

Describe Alignment Report

Wisconsin DOT Report

Created by

dottzb

Created on

11/26/2019

Alignment: WB US12 Ramp_Alignment

Description:

Layer: P_ALI_WB US12 Ramp_Alignment - (1)

Tangent	N	301830.455	E	824245.399	Station	93+61.09
	Distance	174.079'	Bearing	N 47° 5' 15.02 W"		
Arc	PC N	301948.982	E	824117.904	Station	95+35.17
	CC N	302095.461	E	824254.08		
	PI N	301949.862	E	824116.958	Station	95+36.46
	TAN	1.292'				
	DB	N 47° 5' 15.02 W"				
	DA	N 46° 20' 50.6 W"				
	LChord Distance	2.583'	Bearing	N 46° 43' 2.81 W"		
	External Distance	.004'				
	Middle Ordinate	.004'				
	Radius	200.000'				
	DEG	28° 38' 52.4"				
	DELTA	0° 44' 24.41"				
	LENGTH	2.583'				
	PT N	301950.753	E	824116.024	Station	95+37.75
Tangent	N	301950.753	E	824116.024	Station	95+37.75
	Distance	147.084'	Bearing	N 46° 20' 50.6 W"		
Arc	PC N	302052.283	E	824009.603	Station	96+84.83
	CC N	302558.76	E	824492.801		
	PI N	302179.408	E	823876.353	Station	98+69
	TAN	184.164'				
	DB	N 46° 20' 50.6 W"				
	DA	N 16° 52' 2.86 W"				
	LChord Distance	356.206'	Bearing	N 31° 36' 26.73 W"		
	External Distance	23.821'				
	Middle Ordinate	23.037'				
	Radius	700.000'				
	DEG	8° 11' 6.4"				
	DELTA	29° 28' 47.74"				
	LENGTH	360.165'				
	PT N	302355.649	E	823822.916	Station	100+45
Tangent	N	302355.649	E	823822.916	Station	100+45
	Distance	148.490'	Bearing	N 16° 52' 2.86 W"		
Arc	PC N	302497.751	E	823779.831	Station	101+93.49
	CC N	303310.195	E	826459.371		
	PI N	302868.946	E	823667.283	Station	105+81.37
	TAN	387.882'				
	DB	N 16° 52' 2.86 W"				
	DA	N 1° 5' 36.82 W"				
	LChord Distance	768.426'	Bearing	N 8° 58' 49.84 W"		
	External Distance	26.739'				
	Middle Ordinate	26.486'				
	Radius	2800.000'				
	DEG	2° 2' 46.6"				
	DELTA	15° 46' 26.04"				
	LENGTH	770.858'				
	PT N	303256.757	E	823659.881	Station	109+64.35
Tangent	N	303256.757	E	823659.881	Station	109+64.35
	Distance	683.771'	Bearing	N 1° 5' 36.82 W"		

Arc	PC N	303940.404 E	823646.831	Station	116+48.12
	CC N	303944.221 E	823846.794		
	PI N	303943.483 E	823646.772	Station	116+51.2
	TAN	3.080'			
	DB	N 1° 5' 36.82 W'''			
	DA	N 0° 40' 15.76 E'''			
	LChord Distance	6.159'	Bearing	N 0° 12' 40.53 W''	
	External Distance	.024'			
	Middle Ordinate	.024'			
	Radius	200.000'			
	DEG	28° 38' 52.4'''			
	DELTA	1° 45' 52.58'''			
	LENGTH	6.160'			
	PT N	303946.563 E	823646.808	Station	116+54.28
	N	303946.563 E	823646.808	Station	116+54.28
Tangent	Distance	45.720'	Bearing	N 0° 40' 15.76 E''	
End	N	303992.281 E	823647.344	Station	117+00

Alignment Length = 2338.91'