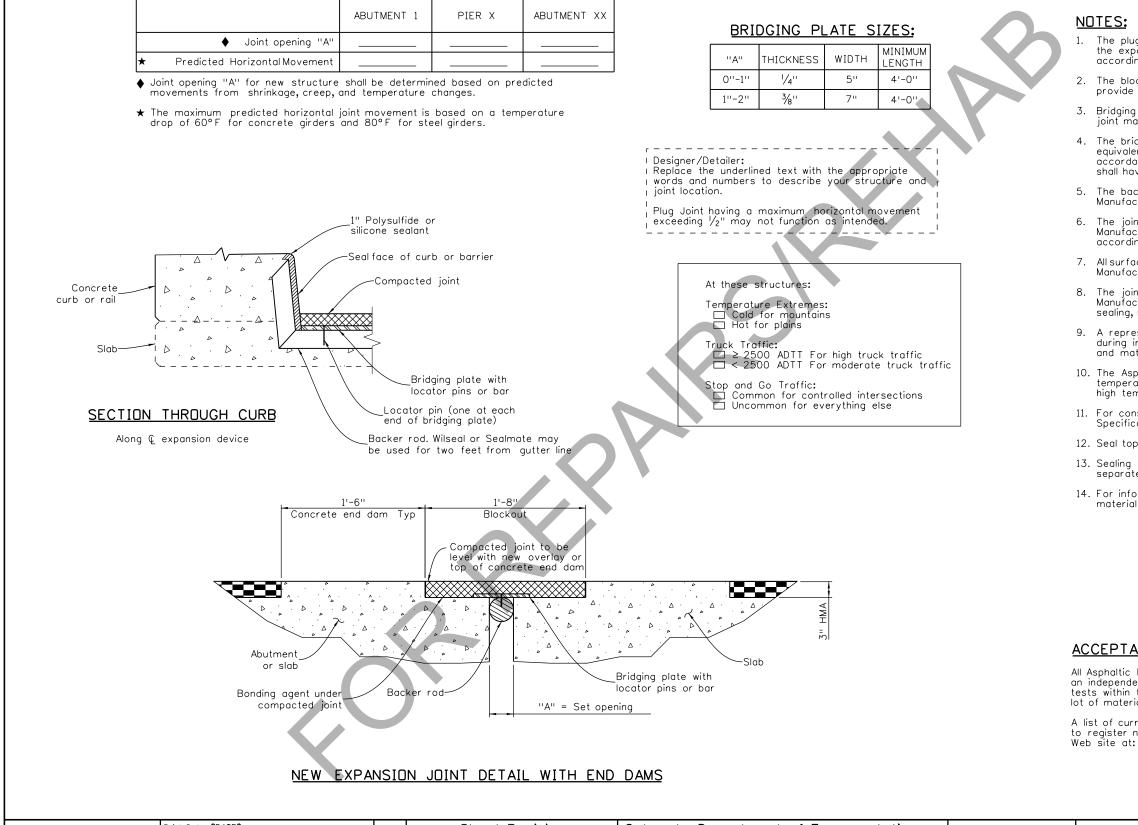
DESIGN DATA



	All seals for this set of F	Print Date: \$ DATE \$ File Name: Sheet_B-518-P.dan	-	Sheet Revisions		Colorado Department of Transportation	As Constructed	BRIDGE EXPANSION DEVICE	Project No./Code
		5		Date: Comments	Init.	2829 West Howard Place, 3rd Floor Denver, CD 80204	No Revisions:	(PLUG JOINT)	Project Number
		nit Information Unit Leader Initials			Phone: 303-512-4079 FAX: 303-757-9197	Revised:	Designer: XXXXXXXX Structure X-XX-XX Detailer: XXXXXXXX Numbers X-XX-XX	Code	
))			Staff Bridge Branch Initials	Void:	Detailer: XXXXXXXX Numbers X-XX-XX Sheet Subset: BRIDGE Subset Sheets: BXX of XXX	Sheet Number

SPL07

DESIGN DATE DETAIL DATE QUANTITY DATE

24

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 Revision Dates

 3/99
 11/99
 4/02
 6/04
 11/07
 5/13
 3/23

- The plug joint system shall include all labor and materials to install the expansion joint according to the Manufacturer's directions and according to these plans.
- 2. The blockout shall be formed to full depth and ground down to provide a uniform bearing surface for the bridging plate.
- 3. Bridging plates shall not rock on their supports prior to placing plug ioint material.
- 4. The bridging plate shall be A36 steel as shown on the Table A or equivalent approved by the Engineer. It shall be installed in accordance with the Manufacturer's directions. All bridging plates shall have locator pins or bars for centralizers.
- 5. The backer rod shall be secured and sealed according to the Manufacturer's directions.
- 6. The joint bonding agent shall be the type recommended by the Manufacturer for the joint system being installed. It shall be applied according to the Manufacturer's recommendations.
- 7. All surfaces in joint opening shall be cleaned according to the Manufacturer's directions.
- 8. The joints shall be installed and compacted according to the Manufacturer's procedures. The finished joint, after compacting and sealing, shall be flush with the top of the adjacent wearing surface.
- 9. A representative of the Manufacturer shall be on site prior to and during installation of the plug joints and shall approve the methods and materials before work commences.
- 10. The Asphaltic Binder shall not be overheated, either by absolute temperature limits of the material, or by extended time at a lower high temperature. Dverheated material shall be disposed of safely.
- 11. For construction requirements see section 518.08 of Standard Specifications.
- 12. Seal top of curb as directed by the Engineer.
- 13. Sealing the face of the curb or barrier will not be paid for separately, but will be included in the work.
- 14. For information only: it is estimated that xxx CF of compacted joint material is required.

ACCEPTABLE EXPANSION DEVICE ALTERNATES

All Asphaltic Plug Joint materials need a Certified Test Report (CTR) from an independent laboratory showing passing test results on all referenced tests within the most recent ASTM D 6297 using granite blocks for each lot of material to be included on the APL.

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

https://apl.codot.gov/