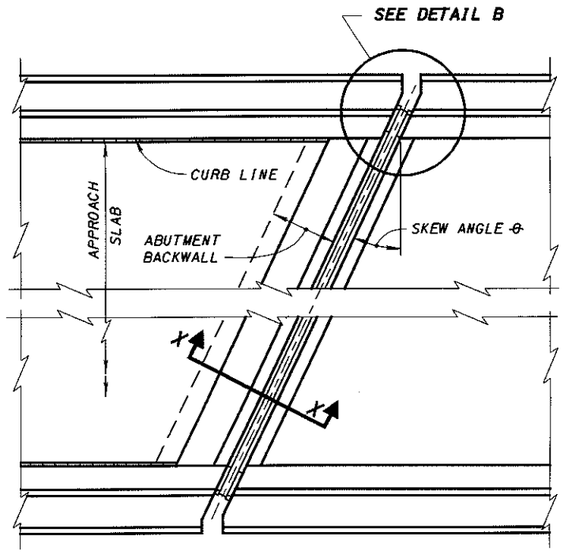
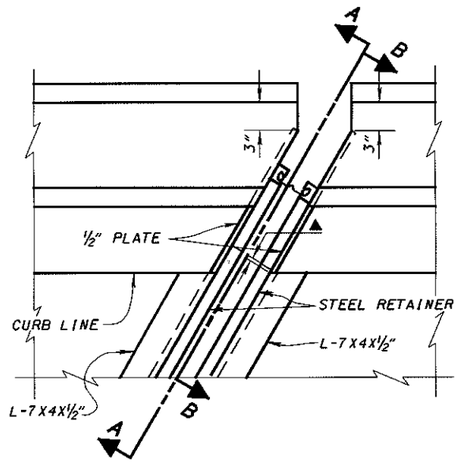


PLAN AT ABUTMENT

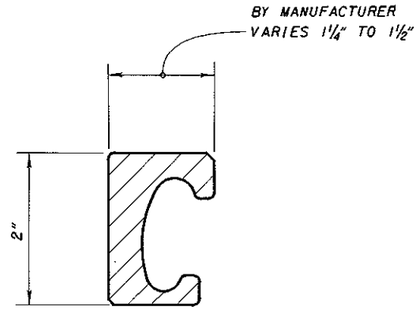
FOR SKEWED BRIDGES (OVER 15°)
WITH DEFLECTOR PARAPET RAILING

(BR-1 RAILING IS SHOWN, SBR-1-99 SHALL BE SIMILAR)

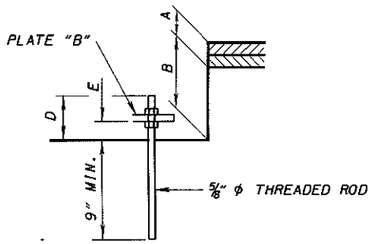


DETAIL B

SEE SHEET 1/5 FOR DEFINITION OF "▲", SECTION A-A AND SECTION B-B. SECTION A-A AND SECTION B-B ARE SIMILAR FOR SQUARE AND SKEWED BRIDGES EXCEPT FOR THE CONCRETE FORMING AT THE EDGE OF THE PARAPET.



RETAINER DETAIL



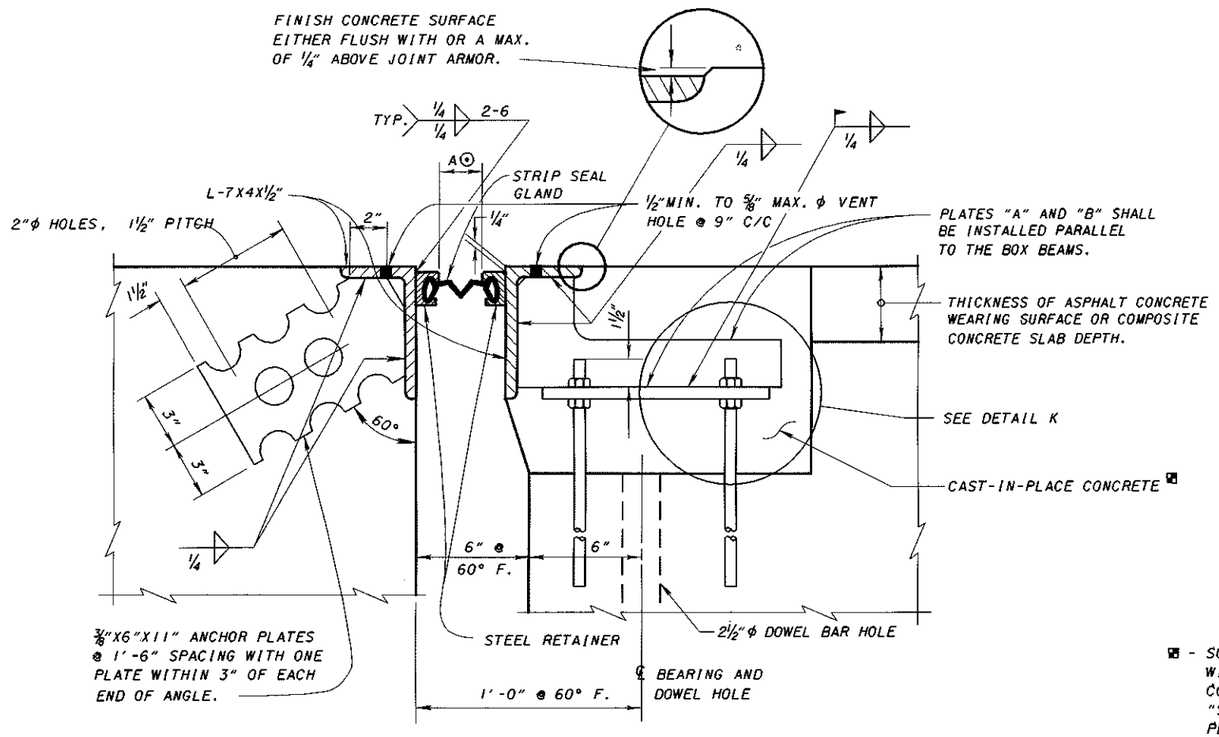
DETAIL K

A = ASPHALT CONCRETE WEARING SURFACE THICKNESS (OR COMPOSITE SLAB THICKNESS) AT NOTCH.

B = 5" NOTCH FOR 17" BEAMS OR 7" NOTCH FOR 21" THRU 42" BEAMS.

D = A + B - 4" (SHALL BE SHOWN ON THE PROJECT PLANS)

E = A + B - 6" (IF DIM. "E" IS LESS THAN 3", A BED OF NON-SHRINK GROUT, CMS 705.22, SHALL BE PLACED AND COMPACTED UNDER EACH PLATE "B" AFTER FINAL VERTICAL ADJUSTMENT.)



SECTION X-X

⊙ - DIMENSION "A" SHALL BE DETERMINED FROM TABLE "B", TABLE "C" OR TABLE "D" ON SHEET 4/5.

■ - SURFACE TEXTURE ON DECK JOINTS SHALL BE PARALLEL WITH THE JOINT FOR SKEWED BRIDGES WITH ASPHALT CONCRETE WEARING SURFACE. CONCRETE SHALL BE CLASS "S" OR SHALL MATCH THE CONCRETE SPECIFIED IN THE PLANS FOR A COMPOSITE DECK.

SEE SHEET 1/5 FOR SECTION A-A AND B-B

DESIGN AGENCY
OFFICE OF STRUCTURAL ENGINEERING

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
ENGINEER OF BRIDGES — DATE 01-20-94

REVIEWED	CHECKED	DESIGNED	REVISIONS
WTL/LMW	JS	AJM	2-14-97
	EXJ-5-93	DRAWN AJM	04-20-01

STANDARD
STRIP SEAL EXPANSION JOINTS
CONCRETE BOX BEAM STRUCTURES