

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

Project Name: swo4432(1)
 Description:
 Horizontal Alignment Name: A001
 Description: Existing Alignment SH33 SW02788(1)
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POT (300)	1484+98.87	2130888.2743	320746.0277
BOP (8007)	1493+08.73	2131697.7493	320770.8805
Tangent Direction:	N 88°14'29.15" E		
Tangent Length:	809.86		
Element: Linear			
PI (8007)	1493+08.73	2131697.7493	320770.8805
PC (301)	1496+61.68	2132050.5359	320781.7120
Tangent Direction:	N 88°14'29.15" E		
Tangent Length:	352.95		
Element: Circular			
PC (301)	1496+61.68	2132050.5359	320781.7120
PI ()	1498+14.11	2132202.8941	320786.3897
CC (304)	2131874.6462	326510.5575	
PRC (303)	1499+66.47	2132354.7883	320799.1591
Radius:	5731.55		
Delta:	3°02'48.61" Left		
Degree of Curvature(Arc):	0°59'58.76"		
Length:	304.79		
Tangent:	152.43		
Chord:	304.75		
Middle Ordinate:	2.03		
External:	2.03		
Tangent Direction:	N 88°14'29.15" E		
Radial Direction:	S 1°45'30.85" E		
Chord Direction:	N 86°43'04.85" E		
Radial Direction:	S 4°48'19.46" E		
Tangent Direction:	N 85°11'40.54" E		
Element: Circular			
PRC (303)	1499+66.47	2132354.7883	320799.1591
PI ()	1501+76.25	2132563.8369	320816.7332
CC (307)	2132835.5299	315080.6281	
PT (306)	1503+85.85	2132773.6108	320818.9968
Radius:	5738.70		
Delta:	4°11'13.87" Right		
Degree of Curvature(Arc):	0°59'54.28"		
Length:	419.39		
Tangent:	209.79		
Chord:	419.29		
Middle Ordinate:	3.83		
External:	3.83		
Tangent Direction:	N 85°11'40.54" E		
Radial Direction:	S 4°48'19.46" E		
Chord Direction:	N 87°17'17.48" E		
Radial Direction:	S 0°37'05.59" E		
Tangent Direction:	N 89°22'54.41" E		
Element: Linear			
PT (306)	1503+85.85	2132773.6108	320818.9968
PI (8002)	1511+39.00	2133526.7122	320827.1230
Tangent Direction:	N 89°22'54.41" E		
Tangent Length:	753.15		
Element: Linear			
PI (8002)	1511+39.00	2133526.7122	320827.1230
POT (311)	1513+85.88	2133773.5799	320829.7868
Tangent Direction:	N 89°22'54.41" E		
Tangent Length:	246.88		
Element: Linear			
POT (311)	1513+85.88	2133773.5799	320829.7868
POT (312)	1524+00.00	2134787.6408	320840.7289
Tangent Direction:	N 89°22'54.41" E		
Tangent Length:	1014.12		
Element: Linear			
POT (312)	1524+00.00	2134787.6408	320840.7289
POT (313)	1534+00.00	2135787.5826	320851.5186
Tangent Direction:	N 89°22'54.41" E		
Tangent Length:	1000.00		

Project Name: swo4432(1)
 Description:
 Horizontal Alignment Name: R001
 Description: ATSF
 Style: Centerline

	STATION	EASTING	NORTHING
Element: Linear			
POT (400)	18605+60.32	2137929.1632	321213.0433
PI (8027)	18609+38.00	2137767.9924	320871.4761
Tangent Direction:	S 25°15'38.14" W		
Tangent Length:	377.68		
Element: Linear			
PI (8027)	18609+38.00	2137767.9924	320871.4761
PC (401)	18611+28.03	2137686.9019	320699.6221
Tangent Direction:	S 25°15'38.14" W		
Tangent Length:	190.02		
Element: Circular			
PC (401)	18611+28.03	2137686.9019	320699.6221
PI ()	18614+49.11	2137549.8856	320409.2452
CC (404)	2142868.5978	318254.6043	
PT (403)	18617+69.52	2137446.1702	320105.3780
Radius:	5729.58		
Delta:	6°24'53.58" Left		
Degree of Curvature(Chord):	1°00'00.04"		
Length:	641.49		
Tangent:	321.08		
Chord:	641.15		
Middle Ordinate:	8.98		
External:	8.99		
Tangent Direction:	S 25°15'38.14" W		
Radial Direction:	N 64°44'21.86" W		
Chord Direction:	S 22°03'11.35" W		
Radial Direction:	N 71°09'15.44" W		
Tangent Direction:	S 18°50'44.56" W		

PLS	GSR		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION <h3 style="text-align: center;">SURVEY DATA SHEET</h3>
DRAWN	JMW		
CHECKED			
APPROVED			
CREW	ElReno		

SWO 4432 (1) PROJECT NO. 21860(04) SHEET NO. S006