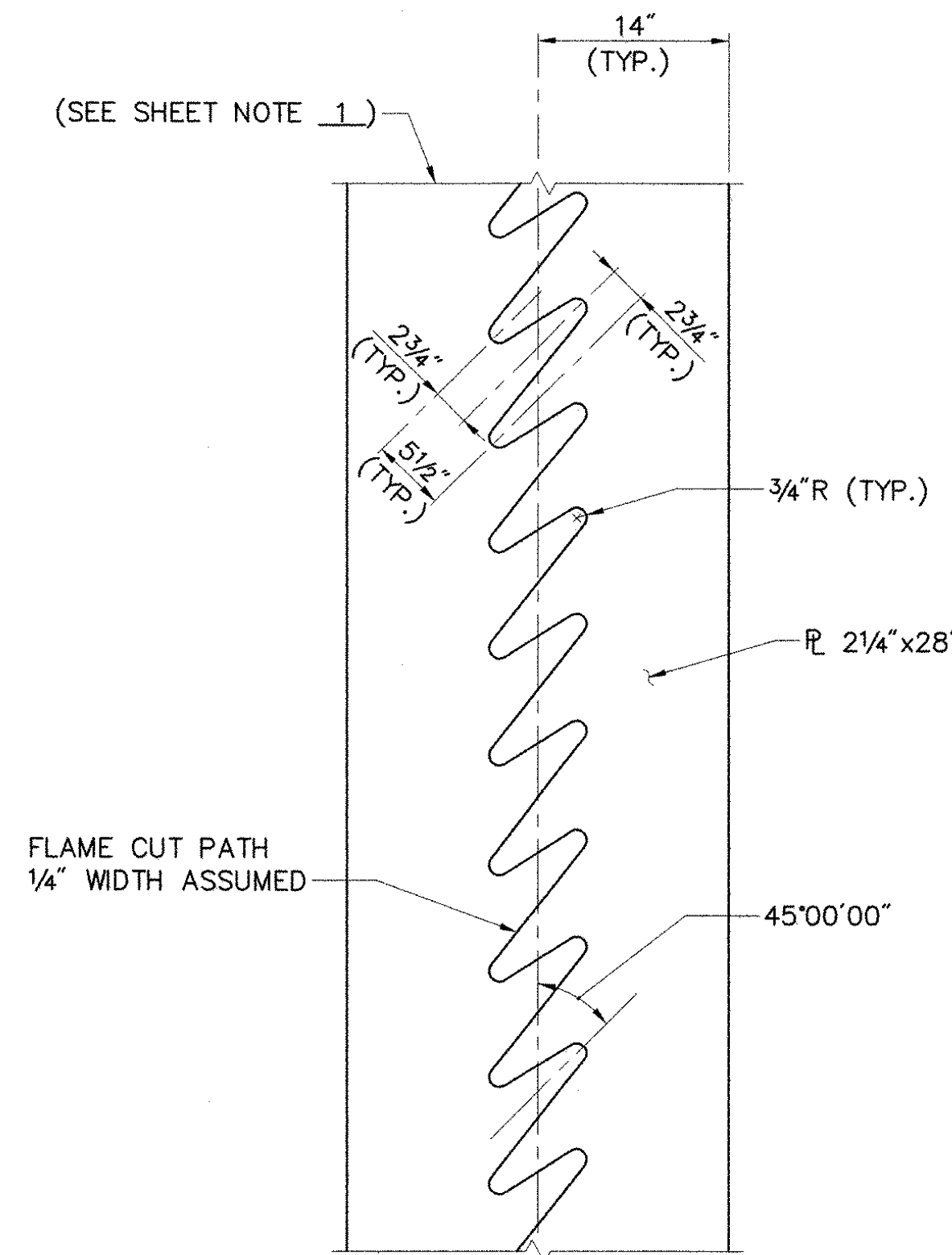
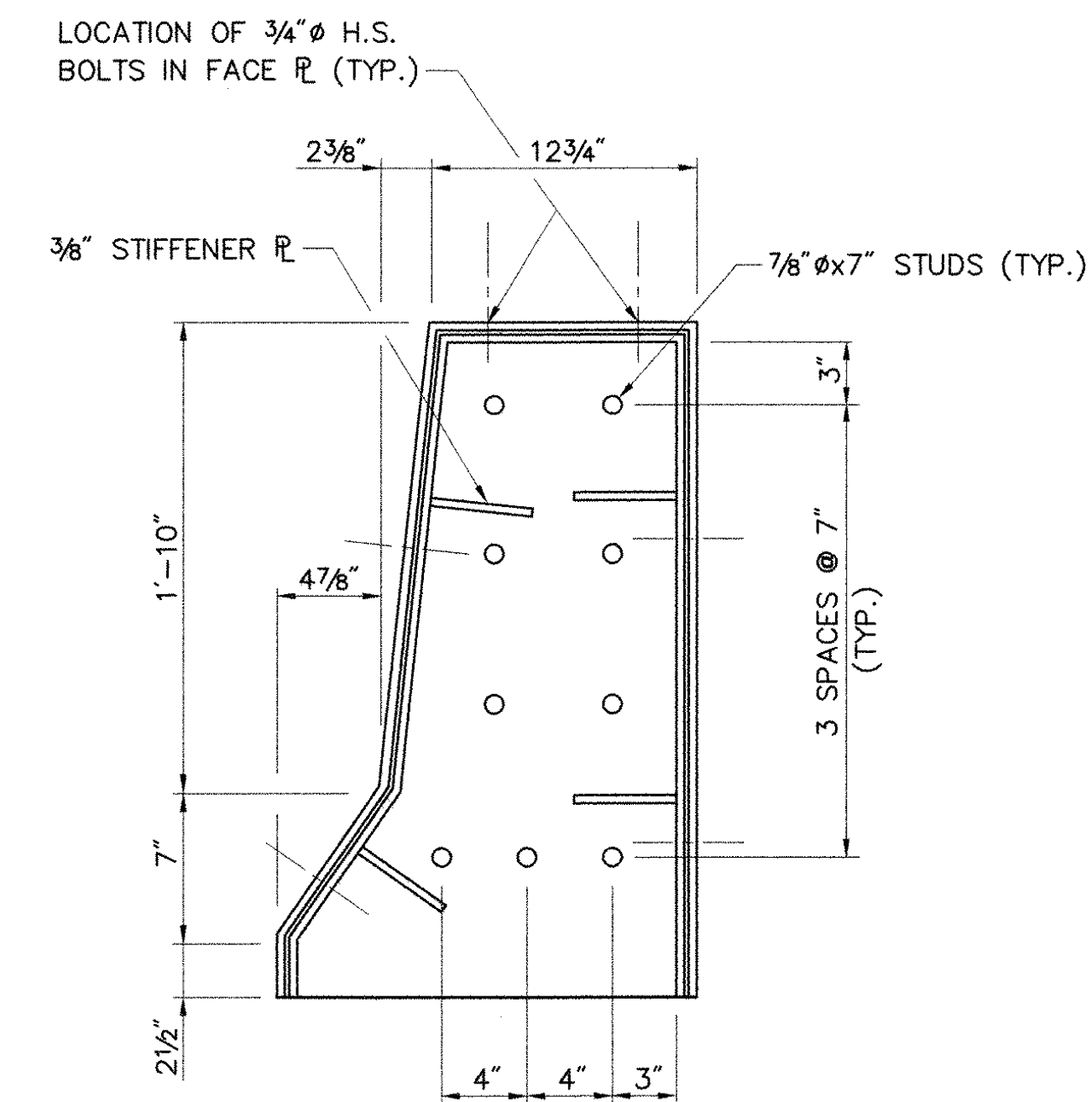


PLAN VIEW
SCALE: 1/8" = 1'-0"



FINGER CUTTING DETAILS
SCALE: 1" = 1'-0"



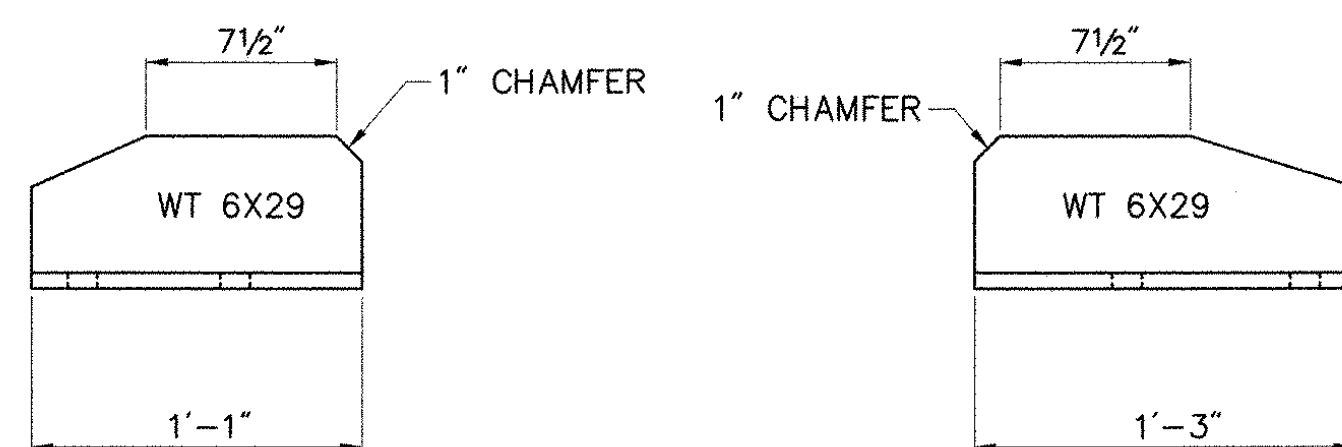
CURB PLATE DETAILS (NORMAL TO CURB)
SCALE: 1/2" = 1'-0"

EXPANSION JOINT NOTES:

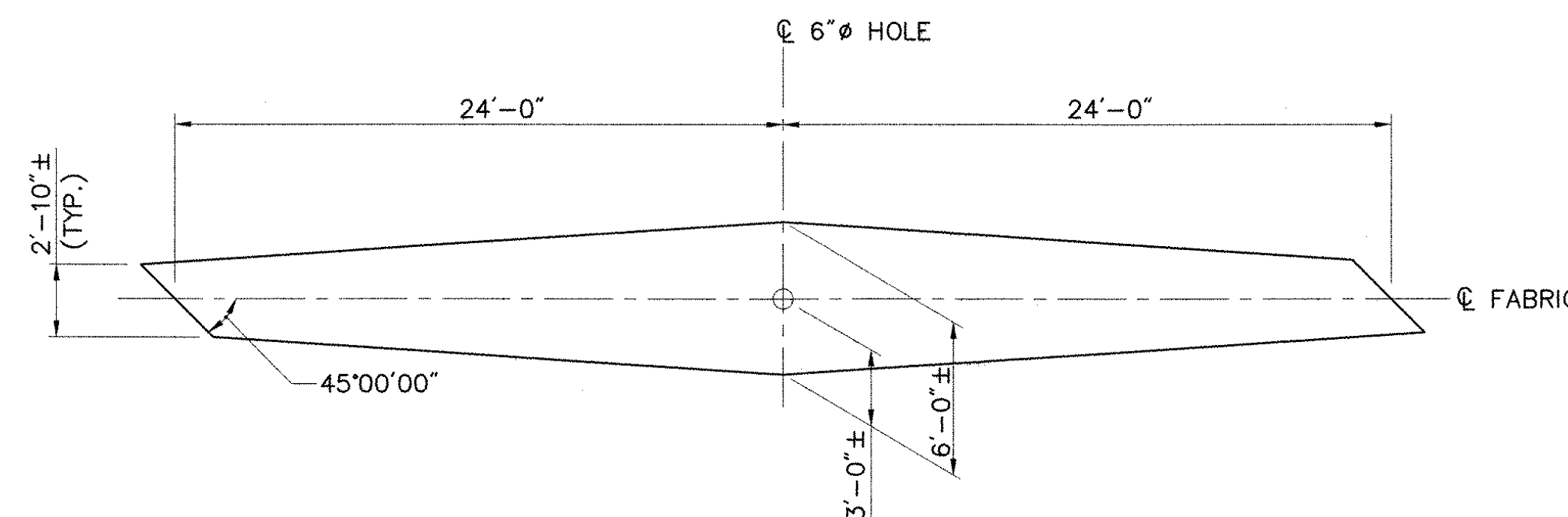
- NEW EXPANSION JOINTS SHALL BE INSTALLED AT BOTH ABUTMENTS ON BRIDGE 11N AND BRIDGE 11S. REMOVAL OF EXISTING EXPANSION JOINTS SHALL BE INCLUDED IN ITEM 529.20, "PARTIAL REMOVAL OF STRUCTURE".
- ALL STEEL EXPANSION JOINT COMPONENTS SHALL BE AASHTO M270 GRADE 36 GALVANIZED OR METALIZED AS PER SECTION 506.15 (b) OR (c) UNLESS OTHERWISE SPECIFIED.
- THE FINAL FINISH OF THE EXPANSION DEVICE SHALL BE COVERED DURING THE PLACEMENT OF ADJACENT CONCRETE.
- EXPANSION JOINTS SHALL MEET THE REQUIREMENTS OF SECTION 516, EXPANSION DEVICES. EXPANSION JOINT ASSEMBLY SHALL BE PAID AS ITEM 516.10, "BRIDGE EXPANSION JOINT". ITEM 516.10 SHALL INCLUDE THE FABRICATION AND ERECTION OF THE COMPLETE JOINT ASSEMBLY INCLUDING ALL STEEL PLATES, CURB PLATES, BRACKETS, WELDED STUDS OR RODS, PREFORMED FABRIC DRAIN TROUGH MATERIAL, BUTYL RUBBER TAPE, AND ANY OTHER MISCELLANEOUS MATERIAL REQUIRED TO INSTALL JOINT.
- THE BUILT-UP ANGLES SHALL BE FURNISHED AS ONE CONTINUOUS PIECE. THE FINGER PLATES SHALL BE FURNISHED IN FOUR SEGMENTS ON BOTH SIDES OF THE JOINT AS SHOWN.
- COAT CONCRETE CONTACT SURFACES WITH EPOXY BONDING COMPOUND MEETING THE REQUIREMENTS OF SUBSECTION 719.02. PAYMENT SHALL BE INCLUDED UNDER ITEM 516.10.
- FILL COUNTERBORED HOLES IN THE FINGER PLATES WITH HOT POURED JOINT SEALER AFTER BOLT INSTALLATION. PAYMENT SHALL BE INCLUDED UNDER ITEM 516.10.
- A DRIP BEAD STRIP 1/4" x 9" OF PREFORMED FABRIC MATERIAL SHALL BE CEMENTED TO THE BOTTOM OF THE FABRIC TROUGH USING AN ADHESIVE APPROVED BY THE MANUFACTURER. THE DRIP BEAD SHALL BE APPLIED 1" FROM THE DOWNSPOUT END OF THE TROUGH AT EVERY HOPPER LOCATION.
- THE FABRIC TROUGH SHALL BE PITCHED TO DRAIN TO THE HOPPER WITH A CONSTANT SLOPE OF 1/2" PER FOOT. THE TROUGH SHALL HAVE A DEPTH OF 5" AT THE FASCIA AND APPROXIMATELY 23" AT THE HOPPER AT 45 DEGREES FARENHEIT.
- FOLLOWING PAVING, ANY BITUMINOUS CONCRETE PAVEMENT THAT BECOMES LODGED IN THE EXPANSION JOINTS OR ENTERS DRAIN TROUGHS, SCUPPERS, OR DOWNSPOUTS SHALL BE REMOVED BY THE CONTRACTOR AT NO COST TO THE STATE.

NOTES:

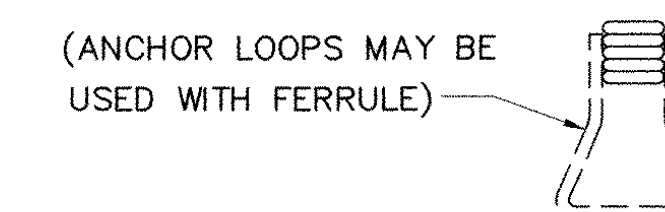
- FOR PLATE TREATMENT AT ENDS AND AT BUTT JOINTS, SEE PARTIAL PLAN VIEW ON SHEET 15.
- SEE SHEET 17 FOR DOWNSPOUT DETAILS.



BRACKET DETAILS
SCALE: 1/2" = 1'-0"



PLAN VIEW OF FABRIC FOR TROUGH
N.T.S.



FERRULE DETAIL
N.T.S.

STATE OF VERMONT AGENCY OF TRANSPORTATION	
Town Of HARTFORD	Bridge No. 11N & 11S
Highway No. 1-89 NB & SB	Log Sta.
1-89 NB & SB OVER WHITE RIVER, VT 14 & NECR	
EXPANSION JOINT DETAILS (2 OF 2)	
Designed By S.M. HODGDON	Drawn By B.J. MASSE
Checked By T.S. BRYANT 9/98	Bridge Design Supervisor C.D. BAKER Date 9/98
PROJECT HARTFORD	PROJECT NO. IR 089-1(13)
VHB Cad Filename 50699FJ2	Bridge Sheet No. 16
Sheet 16 of 101	

VANASSE HANGEN BRUSTLIN, INC.