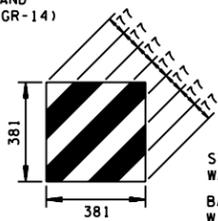


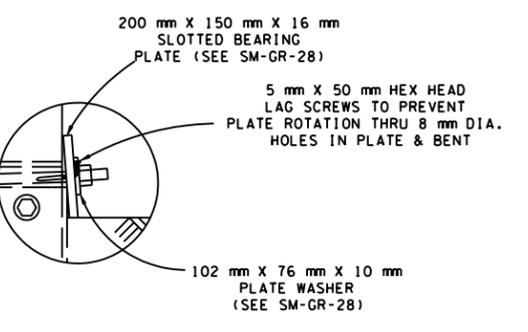
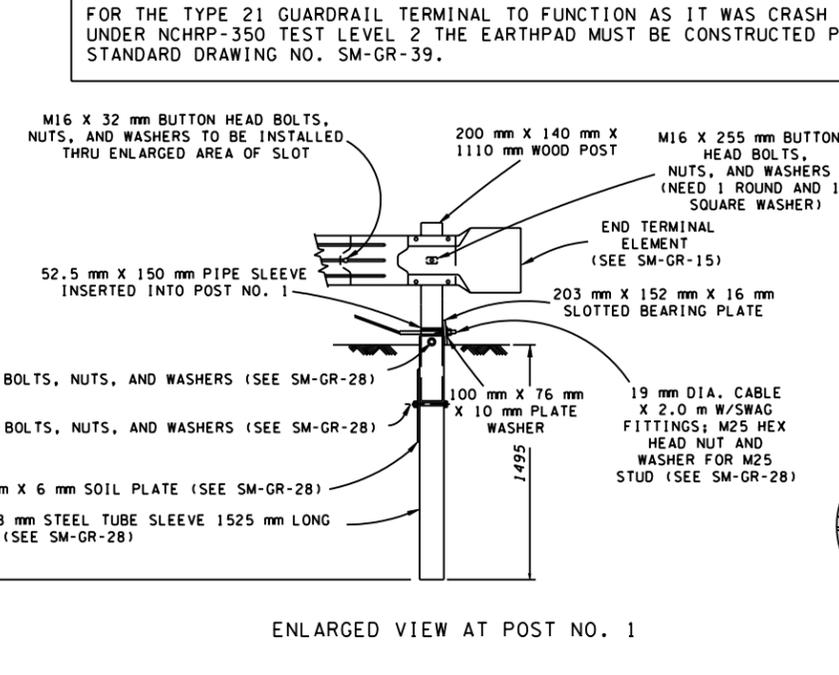
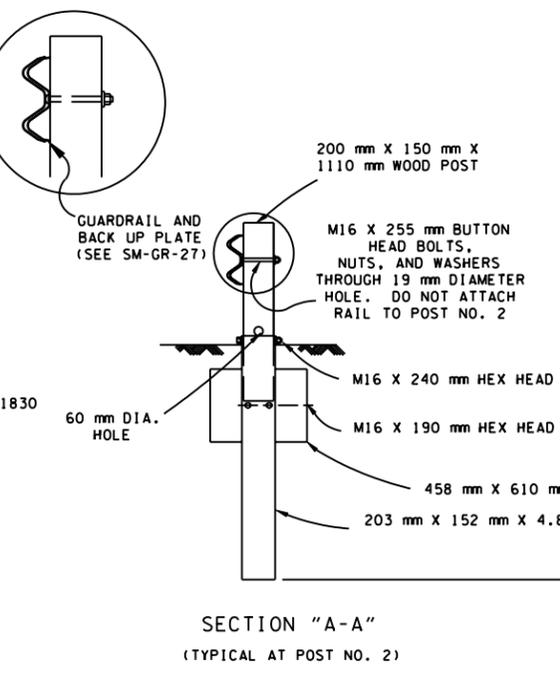
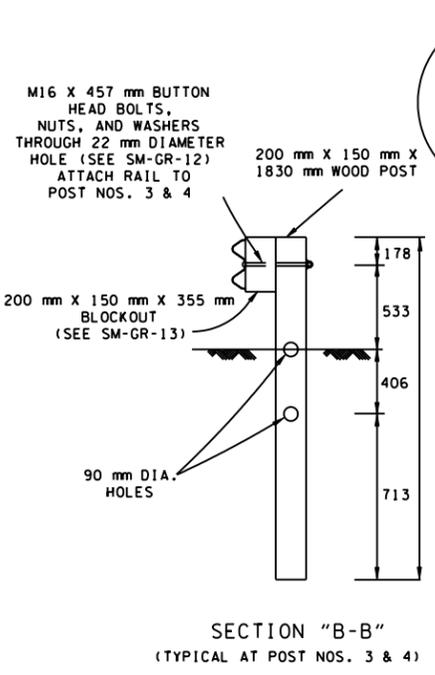
- REV. 11-1-95: CHANGED TO METRIC.
- REV. 5-27-98: REPLACED SHELF ANGLE WITH BACK UP PLATE ON POST NO. 2.
- REV. 12-18-98: MODIFIED OLD GENERAL NOTE (A2) AND COMBINED IT WITH OLD GENERAL NOTE (A3) TO MAKE NEW GENERAL NOTE (A2).
- REV. 5-27-99: REMOVED GROUND STRUT ASSEMBLY DETAILS FROM DRAWING.
- REV. 5-27-01: CHANGED PAY ITEM NO. 705M04.21 TO 705M04.04. ADDED SPECIAL GUARDRAIL INSTALLATION NOTE.
- REV. 7-1-01: CHANGED SPECIAL GUARDRAIL INSTALLATION NOTE.
- REV. 9-5-01: CHANGED HEADING FOR SPECIAL INSTALLATION NOTE.



STRIPES AT 45° TOWARD THE TRAVELED WAY.
BACKGROUND: YELLOW (IN ACCORDANCE WITH STANDARD SPECIFICATION 916.06)
COPY: BLACK

SPECIAL INSTALLATION NOTE
FOR THE TYPE 21 GUARDRAIL TERMINAL TO FUNCTION AS IT WAS CRASH TESTED UNDER NCHRP-350 TEST LEVEL 2 THE EARTH PAD MUST BE CONSTRUCTED PER STANDARD DRAWING NO. SM-GR-39.

- GENERAL NOTES**
- (A1) THE POST OFFSET DIMENSIONS ARE GIVEN TO THE CENTER OF THE TRAFFIC FACE OF THE BLOCKOUTS, EXCEPT AT THE FIRST TWO POSTS, WHERE THE DIMENSION IS TO THE CENTER OF THE TRAFFIC FACE OF THE POST. OFFSET POINTS ARE TO BE LOCATED BY CHORD MEASUREMENTS AT THE BACK OF THE RAIL EQUAL TO THE NOMINAL POST SPACINGS SHOWN. POSTS ARE TO BE SET APPROXIMATELY RADIAL TO THE RAILINGS AT EACH POST LOCATION.
 - (A2) ON ALL LOW SPEED ROADS NOT ON THE DESIGNATED STATE HIGHWAY SYSTEM, INCLUDING SIDE ROAD TO STATE AND U. S. ROUTES, WHEN THE CURRENT DESIGN SPEED IS 60 KILOMETERS PER HOUR OR LESS, THE SLOTTED RAIL TERMINAL - SRT 75 (TYPE 21) TERMINAL ANCHOR, SHALL BE USED. PAYMENT IS TO BE MADE UNDER ITEM 705M04.04 GUARDRAIL TERMINAL (TYPE 21).
 - (A3) OMIT THE RECTANGULAR WASHER BETWEEN BUTTON HEAD BOLT AND RAIL ON POST NOS. 2 THROUGH 6.



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GUARDRAIL TERMINAL ANCHOR (TYPE 21)
POST LAYOUT AND ERECTION DETAILS

11-1-95 SM-GR-26