

Describe Alignment Report

Wisconsin DOT Report

Created by

dottzb

Created on

11/26/2019

Alignment: EB H_Alignment - (1)

Description: lane edge alignment for EB CTH H

Layer: P_ALI_EB H_Alignment - (1)

Arc

PC N	301973.263 E	823925.802	Station	19+51.2
CC N	300724.76 E	823218.366		
PI N	301839.794 E	824161.351	Station	22+21.93
TAN	270.735'			
DB	S 60° 27' 46.53 E'''			
DA	S 39° 5' 40.7 E'''			
LChord Distance	532.083'	Bearing	S 49° 46' 43.61 E"	
External Distance	25.316'			
Middle Ordinate	24.877'			
Radius	1435.000'			
DEG	3° 59' 33.85'''			
DELTA	21° 22' 5.83'''			
LENGTH	535.179'			
PT N	301629.675 E	824332.077	Station	24+86.38

Tangent

N	301629.675 E	824332.077	Station	24+86.38
Distance	301.292'	Bearing	S 39° 5' 40.7 E"	

Arc

PC N	301395.841 E	824522.073	Station	27+87.67
CC N	302840.553 E	826300.13		
PI N	301296.751 E	824602.585	Station	29+15.35
TAN	127.676'			
DB	S 39° 5' 40.7 E'''			
DA	S 45° 28' 26.89 E'''			
LChord Distance	254.956'	Bearing	S 42° 17' 3.79 E"	
External Distance	3.555'			
Middle Ordinate	3.549'			
Radius	2291.000'			
DEG	2° 30' 3.27'''			
DELTA	6° 22' 46.2'''			
LENGTH	255.087'			
PT N	301207.221 E	824693.61	Station	30+42.76

Tangent

N	301207.221 E	824693.61	Station	30+42.76
Distance	244.055'	Bearing	S 45° 28' 26.89 E"	

Arc

PC N	301036.082 E	824867.605	Station	32+86.81
CC N	299402.751 E	823261.084		
PI N	300949.46 E	824955.673	Station	34+10.34
TAN	123.529'			
DB	S 45° 28' 26.89 E'''			
DA	S 39° 18' 5.07 E'''			
LChord Distance	246.700'	Bearing	S 42° 23' 15.98 E"	
External Distance	3.328'			
Middle Ordinate	3.323'			
Radius	2291.000'			
DEG	2° 30' 3.27'''			
DELTA	6° 10' 21.82'''			
LENGTH	246.820'			
PT N	300853.87 E	825033.916	Station	35+33.63

Tangent

N	300853.87 E	825033.916	Station	35+33.63
Distance	93.726'	Bearing	S 39° 18' 5.07 E"	

End

N	300781.342 E	825093.283	Station	36+27.36
---	--------------	------------	---------	----------

Alignment Length = 1676.16'