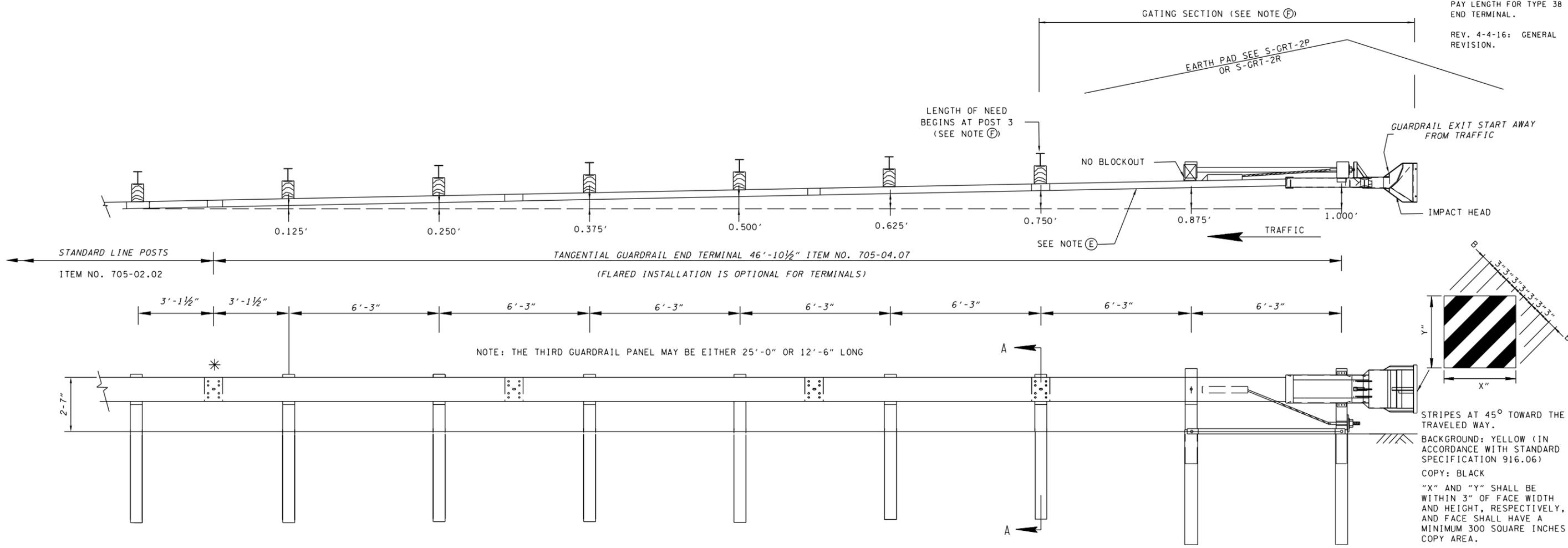


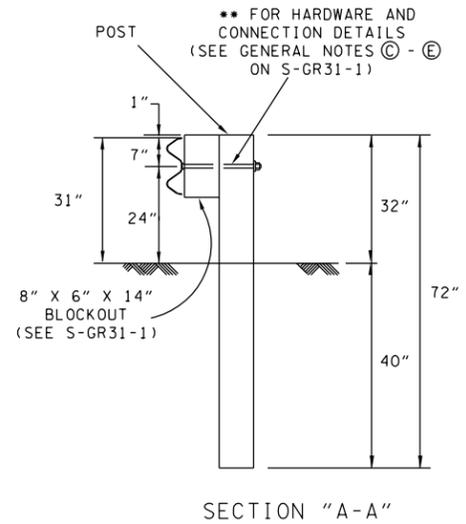
REV. 11-3-14: MODIFIED PAY LENGTH FOR TYPE 38 END TERMINAL.
 REV. 4-4-16: GENERAL REVISION.



* FOR MAINTENANCE AND REPAIR PROJECTS, USE S-GRS-4 TO TRANSITION BACK TO 27" HEIGHT IF ONLY THE TERMINAL IS PROPOSED TO BE REPLACED.

NOTE TO INSTALLER
 SKT 350 IS SHOWN, POST MATERIAL TYPE, SIZE, GUARDRAIL SPlicing LOCATION, TAPER RATE, OFFSET, GUARDRAIL HEIGHT, IMPACT HEAD DIMENSION, AND ALL OTHER MISCELLANEOUS HARDWARE MAY BE DIFFERENT. INSTALLATION SHALL FOLLOW THE MANUFACTURER'S SHOP DRAWINGS.

NOTE TO DESIGNER
 DO NOT USE WITHOUT REFERENCING S-GRT-2P OR S-GRT-2R



- GENERAL NOTES**
- (A) ONLY NCHRP 350 OR MASH COMPLIANT TL-3 TANGENTIAL END TERMINAL ON THE TDOT QUALIFIED PRODUCTS LIST MAY BE INSTALLED. MANUFACTURER'S SHOP DRAWINGS SHALL BE REQUIRED BEFORE ANY TANGENTIAL END TERMINAL INSTALLATIONS CAN BEGIN. THE CONTRACTOR SHALL HAVE ONE COMPLETE SET OF SHOP DRAWINGS ON SITE DURING INSTALLATION OR REPAIR OF ANY TANGENTIAL GUARDRAIL TERMINAL ANCHOR. THE CONTRACTOR SHALL ALSO PROVIDE THE CONSTRUCTION OR MAINTENANCE SUPERVISOR WITH ONE COMPLETE SET OF SHOP DRAWINGS INCLUDING TDOT QPL EVALUATION NUMBER.
 - (B) FOR THE TYPE 38 GUARDRAIL TERMINAL TO FUNCTION AS IT WAS CRASH TESTED UNDER NCHRP-350 TEST LEVEL 3 THE EARTH PAD MUST BE CONSTRUCTED PER STANDARD DRAWING NO. S-GRT-2P OR S-GRT-2R.
 - (C) THE TANGENTIAL ENERGY ABSORBING TERMINAL (INCLUDING ANCHOR) IS TO BE INSTALLED UNDER THE PRICE BID FOR ITEM NO. 705-04.07 PER EACH.
 - (D) TERMINAL SYSTEM MUST BE CONSTRUCTED SO THAT THE FULL LENGTH OF THE TERMINAL SYSTEM GUARD RAILING IS IN STRAIGHT ALIGNMENT.
 - (E) DIFFERENT TANGENTIAL TERMINAL SYSTEMS OR PARTS SHALL NOT BE COMBINED ON A RUN OF GUARDRAIL.
 - (F) FIRST 12'-6" FROM IMPACT HEAD IS GATING FOR SKT 350, DO NOT USE THIS SECTION IN LENGTH OF NEED. OTHER TERMINALS(SOFT STOP, X-LITE, OR X-TENSION) ARE NON GATING AND LENGTH OF NEED BEGINS AT THE FIRST POST.
 - (G) IF GUARDRAIL NEEDS TO BE EXTENDED, EXTEND GUARDRAIL IN INCREMENTS OF 12'-6".
 - (H) IF WOOD POSTS ARE USED, ALL HOLES IN WOOD POSTS ARE TO BE DRILLED BEFORE PRESERVATIVE TREATMENT.
 - (I) ALL CUTTING, DRILLING, AND WELDING OF STEEL COMPONENTS SHALL BE DONE BEFORE GALVANIZING.
 - (J) THE FINISHED CABLE ASSEMBLY WILL NOT BE ACCEPTABLE UNLESS IT IS IN TENSION WITH NO SAG.
 - (K) FLARED INSTALLATION, AS SHOWN, IS OPTIONAL FOR SKT 350, WHERE SHOULDER IS 4'-0" OR WIDER. IF FLARED INSTALLATION IS IMPLEMENTED, USE 50:1 MAXIMUM FLARE RATE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

TYPE 38
 GUARDRAIL END
 TERMINAL

7-11-13 S-GRT-2