

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

DESCRIPTION	REVISIONS	DATE

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County
 Cogo List
 Page 6 of 37

Horizontal Alignment Name: C008 (Cont.)

Length: 441.53
 Tangent: 224.78
 Chord: 437.61
 Middle Ordinate: 25.39
 External: 26.09
 Tangent Direction: N 26°20'41.37" W
 Radial Direction: N 63°39'18.63" E
 Chord Direction: N 13°06'17.12" W
 Radial Direction: S 89°51'52.87" E
 Tangent Direction: N 0°08'07.13" E

Element: Linear

PT (11183) 73+29.32 1851401.6841 474856.3936
 POE (386) 74+53.31 1851401.9770 474980.3833
 Tangent Direction: N 0°08'07.13" E
 Tangent Length: 123.99

Project Name: SWO4488_1
 Description:

Horizontal Alignment Name: C009

Description: RAMP "D"
 Style: Centerline

STATION	EASTING	NORTHING
---------	---------	----------

Element: Circular

PC (11191) 39+22.64 1851991.3682 473610.3532
 PI () 42+25.63 1851940.7455 473909.0843
 CC (11192) 1853246.6056 473823.0646
 PT (11193) 45+17.55 1852030.1168 474198.5938
 Radius: 1273.13
 Delta: 26°46'24.02" Right
 Degree of Curvature(Arc): 4°30'01.36"
 Length: 594.91
 Tangent: 302.99
 Chord: 589.52
 Middle Ordinate: 34.59
 External: 35.56
 Tangent Direction: N 9°37'04.52" W
 Radial Direction: N 80°22'55.48" E
 Chord Direction: N 3°46'07.49" E
 Radial Direction: S 72°50'40.50" E
 Tangent Direction: N 17°09'19.50" E

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County
 Cogo List
 Page 7 of 37

Horizontal Alignment Name: C009 (Cont.)

Element: Linear

PT (11193) 45+17.55 1852030.1168 474198.5938
 PC (11201) 47+38.30 1852095.2303 474409.5222
 Tangent Direction: N 17°09'19.50" E
 Tangent Length: 220.75

Element: Circular

PC (11201) 47+38.30 1852095.2303 474409.5222
 PI () 48+61.22 1852131.4873 474526.9732
 CC (11202) 1850727.9119 474831.6123
 PT (11203) 49+83.54 1852147.1832 474648.8870
 Radius: 1430.99
 Delta: 9°49'09.04" Left
 Degree of Curvature(Arc): 4°00'14.18"
 Length: 245.24
 Tangent: 122.92
 Chord: 244.94
 Middle Ordinate: 5.25
 External: 5.27
 Tangent Direction: N 17°09'19.50" E
 Radial Direction: S 72°50'40.50" E
 Chord Direction: N 12°14'44.98" E
 Radial Direction: S 82°39'49.54" E
 Tangent Direction: N 7°20'10.46" E

Element: Linear

PT (11203) 49+83.54 1852147.1832 474648.8870
 POE (380) 53+12.85 1852189.2329 474975.4973
 Tangent Direction: N 7°20'10.46" E
 Tangent Length: 329.31

Project Name: SWO4488_1

Description:

Horizontal Alignment Name: C010

Description: ENTRANCE RAMP

Style: Centerline

STATION	EASTING	NORTHING
---------	---------	----------

Element: Circular

PC (11211) 0+00.00 1851808.5086 474073.8089
 PI () 1+69.39 1851791.1330 474242.3053
 CC (11212) 1851609.5615 474053.2931
 PT (11213) 2+81.09 1851622.0749 474252.9035
 Radius: 200.00
 Delta: 80°31'30.91" Left
 Degree of Curvature(Arc): 28°38'51.29"

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County
 Cogo List
 Page 8 of 37

Horizontal Alignment Name: C010 (Cont.)

Length: 281.09
 Tangent: 169.39
 Chord: 258.52
 Middle Ordinate: 47.38
 External: 62.09
 Tangent Direction: N 5°53'15.39" W
 Radial Direction: N 84°06'44.61" E
 Chord Direction: N 46°09'00.85" W
 Radial Direction: N 3°35'13.70" E
 Tangent Direction: N 86°24'46.30" W

Element: Linear

PT (11213) 2+81.09 1851622.0749 474252.9035
 POE (388) 3+15.61 1851587.6231 474255.0632
 Tangent Direction: N 86°24'46.30" W
 Tangent Length: 34.52

Project Name: SWO4488_1
 Description:

Horizontal Alignment Name: C011

Description: EXIT RAMP

Style: Centerline

STATION	EASTING	NORTHING
---------	---------	----------

Element: Circular

PC (11221) 45+63.58 1851524.2041 474441.7181
 PI () 46+93.90 1851582.0379 474324.9304
 CC (11222) 1851591.6187 474475.1021
 PT (11223) 47+21.15 1851654.2442 474433.4217
 Radius: 75.23
 Delta: 120°00'33.91" Left
 Degree of Curvature(Arc): 76°09'47.02"
 Length: 157.57
 Tangent: 130.32
 Chord: 130.30
 Middle Ordinate: 37.62
 External: 37.25
 Tangent Direction: S 26°20'41.37" E
 Radial Direction: S 63°39'18.63" W
 Chord Direction: S 86°20'58.32" E
 Radial Direction: S 56°21'15.28" E
 Tangent Direction: N 33°38'44.72" E

Element: Linear

PLS	DRD		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	DRD		
CHECKED			
APPROVED			
CREW	LAWTON	SWO 4488 (1) PROJECT NO. 27050(04) SHEET NO. S-9	