	ogo Li age 36		2					
			NORTHING	ELEVATION	PT NO.	EASTING	NORTHING	ELEVATION
T	1244	1852239 09430	475362 78259		11372	1851446 36704	473920 32294	
- î	1251	1852264 83345	476637 47862		11373	1851469 07559	474063 53370	
ī	1252	1850992.72742	476663.16546		11381	1852509.74770	478212.80940	
1	1253	1852252.91104	476838.80949		11382	1858057,29426	476779,76229	
1	1254	1852266.87570	476738.61801		11383	1852328.86363	476897.99653	
1	1261	1852214.79179	477112.30162		11384	1852342.65009	477565.94878	
1	1262	1853348.11647	477270.26407		11391	1852659.35483	478192.22734	
1	1263	1852220.11738	477462.60499		11392	1858206.90139	476759.18024	
1	1264	1852190.32170	477287.86581		11393	1852478.47076	476877.41448	
1	1271	1852220.11738	477462.60499		11394	1852492.25723	477545.36672	
1	1272	1855039.74444	476981.81582		11401	1852461.33684	478225.31493	
1	1273	1852253.18124	477627.19987		11402	1858057.29426	476779.76229	
1	1274	1852234.23311	477545.38784		11403	1852278.87427	476899.02831	
1	1281	1850637.77848	475057.60218		11411	1852707.76570	478179.72181	
1	1282	1850618.57950	475821.26075		11412	1858206.90139	476759.18024	
1	1283	1851097.24333	475225.92559		11413	1852528.46011	476876.38270	
1	1284	1850895.96530	475064.09320		11421	1850370.71697	474633.06381	
1	1291	1851530.65284	475574.39729		11422	1848491.23933	474490.73199	
1	1292	1851010.78972	476220.97382		11423	1850362.02470	474720.63778	
1	1293	1851840.05694	476195.77962		11431	1850362.02470	4/4/20.63//8	
1	1294	1851828.45300	475813.83580		11432	1850381.02812	4/4/66.885/0	
1	1301	1851840.05694	4/6195.7/962		11433	1850420.45755	4/4/9/.631/5	
1	1302	1854/46.36815	4/610/.48218		11441	1850426.19655	4/4/98.4/0/2	
1	1303	1801889.363/0	4/664/.82203		11442	1850/06.93106	472909.30099	
-	1204	1831840.98230	476423.73430		11445	1820/11.98/81	474619.20900	
1	1212	1830938.23048	4/3243.8//44		11451	1830419.33378	474049.98333	
- 1	1212	1051074 50402	4/38/2./4811		11452	1040491.20900	474490.75199	
- 1	1201	1051270.30403	475300 00997		11455	1050411.73394	474726.06354	
- 1	1321	1851086 55605	476301 50405		11461	1850431 58546	474720.00334	
÷	1323	1851756 93016	476462 07503		11463	1850428 59235	474748 27085	
- î	1331	1851819 57247	476615 88555		11471	1850428 59235	474748 27085	
i	1332	1854815 32560	476107 03279		11472	1850706 93106	472909 35699	
- î	1333	1851865 21817	476835 27320		11473	1850711 85543	474769 20978	
- î	1341	1851820 58262	477106 35597		11481	1850386 91954	474723 02286	
ī	1342	1851377 54391	477627 46345		11482	1850431 58546	474728 49608	
ī	1343	1852004.19857	477353.34625		11483	1850424.85095	474772.98931	
i	1351	1851477.68916	474117.85502		11491	1850424.85095	474772.98931	
1	1352	1851501.18073	474266.00409		11492	1850706.93106	472909.35699	
1	1353	1851378.79008	474179.28311		11493	1850711.92162	474794.20969	
1	1361	1851469.07559	474063.53370		11501	1851149.65814	474656.34804	
1	1362	1851501.18073	474266.00409		11502	1851512.05422	474655.38851	
1	1363	1851334.75053	474146.31286		11503	1851149.73118	474648.04999	
1	1371	1851581.74772	473972.25625		11511	1851224.57499	474533.12733	

SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County

CHECKLEVELS

20			850370.71697 848491.23933			11563 185 11571 185	1262. 1067
82			850362.02470				1068.
62		11431 1	850362.02470	474720.63778		11573 185	1272.
80		11432 1	850381.02812	474766.88570		11581 185	1067.
62		11433 1	850420.45755	474797.63175			1068.
18		11441 1	850426.19655	474798.47072			1252.
03		11442 1	850706.93106	472909.35699			1043.
50		11443 1	850711.98781	474819.20960			1044.
44			850419.53378	474649.98333			1172.
11			848491.23933				1043.
27				474726.06354			1044.
87			850411.73394				1182.
95				474728.49608			1043.
03				474748.27085		11612 185	
55			850428.59235			11613 185 11621 185	1165.
79			850706.93106			11621 185	
20 97			850711.85543			11622 185	
				474723.02286		11025 185	1147.
45 25			850431.58546 850424.85095	47472.98931			
02				474772.98931			
02			850706.93106				
11			850711.92162				
70			851149.65814				
09				474655.38851			
86			851149.73118				
25			851224.57499				
SWO 44			MARKS LIST			(ENGLISH) (NGS) NAVD 88 DATUM	
2nd. RUN	3rd. RUN	DIFF.	ADJ. DIFF.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION SHEET 3 OF 4	
-4.429		-4.425	5 -4.4243				
				1181.6819		80d in Power Pole 58' Rt. Sta. 240+96	
-14.680		-14,683	5 -14.6819				
				1167.0000		North Cor. of brick flower bed & sign 43' Rt.	
						Sta.245+00	
-18.446		-18.44	1 -18,4392				
				1148,5608		R.R. Spk. In Power Pole 59' Rt. Sta. 248+57	
-7.356		-7.354	0 -7.3521			•	
-1.000		-1.004	-1.0021	1141.2087		80d in Power Pole 59' Rt. Sta. 253+26	
				1141.2087		oud in nower note bailkt. Sta. 203+20	
-8.989		-8.990	0 -8.9886	1132.2201		"D" is NUM Case of earth UDMI shares i serve	
				1132.2201		"[]" in N.W. Cor. of south HDWL skewed cross- drain 104' Rt. Sta. 256+74	
+12.488		+12.484	5 +12.4858			and to the out booth	
<12.408		±12.484	U T12.4808	1144,7059		Top COL Alum, Cap Stamped 09A1 in center	
						median 1.3' Lt. Sta. 257+18	

CHECKLEVELS		SWO 4488(1)		BENCH MARKS LIST				(ENGLISH) (NGS) NAVD 88 DATUM	
BM No.	1st. RUN	2nd. RUN	3rd. RUN	MEAN DIFF.	ADJ. DIFF.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION SHEET 3 OF 4	
	-4.422	-4.429		-4.4255	-4.4243				
BM #21						1181.6819		80d in Power Pole 58' Rt. Sta. 240+96	
	-14.687	-14.680		-14.6835	-14.6819				
BM #22						1167.0000		North Cor. of brick flower bed & sign 43' Rt. Sta.245+00	
	-18.436	-18.446		-18.441	-18.4392				
BM #23						1148.5608		R.R. Spk. In Power Pole 59' Rt. Sta. 248+57	
	-7.352	-7.356		-7.3540	-7.3521				
BM #24						1141.2087		80d in Power Pole 59' Rt. Sta. 253+26	
	-8.991	-8.989		-8.9900	-8.9886				
BM #25	0.001	0.000		0.0000	0.1000	1132.2201		"[]" in N.W. Cor. of south HDWL skewed cross- drain 104' Rt. Sta. 256+74	
	+12.481	+12.488		+12.4845	+12.4858				
BM #26						1144.7059		Top COL Alum. Cap Stamped 09A1 in center median 1.3' Lt. Sta. 257+18	
	-4.249	-4.251		-4.2500	-4.2485				
BM #27						1140.4574		"[]" in S.E. Cor. of south HDWL skewed cross- drain 54' Rt. Sta. 260+81	
	+10.611	+10.617		+10.6140	+10.6158				
BM #28						1151.0732		Top of N.E. bolt on east end of south guard rai 29' Rt. Sta. 264+71	
	+27.294	+27.258		+27.2760	+27.2788				
BM #29						1178.3521		Top 1/2" Iron Pin 41' Lt. Sta. 271+14	
	+8.316	+8.339		+8.3275	+8.3292				
BM #30						1186.6813		"[]" in N.E. Cor. of east conc. curb at 34 th . Stree 23' Rt. Sta. 275+11	
	-13.440	-13.449		-13.4445	-13.4400				
BM #31						1173.2413		"X" in north conc. curb at 24 th . Street 6' Lt. Sta 285+90	
	+7.113	+7.114		+7.1135	+7.1159				
BM #32						1180.3571		Center of San. Sewer M.H. in center median 3 Lt. Sta. 291+79	
	+24.826	+24.792		+24.8090	+24.8116				
BM #33						1205.1687		Top 1/2" Iron Pin 154' Lt. Sta. 297+97	
	+22.447	+22.475		+22.4610	+22.4644				

Cogo Lis	SWO 4488(1) - U.S. 62 & Rogers Lane - Comanche County Cogo List Page 37 of 37											
PT NO.	EASTING	NORTHING	ELEVATION									

PT NO.	EASTING	NORTHING	Е
11512	1851512.05422	474655.38851	
11513	1851199.65797	474656.21565	
11521	1851378.79008	474179.28311	
11522	1851501.18073	474266.00409	
11523	1851363.15196	474207.28391	
11531	1851551.61274	474098.42839	
11532	1851501.18073	474266.00409	
11533	1851340.13946	474197.51532	
11541	1851338.75454	474149.31047	
11542	1851501.18073	474266.00409	
11543	1851317.13433	474187.73154	
11551	1851201.56909	474523.34322	
11552	1851512.05422	474655.38851	
11553	1851174.65805	474656.28184	
11561	1851067.08470	474213.26731	
11562	1851068.41500	474715.72555	
11563	1851262.52076	474252.27220	
11571	1851067.01851	474188.26740	
11572	1851068.41500	474715.72555	
11573	1851272.17853	474229.21298	
11581	1851067.15089	474238.26722	
11582	1851068.41500	474715.72555	
11583	1851252.86299	474275.33142	
11591	1851043.68262	474503.33027	
11592	1851044.59658	474848.51906	
11593	1851172.96018	474528.08354	
11601	1851043.61643	474478.33036	
11602	1851044.59658	474848.51906	
11603	1851182.25677	474504.87635	
11611	1851043.74881	474528.33018	
11612	1851044.59658	474848.51906	
11613	1851163.66359	474551.29072	
11621	1851164.78017	474551.79037	
11622	1851512.05422	474655.38851	
11623	1851149.73118	474648.04999	

CHECKLEVELS		SWO 44	88(1) BENCI	BENCH MARKS LIST			(ENGLISH) (NGS) NAVD 88 DATUM	
BM No.	1st. RUN	2nd. RUN	3rd. MEAN RUN DIFF.	ADJ. DIFF.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION SHEET 2 OF 4	
BM #8					1174.5941		Top ½ iron pin & ODOT Mon. No. C-16-764, 0.4' RT. Sta. 151+30. Top ½ iron pin & ODOT Mon. No. C-16-784 Control Monument on SWO 3848(1) Metric Survey on centerline of survey Sta. 11+765.824.	
BM #9	-2.674	-2.663	-2.6685	-2.6643	1171.9297		"X" in cent. of south HDWL of Skewed cross-drain 52' Rt. Sta. 161+55	
BM #10	-2.232	-2.216	-2.2240	-2.2206	1169.7091		"X" in cent. of south HDWL of cross-drain 59' Rt. Sta. 169+87	
BM #11	+2.320	+2.322	+2.3210	+2.3237	1172.0328		Top 2" ODOT Alum. Cap No. C-16-1078, 67" Rt. Sta.176+20	
BM #12	-16.968	-16.974	-16.971	-16.9679	1155.0649		"X" in cent. of south HDWL of cross-drain 56' Rt. Sta. 183+48	
BM #13	+8.858	+8.881	+8.8695	+8.8730	1163.9379		Top ½" Iron Pin in grass median 0.3" Lt. Sta. 191+86	
BM #14	-11.119	-11.130	-11.1245		1152.8165		NW Cor. Conc. Walk 49' Rt. Sta. 199+67	
BM #15	-0.962	-0.966	-0.9640	-0.9620	1151.8545		NW Cor. Conc. Walk by water & air hoses at E-Z Go Convenience Store 44' Rt. Sta. 204+53	
BM #16	+2.805	+2.812	+2.8085	+2.8102	1154.6648		Top COL Alum. Cap Stamped 09A7 in grass median 13' Lt. Sta. 208+65	
BM #17	-9.887	-9.897	-9.892	-9.8872	1144.7776		Top 1/2" Iron Pin 58' Lt. Sta. 220+52	
BM #18	+1.278	+1.273	+1.2755	+1.2767	1146.0543		"X" in cent. of south HDWL of cross-drain 38' Rt. Sta. 223+17	
BM #19	+15.364	+15.366	+15.3650		1161.4228		60d in Power Pole 58' Rt. Sta. 231+90	
BM #20	+24.673	+24.689	+24.6810	+24.6834	1186,1062		80d in Power Pole 57' Rt. Sta. 237+88	

CHECKLEVELS		SWO 4	488(1)	BENCH M	ARKS LIST			(ENGLISH) (NGS) NAVD 88 DATUM	
	1st.	2nd.	3rd.	MEAN	ADJ.	ADJ.	PUBLISHED	BM DESCRIPTION	
BM No.	RUN	RUN	RUN	DIFF.	DIFF.	ELEV.	ELEV.	SHEET 4 OF 4	
BM #34						1227.6332		Top 2" ODOT Alum. Cap No. C-16-1079, 188' Lt.	
								Sta.306+51	
3M #35	+0.937	+0.919		+0.9280	+0.9300	1228.5632		"[]" on N.W. cor. conc. side walk at end of parapet	
5WI #30						1220.0002		wall 165' Lt. Sta. 311+60	
	-29.136	-29.143		-29.1395	-29.1324				
3M #36						1199.4308		S.W. Cor. steel curb inlet 26' Rt. Sta. 329+18	
	-8.638	-8.651		-8.6445	-8.6392				
3M #37	0.000	0.001		0.0110	0.0002	1190.7917		S.W. Cor. steel curb inlet 25' Rt. Sta. 342+19	
m π31	-24.076	-24.078		-24.077	-24.0708	neu.rell		o.m. oor, steel outprinet 20 Nr. ota, 942+18	
3M #38	-24.010	-24.010		-2-1.0///	-24.0700	1166.7209		"X" on north edge of SS M.H. 34' Rt. Sta. 354+13	
50 # 30	-0.532	-0.537		-0.5345	-0.5309	1100.7209		A on norm edge of SS M.H. 34 Rt. Sta. 304+13	
3M #39	-0.032	-0.037		-0.5345	-0.5309	1166.1900		"X" in conc. median & SW Cor. Sec. 18, T-2-N, R-	
								11-W, I.M. ODOT Mon. No. C-16-868 on	
								centerline of survey Sta. 363+11.07	
	-28.908	-28.909		-28.9085	-28.9039			I	
3M #40						1137.2861		West end conc. Median 20' Lt. Sta. 372+04	
	-0.899	-0.894		-0.8965	-0.8944			I	
3M #41						1136.3917		Top 1/2" Iron Pin 14' Lt. Sta. 377+35	
	-2.983	-2.980		-2.9815	-2.9771				
3M #42						1133.4146		"X" in cent. of south HDWL of skewed cross-drain	
								32' Rt. Sta. 388+34	
	+1.557	+1.541		+1.5490	+1.5532				
3M #43						1134.9678		"[]" on S.E. Cor. south HDWL of cross-drain 27" Rt. Sta. 396+43	
	+9.623	+9.634		+9.6285	+9.6352			N. 56. 30010	
3M #44	T8.023	+8.034		T8.0280	T8.030Z	1144.6030		Top COL 2" Alum. Cap on NW end of overpass	
								on I-44	
	-4.300	-4.280		-4.2900	-4.2940			I	
3M #45						1140.3090	1140.3090	Top of stem, H.A.R.N. Mon. "TWO" & ODOT Mon.	
								No. C-16-1081 = BM #3 SWO 3748(1) I-44	
								Survey, H.A.R.N. Mon. "TWO" 192 Ft. Lt. Sta. 70+72	
	-18.45	-18.48		-18.4650	-18.458			19-12	
3M #46	-10.43	-10.40		-10.4030	-10.400	1121.8510	1121.8510	"[]" N.E. comer west headwall of cross-drain	
								on west side of I-44 = BM #4 SWO 3748(1) I-44	
								Survey, "[]" N.E. corner west headwall of cross-	
								drain on west side of I-44, 36 Ft. Lt. Sta. 101+25	PLS DRD OKLAHOMA DEPARTMENT OF TRA
									SURVEY DIVISION
									DRAWN DRD
								l	
									APPROVED
									CREW LAWTON SWO 4488 (1) PROJECT NO 27050(04)
									CREW LAWTON SWO 4488 (1) PROJECT NO. 27050(04)

OKLAHO	A DEPA	ARTMENT OF	TRAN	SPORTA	TION
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL	SHEET NO.	TOTAL SHEETS
	OKLA.				
DESCRIPTION		REVISIONS			DATE