

SECTION A-A
WITH ROADWAY GRADIENT OF 2% OR LESS SHOWN

CONSTRUCTION PROCEDURE

BACKWALL CONCRETE DURING STABLE OR RISING TEMPERATURES AND CONCLUDE PLACEMENT IMMEDIATELY BEFORE THE DAY'S PEAK AMBIENT TEMPERATURE.

MORE THAN FOUR HOURS PRIOR TO THE DAY'S PEAK TEMPERATURE, SET ABUTMENT EXPANSION JOINT TO DIMENSION "A" WHICH SHALL BE DETERMINED AS FOLLOWS:

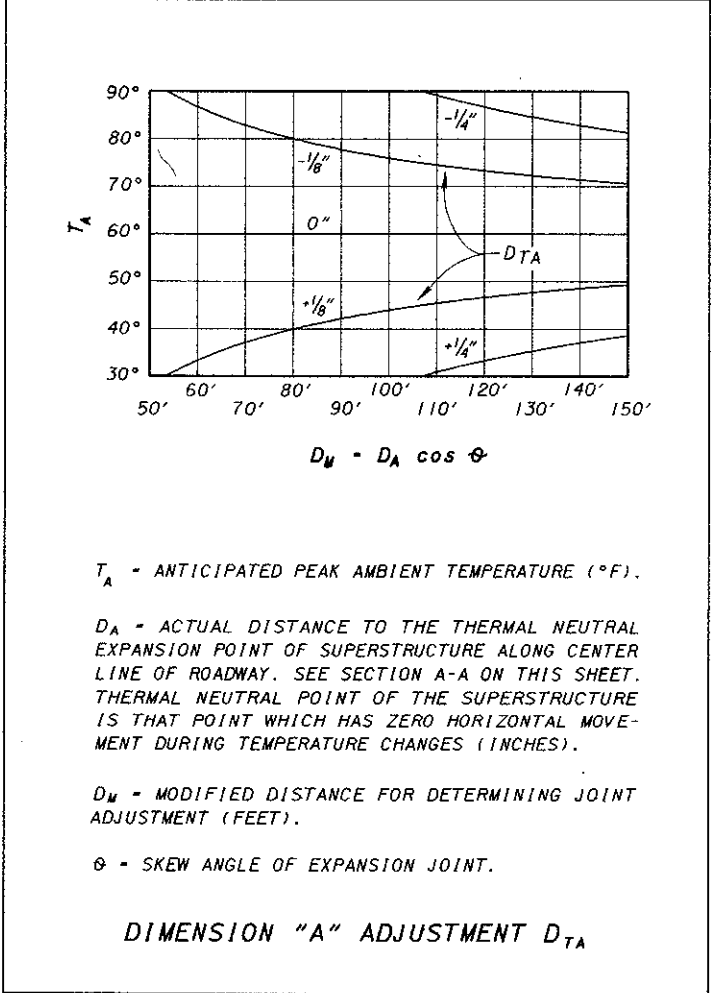
$A = 2\frac{1}{4} + D_{TA}$, WHERE
 A = JOINT WIDTH (INCHES) MEASURED NORMAL TO JOINT.
 D_{TA} = ADJUSTMENT (INCHES) FOR A PEAK AMBIENT TEMPERATURE OTHER THAN 60° F (SEE CHART).

REMOVE ANY TEMPORARY END DAM BOLTS AFTER INITIAL CONCRETE, PREFERABLY NOT LATER THAN TWO WEEKS AFTER CONCLUSION OF CONCRETE PLACEMENT.

TEXTURE ON DECK JOINTS MAY BE PARALLEL TO THE JOINT FOR SKEWED BRIDGES WITH ASPHALT CONCRETE WEARING SURFACE.

ASPHALT CONCRETE WEARING SURFACE THICKNESS (FOR COMPOSITE SLAB THICKNESS) AT NOTCH: 1 1/2" NOTCH FOR 17" BEAMS OR 7" NOTCH FOR 21" THROUGH 42" BEAMS.

DIMENSION "D" SHALL BE SHOWN ON PROJECT PLANS.



DESIGNED	REVIEWED
RLD/AJM	WTL/RLD
DRWN	
AJM	
DESIGNED	CHECKED
RLD/AJM	J.S./M.B.
DRWN	
AJM	
REVISIONS	EXJ-3-82
8-1-84	
2-14-97	
STANDARD	
COMPRESSION SEAL EXPANSION JOINTS AT ABUTMENTS FOR PRESTRESSED BOX BEAM STRUCTURES	