

* BENTLEY HORIZONTAL ALIGNMENT REVIEW
 *
 * Alignment name: Alternative3
 * Alignment description: Alternative3
 * Alignment style: Default
 * Input Factor: 1.00000000
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	STATION	NORTHING	EASTING
Element: Linear			
POB(1)	47+29.11	558983.3424	1402771.0256
PC(2)	47+74.18	558962.7353	1402811.1075
Tangential Direction:	S 62°47'28.21" E		
Tangential Length:	45.07		
Element: Circular			
PC(2)	47+74.18	558962.7353	1402811.1075
PI()	49+33.92	558889.6961	1402953.1725
CC(5)		557539.7818	1402079.5315
PT(6)	50+92.60	558790.0116	1403077.9931
Radius:	1600.00		
Delta:	11°24'10.15" Right		
Degree of Curvature(Arc):	3°34'51.55"		
Length:	318.43		
Tangent:	159.74		
Chord:	317.90		
Middle Ordinate:	7.91		
External:	7.95		
Tangent Direction:	S 62°47'28.21" E		
Radial Direction:	S 27°12'31.79" W		
Chord Direction:	S 57°05'23.13" E		
Radial Direction:	S 38°36'41.94" W		
Tangent Direction:	S 51°23'18.06" E		
Element: Linear			
PT(6)	50+92.60	558790.0116	1403077.9931
PC(3)	52+71.49	558678.3791	1403217.7744
Tangential Direction:	S 51°23'18.06" E		
Tangential Length:	178.89		
Element: Circular			
PC(3)	52+71.49	558678.3791	1403217.7744
PI()	54+12.65	558590.2870	1403328.0794
CC(7)		559010.4714	1403482.9908
PT(8)	55+44.07	558585.6962	1403469.1693
Radius:	425.00		
Delta:	36°44'52.80" Left		
Degree of Curvature(Arc):	13°28'52.90"		
Length:	272.58		
Tangent:	141.16		
Chord:	267.94		
Middle Ordinate:	21.67		
External:	22.83		
Tangent Direction:	S 51°23'18.06" E		
Radial Direction:	S 38°36'41.94" W		
Chord Direction:	S 69°45'44.46" E		
Radial Direction:	S 1°51'49.14" W		
Tangent Direction:	S 88°08'10.86" E		
Element: Linear			
PT(8)	55+44.07	558585.6962	1403469.1693
POE(4)	55+82.45	558584.4481	1403507.5270
Tangential Direction:	S 88°08'10.86" E		
Tangential Length:	38.38		