

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County  
 Cogo List  
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Project Name: SWO4488\_1  
 Description:  
 Horizontal Alignment Name: C014  
 Description: Centerline Const.  
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POB ( 506)	571+51.57	1844132.9978	475014.9365
PC ( 10681)	584+27.96	1845409.3622	475006.5614
Tangent Direction:	S 89°37'26.56" E		
Tangent Length:	1276.39		
Element: Circular			
PC ( 10681)	584+27.96	1845409.3622	475006.5614
PI ( )	587+28.11	1845709.5073	475004.5919
CC ( 10682)	1845446.9574	480736.0160	
PT ( 10683)	590+27.71	1846008.2152	475033.9941
Radius:	5729.58		
Delta:	5°59'51.17" Left		
Degree of Curvature(Arc):	1°00'00.00"		
Length:	599.75		
Tangent:	300.15		
Chord:	599.48		
Middle Ordinate:	7.85		
External:	7.86		
Tangent Direction:	S 89°37'26.56" E		
Radial Direction:	S 0°22'33.44" W		
Chord Direction:	N 87°22'37.85" E		
Radial Direction:	S 5°37'17.73" E		
Tangent Direction:	N 84°22'42.27" E		
Element: Linear			
PT ( 10683)	590+27.71	1846008.2152	475033.9941
PC ( 10691)	594+00.63	1846379.3342	475070.5239
Tangent Direction:	N 84°22'42.27" E		
Tangent Length:	372.91		
Element: Circular			
PC ( 10691)	594+00.63	1846379.3342	475070.5239
PI ( )	597+89.90	1846766.7363	475108.6564
CC ( 10692)	1846940.5920	469368.5020	
PT ( 10693)	601+77.98	1847155.7360	475094.0392
Radius:	5729.58		
Delta:	7°46'24.74" Right		
Degree of Curvature(Arc):	1°00'00.00"		

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Horizontal Alignment Name: C014 (Cont.)

Length:	777.35		
Tangent:	389.27		
Chord:	776.76		
Middle Ordinate:	13.18		
External:	13.21		
Tangent Direction:	N 84°22'42.27" E		
Radial Direction:	S 5°37'17.73" E		
Chord Direction:	N 88°15'54.64" E		
Radial Direction:	S 2°09'07.01" W		
Tangent Direction:	S 87°50'52.99" E		
Element: Linear			
PT ( 10693)	601+77.98 1847155.7360 475094.0392		
PI ( 5016)	626+82.38 1849638.3655 474999.9999		
Tangent Direction:	S 87°50'52.99" E		
Tangent Length:	2504.40		
Element: Linear			
PI ( 5016)	626+82.38 1849638.3655 474999.9999		
POE ( 5017)	641+49.25 1851125.2267 475007.1161		
Tangent Direction:	N 89°43'19.35" E		
Tangent Length:	1466.88		
Project Name: SWO4488_1			
Description:			
Horizontal Alignment Name: C024			
Description: Off Ramp			
Style: Centerline			
	STATION	EASTING	NORTHING
Element: Linear			
POB ( 393)	392+88.25	1849743.6594	475035.1233
PC ( 11281)	401+82.65	1850637.7785	475057.6022
Tangent Direction:	N 88°33'35.43" E		
Tangent Length:	894.40		
Element: Circular			
PC ( 11281)	401+82.65	1850637.7785	475057.6022
PI ( )	404+40.92	1850895.9653	475064.0932
CC ( 11282)	1850618.5795	475821.2607	
PT ( 11283)	406+80.76	1851097.2433	475225.9256
Radius:	763.90		
Delta:	37°21'55.87" Left		
Degree of Curvature(Arc):	7°30'01.55"		

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Horizontal Alignment Name: C024 (Cont.)

Length:	498.10
Tangent:	258.27
Chord:	489.33
Middle Ordinate:	40.24
External:	42.48
Tangent Direction:	N 88°33'35.43" E
Radial Direction:	S 1°26'24.57" E
Chord Direction:	N 69°52'47.50" E
Radial Direction:	S 38°48'00.44" E
Tangent Direction:	N 51°11'59.56" E
Element: Linear	
PT ( 11283)	406+80.76 1851097.2433 475225.9256
PC ( 11291)	412+36.88 1851530.6528 475574.3973
Tangent Direction:	N 51°11'59.56" E
Tangent Length:	556.13
Element: Circular	
PC ( 11291)	412+36.88 1851530.6528 475574.3973
PI ( )	416+19.00 1851828.4530 475813.8358
CC ( 11292)	1851010.7897 476220.9738
PRC ( 11293)	419+53.06 1851840.0569 476195.7796
Radius:	829.65
Delta:	49°27'34.90" Left
Degree of Curvature(Arc):	6°54'21.67"
Length:	716.18
Tangent:	382.12
Chord:	694.15
Middle Ordinate:	76.09
External:	83.77
Tangent Direction:	N 51°11'59.56" E
Radial Direction:	S 38°48'00.44" E
Chord Direction:	N 26°28'12.11" E
Radial Direction:	S 88°15'35.34" E
Tangent Direction:	N 1°44'24.66" E
Element: Circular	
PRC ( 11293)	419+53.06 1851840.0569 476195.7796
PI ( )	421+81.12 1851846.9825 476423.7345
CC ( 11302)	1854746.3682 476107.4822
PT ( 11303)	424+08.25 1851889.3638 476647.8220
Radius:	2907.65
Delta:	8°58'10.42" Right