STRENGTHENED RAILING SECTIONS FOR FIXED OBJECT

Use strengthened railing sections with layout Type 16H where minimum clearance between the face of the guard railing and fixed object(s) is less than 4'-0", but not less than 2'-3". See Note 4.

NOTES:
1. Line post, blocks and hardware to be used are shown on Standard Plans A77A1, A77B1, A77C1 and A77C2.
2. Guard railing 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 railing and fixed object(s) located directly behind standard guard railing sections with post spacing at 6'-3". Clearances at 3'-1½" center to center spacing are to be used between fixed objects.
5. Direction of adjacent traffic indicated by

TYPICAL LAYOUTS FOR METAL BEAM GUARD RAILING

- Layout Types 16D through 16L, shown on the A77G Series of Standard Plans, typically used where guard railing is recommended
- See Standard Plan A77C4 for dike positioning details
- Use strengthened railing sections with layout Type 16H where minimum clearance between the face of the guard railing and fixed object(s) is less than 4'-0", but not less than 2'-3". See Note 4.

NOTES:
6. The type of terminal system to be used will be shown on the Project Plans.
7. As site conditions dictate, construct additional guard railing to shield roadside fixed object(s) and a crashworthy end treatment will not accommodate a flared end treatment.
8. As site conditions dictate, construct additional guard railing to shield roadside fixed object(s) and a crashworthy end treatment.
9. Line post, blocks and hardware to be used are shown on Standard Plans A77A1, A77B1, A77C1 and A77C2.
10. Where placement of dike is required with guard railing, see Standard Plan A77C4 for dike positioning details.