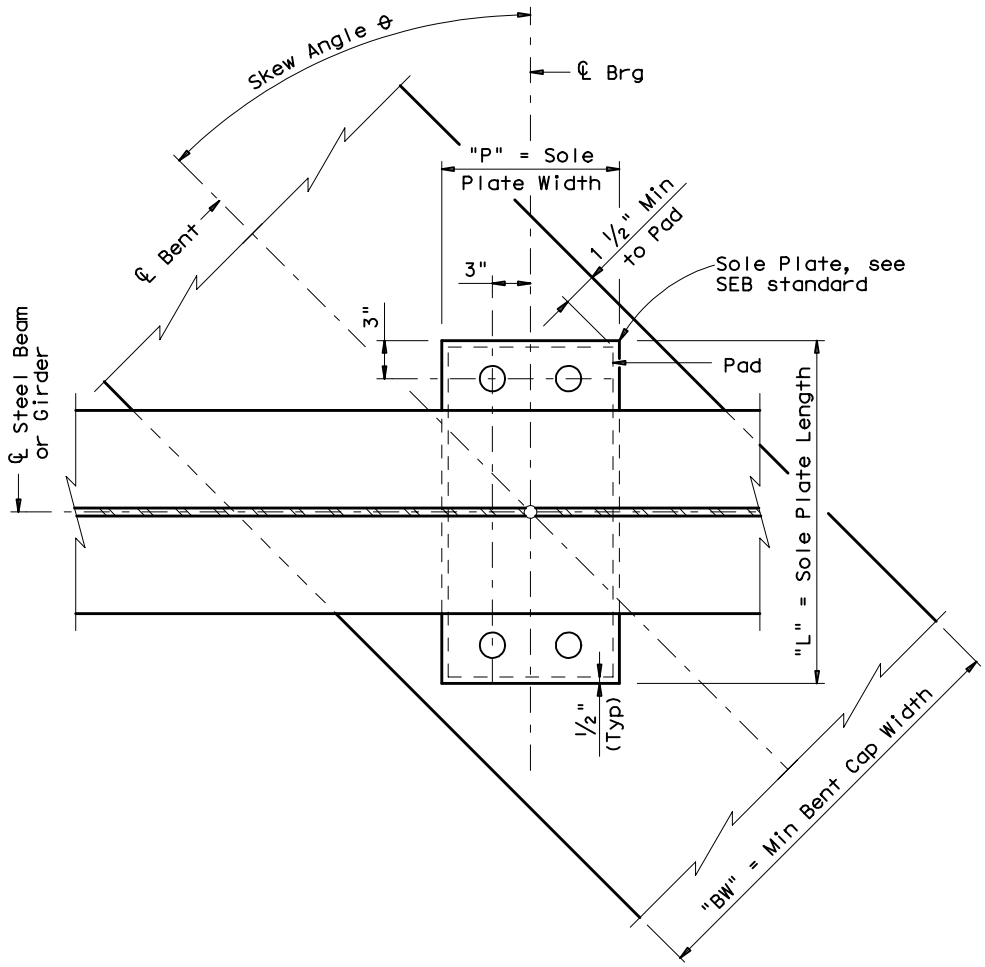

$$\text{"BW"} = 2\left[1.5" + \left(\frac{\text{"L"}}{2} - 0.5"\right)\sin\theta + \left(\frac{\text{"P"}}{2} - 0.5"\right)\cos\theta\right]$$

Example:
Skew Angle = 40°
IF 6 Brg
"L" = 35"
"P" = 18"

$$\text{"BW"} = 2\left[1.5" + \left(\frac{35"}{2} - 0.5"\right)\sin 40° + \left(\frac{18"}{2} - 0.5"\right)\cos 40°\right] = 37.88"$$

Use 38" for minimum cap width.

Fig. 6-18