

Describe Alignment Report

Wisconsin DOT Report

Created by

dottzb

Created on

11/26/2019

Alignment: NE Ramp PL

Description:

Layer: P_ALI_NE Ramp PL

Arc

PC N	319336.934 E	818395.854	Station	10+00
CC N	319327.773 E	818196.064		
PI N	319403.744 E	818392.791	Station	10+66.88
TAN	66.880'			
DB	N 2° 37' 31.28 W'''			
DA	N 39° 36' 18.08 W'''			
LChord Distance	126.855'	Bearing	N 21° 6' 54.68 W''	
External Distance	10.886'			
Middle Ordinate	10.324'			
Radius	200.000'			
DEG	28° 38' 52.4'''			
DELTA	36° 58' 46.8'''			
LENGTH	129.083'			
PT N	319455.271 E	818350.156	Station	11+29.08

Arc

PC N	319455.271 E	818350.156	Station	11+29.08
CC N	319088.714 E	817907.143		
PI N	319533.103 E	818285.756	Station	12+30.1
TAN	101.021'			
DB	N 39° 36' 18.08 W'''			
DA	N 59° 32' 2.36 W'''			
LChord Distance	198.993'	Bearing	N 49° 34' 10.22 W''	
External Distance	8.807'			
Middle Ordinate	8.674'			
Radius	575.000'			
DEG	9° 57' 52.14'''			
DELTA	19° 55' 44.28'''			
LENGTH	200.000'			
PT N	319584.324 E	818198.683	Station	13+29.08

Tangent

N	319584.324 E	818198.683	Station	13+29.08
Distance	390.000'	Bearing	N 59° 32' 2.36 W''	

Arc

PC N	319782.064 E	817862.531	Station	17+19.08
CC N	320282.622 E	818156.982		
PI N	319809.793 E	817815.393	Station	17+73.77
TAN	54.689'			
DB	N 59° 32' 2.36 W'''			
DA	N 48° 46' 28.44 W'''			
LChord Distance	108.896'	Bearing	N 54° 9' 15.4 W''	
External Distance	2.569'			
Middle Ordinate	2.558'			
Radius	580.740'			
DEG	9° 51' 57.56'''			
DELTA	10° 45' 33.93'''			
LENGTH	109.056'			
PT N	319845.834 E	817774.26	Station	18+28.14

Arc

	PC N	319845.834 E	817774.26	Station	18+28.14
	CC N	322102.201 E	819751.33		
	PI N	319909.921 E	817701.12	Station	19+25.38
	TAN	97.245'			
	DB	N 48° 46' 28.44 W'''			
	DA	N 45° 3' 40.99 W'''			
	LChord Distance	194.388'	Bearing	N 46° 55' 4.71 W"	
	External Distance	1.576'			
	Middle Ordinate	1.575'			
	Radius	3000.000'			
	DEG	1° 54' 35.49'''			
	DELTA	3° 42' 47.45'''			
	LENGTH	194.422'			
	PT N	319978.609 E	817632.284	Station	20+22.56
Arc					
	PC N	319978.609 E	817632.284	Station	20+22.56
	CC N	321450.633 E	819101.157		
	PI N	320031.343 E	817579.438	Station	20+97.22
	TAN	74.656'			
	DB	N 45° 3' 40.99 W'''			
	DA	N 40° 56' 57.31 W'''			
	LChord Distance	149.216'	Bearing	N 43° 0' 19.15 W"	
	External Distance	1.340'			
	Middle Ordinate	1.339'			
	Radius	2079.529'			
	DEG	2° 45' 18.82'''			
	DELTA	4° 6' 43.68'''			
	LENGTH	149.248'			
	PT N	320087.73 E	817530.509	Station	21+71.81
Tangent	N	320087.73 E	817530.509	Station	21+71.81
	Distance	654.282'	Bearing	N 40° 56' 57.31 W"	
End	N	320581.902 E	817101.699	Station	28+26.09

Alignment Length = 1826.09'