

Nomenclature For Circular Curves

POT	Point On Tangent outside the effect of any curve
POC	Point On a circular Curve
POST	Point On a Semi-Tangent (within the limits of a curve)
PI	Point of Intersection of a back tangent and forward tangent
PC	Point of Curvature - Point of change from back tangent to circular curve
PT	Point of Tangency - Point of change from circular curve to forward tangent
PCC	Point of Compound Curvature - Point common to two curves in the same direction with different radii
PRC	Point of Reverse Curve - Point common to two curves in opposite directions and with the same or different radii
L	Total Length of any circular curve measured along its arc
L_c	Length between any two points on a circular curve
R	Radius of a circular curve
Δ	Total intersection (or central) angle between back and forward tangents

Nomenclature For Circular Curves (Cont.)

DC	Deflection angle for full circular curve measured from tangent at PC or PT
dc	Deflection angle required from tangent to a circular curve to any other point on a circular curve
C	Total Chord length, or long chord, for a circular curve
C'	Chord length between any two points on a circular curve
T	Distance along semi-Tangent from the point of intersection of the back and forward tangents to the origin of curvature (From the PI to the PC or PT)
tx	Distance along semi-tangent from the PC (or PT) to the perpendicular offset to any point on a circular curve. (Abcissa of any point on a circular curve referred to the beginning of curvature as origin and semi-tangent as axis)
ty	The perpendicular offset, or ordinate, from the semi-tangent to a point on a circular curve
E	External distance (radial distance) from PI to midpoint on a simple circular curve