

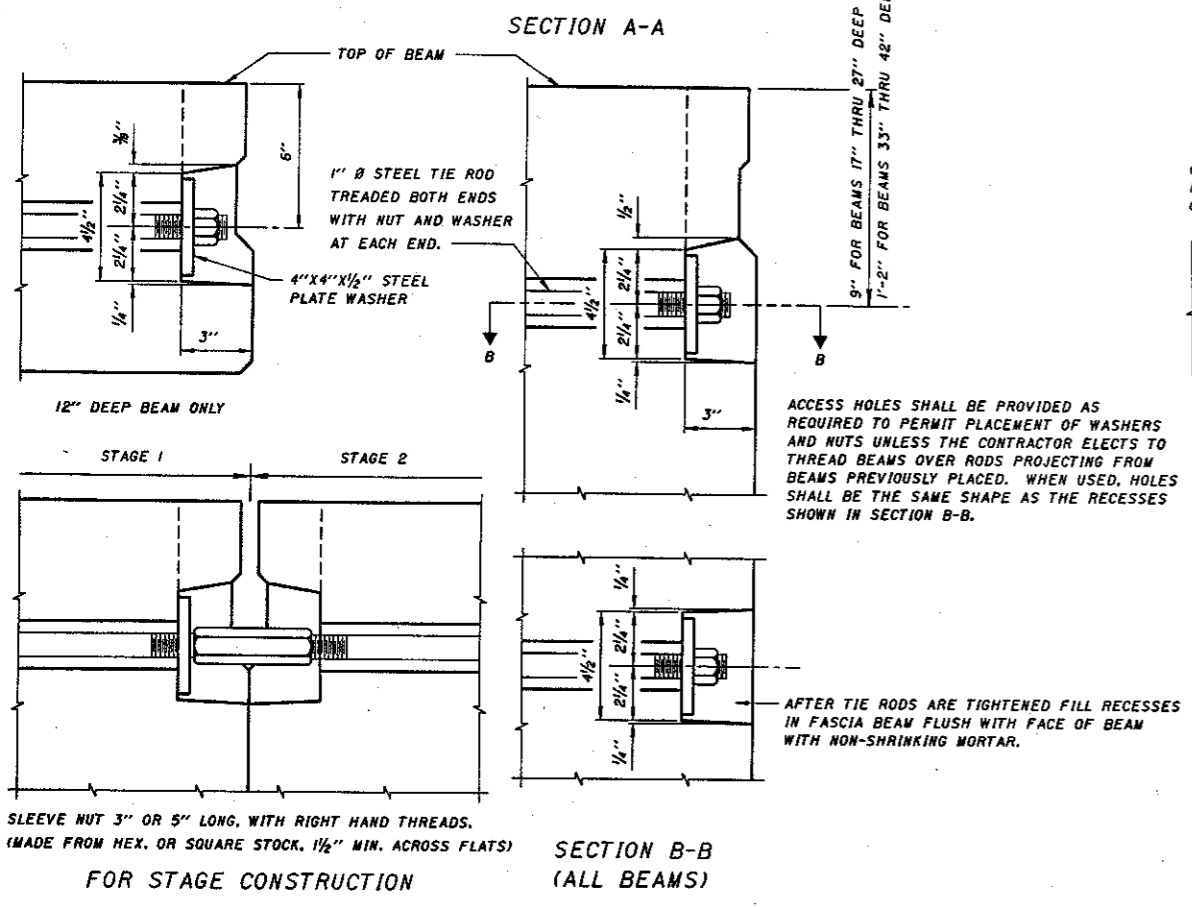
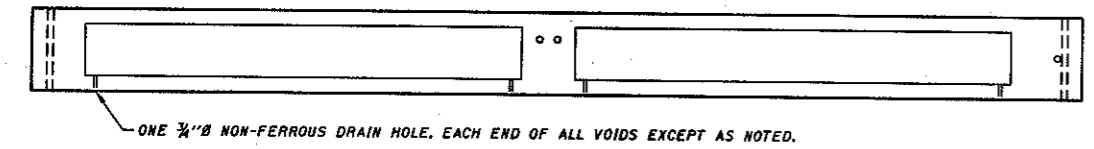
NOTE: OMIT KEYWAY ON OUTSIDE OF FASCIA BEAMS

\*Y\* SEE SHEET 1 OF 4 FOR DETAILS OF BEAM ENDS.  
 \*X\*-- BEAM WIDTH TIMES TAN θ  
 SEE PROJECT PLANS FOR THE NUMBER AND LOCATION OF DIAPHRAGMS.  
 VOIDS SHALL BE VENTED TO PREVENT HEAVING OF THE TOP FLANGE SPACES DURING CURING.

- θ 0° TO 5° FOR 3' WIDE BEAMS \*
- θ 0° TO 4° FOR 4' WIDE BEAMS \*
- θ OVER 5° TO 18° FOR 3' WIDE BEAMS \*
- θ OVER 4° TO 14° FOR 4' WIDE BEAMS \*
- θ OVER 18° TO 33° FOR 3' WIDE BEAMS \*
- θ OVER 14° TO 26° FOR 4' WIDE BEAMS \*

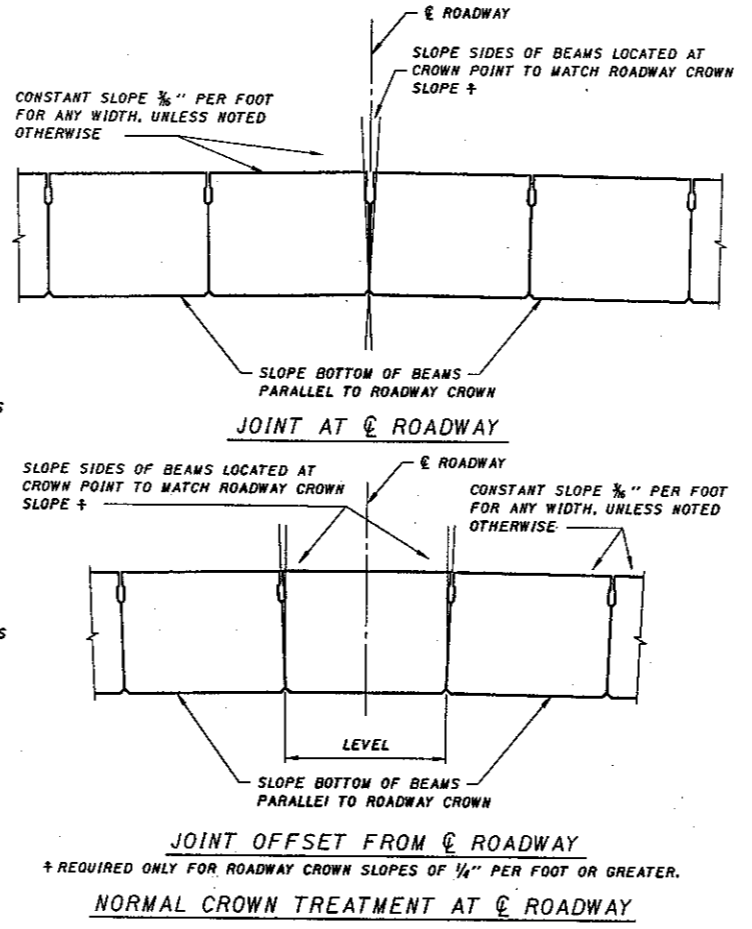
\* AS AN OPTION THE FABRICATOR MAY MAKE PROVISION FOR GREATER INTERCHANGEABILITY OF INTERIOR BEAMS BY FURNISHING DOUBLE TIE ROD HOLES IN THE DIAPHRAGMS AND PERMITTING ONE TIE ROD TO TIE TWO BEAMS TOGETHER.

TYPICAL PLANS OF DIAPHRAGMS AND TRANSVERSE TIE RODS



SECTION A-A

SECTION B-B  
FOR STAGE CONSTRUCTION  
END DETAILS OF TRANSVERSE TIE ROD ANCHORAGE

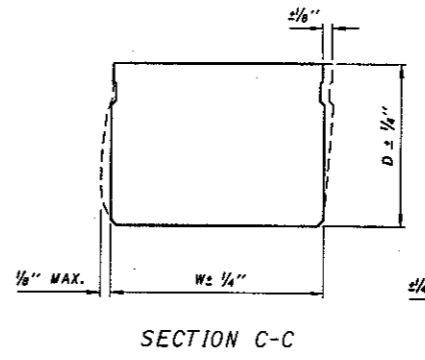


JOINT AT ROADWAY

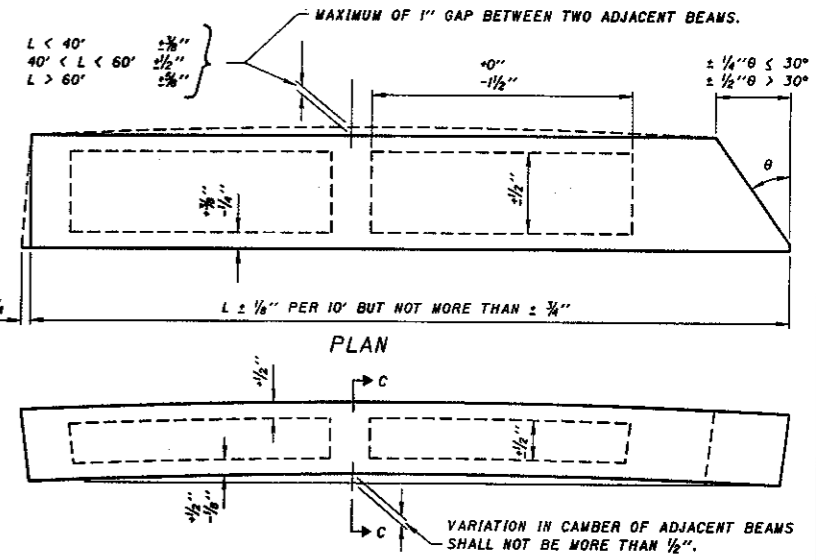
JOINT OFFSET FROM ROADWAY

† REQUIRED ONLY FOR ROADWAY CROWN SLOPES OF 1/8" PER FOOT OR GREATER.

NORMAL CROWN TREATMENT AT ROADWAY



SECTION C-C



ELEVATION BEAM DIMENSIONAL TOLERANCES

REVISIONS		STATE OF OHIO DEPARTMENT OF TRANSPORTATION BUREAU OF BRIDGES AND STRUCTURAL DESIGN	
STANDARD PRESTRESSED CONCRETE BOX BEAM BRIDGE DETAILS			
APPROVED:	<i>[Signature]</i>	ENGINEER OF BRIDGES	DRAWING NO. PSBD-1-93
DATE:	3-4-94	PREPARED	SHEET NO. 2 OF 4 SHEETS
MRG	REF	SEM	LNW