

Horizontal Alignment Review Report

Report Created: Monday, September 21, 2026

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Project: Design**Description:****File Name:** c:\temp\d1245347\122877_BK101.dgn**Last Revised:** 9/21/2026 16:50:11**Note:** All units in this report are in feet unless specified otherwise.**Alignment Name:** BLP_NB_SW1A**Alignment Description:****Alignment Style:** Alignment\GE_P_Alignment

		Station	Northing	Easting
Element: Linear				
POT	(POT)	21000.000 R1	512836.396	145103.455
PC	(PC)	21039.513 R1	512870.936	145122.644
Tangential Direction:		N29.055°E		
Tangential Length:		39.513		
Element: Circular				
PC	(PC)	21039.513 R1	512870.936	145122.644
HPI	(HPI)	21052.992 R1	512882.719	145129.191
CC	(CC)		512878.221	145109.532
PT	(PT)	21061.474 R1	512890.483	145118.172
Radius:		15.000		
Delta:		83.887 Left		
Degree of Curvature (Arc):		21.972		
Length:		21.961		
Tangent:		13.479		
Chord:		20.052		
Middle Ordinate:		3.843		
External:		5.167		
Back Tangent Direction:		N29.055°E		
Back Radial Direction:		S60.945°E		
Chord Direction:		N12.888°W		
Ahead Radial Direction:		N35.169°E		
Ahead Tangent Direction:		N54.831°W		
Element: Linear				
PT	(PT)	21061.474 R1	512890.483	145118.172
PC	(PC)	21086.051 R1	512904.639	145098.082
Tangential Direction:		N54.831°W		
Tangential Length:		24.576		
Element: Circular				
PC	(PC)	21086.051 R1	512904.639	145098.082
HPI	(HPI)	21131.724 R1	512930.946	145060.745
CC	(CC)		512912.813	145103.842

PT	(PT)	21113.156 R1	512922.647	145105.659
	Radius:	10.000		
	Delta:	155.301 Right		
Degree of Curvature (Arc):		212.958		
	Length:	27.105		
	Tangent:	45.674		
	Chord:	19.537		
	Middle Ordinate:	7.861		
	External:	36.756		
Back Tangent Direction:		N54.831°W		
Back Radial Direction:		N35.169°E		
Chord Direction:		N22.819°E		
Ahead Radial Direction:		S10.469°W		
Ahead Tangent Direction:		S79.531°E		

Element: Linear

PT	(PT)	21113.156 R1	512922.647	145105.659
PC	(PC)	21149.878 R1	512915.974	145141.770
Tangential Direction:		S79.531°E		
Tangential Length:		36.722		

Element: Circular

PC	(PC)	21149.878 R1	512915.974	145141.770
HPI	(HPI)	21174.965 R1	512911.416	145166.439
CC	(CC)		512960.225	145149.946
PT	(PT)	21195.649 R1	512930.002	145183.287
	Radius:	45.000		
	Delta:	58.278 Left		
Degree of Curvature (Arc):		127.324		
	Length:	45.771		
	Tangent:	25.087		
	Chord:	43.824		
	Middle Ordinate:	5.695		
	External:	6.520		
Back Tangent Direction:		S79.531°E		
Back Radial Direction:		S10.469°W		
Chord Direction:		N71.330°E		
Ahead Radial Direction:		S47.809°E		
Ahead Tangent Direction:		N42.191°E		

Element: Linear

PT	(PT)	21195.649 R1	512930.002	145183.287
POT	(POT)	21230.308 R1	512955.682	145206.565
Tangential Direction:		N42.191°E		
Tangential Length:		34.659		