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 ADEQUATELY SIZED BACKER ROD TO THE CORRECT DEPTH IN JOINT OPENING IN ACCORDANCE WITH SEALANT MANUFACTURER'S DIRECTIONS.
8. PLACE RAPID CURE SILICONE SEALANT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.

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

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**SECTION A**
CONSTRUCTION STEP 1
EXISTING EXPANSION JOINT

**SECTION B**
CONSTRUCTION STEP 4
EXISTING EXPANSION JOINT

**SECTION C**
CONSTRUCTION STEP 5
EXISTING EXPANSION JOINT

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TOP OF EXISTING ROADWAY
TOP OF EXISTING CONCRETE DECK
TOP OF MODIFIED CONCRETE OVERLAY
TOP OF CURB & SIDEWALK
TEMPORARY BACKER ROD
PRIMER AS REQUIRED BY MANUFACTURER
MODIFIED CONCRETE OVERLAY

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RAPID CURE SILICONE SEALANT
MATCH EXIST. WIDTH
MATCH EXIST. WIDTH
MATCH EXIST. WIDTH

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TEMPORARY FORM AS REQUIRED TO FORM JOINT
TEMPORARY FORM AS REQUIRED TO FORM JOINT
MATCH EXIST. WIDTH
MATCH EXIST. WIDTH

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NOTE:
- Block out joint with form. (Form to be removed after placing M.C. Overlay)
- Top of existing concrete deck after scarifying
- Match existing width
- Rapid cure silicone sealant
- Fill existing joint gap in barrier
- Trimmed as required to form joint

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WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
EXPANSION JOINT DETAILS