Distance from neutral axis of composite section to neutral axis of top chord angles = . . . . . $d_2$

Distance from neutral axis of composite section to neutral axis of bottom chord angles = . . . . . $d_3$

Distance from neutral axis of composite section to outermost fibers of compression chord = . . . . . $c_1$

Distance from neutral axis of composite section to outermost fibers of tension chord = . . . . . $c_2$

Allowable concrete strength $f_c$ = 3,000 pounds psi.

Allowable steel strength = . . . . . $f_s$

Allowable concrete compressive stress $f'_c$ = 1,350 pounds psi.

Actual concrete compressive stress = . . . . . $f'_{cc}$

Allowable steel compressive stress = . . . . . $f_{sc}$

Modular ratio = 15 = . . . . . $\frac{E_s}{E_c}$

SECTION PROPERTIES: (Refer to Sheets D101 through D103)

Moment of inertia of concrete = . . . . . $I_c$

Moment of inertia of top chord angles = . . . . . $I_{TCA}$

Moment of inertia of bottom chord angles = . . . . . $I_{BCA}$

Moment of inertia of composite system = . . . . . $I_S$

Area of concrete flange = . . . . . $A_c$

Area of top chord angles = . . . . . $A_{TCA}$

Area of bottom chord angles = . . . . . $A_{BCA}$

