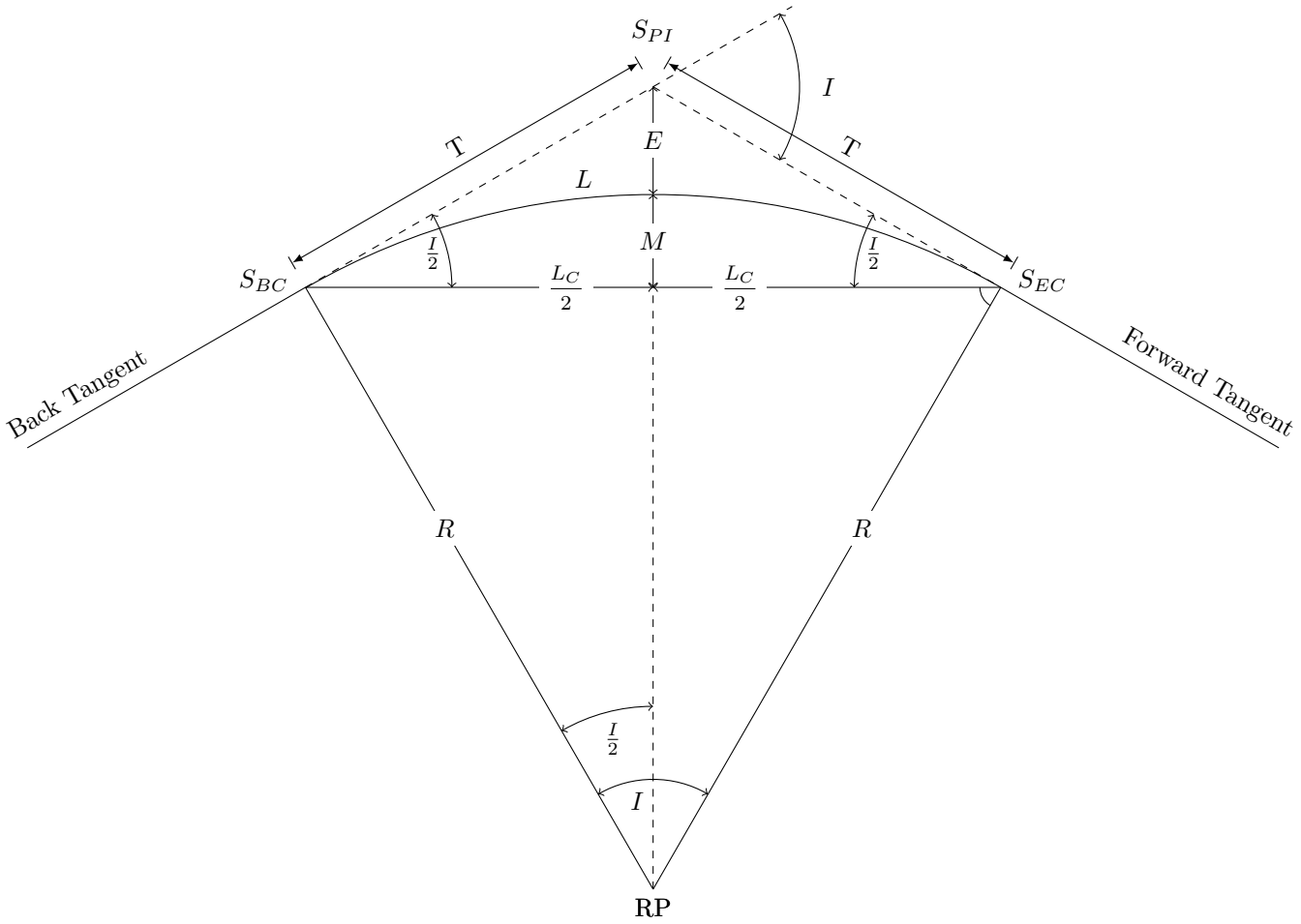

I	Central Angle	
R	Curve Radius	
S_{PI}	Station of Point of Intersection	
S_x	Station x along Curve	
T_x	Station x along Tangent	
T	Tangent Distance	$T = R\tan\left(\frac{I}{2}\right)$
L	Curve Length	$L = (R)(I)\left(\frac{\pi}{180}\right)$
E	External Distance	$E = R\left[\frac{1}{\cos\left(\frac{I}{2}\right)} - 1\right]$
M	Middle Ordinate Distance	$M = R\left[1 - \cos\left(\frac{I}{2}\right)\right]$
S_{BC}	Station of Curve Beginning	$S_{BC} = S_{PI} - \frac{T}{100}$
S_{EC}	Station of Curve Ending	$S_{EC} = S_{BC} + \frac{L}{100}$
L_C	Distance along Chord	$L_C = 2(R)\sin\left(\frac{I}{2}\right)$