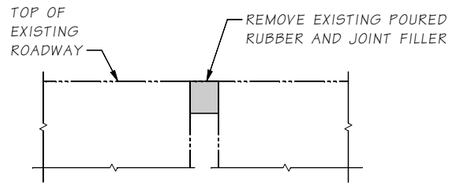
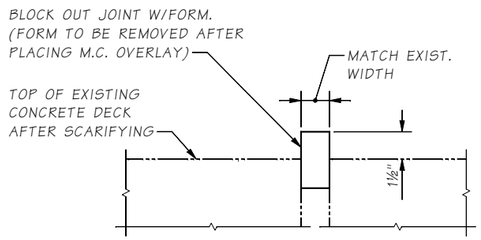
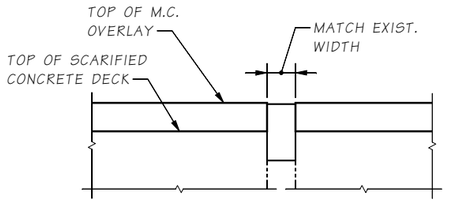


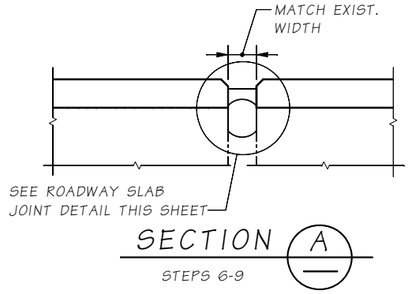
SECTION A
CONSTRUCTION STEP 1
EXISTING EXPANSION JOINT



SECTION A
CONSTRUCTION STEP 4



SECTION A
CONSTRUCTION STEP 5

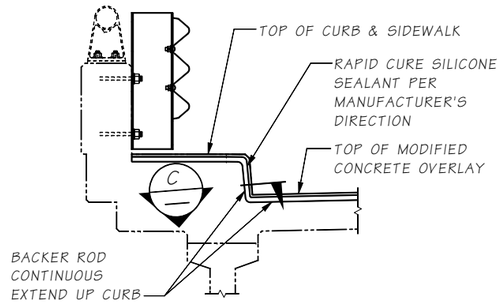


SECTION A
STEPS 6-9

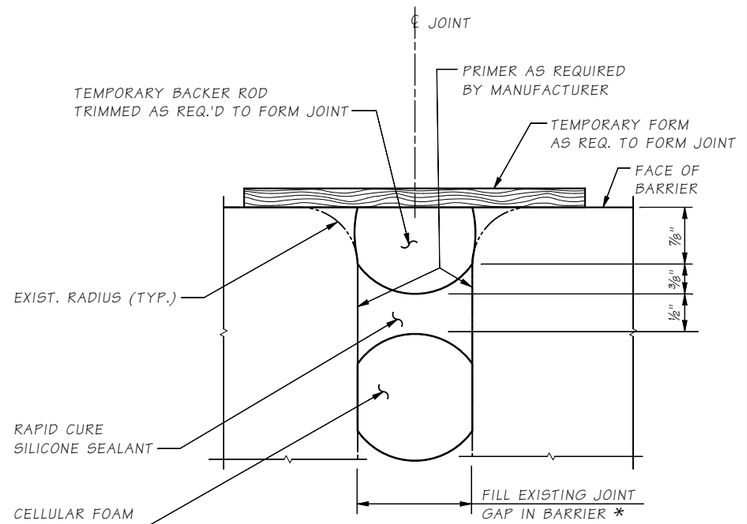
CONSTRUCTION STEPS:

1. REMOVE EXISTING POURED RUBBER & JOINT FILLER MATERIAL FROM EXPANSION JOINT.
2. CLEAN SIDES AND BOTTOM OF JOINT OPENING TO CLEAN AND SOUND CONCRETE.
3. BLOW JOINT OPENING WITH OIL-FREE COMPRESSED AIR TO REMOVE LAITANCE AND DEBRIS FROM REMOVAL OPERATIONS.
4. PLACE FORM IN EXISTING JOINT OPENING TO A HEIGHT LEVEL WITH THE FINAL ROADWAY ELEVATION.
5. PLACE MODIFIED CONCRETE OVERLAY TO FINAL RDW'Y ELEVATION.
6. REMOVE FORM FROM JOINT OPENING AND LIGHTLY SANDBLAST TO REMOVE ALL RESIDUE.
7. PLACE AN APPROPRIATELY SIZED BACKER ROD TO THE CORRECT DEPTH IN JOINT OPENING IN ACCORDANCE WITH SEALANT MANUFACTURER'S DIRECTIONS.
8. PLACE RAPID CURE SILICON SEALANT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.

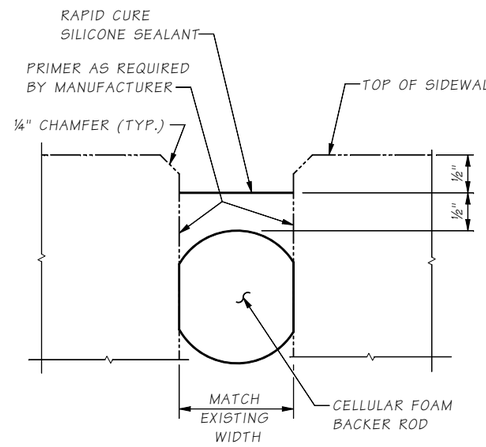
NOTE TO DESIGNER:
CONSTRUCTION STEPS ARE FOR USE WHEN APPLYING A MODIFIED CONCRETE OVERLAY ONLY.



SECTION B XX
RETROFIT AT CURB & SIDEWALK

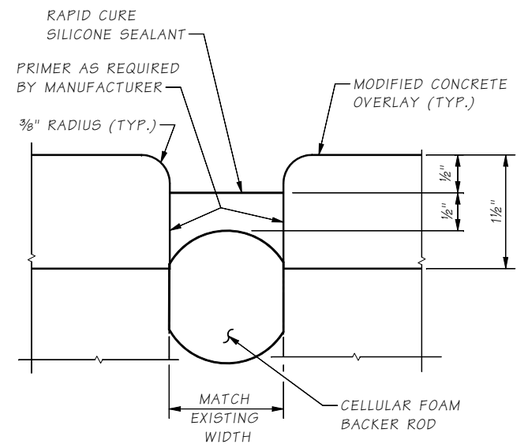


SECTION C
EXPANSION JOINT MODIFICATION AT EXISTING BARRIER OR CURB



EXPANSION JOINT DETAIL

EXPANSION JOINT MODIFICATION AT SIDEWALK



EXPANSION JOINT DETAIL

EXPANSION JOINT MODIFICATION AT ROADWAY SLAB

REVISED: 06/2/30/2020

SR ____ JOB NO. ____ SHEET ____

9.1-A3-1

Tue Jun 30 11:14:19 2020

Bridge Design Engr.	M:\STANDARDS\Expansion Joints\SILICONE SEAL DETAILS.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	APP'D					

BRIDGE AND STRUCTURES OFFICE

Washington State Department of Transportation

EXPANSION JOINTS

SILICONE SEAL EXPANSION JOINT DETAILS

BRIDGE SHEET NO.

SHEET OF SHEETS