

Horizontal Alignment Review Report

Report Created: Thursday, June 30, 2022
Time: 7:21:46 AM

Project: Design

Description:

File Name: c:\users\jpenix\appdata\local\bentley\projectwise\workingdir\ohiodot-pw.bentley.com_ohiodot-pw-02\jon.penix@dot.ohio.gov\d0512128\111085_BK001.dgn

Last Revised: 6/30/2022 07:21:35

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

Alignment Name: CL_EXRW_SR179

Alignment Description:

Alignment Style: Alignment\RW_X_Centerline

		<u>Station</u>	<u>Northing</u>	<u>Easting</u>
Element: Linear				
POT	()	201+00.00	360524.863	2069786.482
PC	()	203+92.66	360816.696	2069808.476
Tangential Direction:		N04°18'36.000"E		
Tangential Length:		292.660		
Element: Circular				
PC	()	203+92.66	360816.696	2069808.476
HPI	()	204+57.94	360881.792	2069813.382
CC	()		360773.636	2070379.814
PT	()	205+22.66	360944.115	2069832.805
Radius:		572.958		
Delta:		12°59'59.983" Right		
Degree of Curvature (Arc):		09°59'59.987"		
Length:		130.000		
Tangent:		65.280		
Chord:		129.721		
Middle Ordinate:		3.683		
External:		3.707		
Back Tangent Direction:		N04°18'36.000"E		
Back Radial Direction:		S85°41'24.000"E		
Chord Direction:		N10°48'35.992"E		
Ahead Radial Direction:		S72°41'24.017"E		
Ahead Tangent Direction:		N17°18'35.983"E		
Element: Linear				
PT	()	205+22.66	360944.115	2069832.805
PC	()	207+47.25	361158.533	2069899.630
Tangential Direction:		N17°18'35.983"E		

Tangential Length:		224.590		
Element: Circular				
PC	()	207+47.25	361158.533	2069899.630
HPI	()	207+97.38	361206.390	2069914.545
CC	()		360988.055	2070446.638
PT	()	208+47.25	361250.930	2069937.544
Radius:		572.958		
Delta:		09°59'59.987" Right		
Degree of Curvature (Arc):		09°59'59.987"		
Length:		100.000		
Tangent:		50.127		
Chord:		99.873		
Middle Ordinate:		2.180		
External:		2.189		
Back Tangent Direction:		N17°18'35.983"E		
Back Radial Direction:		S72°41'24.017"E		
Chord Direction:		N22°18'35.977"E		
Ahead Radial Direction:		S62°41'24.030"E		
Ahead Tangent Direction:		N27°18'35.970"E		
Element: Linear				
PT	()	208+47.25	361250.930	2069937.544
POT	()	209+32.46	361326.644	2069976.639
Tangential Direction:		N27°18'35.970"E		
Tangential Length:		85.212		