

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

Project Name: Default
 Description: R001
 Horizontal Alignment Name: R001
 Description: RW
 Style: Present R/W

	STATION	EASTING	NORTHING
Element: Linear			
POB (7011)	-1+92.18	2220781.3307	420596.7969
PC (7010)	-0+27.12	2220740.8509	420756.8163
Tangent Direction:	N 14°11'46.23" W		
Tangent Length:	165.06		
Element: Circular			
PC (7010)	-0+27.12	2220740.8509	420756.8163
PI ()	1+50.96	2220697.1800	420929.4505
CC (327)		2221175.2699	420866.7103
PT (7009)	3+11.88	2220783.9150	421084.9714
Radius:	448.10		
Delta:	43°20'41.46" Right		
Degree of Curvature (Arc):	12°47'10.64"		
Length:	328.99		
Tangent:	178.07		
Chord:	330.97		
Middle Ordinate:	31.68		
External:	34.09		
Tangent Direction:	N 14°11'46.23" W		
Radial Direction:	N 75°48'13.77" E		
Chord Direction:	N 7°28'34.49" E		
Radial Direction:	S 60°51'04.77" E		
Tangent Direction:	N 29°08'55.23" E		
Non-collinear			
Element: Linear			
PT (7009)	3+11.88	2220783.9150	421084.9714
PC (7008)	4+27.71	2220725.5170	421185.0030
Tangent Direction:	N 30°16'34.23" W		
Tangent Length:	115.83		
Element: Circular			
PC (7008)	4+27.71	2220725.5170	421185.0030
PI ()	5+15.61	2220681.2018	421260.9118
CC (331)		2221121.1312	421415.9606
PT (7007)	6+01.39	2220668.1295	421347.8319
Radius:	458.10		
Delta:	21°43'24.00" Right		
Degree of Curvature (Arc):	12°30'26.54"		
Length:	173.68		
Tangent:	87.90		
Chord:	172.65		
Middle Ordinate:	8.21		
External:	8.36		
Tangent Direction:	N 30°16'34.23" W		
Radial Direction:	N 59°43'25.77" E		
Chord Direction:	N 19°24'52.23" W		
Radial Direction:	N 81°26'49.77" E		
Tangent Direction:	N 8°33'10.23" W		
Element: Linear			
PT (7007)	6+01.39	2220668.1295	421347.8319
PI (7006)	7+38.85	2220647.6863	421483.7632
Tangent Direction:	N 8°33'10.23" W		
Tangent Length:	137.46		
Element: Linear			
PI (7006)	7+38.85	2220647.6863	421483.7632
PI (7005)	7+89.84	2220650.1390	421534.6944
Tangent Direction:	N 2°45'25.53" E		
Tangent Length:	50.99		
Element: Linear			
PI (7005)	7+89.84	2220650.1390	421534.6944
PC (7004)	8+58.14	2220639.9813	421602.2348
Tangent Direction:	N 8°33'10.23" W		
Tangent Length:	68.30		
Element: Circular			
PC (7004)	8+58.14	2220639.9813	421602.2348

R001 PAGE 1 of 2

PI ()	10+09.22	2220617.5134	421751.6285
CC (323)		2219947.4966	421498.0893
PT (7003)	11+55.73	2220535.4514	421878.4714
Radius:	700.27		
Delta:	24°20'54.00" Left		
Degree of Curvature (Arc):	8°10'54.94"		
Length:	297.59		
Tangent:	151.07		
Chord:	295.35		
Middle Ordinate:	15.75		
External:	16.11		
Tangent Direction:	N 8°23'10.23" W		
Radial Direction:	N 81°26'49.77" E		
Chord Direction:	N 20°43'37.23" W		
Radial Direction:	N 57°05'55.77" E		
Tangent Direction:	N 22°54'04.23" W		

R001 PAGE 2 of 2

Project Name: Default
 Description: R002
 Horizontal Alignment Name: R002
 Description: RW
 Style: Present R/W

	STATION	EASTING	NORTHING
Element: Linear			
POB (7012)	-22+06.80	2220941.2919	420637.2620
PC (7013)	-20+41.74	2220900.8121	420797.2813
Tangent Direction:	N 14°11'46.23" W		
Tangent Length:	165.06		
Element: Circular			
PC (7013)	-20+41.74	2220900.8121	420797.2813
PI ()	-19+60.14	2220880.8011	420876.3864
CC (327)		2221175.2699	420866.7103
PT (7014)	-18+82.85	2220905.9620	420954.0072
Radius:	283.10		
Delta:	32°09'23.11" Right		
Degree of Curvature (Arc):	20°14'18.50"		
Length:	158.89		
Tangent:	81.60		
Chord:	156.81		
Middle Ordinate:	11.07		
External:	11.52		
Tangent Direction:	N 14°11'46.23" W		
Radial Direction:	N 75°48'13.77" E		
Chord Direction:	N 1°52'55.30" E		
Radial Direction:	S 72°02'23.12" E		
Tangent Direction:	N 17°57'36.88" E		
Non-collinear			
Element: Linear			
PT (7014)	-18+82.85	2220905.9620	420954.0072
PC (7015)	-16+79.75	2221062.1676	420824.2026
Tangent Direction:	S 50°16'26.00" E		
Tangent Length:	203.10		
Element: Circular			
PC (7015)	-16+79.75	2221062.1676	420824.2026
PI ()	-15+30.96	2221176.6045	420729.1070
CC (326)		2220624.1943	420297.1502
PT (7016)	-13+86.72	2221241.3010	420595.1169
Radius:	685.28		
Delta:	24°30'02.00" Right		
Degree of Curvature (Arc):	8°21'39.47"		
Length:	293.04		
Tangent:	148.79		
Chord:	290.81		
Middle Ordinate:	15.60		
External:	15.97		
Tangent Direction:	S 50°16'26.00" E		
Radial Direction:	S 39°42'34.00" W		
Chord Direction:	S 28°01'25.00" E		
Radial Direction:	S 64°13'36.00" W		
Tangent Direction:	S 25°46'24.00" E		

R002 PAGE 1 of 1

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN			
CHECKED			
APPROVED			
CREW			
SWO _____ () PROJECT NO. _____ SHEET NO. S-7			SURVEY DATA SHEET