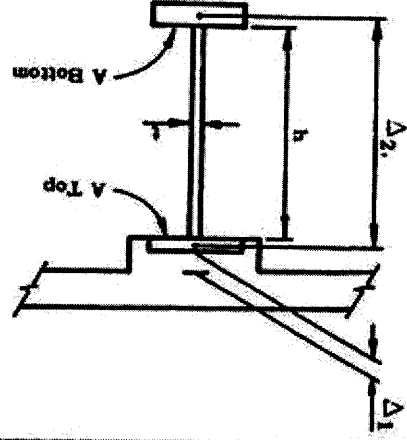


COMPOSITE GIRDER APPROXIMATE FLANGE AREAS

$$\frac{1}{2} = 170 \frac{1}{2}$$



C.G. of Steel Flange
 $d = \Delta_1 + \Delta_2$
 C.G. of Steel Flange
 Flange Area A_f

Area Top Flange

Area Bottom Flange

$$A_0 = \frac{(M_{DL} + M_{L+I})_{IK}}{F_y d} 12,000$$

