

SURVEYING VERTICAL SUMMIT CURVE REPORT

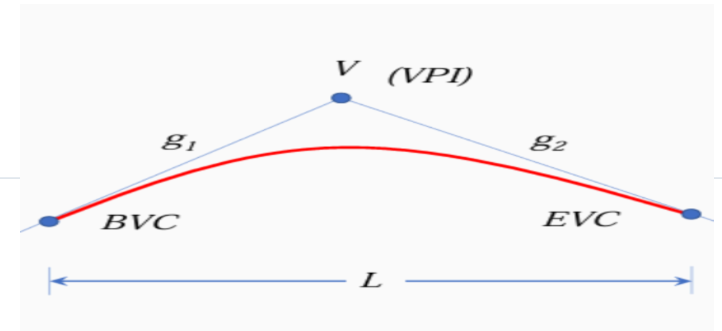
Calculated Parabolic Tangent Elevations, Offsets, & Curve Levels

Date Generated: 05 Jul 2026, 20:41

Design Settings: VPI Station: 10+00.00 m | VPI Elev: 100.000 m | g1: 3.00% | g2: -2.00% | L: 200.00 m | Interval: 20.00 m

Calculated Geometries: BVC: 9+00.00 @ 97.000 m | EVC: 11+00.00 @ 98.000 m

Summit Point (Highest): Distance from BVC: 120.00 m | Curve Elev: 98.800 m | Offset Y value: 1.800 m



Point	Station	Dist x (m)	Tangent Elev (m)	Offset Y (m)	Curve Elev (m)
BVC	9+00.00	0.00	97.000	0.000	97.000
	9+20.00	20.00	97.600	0.050	97.550
	9+40.00	40.00	98.200	0.200	98.000
	9+60.00	60.00	98.800	0.450	98.350
	9+80.00	80.00	99.400	0.800	98.600
	10+00.00	100.00	100.000	1.250	98.750
SUMMIT	10+20.00	120.00	100.600	1.800	98.800
	10+40.00	140.00	101.200	2.450	98.750
	10+60.00	160.00	101.800	3.200	98.600
	10+80.00	180.00	102.400	4.050	98.350
EVC	11+00.00	200.00	103.000	5.000	98.000