

Horizontal Alignment Review Report

Report Created: Tuesday, September 24, 2024

Time: 9:11:28 AM

Project: Design
Description:
File Name: c:\users\tniese\appdata\local\bentley\projectwise\workingdir\ohiodot-pw.bentley.com_ohiodot-pw-02\trevor.niese@dot.ohio.gov\ld0952397\107952_BK001.dgn
Last Revised: 9/24/2024 09:06:35

BASELINE OF SEN-224-00.00-10.64
SEN-224-00.00, PID 107952

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

Alignment Name: BLX_SEN-U224-00.00

Alignment Description:

Alignment Style: Alignment\GE_X_Alignment

		Station	Northing	Easting
Element: Linear				
POT	(POT)	1371+33.75 R1	284182.742	88791.569
REF1	HPI (HPI)	0+00.00 R2	284289.099	89350.232
Tangential Direction:		N79.221°E		
Tangential Length:		568.70		
Element: Linear				
REF1	HPI (HPI)	0+00.00 R2	284289.099	89350.232
	EQNBK	1377+02.45 R1	284289.099	89350.232
	EQNAHD	0+00.00 R2	284289.099	89350.232
	PC (PC)	39+58.37 R2	285029.896	93238.661
Tangential Direction:		N79.214°E		
Tangential Length:		3958.37		
Element: Circular				
	PC (PC)	39+58.37 R2	285029.896	93238.661
REF3	HPI (HPI)	41+56.29 R2	285066.937	93433.089
	CC (CC)		281277.663	93953.511
	PT (PT)	43+53.86 R2	285083.684	93630.303
Radius:		3819.72		
Delta:		5.932° Right		
Degree of Curvature (Arc):		1.500°		
Length:		395.49		
Tangent:		197.92		
Chord:		395.32		
Middle Ordinate:		5.12		
External:		5.12		

***THIS IS A BASELINE CREATED FOR RESURFACING PURPOSES, AND DOES NOT DIRETLY REFLECT THE CENTERLINE OF RIGHT OF WAY**

Back Tangent Direction: N79.214°E
 Back Radial Direction: S10.786°E
 Chord Direction: N82.180°E
 Ahead Radial Direction: S4.854°E
 Ahead Tangent Direction: N85.146°E

Element: Linear

PT	(PT)	43+53.86 R2	285083.684	93630.303
RECRE5A	HPI (HPI)	55+36.66 R2	285183.768	94808.864
(US-23	Tangential Direction:	N85.146°E		
REF22A)	Tangential Length:	1182.80		

Element: Linear

RECRE5A	HPI (HPI)	55+36.66 R2	285183.768	94808.864
REF6	HPI (HPI)	58+05.73 R2	285229.847	95073.960
	Tangential Direction:	N80.139°E		
	Tangential Length:	269.07		

Element: Linear

REF6	HPI (HPI)	58+05.73 R2	285229.847	95073.960
REF7	HPI (HPI)	74+46.68 R2	285547.432	96683.876
	Tangential Direction:	N78.841°E		
	Tangential Length:	1640.94		

Element: Linear

REF7	HPI (HPI)	74+46.68 R2	285547.432	96683.876
REF9	HPI (HPI)	82+40.27 R2	285693.473	97463.916
	Tangential Direction:	N79.396°E		
	Tangential Length:	793.59		

Element: Linear

REF9	HPI (HPI)	82+40.27 R2	285693.473	97463.916
REF10	HPI (HPI)	93+05.71 R2	285901.075	98508.934
	Tangential Direction:	N78.764°E		
	Tangential Length:	1065.44		

Element: Linear

REF10	HPI (HPI)	93+05.71 R2	285901.075	98508.934
REF11	HPI (HPI)	115+00.62 R2	286333.580	100660.816
	Tangential Direction:	N78.636°E		
	Tangential Length:	2194.92		

Element: Linear

REF11	HPI (HPI)	115+00.62 R2	286333.580	100660.816
REF12	HPI (HPI)	126+33.38 R2	286559.789	101770.752
	Tangential Direction:	N78.481°E		
	Tangential Length:	1132.75		

Element: Linear

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REF12	HPI	(HPI)	126+33.38 R2	286559.789	101770.752
REF13	HPI	(HPI)	145+23.87 R2	286955.703	103619.320
Tangential Direction:			N77.911°E		
Tangential Length:			1890.49		

Element: Linear

REF13	HPI	(HPI)	145+23.87 R2	286955.703	103619.320
REF14	HPI	(HPI)	163+75.95 R2	287305.892	105437.999
Tangential Direction:			N79.101°E		
Tangential Length:			1852.09		

Element: Linear

REF14	HPI	(HPI)	163+75.95 R2	287305.892	105437.999
REF15	HPI	(HPI)	176+97.27 R2	287547.837	106736.973
Tangential Direction:			N79.449°E		
Tangential Length:			1321.31		

Element: Linear

REF15	HPI	(HPI)	176+97.27 R2	287547.837	106736.973
REF16	HPI	(HPI)	193+16.02 R2	287885.538	108320.110
Tangential Direction:			N77.959°E		
Tangential Length:			1618.75		

Element: Linear

REF16	HPI	(HPI)	193+16.02 R2	287885.538	108320.110
REF18	HPI	(HPI)	217+04.13 R2	288351.355	110662.346
Tangential Direction:			N78.752°E		
Tangential Length:			2388.11		

Element: Linear

REF18	HPI	(HPI)	217+04.13 R2	288351.355	110662.346
REF19	HPI	(HPI)	230+60.09 R2	288623.306	111990.757
Tangential Direction:			N78.430°E		
Tangential Length:			1355.96		

Element: Linear

REF19	HPI	(HPI)	230+60.09 R2	288623.306	111990.757
REF21	HPI	(HPI)	265+26.41 R2	289298.649	115390.655
Tangential Direction:			N78.765°E		
Tangential Length:			3466.32		

Element: Linear

REF21	HPI	(HPI)	265+26.41 R2	289298.649	115390.655
REF22	HPI	(HPI)	282+35.58 R2	289627.555	117067.874
Tangential Direction:			N78.905°E		
Tangential Length:			1709.16		

Element: Linear

REF22	HPI	(HPI)	282+35.58 R2	289627.555	117067.874
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REF23	HPI	(HPI)	289+27.47 R2	289758.561	117747.249
	Tangential Direction:		N79.085°E		
	Tangential Length:		691.89		
Element: Linear					
REF23	HPI	(HPI)	289+27.47 R2	289758.561	117747.249
REF24	HPI	(HPI)	297+13.24 R2	289907.930	118518.693
	Tangential Direction:		N79.042°E		
	Tangential Length:		785.77		
Element: Linear					
REF24	HPI	(HPI)	297+13.24 R2	289907.930	118518.693
REF25	HPI	(HPI)	316+04.86 R2	290270.752	120375.189
	Tangential Direction:		N78.942°E		
	Tangential Length:		1891.62		
Element: Linear					
REF25	HPI	(HPI)	316+04.86 R2	290270.752	120375.189
REF26	HPI	(HPI)	326+17.98 R2	290454.728	121371.463
	Tangential Direction:		N79.537°E		
	Tangential Length:		1013.12		
Element: Linear					
REF26	HPI	(HPI)	326+17.98 R2	290454.728	121371.463
REF28	HPI	(HPI)	393+32.57 R2	291690.831	127971.297
	Tangential Direction:		N79.392°E		
	Tangential Length:		6714.59		
Element: Linear					
REF28	HPI	(HPI)	393+32.57 R2	291690.831	127971.297
REF29	HPI	(HPI)	411+01.05 R2	292033.057	129706.344
	Tangential Direction:		N78.842°E		
	Tangential Length:		1768.48		
Element: Linear					
REF29	HPI	(HPI)	411+01.05 R2	292033.057	129706.344
REF31	HPI	(HPI)	447+16.88 R2	292720.476	133256.230
	Tangential Direction:		N79.041°E		
	Tangential Length:		3615.83		
Element: Linear					
REF31	HPI	(HPI)	447+16.88 R2	292720.476	133256.230
REF32	HPI	(HPI)	466+22.60 R2	293071.646	135129.323
	Tangential Direction:		N79.381°E		
	Tangential Length:		1905.73		
Element: Linear					
REF32	HPI	(HPI)	466+22.60 R2	293071.646	135129.323

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REF33	HPI	(HPI)	487+84.25 R2	293469.390	137254.060
	Tangential Direction:		N79.397°E		
	Tangential Length:		2161.64		
Element: Linear					
REF33	HPI	(HPI)	487+84.25 R2	293469.390	137254.060
REF34	HPI	(HPI)	504+75.49 R2	293799.453	138912.783
	Tangential Direction:		N78.746°E		
	Tangential Length:		1691.24		
Element: Linear					
REF34	HPI	(HPI)	504+75.49 R2	293799.453	138912.783
REF35	HPI	(HPI)	528+23.68 R2	294231.944	141220.796
	Tangential Direction:		N79.387°E		
	Tangential Length:		2348.19		
Element: Linear					
REF35	HPI	(HPI)	528+23.68 R2	294231.944	141220.796
REF36	HPI	(HPI)	541+31.95 R2	294485.718	142504.219
	Tangential Direction:		N78.815°E		
	Tangential Length:		1308.27		
Element: Linear					
REF36	HPI	(HPI)	541+31.95 R2	294485.718	142504.219
REF36A	HPI	(HPI)	550+71.62 R2	294671.519	143425.338
	Tangential Direction:		N78.596°E		
	Tangential Length:		939.67		
Element: Linear					
REF36A	HPI	(HPI)	550+71.62 R2	294671.519	143425.338
REF37	POT	(POT)	561+79.12 R2	294888.949	144511.280
(REF42B	Tangential Direction:		N78.678°E		
SR-18)	Tangential Length:		1107.50		

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