OVERHEAD SIGN SUPPORT, etc)

The length of guard railing within the 15:1 or flatter flare is based on the edge of the paved shoulder or offset line of edge of traveled way.

A concrete wall or barrier should be constructed to shield the fixed object(s).

NO SCALE

Where placement of dike is required with guard railing, see Standard Plans A77A1, A77A2, A77B1, A77C1 and A77C2.

As site conditions dictate, construct additional guard railing to shield fixed object(s). Additional guard railing length equal to multiples of 12'-6".

The type of terminal system to be used will be shown on the Project Plans.

Guard railing post spacing to be 6'-3" center to center, except as otherwise noted.

For details of buried post anchor details, see Standard Plan AT132.

In-line Terminal System End Treatments are used where site conditions do not accommodate a flared end treatment.

No.

Note:

1. Line posts, blocks and connectors to be used are shown on Standard Plans AT71A, AT72A, AT71C and AT72C.

2. Guard railing ends should be 6'-3" center to center, except as otherwise noted.

3. Except as noted, line posts are 6" x 8" x 6'-0" wood with 6" x 8" x 1'-2" wood blocks where applicable and when specified.

4. A 4'-0" minimum clearance is maintained between the face of the guard railing and the face of a fixed object placed between the guard railing and the traveled way.

5. Direction of adjacent traffic indicated by .

6. In-line Terminal System End Treatments are used where site conditions do not accommodate a flared end treatment.

7. Where placement of dike is required with guard railing, see Standard Plan AT132.

8. Line post, blocks and hardware to be used are shown on Standard Plans AT77A1, AT77A2, AT77B1, AT77C1 and AT77C2.


10. For typical flared offsets for 25'-0" length panels with maximum offset of 1'-0", see Standard Plan AT77E.

11. The flared or flatter flare for the buried post anchor is based on the line of the shoulder or center line on the proposed way. The length of guard railing within the (1) or flatter flare is based on site conditions and should be equal to multiples of 12'-6".

12. For details of buried post anchor details, see Standard Plan AT132.

13. For typical flared offsets for 25'-0" length panels with maximum offset of 1'-0", see Standard Plan AT77E.

14. 6" x 15 steel post, 6'-0" in length, with 6" x 8" x 1'-2" notched wood block or notched recycled plastic blocks may be used in place of the 10" x 10" x 8'-0" wood post with 8" x 8" x 1'-2" wood block shown in the "Strengthened Railing Sections" detail.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING
TYPICAL LAYOUTS FOR ROADSIDE FIXED OBJECTS

NO SCALE

A77G8