C. G. = Point of change of gradient

C = Center Correction

C' = Correction at any given point on curve.

D = L/2 = Half length of vertical curve.

D' = Distance to point where correction is required from beginning or end of curve.

$$C = \frac{\text{Alg. diff. x length of curve in stations}}{8}$$

$$C' = C\left(\frac{D'}{D}\right)^2$$

FIGURE C-6-9 PARABOLIC VERTICAL CURVE COMPUTATIONS*

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* Rev. 7/07