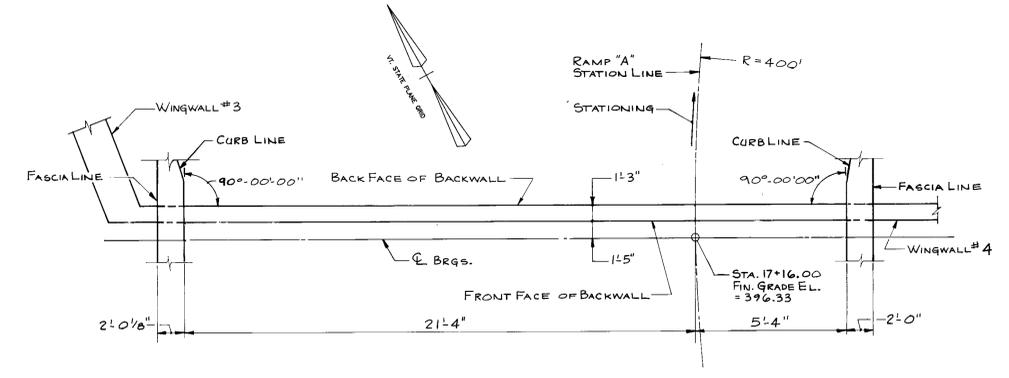
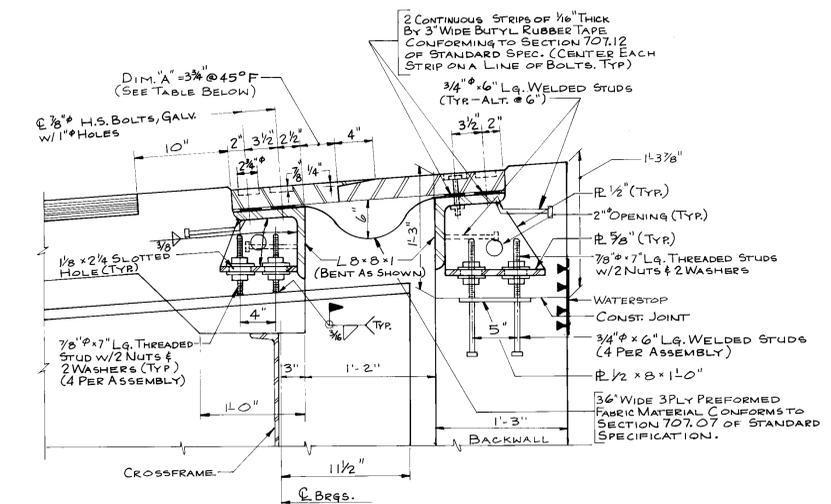


BRIDGE EXPANSION JOINT - PLAN ABUTMENT 2
3/4" = 1'-0"

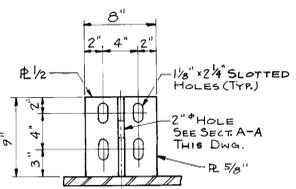


EXPANSION JOINT LAYOUT- ABUTMENT 2
N.T.S.

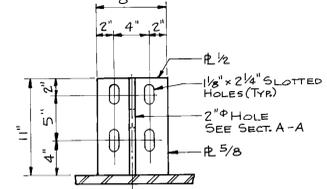


SECTION A-A
1 1/2' = 1'-0"

LOCATION	DIMENSION 'A' AT GIVEN TEMPERATURE								
	15°F	25°F	35°F	45°F	55°F	65°F	75°F	85°F	95°F
ABUT. # 2	4 1/16"	4 3/16"	4"	3 3/4"	3 1/2"	3 1/4"	2 3/4"	2 1/2"	2 1/4"



DETAIL "C" AT GIRDERS
1 1/2' = 1'-0"



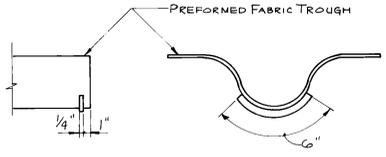
DETAIL "D" AT BACKWALL
1 1/2' = 1'-0"

BRIDGE EXPANSION JOINT NOTES

- ALL STRUCTURAL STEEL FOR THE BRIDGE EXPANSION JOINTS SHALL BE AASHTO M270, GR36 GALVANIZED OR METALIZED.
- THE 2 1/2-INCH THICK EXPANSION JOINT PLATES SHALL BE CUT FROM 2 1/2" X 27" PLATE AND FURNISHED IN 14'-INCH LENGTHS. THE ANGLES (8 X 8 X 1) SHALL BE FURNISHED IN CONTINUOUS LENGTHS (SEE DETAIL). THE FABRIC TROUGH SHALL BE CONTINUOUS PREFORMED FABRIC MATERIAL CONFORMING TO SECTION 707.07 OF STANDARD SPECIFICATION.
- THE CURB PLATES SHALL BE AASHTO M270, GR36 GALVANIZED OR METALIZED.
- THE HOPPERS AND DOWNSPOUTS SHALL BE GALVANIZED. PAYMENT FOR THE HOPPERS AND DOWNSPOUTS SHALL BE INCLUDED IN THE UNIT PRICE BID STRUCTURAL STEEL (ITEM 506.70).
- DRIP BEADS OF 4" X 6" TWO-PLY POLYESTER MATERIAL SHALL BE CEMENTED TO THE CENTER OF EACH END OF THE FABRIC TROUGH WITH AN ADHESIVE APPROVED BY THE MANUFACTURER.
- ALL STEEL SURFACES THAT WILL BE EMBEDDED IN CONCRETE SHALL BE COATED WITH EPOXY BONDING COMPOUND. (INCLUDED IN ITEM 516.10.)
- BRIDGE EXPANSION JOINT SHALL BE THE UNIT PRICE BID PER LINEAR FOOT. (ITEM 516.10.)
- ALL CURB PLATES, WELDED STUDS AND EPOXY COATING OF STRUCTURAL STEEL SHALL BE INCLUDED IN ITEM 516.10.

NOTES:

- FOR SECTION C-C, D-D AND E-E, SEE SHEET BR 613
- FOR DETAIL B, SEE SHEET BR 614. AS B JLT 5/12/94



TROUGH END DETAIL
(SEE NOTE 5)

SEE ALSO MERRIMACK SHEET METAL FABRICATION DRAWINGS

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

TOWN OF	ESSEX	Bridge No.	14
HIGHWAY NO. VT. RTE.	289	Log Sta.	
VT. RTE. 289 "RAMP A" OVER CVRR		Surv. Sta.	RAMP 15+00
BRIDGE EXPANSION JOINT DETAILS-1			
Designed by	B. W.	Drawn by	B. W.
Checked by	R. J. S.	Bridge Design Supervisor	M. W. O.
	date 10/12/90		date 10/12/90
PROJECT	WILLISTON - COLCHESTER	PROJECT NO.	PB 033 - 1(2)
Bridge Sheet No.	BR612	Sheet	201 of 400

BR-2