



SECTION A-A

NOTE TO DESIGNER

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

NOTE TO INSTALLER

SKT 350 WITH 21'-10½" INSTALLATION 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 FOR OTHER DEVICES. INSTALLATION SHALL FOLLOW THE MANUFACTURER'S SHOP DRAWINGS.

GENERAL NOTES

- (A) THIS TERMINAL SHALL ONLY BE USED ON ROADWAYS WITH POSTED SPEED LIMIT OF 45 MPH OR LESS.
- (B) ONLY NCHRP 350 OR MASH COMPLIANT TL-2 END TERMINALS ON THE TDOT OPL 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 OPL EVALUATION NUMBER.
- (C) FOR THE TYPE 21 GUARDRAIL TERMINAL TO FUNCTION AS IT WAS CRASH TESTED UNDER NCHRP 350 OR MASH TL-2 THE EARTH PAD MUST BE CONSTRUCTED PER STANDARD DRAWING NO. S-GRT-2P OR S-GRT-2R.
- (D) THE TERMINAL (INCLUDING ANCHOR) IS TO BE INSTALLED UNDER THE PRICE BID FOR ITEM NO. 705-04.04 PER EACH.
- (E) TERMINAL SYSTEM MUST BE CONSTRUCTED SO THAT THE FULL LENGTH OF THE TERMINAL SYSTEM GUARD RAILING IS IN A STRAIGHT ALIGNMENT.
- (F) DIFFERENT TERMINAL SYSTEMS OR PARTS SHALL NOT BE COMBINED ON A RUN OF GUARDRAIL.
- (G) THE FIRST 12'-6" FROM THE IMPACT HEAD IS GATING FOR SKT-SP-MGS, DO NOT USE THIS SECTION IN LENGTH OF NEED.
- (H) IF THE GUARDRAIL NEEDS TO BE EXTENDED, EXTEND IT IN INCREMENTS OF 12'-6".
- (I) IF WOOD POSTS ARE USED, ALL HOLES IN WOOD POSTS ARE TO BE DRILLED BEFORE PRESERVATIVE TREATMENT IS APPLIED.
- (J) ALL CUTTING, DRILLING, AND WELDING OF STEEL COMPONENTS SHALL BE DONE BEFORE GALVANIZING.
- (K) THE FINISHED CABLE ASSEMBLY WILL NOT BE ACCEPTABLE UNLESS IT IS IN TENSION WITH NO SAG.
- (L) IF THE SHOULDER IS LESS THAN 2'-0", END TERMINAL MUST BE FLARED. IF THE SHOULDER IS GREATER THAN 2'-0", END TERMINAL MAY BE TANGENTIAL. IF FLARED INSTALLATION IS IMPLEMENTED, USE 25:1 MAXIMUM FLARE RATE OR INSTALL END TERMINAL AS DIRECTED BY THE FIELD ENGINEER.
- (M) FOR RETROFIT PROJECTS, SEE S-GRT-2R.
- (N) FOR NEW CONSTRUCTION, INSTALL TERMINALS AT 31" HEIGHT. FOR RETROFIT PROJECTS, USE GUARDRAIL HEIGHT TRANSITION DETAIL. SEE S-GRS-4.

REV. 11-3-14: MODIFIED PAY LENGTH FOR TYPE 38 END TERMINAL.

REV. 4-4-16: THE PREVIOUSLY SHOWN SKT75 (SLOTTED FLARED GUARDRAIL TERMINAL) IS NO LONGER AVAILABLE FOR 31" INSTALLATION. REVISED TO SHOW TL-2 T-350 TERMINAL.

REV. 10-10-16: UPDATED LIMIT OF PAYMENT.