

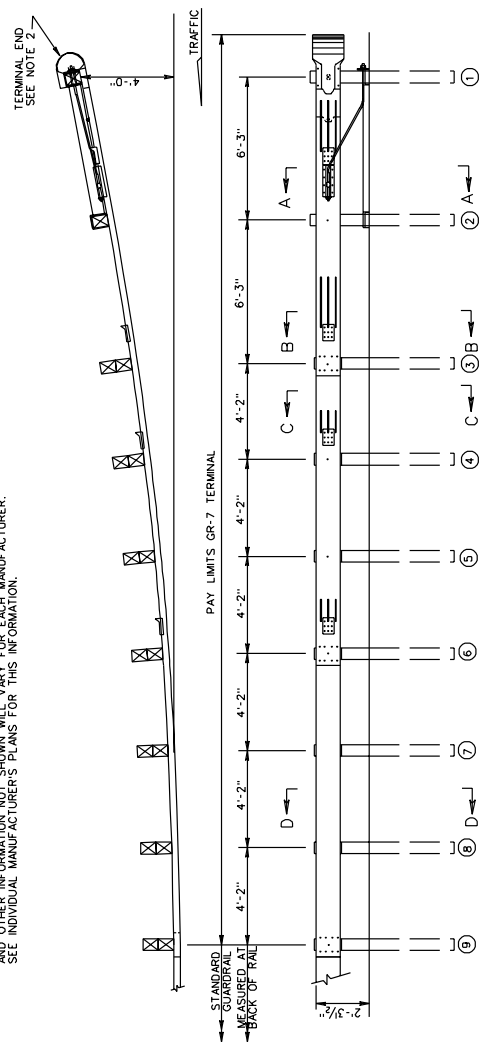
SURVEYED BY \_\_\_\_\_  
 SUPERVISED BY \_\_\_\_\_  
 DESIGNED BY \_\_\_\_\_

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED	STATE	FEDERAL AID PROJECT	ROUTE	STATE	PROJECT	SHEET NO.
	VA.					

GR-7

- NOTES:
1. GUARDRAIL TERMINAL STD. GR-7 IS TO BE SFT 350 (SIMILAR TO AS SHOWN) AND IS TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH BY ROAD SYSTEMS, INC., OR OTHER VDOT APPROVED EQUAL MEETING NCHRP 350 TESTING CRITERIA.
  2. ALL TERMINALS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTALLATION PROCEDURE AND THE FOLLOWING ADDITIONAL REQUIREMENTS:
    - A. STANDARD TERMINALS SHALL BE INSTALLED WITH A 1 FT. OFFSET.
    - B. YELLOW 8" X 36" REFLECTIVE SHEETING IN ACCORDANCE WITH VDOT SPECIFICATIONS SHOULD BE APPLIED IN TERMINALS EMPLOYING STANDARD TERMINALS.
    - C. HEADS-UPBER YELLOW REFLECTIVE SHEETING WITH BLACK DIAGONAL STRIPES SHOULD BE APPLIED TO THE FULL AREA INSIDE THE IMPACT HEAD WITH THE DIRECTION OF TRAVEL.
    - D. BLACK DIAGONAL STRIPES CONFORMING TO THE REQUIREMENTS OF THE MANUFACTURER SHALL BE APPLIED TO THE GR-7 TERMINAL.
  3. IF YOU CANNOT GET THE NECESSARY CLEAR RADIUS AREA FOR THE GR-7 TERMINAL CONSIDER ALTERNATIVE TERMINAL OPTIONS.
  4. FOR DETAILS OF GUARDRAIL TERMINAL INSTALLATION SITE PREPARATION REQUIREMENTS, SEE STANDARD GR-SP.
  5. THIS DRAWING IS REPRESENTATIONAL ONLY. DETAILS, DIMENSIONS, QUANTITIES, AND OTHER INFORMATION NOT SHOWN WILL VARY FOR EACH MANUFACTURER. SEE INDIVIDUAL MANUFACTURER'S PLANS FOR THIS INFORMATION.



SHEET 1 OF 2

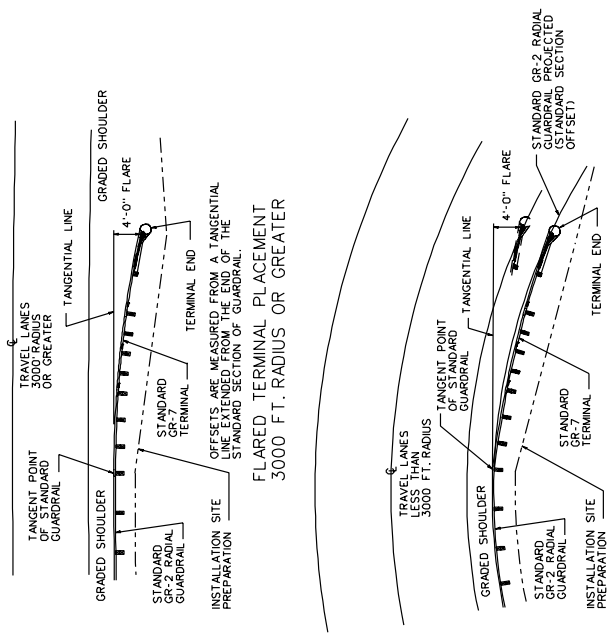
BREAKAWAY CABLE TERMINAL  
 4' FLARE

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE  
 221  
 505

REV. 7/04  
 50111

GR-7



IF THE OFFSET IS LESS THAN THE STANDARD SECTION OFFSET THE OFFSET SHALL BE HELD AT THE STANDARD SECTION OFFSET.

FLARED TERMINAL PLACEMENT ON INSIDE OF CURVE - LESS THAN 3000 FT. RADIUS

SHEET 2 OF 2

BREAKAWAY CABLE TERMINAL  
 4' FLARE

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE  
 221  
 505

REV. 7/04  
 50113

Rev. 7/04  
 SPECIAL DESIGN SECTION  
 DRAWING NO. A-89

PLAN NO.	PROJECT	FILE NO.	SHEET NO.