ECCENTRIC LOADER TERMINAL - ELT

BEGINNING OR ENDING STATION OF LENGTH OF NEED (SEE NOTE NO. 2)
PAY LIMITS FOR TERMINAL UNIT TYPE ELT
PAY LIMITS FOR STANDARD SECTION BEAM GUARDRAIL

PLAN

700 TYP W-BEAM

ELEVATION

See Detail "A"

TERMINAL UNIT TYPE ELT

ITEM NO. 606.1452 - BEAM GUARDRAIL (TERMINAL UNIT TYPE ELT)
PURPOSE: UNIT
USE: AT BEGINNING OR END OF STANDARD SECTION GUARDRAIL

GENERAL NOTES

1. THE CORRECT ASSEMBLY AND INSTALLATION OF THIS TERMINAL UNIT, INCLUDING THE LAYOUT OF THE 11.45 m (37.5 ft) TELESCOPE, IS IMPORTANT TO ITS PROPER PERFORMANCE.

2. THE LENGTH OF NEED IS THE TOTAL LENGTH OF A CONSECUTIVE BARRIER NEEDED TO SHIELD AN AREA OF CONCERN. TO DETERMINE THE LENGTH OF NEED, REFER TO THE ROADWAY DESIGN GUIDE - AASHTO, 1986.

3. THE AREA OUTSIDE AND DOWNSTREAM OF THE FIRST 3050 mm (1000 ft) BREAKAWAY NOSE (SECTION) OF THE ELT SHOULD BE REASONABLY TRAVERSABLE AND FREE OF FIXED-OBJECT HAZARDS TO THE EXTENT PRACTICAL. IF A CLEAR DEPTH IS NOT ATTAINABLE, THE AREA SHOULD AT LEAST BE SIMILAR IN CHARACTER TO UPSTREAM, UNSHIELDED ROADSIDE AREAS.

4. SEE STANDARDS NO. GR-35 & GR-42 FOR ELT HARDWARE DETAILS. SEE STANDARD NO. GR-1 FOR ADDITIONAL DETAILS OF COMMON HARDWARE.

5. THIS TERMINAL SHALL BE INSTALLED USING THREE 510 mm (20 IN) LONG STRAIGHT SECTIONS OF W-BEAM RAIL THAT ARE FORCED ACROSS THE POSTS. SHOP-CURVED SECTIONS SHALL NOT BE USED. (THE SECOND SEQUENCE OF 606.2.4.2 DOES NOT APPLY.)

BREAKAWAY NOSE SECTION

All dimensions shown are in millimeters or meters. Whole numbers indicate millimeters; decimal numbers indicate meters unless otherwise noted.

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