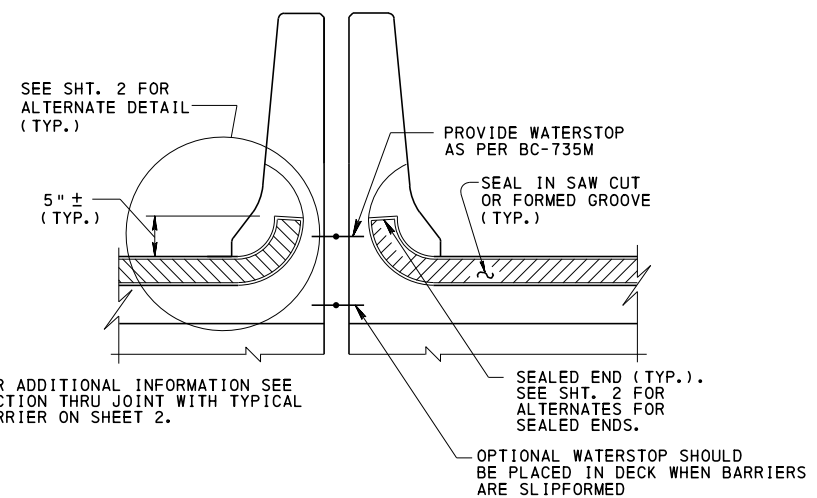


**PLAN AT SIDEWALK**  
SIDEWALK SEPARATED BY SLOPED BARRIER & CURB

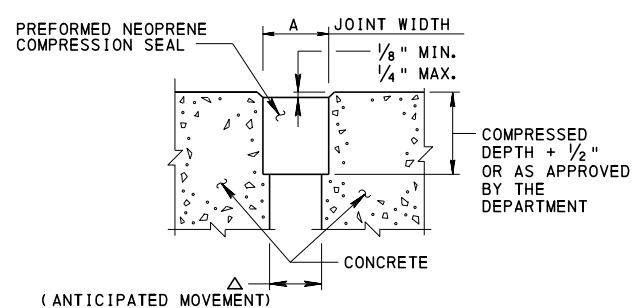
**PLAN AT BARRIER**

**PLAN AT SIDEWALK**



**SECTION AT BARRIER**

NOTE: FOR ADDITIONAL INFORMATION SEE SECTION THRU JOINT WITH TYPICAL BARRIER ON SHEET 2.



**TYPICAL JOINT DETAIL**

**GENERAL NOTES:**

1. PROVIDE MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION PUBLICATION 408.
2. ALL STEEL TO CONFORM TO AASHTO M 270, GR. 36 (ASTM A 709 GR. 36) UNLESS OTHERWISE SPECIFIED ON DESIGN DRAWINGS.
3. PAINT ALL STEEL SURFACES WITH 3 COATS IN THE SHOP IN ACCORDANCE WITH SECTION 1060 OF PUBLICATION 408. GALVANIZED STEEL IN ACCORDANCE WITH SECTION 1105.02 (S) OF PUBLICATION 408 CAN BE USED AS AN ALTERNATE.
4. USE FLATHEAD STAINLESS STEEL ASTM F 738M (TYPE 304) FOR COUNTERSUNK SCREWS WITH INSERTS. ALL CONCRETE INSERTS AND M20 COUNTERSUNK MACHINE SCREWS ARE 3/4" DIAMETER.
5. USE THIS STANDARD AS A GUIDE IN THE PREPARATION OF SHOP DRAWINGS.
6. ERECT EXPANSION DAM TO MATCH ROADWAY GRADE AND CROSS SLOPE.
7. MOVEMENT CLASSIFICATION OF THE SEAL TO BE NOT LESS THAN THE CLASSIFICATION SPECIFIED ON THE DESIGN DRAWINGS. ALL SEALS CONFORM TO THE REQUIREMENTS OF SECTION 705 OF PUBLICATION 408. OBTAIN APPROVAL FOR THE USE OF THE SEAL FROM THE CHIEF MATERIALS ENGINEER, LABORATORY TESTING SECTION, INNOVATION AND SUPPORT SERVICES DIVISION, BUREAU OF PROJECT DELIVERY.
8. THE SEALED JOINT IS CONSTRUCTED AT VARIOUS STAGES DURING DECK CONSTRUCTION; THEREFORE, PRECISELY CONTROL AND EXECUTE ALL OPERATIONS AS SPECIFIED IN SECTION 1008.3 OF PUBLICATION 408.
9. PROVIDE PREFORMED NEOPRENE COMPRESSION SEAL CONTINUOUS THROUGH THE DECK (BARRIER TO BARRIER). SPLICING OF SEAL IS NOT PERMITTED. TEMPORARY SEAL MAY BE REQUIRED DEPENDING ON STAGES OF CONSTRUCTION.
10. ASCERTAIN THAT THE TOP OF THE INSTALLED SEAL IS 1/4" MINIMUM TO 1/2" MAXIMUM BELOW THE DECK SURFACE AND THAT THE INTERSECTION OF THE VERTICAL AND THE HORIZONTAL SEALS AT THE GUTTER LINE IS WATERPROOF.
11. FOR JOINTS AT SHARP SKEWS, MODIFICATIONS TO BE MADE AS REQUIRED, BY THE DESIGNER, AND SHOWN ON THE DESIGN DRAWINGS.
12. USE THIS STANDARD FOR PREFORMED COMPRESSION SEALS ADJACENT TO APPROACH SLABS.
13. EITHER SAW-CUT OR FORM JOINT FOR PREFORMED NEOPRENE COMPRESSION SEAL. USE DOUBLE BLADE FOR SAW-CUTTING WHERE PERMITTED.
14. FABRICATOR TO PROVIDE A CHART SHOWING JOINT OPENING FOR TEMPERATURES BETWEEN -9°F TO 109°F FOR STEEL STRUCTURES AND 10°F TO 100°F FOR P/S CONCRETE STRUCTURES, IN 5° INTERVALS ON SHOP DRAWINGS.
15. MINIMUM MOVEMENT CLASSIFICATION 1".
16. TO INSURE THAT INSERTS AND SCREWS ARE ALIGNED PROPERLY, PLACE CURBS AND SIDEWALKS WITH 1/2" SLIDING PLATES IN PLACE. APPLY BOND BREAKER TO SLIDING PLATES PRIOR TO INSTALLATION.

GRADE 2

**COMMONWEALTH OF PENNSYLVANIA**  
**DEPARTMENT OF TRANSPORTATION**  
BUREAU OF PROJECT DELIVERY

STANDARD  
PREFORMED NEOPRENE COMPRESSION  
SEAL JOINT FOR APPROACH SLABS

BC-735M	WALL CONSTRUCTION & EXPANSION JOINT DETAILS	RECOMMENDED JAN. 31, 2019	RECOMMENDED JAN. 31, 2019	SHEET 1 OF 2
REFERENCE DRAWINGS		<i>T. Rosa R. Maciora</i> CHIEF BRIDGE ENGINEER	<i>Alvin J. Stata</i> ACTING DIR. BUR. OF PROJECT DELIVERY	BC-766M

