

**CURVE # 5**  
 PI Sta= 11+61.39  
 R= 818.511'  
 Dc= 7°00'00.00"  
 Δ= 12°50'55.87"  
 L=183.555'  
 T= 92.164'  
 N= 168857.368  
 E= 2113549.535  
 CL=183.170'  
 CB=N 05°20'17" W  
 Ext=5.172'

**CURVE # 9**  
 PI Sta= 228+50.82  
 R= 2000.000'  
 Dc= 2°51'53.24"  
 Δ= 8°41'51.62"  
 L=303.606'  
 T= 152.095'  
 N= 168687.499  
 E= 2114807.556  
 CL=303.315'  
 CB=N 85°20'20" E  
 Ext=5.775'

**CURVE # 8**  
 PI Sta= 225+47.21  
 R= 2000.000'  
 Dc= 2°51'53.24"  
 Δ= 8°41'51.62"  
 L=303.606'  
 T= 152.095'  
 N= 168639.861  
 E= 2114507.118  
 CL=303.315'  
 CB=N 85°20'20" E  
 Ext=5.775'

STA=218+50 BEGIN WORK PACKAGE 4.5

**CENTERLINE POINTS**

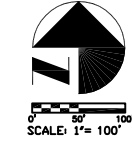
PT	NORTH	EAST	PT	NORTH	EAST
1919	168634.15440	2113459.93160	1942	168691.58443	2115557.31061
1920	168634.61967	2113545.31059	1943	168692.12936	2115657.30912
1921	168634.69933	2113559.93011	1944	168692.27028	2115683.16874
1922	168635.24426	2113659.92863	1945	168265.70021	2113538.31473
1923	168635.78919	2113759.92714	1946	168295.69481	2113538.88352
1924	168636.33412	2113859.92566	1947	168395.67684	2113540.77949
1925	168636.87904	2113959.92417	1948	168495.65886	2113542.67546
1926	168637.42397	2114059.92269	1949	168595.64089	2113544.57143
1927	168637.96890	2114159.92120	1950	168634.61964	2113545.31059
1928	168638.51383	2114259.91972	1951	168695.62291	2113546.46740
1930	168650.63156	2114559.49023	1952	168765.22040	2113547.78719
1931	168663.67981	2114657.33702	1953	168795.60865	2113547.79924
1932	168663.87940	2114658.59833	1954	168895.23277	2113539.88705
1933	168677.00147	2114757.72314	1955	168947.59691	2113530.74644
1934	168685.15296	2114857.37990	1956	168993.44814	2113521.19893
1935	168688.31351	2114957.31953	1957	169082.04790	2113502.75001
1936	168688.32756	2114959.64892	1958	169091.35695	2113500.85585
1937	168688.85980	2115057.31803	1959	169190.22315	2113486.09784
1938	168689.40472	2115157.31655	1961	169307.04854	2113480.95117
1939	168689.94965	2115257.31506	1962	168639.03207	2114355.02511
1940	168690.49458	2115357.31358	1963	168639.08440	2114359.90846
1941	168691.03951	2115457.31209	1964	168642.35281	2114459.84396

**REFERENCE POINTS**

PT	NORTH	EAST
960	168434.62263	2113546.40045
961	168334.62412	2113546.94537
962	168234.62560	2113547.49030
963	168836.87607	2113958.83431
964	168886.87533	2113958.56185
965	168936.87459	2113958.28939
966	168759.89598	2114513.22871
967	168784.89561	2114513.09248
968	168809.89524	2114512.95625

**BENCHMARKS**

PT.	NORTHING	EASTING	ELEV.
218	169035.646	2113924.810	1194.533
219	168829.045	2114401.687	1192.582
220	168952.339	2114975.752	1185.289
223	168247.883	2113738.449	1192.582



**SECTION 3, T11N-R3W, IM  
 OKLAHOMA COUNTY, OKLAHOMA**

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION
DRAWN	LJ	
CHECKED	DWM	
APPROVED		
PROJECT NO. OKCY-XTWN (048) STATE JOB NO. 17428 (60) SHEET NO. S1		BENCHMARKS, REFERENCES & CENTERLINE BLVD. STA. 218+50 TO STA. 230+00

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