

Vermont Agency of Transportation

RECEIVED

Morrison BRS0240(3)S Bridge Rail Shop Drawings_Resubmit 4 27 18.pdf

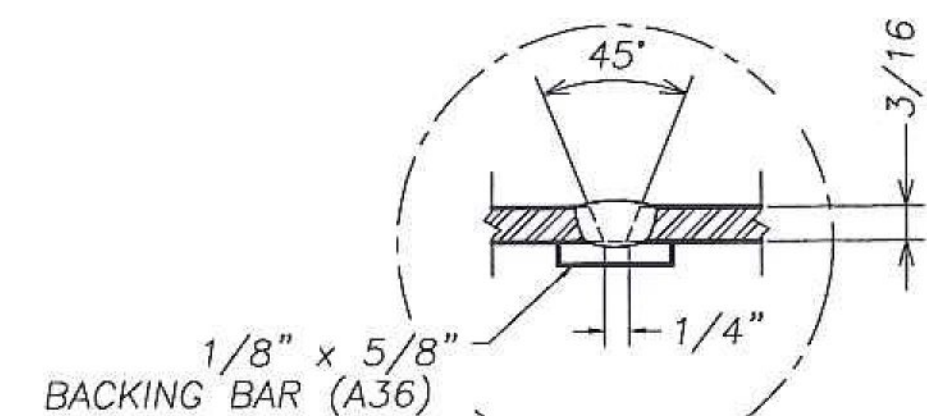
CK'D BY CLB

OK'D BY CWC

April 13, 2018

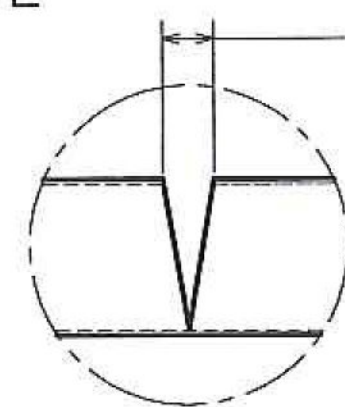
RESUBMIT NO
BY C. CARLSON

Approved AsNoted
DATE 04/27/18



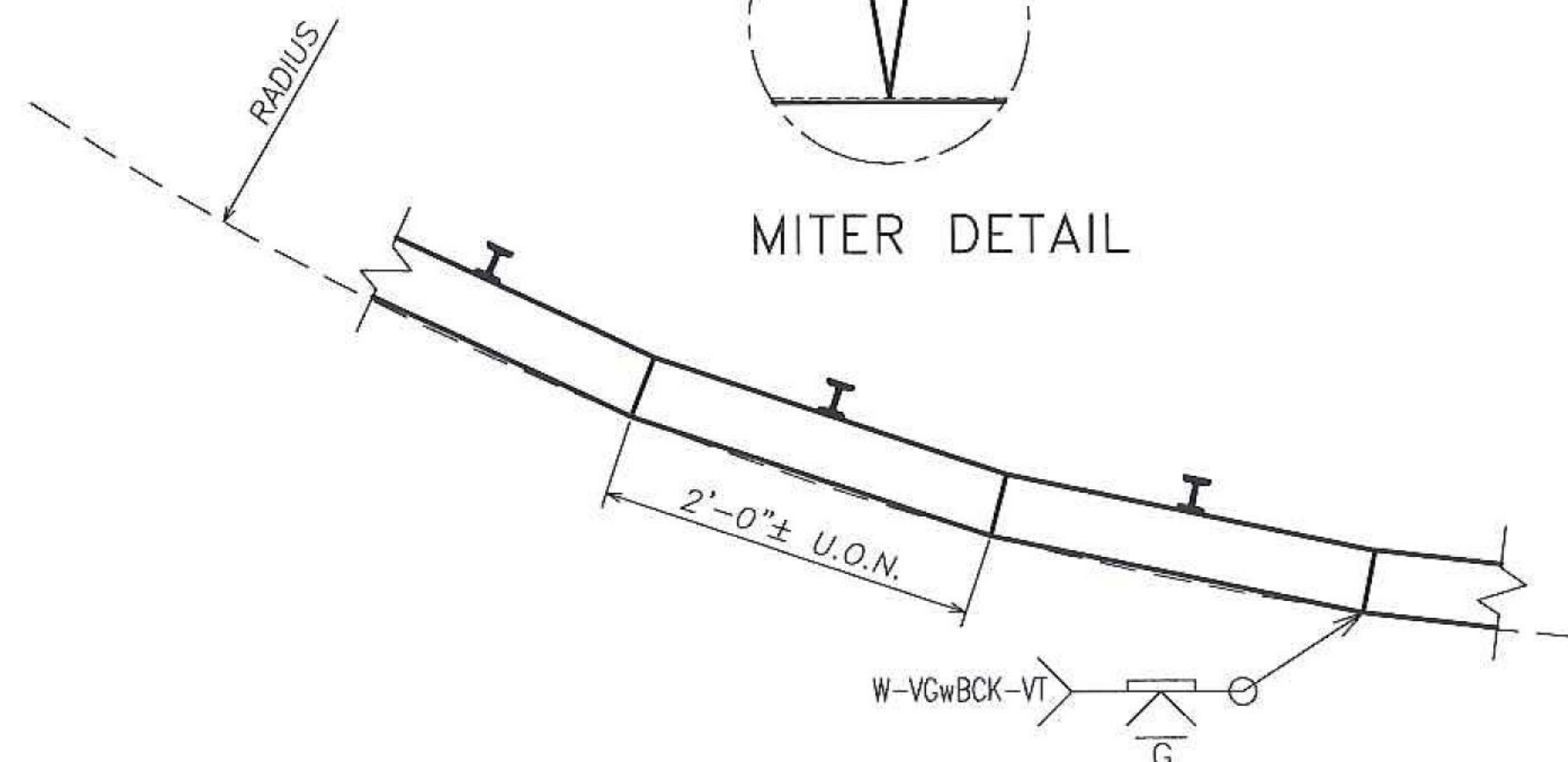
JOINT PREP DETAIL

NOT TO SCALE

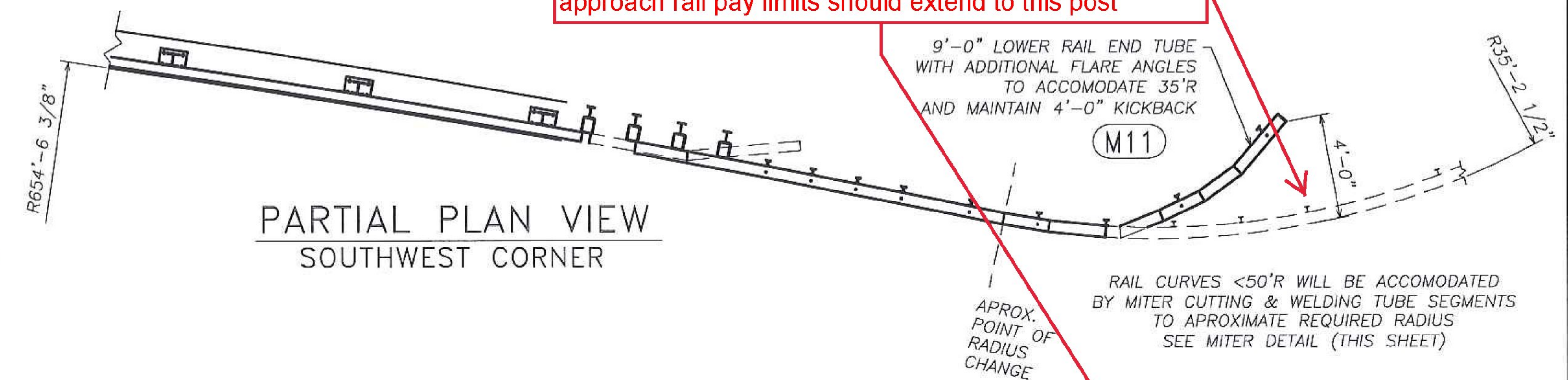


MITER DETAIL

- 1.) CUT THRU THREE TUBE FACES
- 2.) REMOVE SCRAP PIECE
- 3.) CHECK RADIUS DIMENSIONS & ADJUST BEVELS AS NEEDED



(typ) MITER CUT & WELD DETAIL
TO APPROXIMATE TIGHT RADIUS CURVES



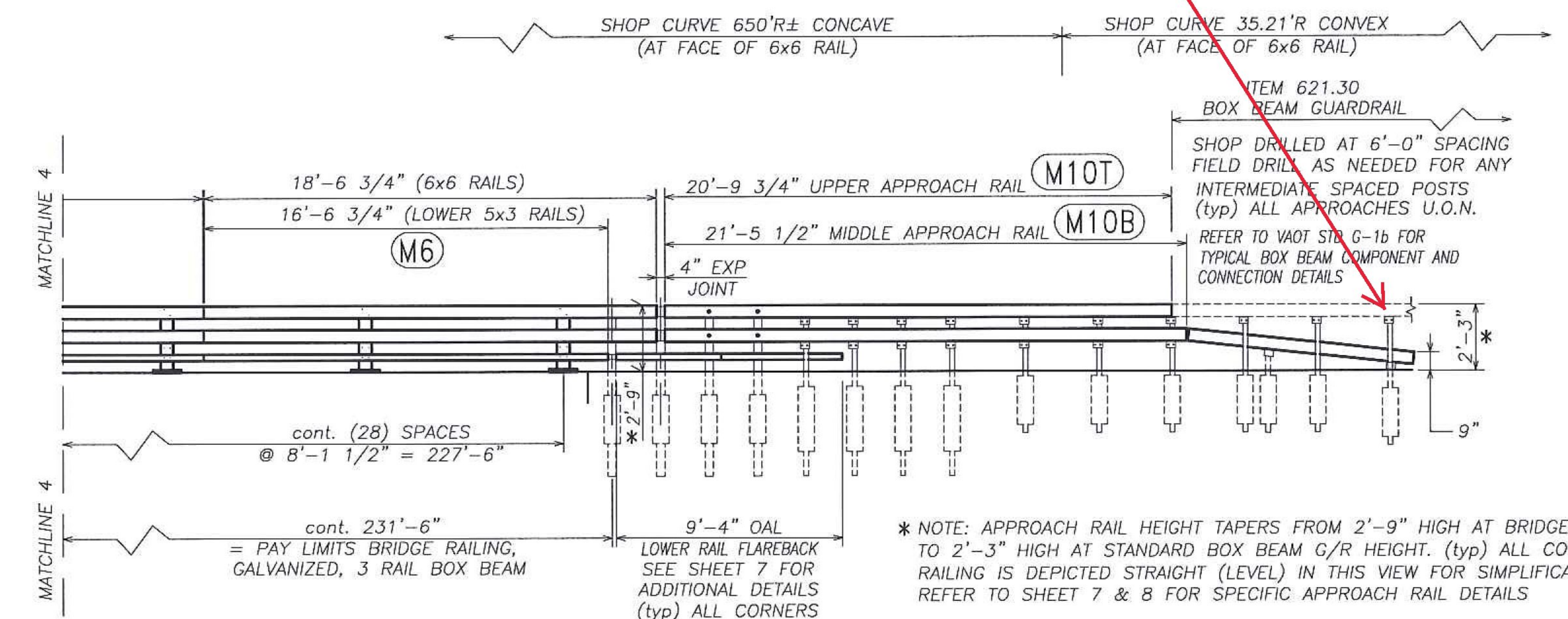
PARTIAL PLAN VIEW
SOUTHWEST CORNER

Won't affect fabrication but per standard S-364B, approach rail pay limits should extend to this post

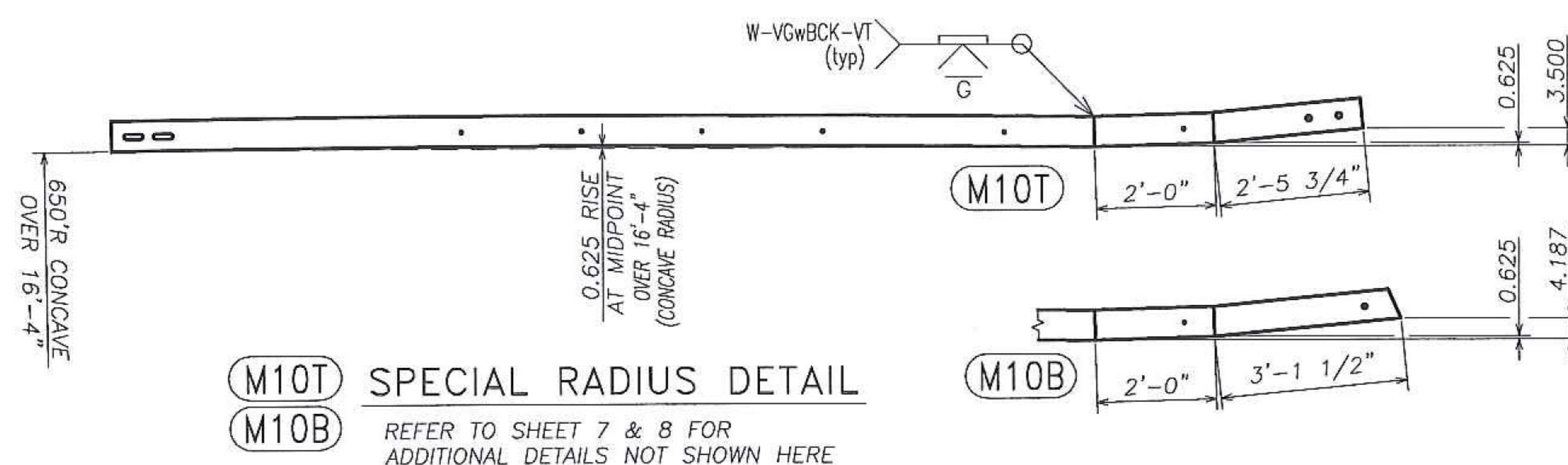
9'-0" LOWER RAIL END TUBE
WITH ADDITIONAL FLARE ANGLES
TO ACCOMMODATE 35°R
AND MAINTAIN 4'-0" KICKBACK

APPROX.
POINT OF
RADIUS
CHANGE

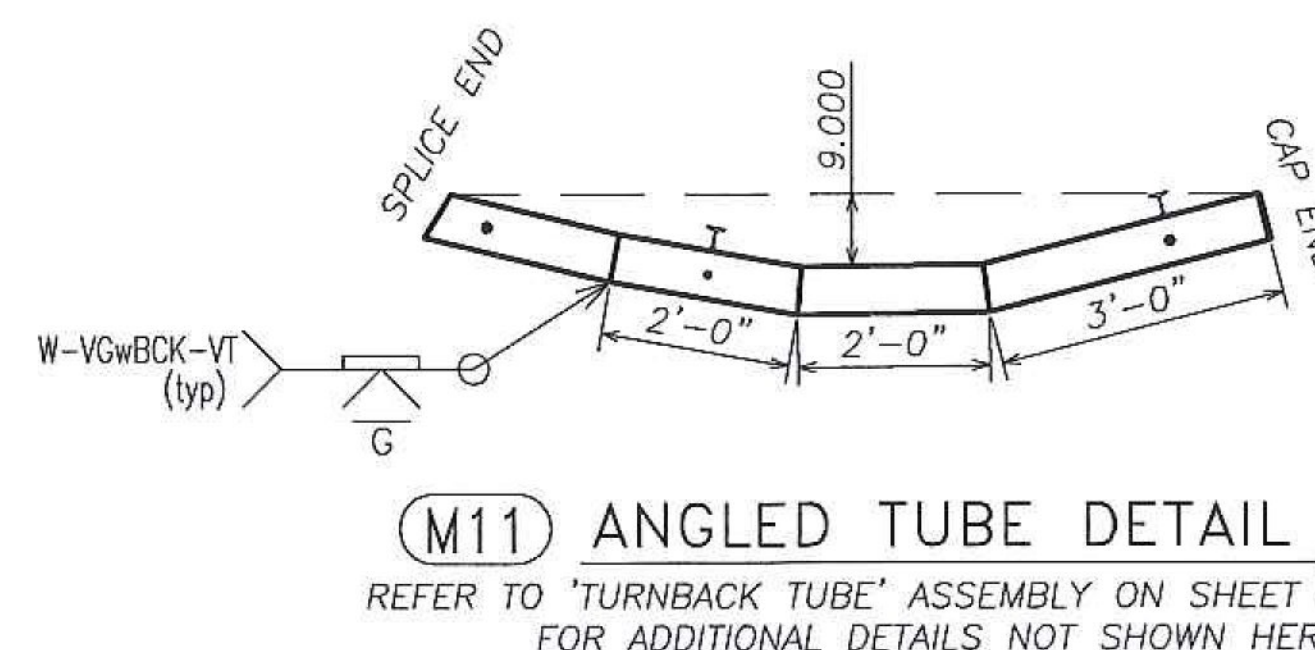
RAIL CURVES <50°R WILL BE ACCOMMODATED
BY MITER CUTTING & WELDING TUBE SEGMENTS
TO APPROXIMATE REQUIRED RADIUS
SEE MITER DETAIL (THIS SHEET)



* NOTE: APPROACH RAIL HEIGHT TAPERS FROM 2'-9" HIGH AT BRIDGE
TO 2'-3" HIGH AT STANDARD BOX BEAM G/R HEIGHT. (typ) ALL CORNERS.
RAILING IS DEPICTED STRAIGHT (LEVEL) IN THIS VIEW FOR SIMPLIFICATION.
REFER TO SHEET 7 & 8 FOR SPECIFIC APPROACH RAIL DETAILS



M10T SPECIAL RADIUS DETAIL
M10B REFER TO SHEET 7 & 8 FOR
ADDITIONAL DETAILS NOT SHOWN HERE



M11 ANGLED TUBE DETAIL

REFER TO 'TURNBACK TUBE' ASSEMBLY ON SHEET 8
FOR ADDITIONAL DETAILS NOT SHOWN HERE

HIGHWAY SAFETY CORP GLASTONBURY, CT 860-633-9445		CERTIFIED FABRICATOR
ITEM 525.335 BRIDGE RAIL, GALVANIZED, 3 RAIL BOX BEAM ITEM 621.725 GUARDRAIL APPROACH, GALVANIZED, 3 RAIL BOX BEAM VT RT 15A BRIDGE No. 1 TOWN OF MORRISTOWN - LAMOILLE COUNTY, VT BRS 0240(3) S		
GENERAL CONTRACTOR SUB CONTRACTOR LAFAYETTE		HSC JOB NO. 2236 SHEET NO. 4 of 8
DRAWN PAR	CHECKED DATE 04-09-18	SCALE NONE SIZE D