



- A = (Distance from bearing to front face of cap) / cos
- B = (Width of berm) / cos
- C = Construction depth plus height of bearing pad
- D = Distance from top of cap to berm elevation
- E = $(2) (EI. A - C - D - EI. C) / \cos$
- F = $(2) (EI. B - C - D - EI. D) / \cos$
- W = Width of traveled way plus width of obstruction-free or clear zone
- EI. A = Elevation of top of slab
- EI. B = Elevation of top of slab
- EI. C = Elevation of toe of slope
- EI. D = Elevation of toe of slope

STRUCTURE LENGTH FOR HIGHWAY CROSSING
(Beam Type Superstructure)

Figure 59-1K

Note: Interior supports are not shown.

STRUCTURE LENGTH FOR HIGHWAY CROSSINGS (Beam Type Superstructures)

Figure 59-1K