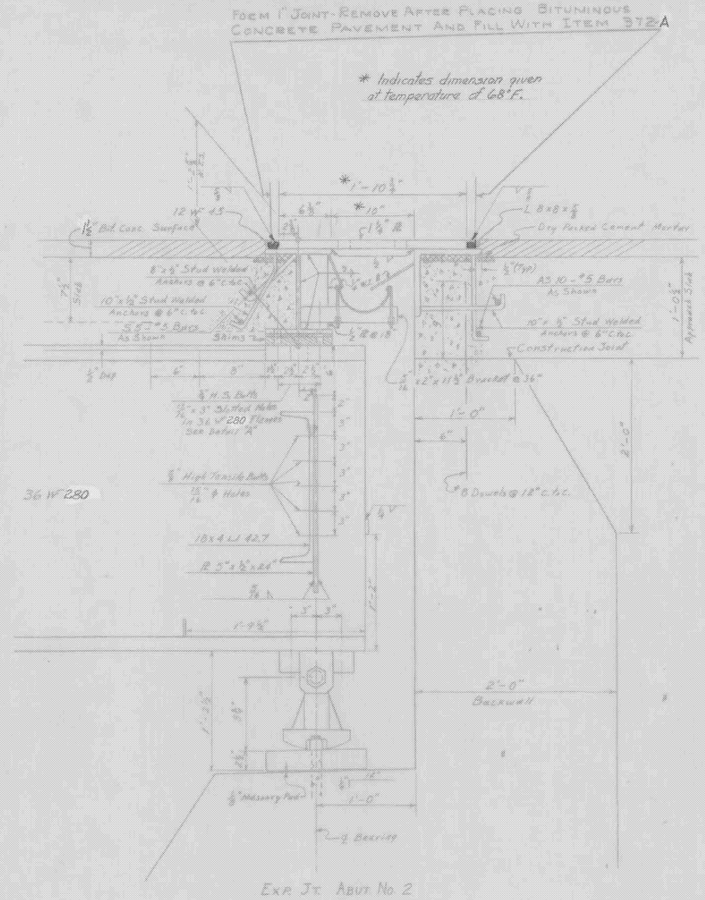
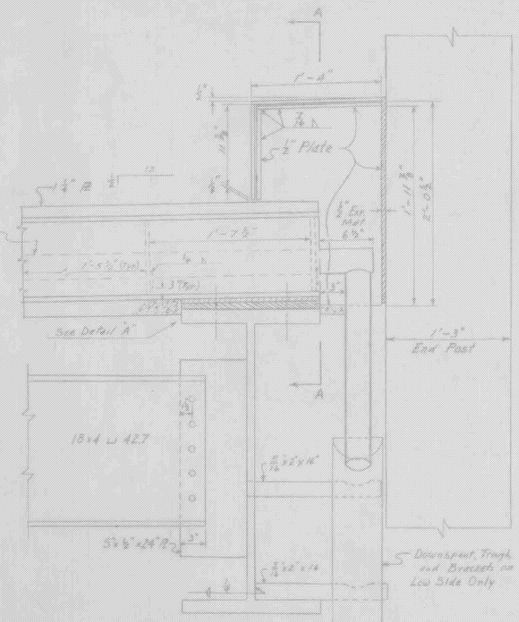
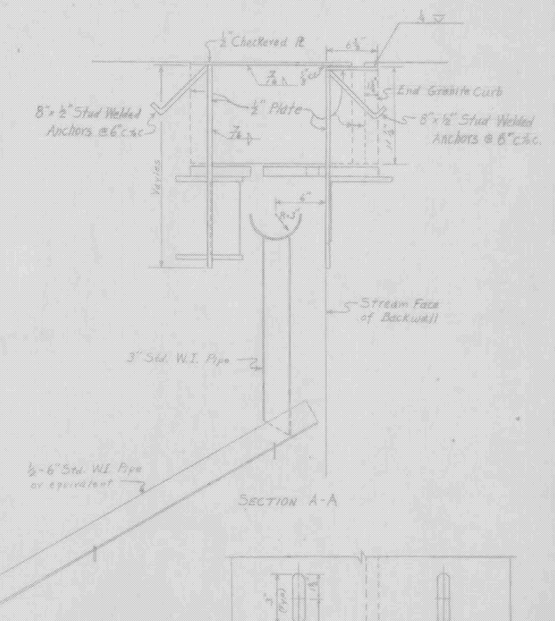
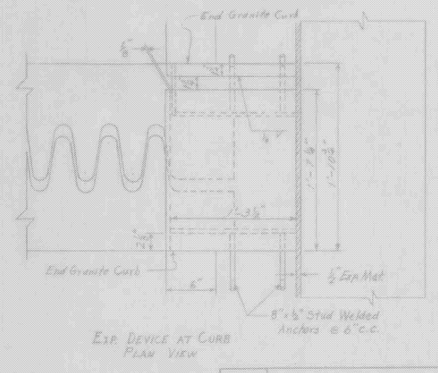


Exp. Jt. Abut. No. 2
Elevation View
For Bearing Details See Sheet BR-207
"Framing Plan (Expansion Bearing"

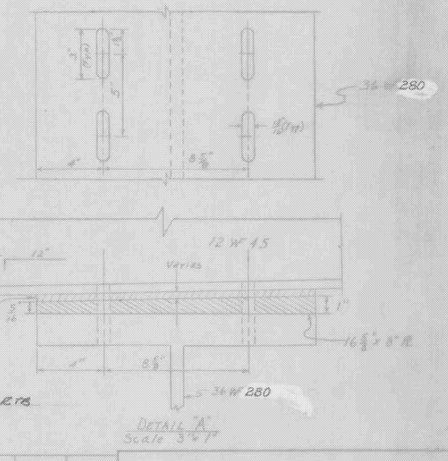


Exp. Device at Curb
Elevation View



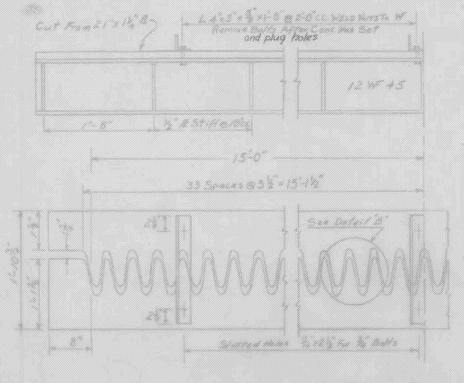


Exp. Device at Curb
Plan View

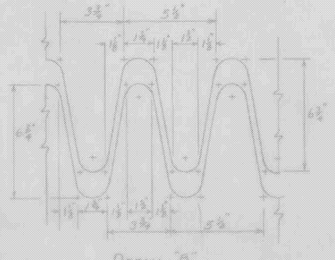


Detail "A"
Scale 3"=1'

~Revisions~
① Was 90 L.F. 6-2-65 R.T.S.



Expansion Dam
Scale 1"=1'0"



Detail "B"
Scale 3"=1'-0"

Notes:

1. The finger plate assembly is to be completely fabricated upon delivery at job site. This assembly to include the 12WF45 with all welded attachments including trough and apron, the finger plates with temporary L's and the LB x B x 3/8 with all welded attachments including apron. All weather surfaces are to receive three coats of shop paint (Section 404.03-B State of Vermont Dept. of Highways Standard Specifications).
2. The initial 1 3/8" clearance of the finger plates is for a temperature of 68°F at the time of installation. Clearance shall be adjusted 1/8" for each 5 5/8° difference in temperature.
3. All costs involved in furnishing and erecting the Expansion device shall be paid for as Structural Steel, Item 404-A.

ITEM NO.	ITEM	UNIT	NET	OVERRUN	TOTAL	FINAL
106-A	CHAN. EXCAV. OF EARTH	C.Y.				
106-B	CHAN. EXCAV. OF ROCK	C.Y.				
106-C	UNCLASS. CHAN. EXCAV.	C.Y.				
107	STRUCT. EXCAV.	C.Y.				
401-B	CONC. CLASS B (MOD.)	C.Y.				
402	REINF. STEEL	LBS.				
407	ASPHALTIC ASB. COATING	S.Y.				
502-B	TREATED TIMBER PILING					
503	SPLICES FOR STEEL PILING					
504	STEEL PILING					
502-A	UNTREATED TIMBER PILING					
① 372-A	Joint Sealer - Hot Poured					

RICHMOND-HIGHGATE
IM MEMB(13)

SHEET 29 OF 29
BRIDGE 100N&S
FOR REFERENCE ONLY

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

TOWN OF HIGHGATE
ROUTE No. I 89 STA. 870+80
NORTHBOUND LANE
EXPANSION END DETAILS
ROCK RIVER
SCALE 1 1/2" = 1'-0"
SURVEYED BY
DRAWN BY R.N.D. CHECKED BY JAB
PROJECT No. I-89-3(33)
SHEET 104 OF 204
BR 205
STAGE II PROJECT No. I-89-3(24)
SHEET 87 OF 127