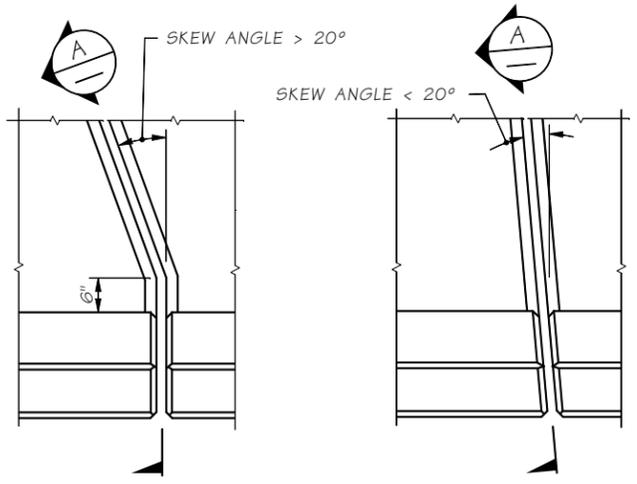
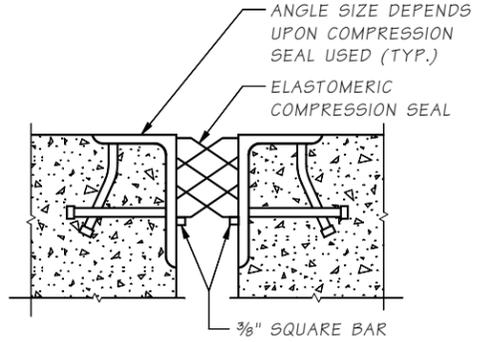


REVISED: 06/30/2020

SR JOB NO. SHEET

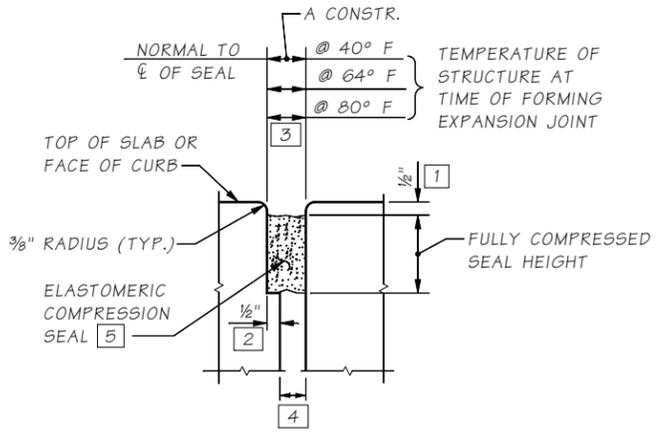


PLAN  
EXPANSION JOINT



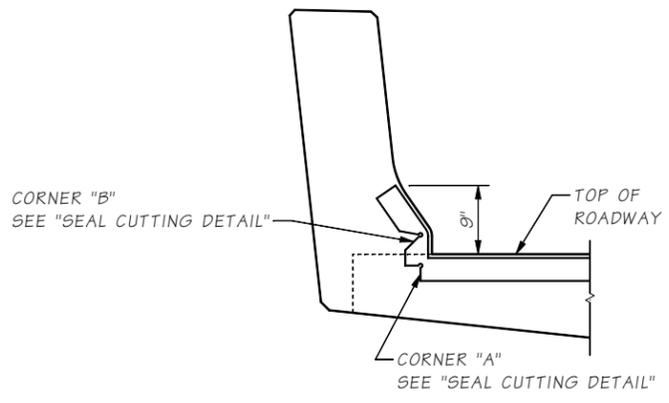
COMPRESSION SEAL  
ARMORED OPENING.  
USE IN BRIDGE WIDENINGS WITH EXISTING ARMORED JOINTS

NOTE:  
DESIGNER TO USE APPROPRIATE DETAILS FROM THIS SHEET AND CONSULT WITH EXPANSION JOINT SPECIALIST FOR LATEST PLAN SHEET LAYOUT, NOTES, AND UP-TO-DATE DETAILS.

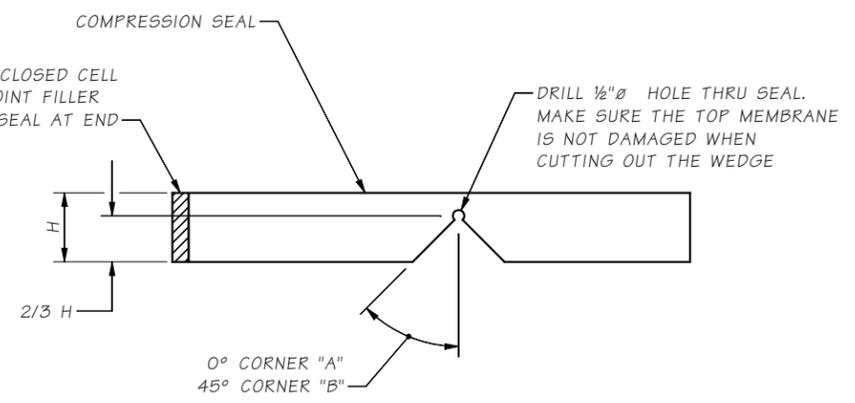


COMPRESSION SEAL  
CONCRETE OPENING

- DESIGN NOTES:** (REMOVE THESE AND CORRESPONDING FLAGS AFTER DESIGN)
- 1 USE 1/2" FOR ALL SEALS.
  - 2 USE 1/2" FOR ALL SEALS.
  - 3 COMPUTE "A CONSTR." PER EQUATION (12) @ 40°F, 64°F, AND 80°F.
  - 4 TO BE CHECKED BY THE DESIGNER. SHALL BE LARGE ENOUGH TO PREVENT CLOSURE UNDER THERMAL MOVEMENTS.
  - 5 SEE BDM SECTION 9.1.3A AND DESIGN EXAMPLE FOR COMPRESSION SEAL DESIGN AND SEE "COMPRESSION SEAL TABLE" ON THIS SHEET.



SECTION A



SEAL CUTTING DETAIL

COMPRESSION SEAL TABLE

D.S. BROWN		WATSON BOWMAN ACME	
SEAL	WIDTH	SEAL	WIDTH
CV-2000	2"	WA-200	2"
CV-2502	2 1/2"	WA-250	2 1/2"
CV-3000	3"	WA-300	3"
CV-3500	3 1/2"	WA-350	3 1/2"
CV-4000	4"	WA-400	4"

GENERAL NOTES:

1. COMPRESSION SEALS GREATER THAN FOUR INCHES WIDE SHOULD NOT BE USED
2. TESTING SHALL BE PER ASTM D2628 PRIOR TO USE OF ANY COMPRESSION SEAL

Bridge Design Engr.	M:\STANDARDS\Expansion Joints\COMPRESSION SEAL DET.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Tue Jun 30 10:47:38 2020

BRIDGE AND STRUCTURES OFFICE



EXPANSION JOINTS

EXPANSION JOINT DETAILS  
COMPRESSION SEAL

BRIDGE SHEET NO.  
SHEET  
OF  
SHEETS

9.1-A-1-1