

Horizontal Alignment Review Report

Report Created: Tuesday, October 18, 2022
Time: 7:10:39 AM

Project: Design

Description:

File Name: c:\users\btieben\appdata\local\bentley\projectwise\workingdir\ohiodot-pw.bentley.com_ohiodot-pw-02\brett.tieben@dot.ohio.gov\d0326599\115000_ERI-250-10.63_BR001.dgn

Last Revised: 10/18/2022 07:10:31

Note: All units in this report are in feet unless specified otherwise.

Alignment Name: CLX_13

Alignment Description:

Alignment Style: Alignment\GE_X_Alignment

		<u>Station</u>	<u>Northing</u>	<u>Easting</u>
Element: Linear				
POT	()	96+83.520 R1	295759.098	148436.765
PC	()	99+17.557 R1	295878.194	148638.234
Tangential Direction:		N59°24'39.434"E		
Tangential Length:		234.037		
Element: Circular				
PC	()	99+17.557 R1	295878.194	148638.234
HPI	()	99+84.241 R1	295912.128	148695.638
CC	()		298070.382	147342.343
PCC	()	100+50.895 R1	295949.020	148751.188
Radius:		2546.570		
Delta:		03°00'00.000" Left		
Degree of Curvature (Arc):		02°14'59.711"		
Length:		133.338		
Tangent:		66.684		
Chord:		133.323		
Middle Ordinate:		0.873		
External:		0.873		
Back Tangent Direction:		N59°24'39.434"E		
Back Radial Direction:		S30°35'20.566"E		
Chord Direction:		N57°54'39.434"E		
Ahead Radial Direction:		S33°35'20.566"E		
Ahead Tangent Direction:		N56°24'39.434"E		
Element: Circular				
PCC	()	100+50.895 R1	295949.020	148751.188
HPI	()	103+66.499 R1	296123.623	149014.095
CC	()		297539.985	147694.592

PCC	()	106+76.451 R1	296373.524	149206.853
	Radius:	1909.860		
	Delta:	18°46'00.000" Left		
Degree of Curvature (Arc):		02°59'59.996"		
	Length:	625.556		
	Tangent:	315.605		
	Chord:	622.763		
	Middle Ordinate:	25.555		
	External:	25.901		
Back Tangent Direction:		N56°24'39.434"E		
Back Radial Direction:		S33°35'20.566"E		
Chord Direction:		N47°01'39.434"E		
Ahead Radial Direction:		S52°21'20.566"E		
Ahead Tangent Direction:		N37°38'39.434"E		
Element: Circular				
PCC	()	106+76.451 R1	296373.524	149206.853
HPI	()	107+43.135 R1	296426.326	149247.581
CC	()		297928.860	147190.433
PT	()	108+09.789 R1	296481.187	149285.489
	Radius:	2546.570		
	Delta:	03°00'00.000" Left		
Degree of Curvature (Arc):		02°14'59.711"		
	Length:	133.338		
	Tangent:	66.684		
	Chord:	133.323		
	Middle Ordinate:	0.873		
	External:	0.873		
Back Tangent Direction:		N37°38'39.434"E		
Back Radial Direction:		S52°21'20.566"E		
Chord Direction:		N36°08'39.434"E		
Ahead Radial Direction:		S55°21'20.566"E		
Ahead Tangent Direction:		N34°38'39.434"E		
Element: Linear				
PT	()	108+09.789 R1	296481.187	149285.489
POT	()	110+83.437 R1	296706.316	149441.053
Tangential Direction:		N34°38'39.434"E		
Tangential Length:		273.648		