

Horizontal Alignment Review Report

Report Created: Tuesday, December 21, 2021
Time: 3:41:22 PM

Project: Design

Description:

File Name: c:\bnpw\jrognon\dms41254\112327_BK001.dgn

Last Revised: 12/21/2021 15:40:22

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

Alignment Name: CLX_SR93

Alignment Description:

Alignment Style: Alignment\GE_X_Alignment

		<u>Station</u>	<u>Northing</u>	<u>Easting</u>
Element: Linear				
POT	()	81913.920 R1	378571.716	1932167.670
PC	()	83027.279 R1	379649.715	1931889.305
Tangential Direction:		N14.479°W		
Tangential Length:		1113.359		
Element: Circular				
PC	()	83027.279 R1	379649.715	1931889.305
HPI	()	83205.642 R1	379820.523	1931837.944
CC	()		378406.715	1927755.527
PT	()	83383.802 R1	379986.511	1931772.667
Radius:		4316.615		
Delta:		4.732° Left		
Degree of Curvature (Arc):		1.327°		
Length:		356.522		
Tangent:		178.363		
Chord:		356.421		
Middle Ordinate:		3.680		
External:		3.683		
Back Tangent Direction:		N16.736°W		
Back Radial Direction:		N73.264°E		
Chord Direction:		N19.102°W		
Ahead Radial Direction:		N68.532°E		
Ahead Tangent Direction:		N21.468°W		
Element: Linear				
PT (Scratch8)		83383.802 R1	379986.511	1931772.667
HPI (Scratch2)		83705.487 R1	380287.611	1931659.441
Tangential Direction:		N20.608°W		
Tangential Length:		321.686		

Element: Linear

HPI	()	83705.487 R1	380287.611	1931659.441
HPI (Scratch3)		83873.408 R1	380443.331	1931596.601
Tangential Direction:		N21.976°W		
Tangential Length:		167.921		
Element: Linear				
HPI	()	83873.408 R1	380443.331	1931596.601
PC	()	85311.399 R1	381754.817	1931006.836
Tangential Direction:		N24.213°W		
Tangential Length:		1437.991		
Element: Circular				
PC	()	85311.399 R1	381754.817	1931006.836
HPI	()	85395.893 R1	381831.878	1930972.183
CC	()		381570.258	1930596.424
PT	()	85478.442 R1	381891.120	1930911.936
Radius:		450.000		
Delta:		21.269° Left		
Degree of Curvature (Arc):		12.732°		
Length:		167.043		
Tangent:		84.494		
Chord:		166.085		
Middle Ordinate:		7.729		
External:		7.864		
Back Tangent Direction:		N24.213°W		
Back Radial Direction:		N65.787°E		
Chord Direction:		N34.847°W		
Ahead Radial Direction:		N44.518°E		
Ahead Tangent Direction:		N45.482°W		
Element: Linear				
PT	()	85478.442 R1	381891.120	1930911.936
HPI	()	86220.107 R1	382411.129	1930383.111
Tangential Direction:		N45.482°W		
Tangential Length:		741.664		
Element: Linear				
HPI	()	86220.107 R1	382411.129	1930383.111
HPI	()	86872.712 R1	382868.695	1929917.786
Tangential Direction:		N45.482°W		
Tangential Length:		652.605		
Element: Linear				
HPI	()	86872.712 R1	382868.695	1929917.786
HPI	()	88625.005 R1	384094.107	1928665.229
Tangential Direction:		N45.628°W		
Tangential Length:		1752.294		
Element: Linear				

HPI	()	88625.005 R1	384094.107	1928665.229
PC	()	89311.307 R1	384586.163	1929143.654
Tangential Direction:		N44.195°E		
Tangential Length:		686.301		
Element: Circular				
PC	()	89311.307 R1	384586.163	1929143.654
HPI	()	89495.083 R1	384717.925	1929271.765
CC	()		384844.092	1928878.375
PT	()	89652.445 R1	384899.620	1929244.185
Radius:		370.000		
Delta:		52.826° Left		
Degree of Curvature (Arc):		15.485°		
Length:		341.139		
Tangent:		183.776		
Chord:		329.183		
Middle Ordinate:		38.625		
External:		43.127		
Back Tangent Direction:		N44.195°E		
Back Radial Direction:		S45.805°E		
Chord Direction:		N17.782°E		
Ahead Radial Direction:		N81.369°E		
Ahead Tangent Direction:		N8.631°W		
Element: Linear				
PT	()	89652.445 R1	384899.620	1929244.185
HPI	()	90580.154 R1	385816.823	1929104.959
Tangential Direction:		N8.631°W		
Tangential Length:		927.709		
Element: Linear				
HPI	()	90580.154 R1	385816.823	1929104.959
POT	()	90740.091 R1	385957.889	1929180.324
Tangential Direction:		N28.113°E		
Tangential Length:		159.936		