**EMBANKMENTS**

- **Type 11A Layout** (Embankment MGS installation with 31" in-line end treatment of traffic approach and of rolling)
  - See Note 5

- **Type 11B Layout** (Embankment MGS installation with 31" flared end treatment of traffic approach and of rolling)
  - See Note 5

- **Type 11C Layout** (Embankment MGS installation with 31" in-line end treatment of traffic approach and of rolling)
  - See Note 5

Notes:

1. Line posts, blocks and hardware to be used are shown on Revised Standard Plans RSP A77L1, RSP A77L2, RSP A77M1, RSP A77N1 and RSP A77N2.

2. MGS post spacing to be 5'-0" center to center, except as otherwise noted.

3. Except as noted, line posts are 6" x 8" x 6'-0" wood with 6" x 10" x 1'-0" wood blocks, 6" x 12" x 2'-0" steel posts, 6'-0" in length, with 6" x 12" x 1'-0" notched wood blocks or recycled plastic blocks may be used for 6" x 8" x 6'-0" wood post with 6" x 8" x 1'-0" wood block where applicable and when specified.

4. For End Anchor Assembly (Type SFT) details, see Revised Standard Plan RSP A77S1.

5. Layout Types 11A, 11B or 11C are typically used where MGS is required to shield embankment slopes and a crashworthy end treatment is required for only one direction of traffic.

6. 31" in-line terminal system and treatments are used where site conditions will not accommodate a flared end treatment.

7. The type of 31" terminal system and treatment to be used will be shown on the project plans.

8. Dependent on site conditions (embankment height and slope slope), construction of additional MGS (length equal to multiples of 12'-6" with 6'-0" post spacing) may be advisable.

9. The 15:1 or flatter flare used with buried end anchors is based on the grade of the paved shoulder or offset line of edge of the traveled way. The length of MGS within the 15:1 or flatter flare is based on site conditions and should be a length equal to multiples of 12'-6".

10. For details of the buried post and anchor used with Type 11C Layout, see Revised Standard Plan RSP A77T2.

11. Where placement of dike is required with MGS installations, see Revised Standard Plan RSP A77M3 for dike positioning details.

12. Use this offset for 8-inch block, for 12-inch block, use 4'-0" win offset.