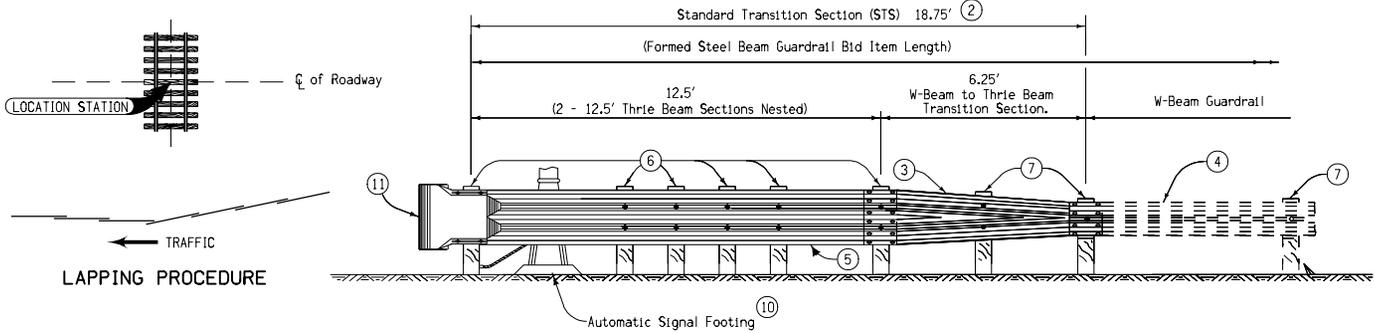
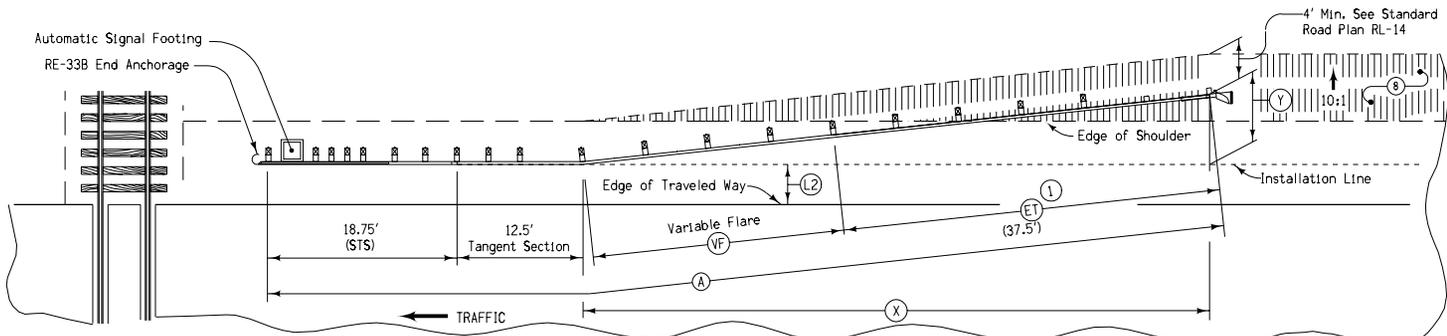


CASE "S"



PARTIAL ELEVATION

OFFSETS TO LAST POST OF TERMINAL							
Distance Along Flare (9)	37.5'	50.0'	62.5'	75.0'	87.5'	100.0'	112.5'
(X)	37.29'	49.71'	62.14'	74.57'	87.00'	99.43'	111.86'
(Y)	4.00'	5.33'	6.67'	8.00'	9.33'	10.67'	12.00'



CASE "F"

GENERAL NOTES:

Details indicated herein are for installation of formed steel beam guardrail at automatic signal footing locations adjacent to the traveled way. For information regarding individual installations, refer to Tabulation of Beam Guardrail Installations, other Standard Road Plans and detailed project plans for additional data.

In areas where the guardrail diverges from the installation line, a smooth profile shall be established. Grade a 10:1 slope from the edge of the shoulder to behind the guardrail post as detailed on Standard Road Plan RL-14.

Guardrail shall be lapped towards the obstacle.

Contract items for guardrail construction are:

- Installation of Guardrail
- (Bid Item Length = A)
- Beam Guardrail End Anchorage (RE-33B)
- Beam Guardrail Terminal (RE-76)

- 1 Refer to Standard Road Plan RE-76 for details of Terminal Section.
- 2 Refer to Standard Road Plan RE-68 for details of Standard Transition Section.
- 3 Thrie Beam Transition Section; refer to Standard Road Plan RE-2B.
- 4 Formed Steel "W" Beam Guardrail; refer to Standard Road Plan RE-12A.
- 5 Formed Steel Thrie Beam Guardrail; refer to Standard Road Plan RE-12B.
- 6 6" x 8" x 7' Wood Post with Spacer Block.
- 7 6" x 8" x 6' Wood Post with Spacer Block.
- 8 For earth shaping at barriers and berm widths, see Standard Road Plan RL-14.
- 9 Variable Flare length (VF) + Terminal length (ET) (37.5').
- 10 On two-lane undivided highways, two posts in the Standard Transition Section are not installed at the footing.
- 11 Apply 12" x 12" yellow Type III retroreflective sheeting to terminal section.

STANDARD ROAD PLAN RE-63	
REVISION: Change RE-33B End Anchorage. Add note 11.	REVISION NO. 10
<i>William J. Altan</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-29-02
GUARDRAIL INSTALLATION (Railroad Automatic Signal Footing)	