

SWO 4928(1) J/P #27956(04) - US 62 - MUSKOGEE COUNTY
 INTERSECTION MODIFICATION AT SCOTT ROAD (NS 436), WILLEY ROAD (NS 437) & 2 MILE ROAD (NS 43)

CONTROL POINTS:

M-51-930 N=294131.8056 E=2782801.1152 Z=511.32	M-51-931 N=295375.4384 E=2784508.5561 Z=513.63	M-51-932 N=297681.1204 E=2787972.3025 Z=556.78
M-51-933 N=298727.4168 E=2789686.3825 Z=578.01	M-51-934 N=301654.9683 E=2793003.5119 Z=577.29	M-51-935 N=302264.0174 E=2794872.9791 Z=554.52

Description: US 62
 Horizontal Alignment Name: A005
 Description: Centerline Scott Road
 Style: Centerline

STATION	EASTING	NORTHING
100+00.00	2783673.7250	294311.8650
105+15.84	2783658.7205	294827.4878

Element: Linear
 POB (9213) 100+00.00 2783673.7250 294311.8650
 PI (330) 105+15.84 2783658.7205 294827.4878
 Tangent Direction: N 1A40'00.56" W
 Tangent Length: 515.841

Element: Linear
 POB (330) 105+15.84 2783658.7205 294827.4878
 POE (326) 110+15.56 2783644.0861 295326.9945
 Tangent Direction: N 1A40'00.56" W
 Tangent Length: 499.721

Style: Centerline

STATION	EASTING	NORTHING
609+13.55	2794608.4804	302273.5513
622+10.32	2795859.1626	302616.1973
634+94.60	2797447.0866	291912.4381
634+94.60	2797155.4547	302651.4000

Element: Circular
 PC (305) 609+13.55 2794608.4804 302273.5513
 PI () 622+10.32 2795859.1626 302616.1973
 CC (316) 634+94.60 2797447.0866 291912.4381
 PT (307) 634+94.60 2797155.4547 302651.4000
 Radius: 10742.921
 Delta: 13A45'56.38" Right
 Degree of Curvature(Arc): 0A32'00.01"
 Length: 2581.052
 Tangent: 1296.770
 Chord: 2574.849
 Middle Ordinate: 77.421
 External: 77.983
 Tangent Direction: N 74A40'43.58" E
 Radial Direction: S 15A19'16.42" E
 Chord Direction: N 81A33'41.77" E
 Radial Direction: S 1A33'20.04" E
 Tangent Direction: N 88A26'39.96" E

 Project Name: 4928
 Description: US 62
 Horizontal Alignment Name: A003
 Description: Centerline 2 mile road
 Style: Centerline

STATION	EASTING	NORTHING
3+99.81	2793971.7680	301454.8816
9+99.81	2793953.0528	302054.5896

Element: Linear
 POB (314) 3+99.81 2793971.7680 301454.8816
 PI (309) 9+99.81 2793953.0528 302054.5896
 Tangent Direction: N 1A47'14.86" W
 Tangent Length: 600.000

Element: Linear
 POB (309) 9+99.81 2793953.0528 302054.5896
 PI (311) 10+61.84 2793951.1180 302116.5871
 Tangent Direction: N 1A47'14.86" W
 Tangent Length: 62.028

Element: Circular
 PC (311) 10+61.84 2793951.1180 302116.5871
 PI () 14+67.83 2793938.4545 302522.3770
 CC (312) 17+01.42 2793542.0572 302103.8215
 PT (313) 17+01.42 2793532.5760 302512.9717
 Radius: 409.260
 Delta: 89A32'24.00" Left
 Degree of Curvature(Arc): 13A59'59.45"
 Length: 639.578
 Tangent: 405.987
 Chord: 576.453
 Middle Ordinate: 118.710
 External: 167.212
 Tangent Direction: N 1A47'14.86" W
 Radial Direction: N 88A12'45.14" E
 Chord Direction: N 46A33'26.86" W
 Radial Direction: N 1A19'38.86" W
 Tangent Direction: S 88A40'21.14" W

Element: Linear
 POB (313) 17+01.42 2793532.5760 302512.9717
 POE (310) 18+95.43 2793338.6155 302508.4771
 Tangent Direction: S 88A40'21.14" W
 Tangent Length: 194.013

 Project Name: 4928
 Description: US 62
 Horizontal Alignment Name: A004
 Description: Centerline Willey Road
 Style: Centerline

STATION	EASTING	NORTHING
100+00.00	2788862.1038	297648.7802
105+00.00	2788847.1691	298148.5571

Element: Linear
 POB (324) 100+00.00 2788862.1038 297648.7802
 PI (315) 105+00.00 2788847.1691 298148.5571
 Tangent Direction: N 1A42'41.93" W
 Tangent Length: 500.000

Element: Linear
 POB (315) 105+00.00 2788847.1691 298148.5571
 POE (322) 118+00.00 2788808.3388 299447.9771
 Tangent Direction: N 1A42'41.93" W
 Tangent Length: 1300.000

 Project Name: 4928