

Horizontal Alignment Review Report

Report Created: Wednesday, September 9, 2026

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Project: Design**Description:****File Name:** c:\temp\d1245691\122881_BK002.dgn**Last Revised:** 6/11/2026 12:49:33**Note:** All units in this report are in feet unless specified otherwise.**Alignment Name:** EXIT_RAMP**Alignment Description:****Alignment Style:** Alignment\GE_P_Alignment

		Station	Northing	Easting
Element: Linear				
POT	(POT)	7250.000 R1	254178.490	172267.898
PC	(PC)	7446.176 R1	254373.571	172288.602
Tangential Direction:		N6.058°E		
Tangential Length:		196.176		
Element: Circular				
PC	(PC)	7446.176 R1	254373.571	172288.602
HPI	(HPI)	7699.359 R1	254625.339	172315.322
CC	(CC)		253876.569	176971.563
CS	(CS)	7952.054 R1	254872.792	172368.882
Radius:		4709.260		
Delta:		6.155 Right		
Degree of Curvature (Arc):		1.217		
Length:		505.878		
Tangent:		253.183		
Chord:		505.635		
Middle Ordinate:		6.791		
External:		6.801		
Back Tangent Direction:		N6.058°E		
Back Radial Direction:		S83.942°E		
Chord Direction:		N9.136°E		
Ahead Radial Direction:		S77.787°E		
Ahead Tangent Direction:		N12.213°E		
Element: Clothoid				
CS	(CS)	7952.054 R1	254872.792	172368.882
HPI	(HPI)	8018.724 R1	254937.953	172382.986
ST	(ST)	8152.054 R1	255067.643	172413.953
Entrance Radius:		4709.260		
Exit Radius:		0.000		
Length:		200.000		
Angle:		1.217 Right		
Constant:		970.491		

Long Tangent: 133.336
 Short Tangent: 66.670
 Long Chord: 199.996
 Xs: 199.991
 Ys: 1.416
 P: 0.354
 K: 99.998
 Tangent Direction: N12.213°E
 Radial Direction: S77.787°E
 Chord Direction: N13.024°E
 Radial Direction: S76.570°E
 Tangent Direction: N13.430°E

Element: Linear

ST	(ST)	8152.054 R1	255067.643	172413.953
PC	(PC)	8259.672 R1	255172.318	172438.947
Tangential Direction:		N13.430°E		
Tangential Length:		107.618		

Element: Circular

PC	(PC)	8259.672 R1	255172.318	172438.947
HPI	(HPI)	8364.138 R1	255273.927	172463.210
CC	(CC)		254728.750	174296.594
PT	(PT)	8468.395 R1	255372.284	172498.409
Radius:		1909.870		
Delta:		6.262 Right		
Degree of Curvature (Arc):		3.000		
Length:		208.723		
Tangent:		104.466		
Chord:		208.619		
Middle Ordinate:		2.851		
External:		2.855		
Back Tangent Direction:		N13.430°E		
Back Radial Direction:		S76.570°E		
Chord Direction:		N16.560°E		
Ahead Radial Direction:		S70.309°E		
Ahead Tangent Direction:		N19.691°E		

Element: Linear

PT	(PT)	8468.395 R1	255372.284	172498.409
HPI	(HPI)	8632.502 R1	255526.794	172553.705
Tangential Direction:		N19.691°E		
Tangential Length:		164.107		

Element: Linear

HPI	(HPI)	8632.502 R1	255526.794	172553.705
POT	(POT)	9278.024 R1	256168.727	172621.685
Tangential Direction:		N6.045°E		
Tangential Length:		645.522		