All dimensions are in feet unless noted otherwise.

Correction at P.V.I.

$$c = [\ (l1)\ (l2)\ /\ (100)\ (2L)\ ]\ (A)$$

Correction at Points on Curve

$$e1 = (x1\ /\ l1)^2\ (c)$$
$$e2 = (x2\ /\ l2)^2\ (c)$$

Distance to High or Low Point of Curve (Occurring on Left Side)

$$[(G1)\ (L)\ /\ (G1 - G2)]\ (l1\ /\ l2)\ (1\ /\ 100)$$

Distance to High or Low Point of Curve (Occurring on Right Side)

$$[(G2)\ (L)\ /\ (G2 - G1)]\ (l2\ /\ l1)\ (1\ /\ 100)$$

$$A = G2 - G1$$
(A, G1 and G2 are in %)

Figure 4-08: Properties of an Unsymmetrical (Eccentric) Vertical Curve