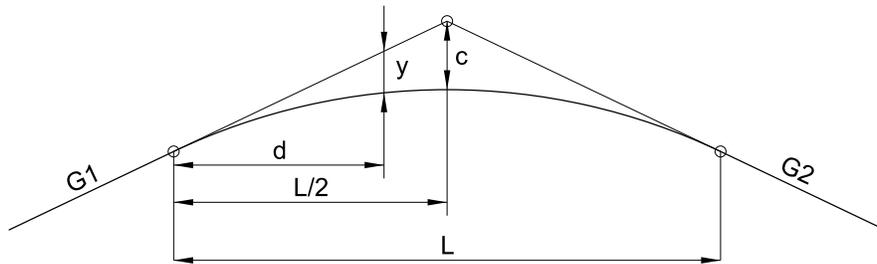


P.V.C. = Point of Vertical Curvature  
P.V.I. = Point of Vertical Intersection  
P.V.T. = Point of Vertical Tangency

Figure 4-06: Components of a Profile



All dimensions are in feet unless noted otherwise.

Correction at P.V.I.

$$c = (L) (A) / 800$$

Correction at Any Point on Curve

$$y = (d / 0.5L)^2 (c)$$

Distance to High or Low Point of Curve

$$(G1) (L) / A = (G1) (K)$$

$$A = G2 - G1$$

$$K = L / A$$

(A, G1 and G2 are in %)

Figure 4-07: Properties of a Symmetrical Vertical Curve