Describe Alignment Report Wisconsin DOT Report Created by Created on

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Alignment: Ali-USH12-South Crossover EB

Description: Alignment for south crossover traffic under project ID 1080-18/19-00.

CL For EB traffic crossing from bi-directional traffic on USH 12 EB back onto USH 12 EB side. Layer: P_ALI_AliProf-South Crossover EB 2

Arc PC N	Tangent	N		304958.733 E		823643.276		00+00
PC N 304908.754 823641.925 5tation 00+50 CC N 304604.998 823634.025 5tation 00+50 TAN 304640.985 823634.025 5tation 03+17.88 TAN 304640.985 823634.025 5tation 03+17.88 TAN 304640.985 823634.035 5tation 03+17.88 TAN 304640.985 823634.035 5tation 03+17.88 TAN 304640.985 823634.035 824*56*17.29 W* DA 5**12*50.98 W** CLohord Distance 7.6600* 7.6600* Fateranal Distance 7.6600* 7.6600* Radius 4680.000* 823595.782 5tation 05+85.18 TAN 304375.851 823595.782 5tation 05+85.18 TAN 304375.851 823595.782 5tation 05+85.18 TAN 3043181.011 \$\frac{1}{2}\$\$\$ 823595.782 \$\frac{1}{2}\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$		Distance	50.000'	Bearing	S 1° 39' 43.61 W"			
PC N 304908.754 823641.925 5tation 00+50 CC N 304604.998 823634.025 5tation 00+50 TAN 304640.985 823634.025 5tation 03+17.88 TAN 304640.985 823634.025 5tation 03+17.88 TAN 304640.985 823634.035 5tation 03+17.88 TAN 304640.985 823634.035 5tation 03+17.88 TAN 304640.985 823634.035 824*56*17.29 W* DA 5**12*50.98 W** CLohord Distance 7.6600* 7.6600* Fateranal Distance 7.6600* 7.6600* Radius 4680.000* 823595.782 5tation 05+85.18 TAN 304375.851 823595.782 5tation 05+85.18 TAN 304375.851 823595.782 5tation 05+85.18 TAN 3043181.011 \$\frac{1}{2}\$\$\$ 823595.782 \$\frac{1}{2}\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	Arc							
CC N 305404.499 818963.794 5410 03+17.88 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794 18963.794		PC N	304908.75	4 E	823641.825		Station	00+50
Arc Arc TAN 267,882"		CC N						
DB S 1° 3° 43.61 W° DA S 8° 12° 50.98 W° DA S 8° 1		PIN	304640.985 E		823634.055		Station	03+17.88
DA S \$12' 50.98 W" Bearing			TAN	267.882'				
LChord Distance LChord Distance Sak 889 Rearing Sak 56° 17.29 w" Factorial Distance Niddle Ordinate Niddle			DB	S 1° 39' 43.61 W'"				
External Distance F.660°			DA	S 8° 12' 50.98 W'"				
Middle Ordinate Radius A680.000'			LChord Distance	534.889'	Bearing	S 4° 56' 17.29 W"		
Arc Arc PT N 304375.851 E 823595.782 Station 05+85.18 CC N 303707.202 E 828227.77 PI N 304181.011 E 823567.656 Station 07+82.04 TAN 196.859' DB 58*12*50.98 W" DB 58*12*50.98 W" LChord Distance 393.371' External Distance 41.35' Radius 4680.000' DEG 1*13*27.37" External Distance 41.35' Radius 4680.000' DEG 1*13*27.37" External Distance 41.35' Radius 4680.000' DEG 1*13*27.37" DELTA 4*9*2.4** PT N 303984.498 E 823555.992 Station 09+78.67 Tangent Salva Sal			External Distance	7.660'				
DEG 1° 13′ 77.37" DELTA 6° 33′ 7.37" DELTA 6° 33′ 7.37" DELTA 6° 33′ 7.37" DELTA 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80' 535 1.80'			Middle Ordinate	7.648'				
DELTA 1803 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807 1807			Radius	4680.000'				
LENGTH S35.180' S23595.782 Station 05+85.180' S7480'			DEG	1° 13' 27.37'"				
Arc PC N 304375.851 E 823595.782 Station 05+85.18 PC N 304375.851 E 823595.782 Station 05+85.18 PC N 3043707.202 E 828227.77 PI N 304181.011 E 823567.656 Station 07+82.04 TANN 196.859' DB S 8" 12" 50.98 W" DA 33.21" Bearing \$5" 48" 19.78 W" External Distance 4.139' Middle Ordinate 4.139' Middle Ordinate 4.135' Radius 4680.000' DEG 1" 13" 27.37" DELTA 4" 49" 2.4" LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67			DELTA	6° 33' 7.37'"				
Arc PC N 30475.851 E 823595.782 Station 05+85.18 CC N 303707.202 E 828227.77 PI N 304181.011 E 823567.656 Station 07+82.04 TAN 196.859' DB S 8" 12" 50.98 W" DA S 3" 23" 48.58 W" LChord Distance 393.371' Bearing \$ 55" 48" 19.78 W" External Distance 4.139' Middle Ordinate 4.139' Radius 4680.000' DEG 1" 13" 27.37" DEGA 1" 13" 27.37" ELROFH 393.487' PT N 303984.49E E 823555.992 Station 09+78.67 Tangent N 303984.49E E 823555.992 Station 09+78.67			LENGTH	535.180'				
PC N 304375.851 E 823595.782 Station 05+85.18 CC N 303707.202 E 828227.77 PI N 304181.011 E 823567.655 Station 07+82.04 PI N 196.859' DB 58*12'50.98 W" DA 53*23'48.58 W" LChord Distance 393.371' Bearing 55*48'19.78 W" External Distance 4.135' Radius 4680.000' DEG 1*13'27.37" DELTA 4*49'2.4" LENGTH 393.487' PT N 303984.498 E 823555.992 Station 07+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67		PT N	304375.85	1 E	823595.782		Station	05+85.18
PC N 304375.851 E 823595.782 Station 05+85.18 CC N 303707.202 E 828227.77 PI N 304181.011 E 823567.655 Station 07+82.04 PI N 196.859' DB 58° 12'50.98 W" DA 53° 23'48.58 W" LChord Distance 41.39' External Distance 41.39' Radius 4680.000' DEG 1' 13' 27.37"" DELTA 4' 9' 2.4"" LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+78.67 PT N S N 303984.498 E 823555.992 Station 09+								
CC N 303707.202 828227.77 828227.77 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04 97482.04	Arc	DC N	204275 054 5		022505 702		Challer	05.05.40
PI N 304181.011 E 823567.656 Station 07+82.04 TAN 196.859' DB S 8° 12′ 50.98 W'' DA S 3° 23′ 48.58 W''' LChord Distance 393.371' Bearing S 5° 48′ 19.78 W'' External Distance 4.139' Middle Ordinate 4.135' Radius 4680.000' DEI TA 4° 49′ 2.4"' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Distance S 3° 23′ 48.58 W'' Carrell Distance S 3° 23′ 48.58 W'' DEI TA 4° 49′ 2.4"' DEI TA 803984.498 E 823555.992 Station 09+78.67 Distance S 0.000' Bearing S 3° 23′ 48.58 W''							Station	05+85.18
TAN 196.859' DB \$8*12' 50.98 W''' DA \$3*23' 48.58 W''' LChord Distance 393.371' Bearing \$5*0.48' 19.78 W'' External Distance 4.135' Radius 4680.000' DEG 1*13' 27.37''' DELTA 4*49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$3*23' 48.58 W'' No 403984.498 E 823555.992 Station 09+78.67							Ctation	07.02.04
DB S 8° 12′ 50.98 W" DA S 3° 23′ 48.58 W" LChord Distance 393.371′ Bearing S 5° 48′ 19.78 W" External Distance 4.139′ Middle Ordinate 4.135′ Radius 4680.000′ DEG 1° 13′ 27.37"' DELTA 4° 49′ 2.4"' LENGTH 393.487′ PT N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000′ Bearing S 3° 23′ 48.58 W"		PIN			823307.030		Station	07+82.04
DA S 3° 23' 48.58 W" LChord Distance 393.371' Bearing S 5° 48' 19.78 W" External Distance 4.139' Middle Ordinate 4.135' Radius 4680.000' DEG 1° 13' 27.37''' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing S 3° 23' 48.58 W''								
LChord Distance S 393.371 Bearing S 5° 48' 19.78 W" External Distance 4.139' Middle Ordinate 4.135' Radius 4680.000' DEG 1° 13' 27.37'' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing S 3° 23' 48.58 W'' S 3° 23'								
External Distance 4.139' Middle Ordinate 4.135' Radius 4680.000' DEG 1° 13' 27.37'' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ \$3° 23' 48.58 W''					Pooring	C E° 40' 10 70 \\\"		
Middle Ordinate 4.135' Radius 4680.000' DEG 1° 13' 27.37''' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ \$3° 23' 48.58 W''					Dearing	3 3 40 13.70 W		
Radius 4680.000' DEG 1° 13' 27.37''' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ \$3° 23' 48.58 W''								
DEG 1° 13' 27.37''' DELTA 4° 49' 2.4''' LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ 3 ° 23' 48.58 W"								
DELTA 4° 49' 2.4'" LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ \$ 3° 23' 48.58 W"								
LENGTH 393.487' PT N 303984.498 E 823555.992 Station 09+78.67 Tangent N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing S 3° 23' 48.58 W"								
PT N 303984.498 E 823555.992 Station 09+78.67 N 303984.498 E 823555.992 Station 09+78.67 Distance 50.000' Bearing \$ 3 ° 23 ' 48.58 W"								
Distance 50.000' Bearing S 3° 23' 48.58 W"		PT N			823555.992		Station	09+78.67
Distance 50.000' Bearing S 3° 23' 48.58 W"								
	Tangent						Station	09+78.67
End N 303934.585 E 823553.029 Station 10+28.67		Distance	50.000'	Bearing	S 3° 23' 48.58 W"			
	End	N	303934.585 E		823553.029		Station	10+28.67

Alignment Length = 1028.67'