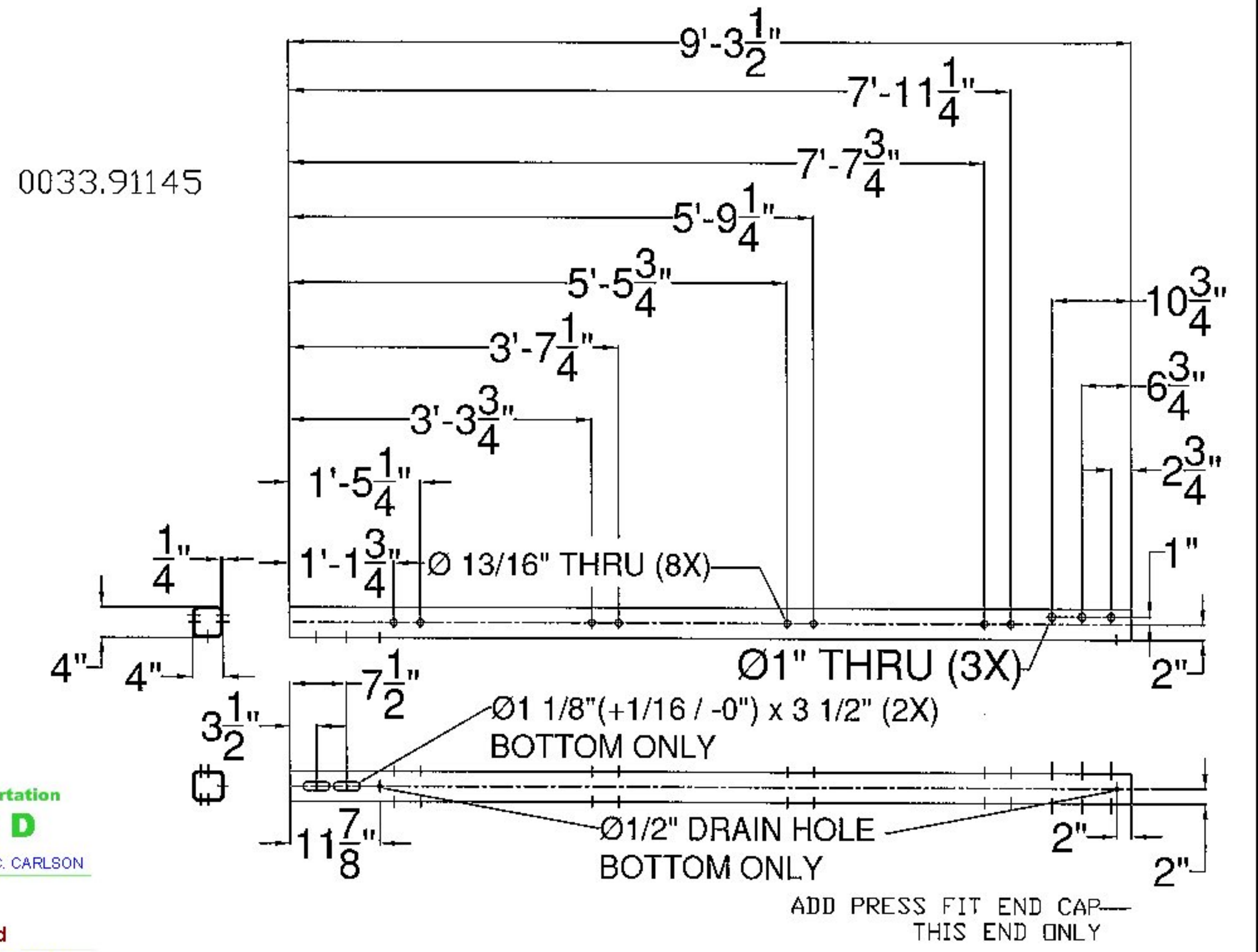
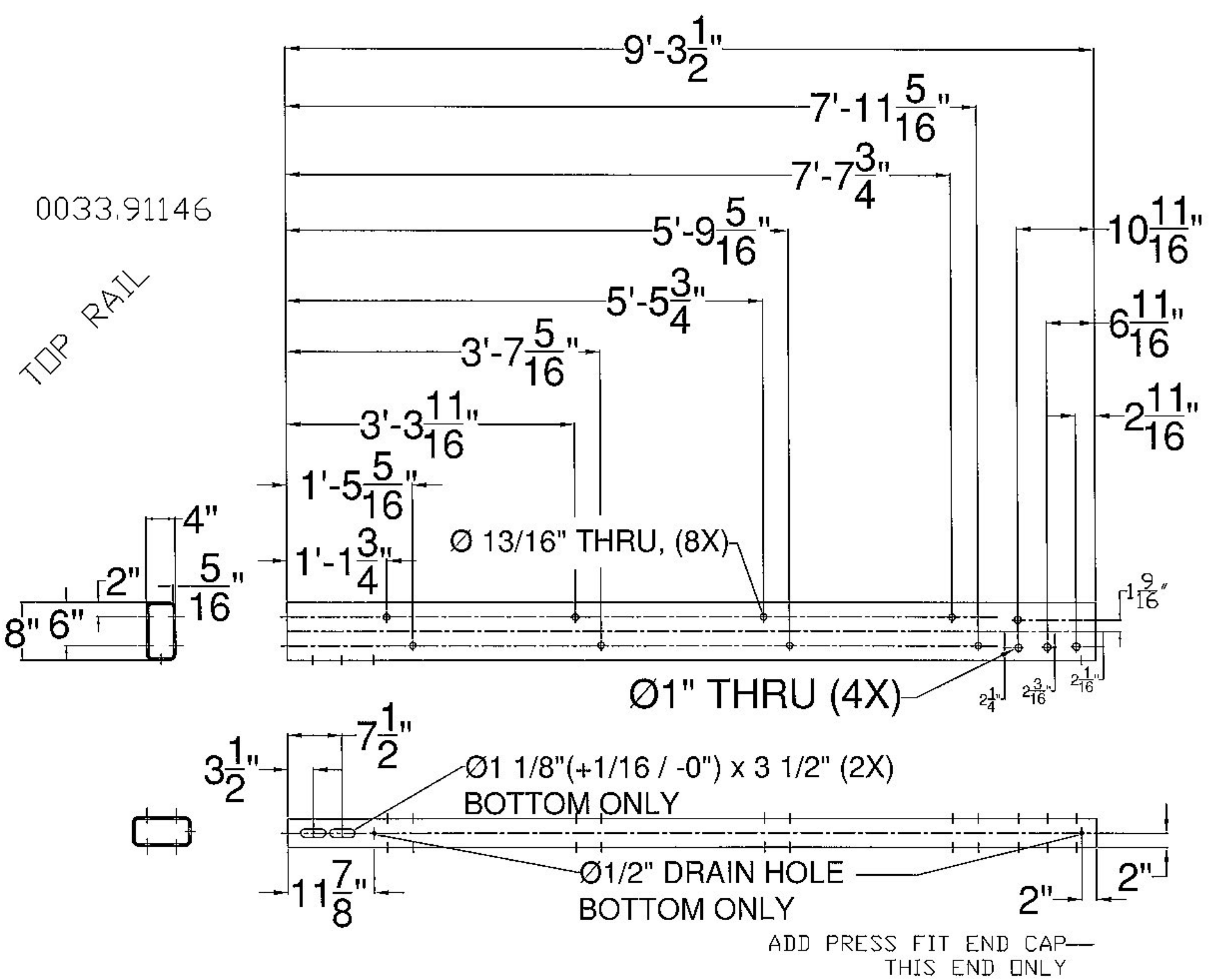


- NOTES
1. ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 525.
 2. PRIOR TO GALVANIZING THE ASSEMBLED POST, GRIND ALL EDGES TO A MINIMUM RADIUS OF 1/16".
 3. ALL POSTS SHALL BE SET NORMAL TO GRADE.
 4. SECTIONS OF RAIL TUBE SHALL BE ATTACHED TO A MINIMUM OF TWO BRIDGE RAIL POSTS AND PERMANENTLY TO AT LEAST FOUR POSTS.
 5. RAIL TUBE EXPANSION JOINTS SHALL PROVIDED IN ANY RAIL BAY SPANNING THE END OF AN INTEGRAL ABUTMENT BRIDGE AND AT ALL SUPERSTRUCTURE EXPANSION JOINTS. EXPANSION JOINT WIDTH SHALL BE 4" AT 45°F AND WILL BE ADJUSTED IN THE FIELD BY THE ENGINEER FOR OTHER TEMPERATURES.
 6. HOLES IN RAILS FOR RAJI. TUBE ATTACHMENT WILL BE FIELD-DRILLED. HOLES SHALL BE COATED WITH AN APPROVED ZINC-RICH PAINT PRIOR TO INSTALLATION.
 7. RAIL POST ANCHORING NUTS SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL ONE-EIGHTH TURN.
 8. RAIL TUBES SHALL BE ATTACHED USING 3/4" FULL DIAMETER BODY ASTM A 449 (TYPE 1) ROUND HEAD BOLTS INSERTED THROUGH THE FACE OF THE TUBE. HOLES IN POSTS SHALL BE 1/16" LARGER THAN THE BOLT SIZE.
 9. ANY BENDING OF RAIL SHALL BE DONE AT A FABRICATION PLANT ACCORDING TO A PROCEDURE PROVIDED BY THE FABRICATOR.
 10. THE MINIMUM DISTANCE FROM THE POST TO AN EXPANSION JOINT SHALL BE DETERMINED BY THE MINIMUM EDGE DISTANCE OF 5" FROM ANY ANCHOR STUD TO THE END OF THE SLAB, OR TO THE EXPANSION JOINT RECESS FOUR, IF ONE IS USED.
 11. SEE STANDARD DRAWING G-1 FOR DETAILS OF DELINEATORS. A DELINEATOR SHALL BE INSTALLED AT 30 FOOT SPACING OR THE NEAREST POST. WHITE IS TO BE INSTALLED ON THE DRIVER'S RIGHT. FOR ONE WAY BRIDGES, YELLOW IS TO BE INSTALLED ON THE DRIVER'S LEFT. PAYMENT SHALL BE INCIDENTAL TO OTHER ITEMS.
 12. THIS RAILING MEETS THE REQUIREMENTS FOR A TL-4 SERVICE LEVEL.



Vermont Agency of Transportation
RECEIVED
 CK'D BY D. PETERSON OK'D BY C. CARLSON
 June 18, 2015
 RESUBMIT NO Approved
 BY C. CARLSON DATE 06/22/2015

ITEM #: 621.72

SHEET 3 OF 3

APPROVED BY:

2 RAIL BRIDGE RAIL TO GUARDRAIL TRANSITION
 PROJECT: ANDOVER BHF 016-1 (29) VT RTE11, RURAL MINOR ARTERIAL, BRIDGE NO. 41
 TOWN OF ANDOVER, WINDSOR COUNTY, VERMONT

R NO.	DATE	DESCRIPTION	BY	R NO.	DATE	DESCRIPTION	BY
E 1	5/28/15	REVISED PER 5/18/15 MARK-UP	E.P. E	3	6/1/15	REVISED PER 6/1/15 MARK-UP	E.P.
V 2	5/29/15	REVISED PER 5/29/15 EMAIL	E.P. V				

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 Tel: 315-789-8670 Fax: 315-789-8616

SCALE SCHEMATIC
 DRAWING NO. F.H.L. ANDOVER