Bridge Design Details 7.10 August 2025

Bent Cap Stirrup Reinforcement (Vertical Exterior Girders)

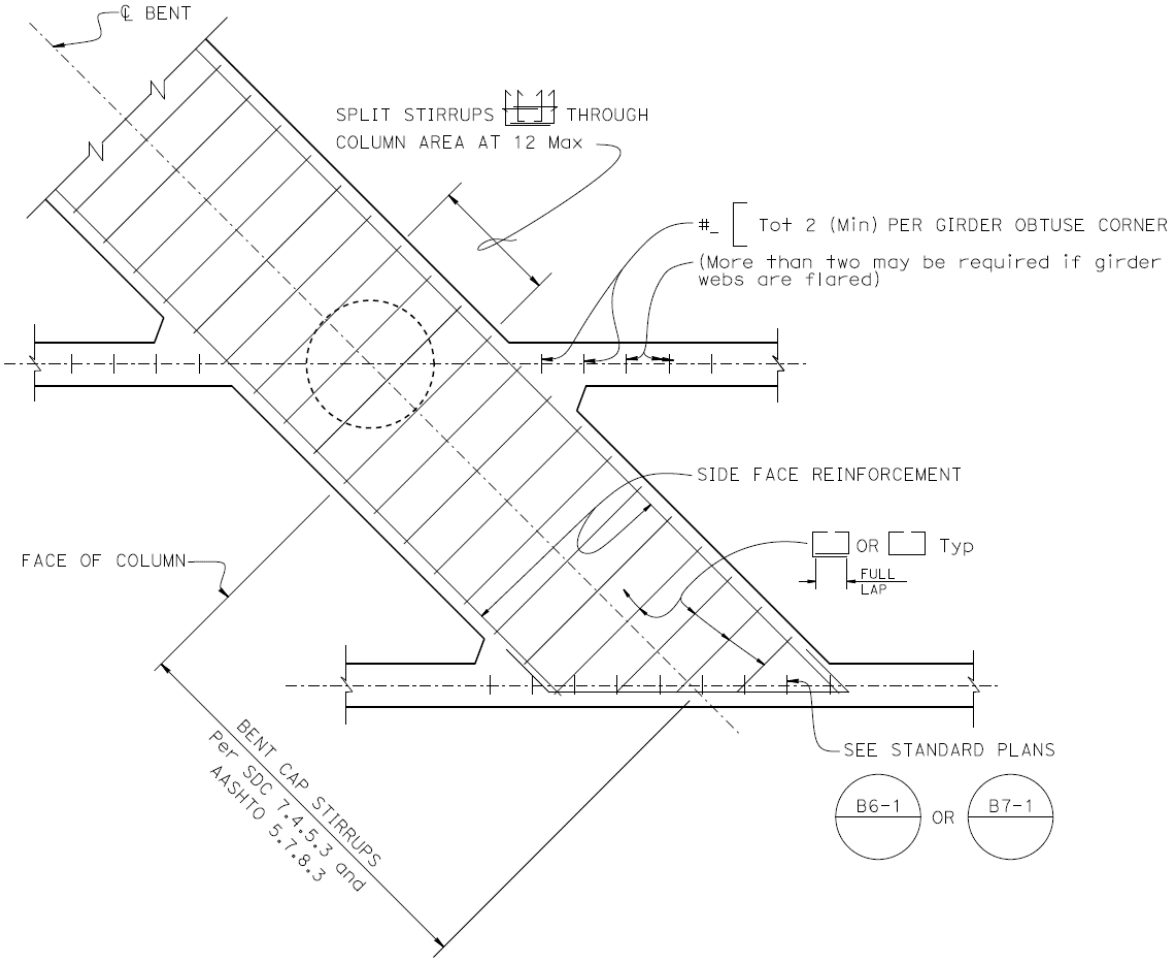

Figure 7.10.1 Stirrup Reinforcement at Skewed Bent Caps (Greater than 20° Skew)

Notes:

1. On sharply skewed structures, a PART PLAN is provided as shown here, to assure adequate reinforcement is provided at bent cap and hinge ends.
2. For skews 0º to 20º, place bent cap and diaphragm stirrups parallel to girders; for skews over 20º, place bent cap and diaphragm stirrups normal to ℄ Bent but may be placed parallel to girders if required for utility openings. Careful consideration should be given to the size and placement of utility openings on sharply skewed structures.