STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Joint Size	"C" at 50°F	"D" at 50°F
2"	2"	.1½" Min.

For Piers 1, 2, 3 & 4 the detailed expansion width of $\frac{1}{2}$ " at 50°F is not Standard. The existing field conditions may allow for an increase in expansion width. This increase in width shall be approved by the Engineer.

INSTALLATION NOTES

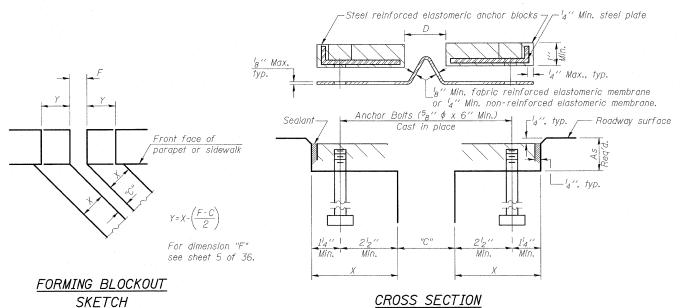
- 1 Insian C. and sidewalk. Install continuous seal in roadway, parapet, curb,
- (2) Install anchor blocks as indicated.

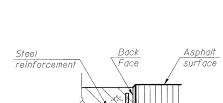
Note A.

Maximum spacing of anchor bolts shall be 12'' centers.

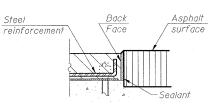
SKEW LIMITATIONS

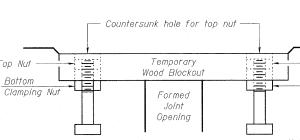
The details of the anchor blocks and the elastomeric membrane in the parapet, as shown, are for up to 50° skews. For skews greater than 50°, the anchor blocks and the elastomeric membrane, installed according to dimension "D", might require modifications to insure a minimum clearance of 1'2" from centerline of anchor studs to edge of parapet opening. The anchor blocks and the elastomeric membrane shall also be installed to the top of the parapet with the anchor studs spaced at ±12" cts.





ANCHOR BLOCK WITH ASPHALT SURFACE





GENERAL NOTES Continuous Seal Neoprene Expansion Joint shall consist of molded

anchor blocks of elastomer and steel, field assembled over continuous

The elastomeric membrane shall be premolded with a single or a

double upward convolution that will have a "memory" to return to its

The convolution length shall be such that the extended length will

not be greater than the manufactured length when the joint is fully

expanded in its design range and will not protrude above the anchor

Joint openings shall be adjusted according to Article 503.10(c) of the Standard Specifications when the deck is poured at an ambient

The parapet and roadway membrane shall be made continuous by

an approved vulcanizing process. Lapping will not be permitted.

lengths of elastomeric membrane.

molded position upon joint closure.

temperature other than 50° F.

blocks when the joint is fully compressed.

Stud needs to be threaded lower to allow for use of clamping nut.

Rottom

Clamping Nut

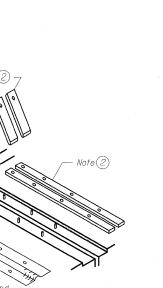
Anchor studs should be stainless RECOMMENDED BLOCKOUT DETAIL

BILL OF MATERIAL

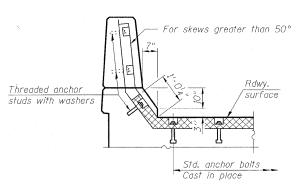
Item	Unit	Total
Neoprene Expansion Joint 2"	Foot	121

NEOPRENE EXPANSION JOINT STRUCTURE NO. 025-0018

SHEET NO.12	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	57	(25-3HB)I-3	EFFINGHAM	1416	1393
36 SHEETS		SN 025-0018	CONTRACT	NO. 74	296
	FED. RO	OAD DIST. NO. 7 ILLINOIS FED. AI	ID PROJECT		







AT PARAPET

CHECKED W./SDRAWN CHECKED C.J.F. & B.B.



