ROADSIDE FIXED OBJECTS

MIDWEST GUARDRAIL SYSTEM

NOTE A:

STREngthened MIDWEST GUARDRAIL SYSTEM SECTIONS
FOR FIXED OBJECT

Use strengthened MGS sections with layout Type 16H wherever minimum clearance between the face of the MGS and fixed object(s) is less than 4'-0", but not less than 3'-0". See Note 4.

STRENGTHENED MIDWEST GUARDRAIL SYSTEM SECTIONS
FOR FIXED OBJECT

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NOTES:

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

2. MGS post spacing to 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 required between the face of the rolling and the face of a fixed object located directly behind MGS sections with post spacing of 6'-3". Construct MGS as shown in the details "Strengthened Midwest Guardrail System Sections for Fixed Object(s)" on this plan, where the clearance between the face of any rolling and the face of a fixed object is less than 4'-0", but not less than 3'-0", where the clearance is less than 3'-0", a concrete wall or barrier should be constructed to shield the fixed object.

5. 31" In-line terminal system and treatments are used where site conditions will not accommodate a 31" flared end treatment.

6. The type of 31" terminal system to be used will be shown on the Project Plans.

7. As site conditions dictate, construct additional MGS to shield roadside fixed object(s) and a 31" end treatment is required for both directions of travel.

8. Where placement of line is required with MGS, see Standard Plan A77M1 for line positioning details.

9. Where placement of line is required with MGS, see Standard Plan A77M1 for line positioning details.

10. Where placement of line is required with MGS, see Standard Plan A77M1 for line positioning details.

11. Use this offset for 6" block. For 12" block use minimum 4'-0" offset.