

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

DESCRIPTION	REVISIONS	DATE

CHECK LEVELS				BENCHMARK LIST		NAVD 88 DATUM		
SWD 4600(1)								
BM NO.	RUN 1	RUN 2	DIFF.	MEAN DIFF.	UNADJ. ELEV.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
CANADIAN							1992.30	SOURCE BENCHMARK - NGS BRASS CAP STAMPED "CANADIAN 1944" LOCATED APPROXIMATELY 1.2 MILES NORTH & 0.9 MILES WEST OF BEGINNING OF PROJECT
D-22-455	-70.853	-70.84	-0.013	-70.847				78.7' RT. STA 98+92 - SET #4 BAR W/ "LEMKE CONTROL" CAP @ NE CORNER INTERSECTION OF HWY 270 & E064 ROAD
BM1	2.190	2.191	-0.001	2.191	1921.454	1921.455		63.4' RT. STA 102+05 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 18' SW OF PIONEER FIBER OPTIC SIGN PERPENDICULAR FROM HWY
BM2	-10.395	-10.397	0.002	-10.396	1923.644	1923.647		63.9' RT. STA 109+14 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 15' SW OF PIONEER FIBER OPTIC SIGN PERPENDICULAR FROM HWY
BM3	2.347	2.342	0.005	2.345	1913.248	1913.252		114.3' RT. STA 116+55 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 10' EAST OF A NS BARBED WIRE FENCE AND 69' SW OF A PIONEER FIBER OPTIC SIGN
BM4	-6.197	-6.200	0.003	-6.199	1915.593	1915.598		116.8' RT. STA 121+25 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 48.5' SW FROM SW CORNER OF BRICK HOUSE, AND 34' NW FROM A N/W SW FENCE CORNER
BM5	-12.388	-12.391	0.003	-12.390	1909.894	1909.401		105.6' RT. STA 129+02 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 57' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A POWER POLE
BM6	0.209	0.212	-0.003	0.210	1897.005	1897.012		117.6' RT. STA 135+67 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 15' NORTH & 6' EAST OF A N/E/W BARBED WIRE FENCE CORNER
BM7	3.561	3.568	-0.007	3.565	1897.215	1897.224		110.3' RT. STA 144+01 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 59' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A TRANSFORMER POLE
BM8	-1.638	-1.637	-0.001	-1.638	1900.780	1900.790		110.3' RT. STA 150+64 - SET #6 REBAR ON WEST SIDE OF HWY 270 60' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A TELEPHONE PEDESTAL
BM9	-8.827	-8.827	0.000	-8.827	1899.141	1899.154		110.8' RT. STA 156+12 - SET #6 REBAR ON WEST SIDE OF HWY 270 82' SW FROM FACE OF WEST HEADWALL IN LINE WITH EAST HEADWALL
BM10	-4.731	-4.737	0.006	-4.734	1890.315	1890.328		108.3' RT. STA 164+26 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 57' SW OF A PIONEER FIBER OPTIC SIGN IN LINE WITH DRAINAGE STRUCTURE
TO	3.137	3.136	0.001	3.137	1885.581	1885.596		

BM NO.	RUN 1	RUN 2	DIFF.	MEAN DIFF.	UNADJ. ELEV.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
BM23					1890.635	1890.667		67.5' RT. STA 244+18 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 15' WSW OF PIONEER FIBER OPTIC SIGN & 10' E. OF 12" CEDAR
D-22-456	14.414	14.417	-0.003	14.416				163.2' LT. STA 250+59 - SET #4 BAR W/ "LEMKE CONTROL" CAP ON EAST SIDE OF HWY 270 3' NORTH OF A GRAVEL ROAD
BM24	2.553	2.552	0.001	2.553	1905.051	1905.084		104.0' RT. STA 252+01 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 50' SW PERPENDICULAR FROM R/W FENCE
BM25	3.062	3.060	0.002	3.061	1907.603	1907.637		158.0' RT. STA 261+21 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 8' SOUTH AND 6' EAST OF SE CORNER OF WINDMILL
BM26	-7.977	-7.983	0.006	-7.980	1910.664	1910.700		100.6' RT. STA 266+38 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 52' SW OF TUG SIGN PERPENDICULAR FROM HWY
BM27	-4.137	-4.127	-0.010	-4.132	1902.684	1902.721		108.4' RT. STA 273+63 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 77' SW OF A 45TH INFANTRY MEMORIAL HWY SIGN PERPENDICULAR FROM HWY
BM28	1.967	1.975	-0.008	1.971	1898.552	1898.590		62.3' RT. STA 281+82 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 5' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A POWER POLE
BM29	-26.986	-26.986	0.000	-26.986	1873.537	1873.578		100.0' RT. STA 290+04 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 5' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A POWER POLE
BM30	-17.084	-17.082	-0.002	-17.083	1873.537	1873.578		73.4' RT. STA 297+42 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 1' SW PERPENDICULAR FROM R/W FENCE & 30' NW OF NORTH CORNER OF HEADWALL
BM31	7.676	7.682	-0.006	7.679	1856.454	1856.496		108.7' RT. STA 305+25 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 38' SW OF POWER POLE PERPENDICULAR FROM HWY
BM32	-1.095	-1.096	0.001	-1.096	1864.133	1864.177		77.1' RT. STA 313+08 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 2.5' EAST OF A NS BARBED WIRE FENCE & 62' NW OF NW CATTLE GUARD CORNER
BM33	5.171	5.154	0.017	5.163	1863.038	1863.083		106.2' RT. STA 321+09 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 54' SW PERPENDICULAR FROM R/W FENCE
TO	0.596	0.594	0.002	0.595	1868.200	1868.246		

BM NO.	RUN 1	RUN 2	DIFF.	MEAN DIFF.	UNADJ. ELEV.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
BM11					1888.718	1888.733		184.2' RT. STA 308+52 - CUT A SQUARE ON EAST SIDE OF CONCRETE TROUGH ON WEST SIDE OF HWY 270
TO	-2.930	-2.930	0.000	-2.930				
BM12	0.908	0.911	-0.003	0.910	1885.788	1885.805		111.2' RT. STA 373+98 - SET # 6 REBAR ON WEST SIDE OF HWY 270 - 60' SW OF A TUG SIGN PERPENDICULAR FROM HWY AND 29' EAST OF A N/S BW FENCE
BM13	-3.335	-3.326	-0.009	-3.331	1886.697	1886.716		111.2' RT. STA 378+07 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 56' SW OF A BLACKJACK OAK PERPENDICULAR FROM HWY
BM14	6.847	6.847	0.000	6.847	1883.367	1883.386		111.0' RT. STA 383+63 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 80' SW FROM FACE OF WEST HEADWALL IN LINE WITH EAST HEADWALL
BM15	7.765	7.765	0.000	7.765	1890.214	1890.235		112.4' RT. STA 389+74 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 59' SW PERPENDICULAR FROM R/W FENCE
BM16	5.140	5.124	0.016	5.132	1897.979	1898.001		54.5' RT. STA 396+93 - SET #6 REBAR ON WEST SIDE OF HWY 270 - ON R/W FENCE
BM17	4.900	4.896	0.004	4.898	1902.111	1902.134		49.9' RT. STA 205+73 - SET #6 REBAR ON WEST SIDE OF HWY 270 - ON R/W FENCE ACROSS FROM TELEPHONE PEDESTAL ON EAST SIDE OF HWY
BM18	-0.237	-0.218	-0.019	-0.227	1908.009	1908.034		52.3' RT. STA 212+56 - SET #6 REBAR ON WEST SIDE HIGHWAY 270 - ON APPARENT R/W FENCE ACROSS FROM N. PC OF A GRAVEL DRIVE
BM19	13.680	13.688	-0.008	13.684	1907.781	1907.807		60.7' RT. STA 219+15 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 1' SW PERPENDICULAR FROM R/W FENCE
BM20	-7.737	-7.738	0.001	-7.738	1921.465	1921.493		58.6' RT. STA 225+51 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 1' SW PERPENDICULAR FROM R/W FENCE
BM21	-9.068	-9.073	0.005	-9.071	1913.728	1913.757		49.6' RT. STA 230+97 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 12' SW OF WATONGA, CANTON, SOUTHWARD SIGN
BM22	-14.016	-14.028	0.012	-14.022	1904.657	1904.687		53.3' RT. STA 236+10 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 1' SW PERPENDICULAR FROM EXISTING R/W FENCE

BM NO.	RUN 1	RUN 2	DIFF.	MEAN DIFF.	UNADJ. ELEV.	ADJ. ELEV.	PUBLISHED ELEV.	BM DESCRIPTION
BM34	2.327	2.329	-0.002	2.328	1868.795	1868.843		89.0' RT. STA 329+06 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 39' SW PERPENDICULAR FROM R/W FENCE
TO								
BM35	11.888	11.892	-0.004	11.890	1871.123	1871.172		52.5' RT. STA 336+95 - SET #6 REBAR ON WEST SIDE OF HWY 270 - @ R/W FENCE LINE IN LINE W/ 24" RCP DRAINAGE STRUCTURE
BM36	-2.691	-2.686	-0.005	-2.689	1883.013	1883.063		71.7' RT. STA 345+98 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 20' SW PERPENDICULAR FROM R/W FENCE & 24' SOUTH OF E/W BW FENCE
BM37	1.792	1.788	0.004	1.790	1880.325	1880.376		108.9' RT. STA 352+64 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 58' SW PERPENDICULAR FROM R/W FENCE
BM38	-18.321	-18.318	-0.003	-18.320	1882.115	1882.167		72.3' RT. STA 356+42 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 7' SOUTH OF POWER POLE ON EAST SIDE OF GRAVEL ROAD
BM39	-21.274	-21.265	-0.009	-21.270	1863.795	1863.849		76.6' RT. STA 364+44 - SET #6 REBAR ON WEST SIDE OF HWY 270 - @ R/W FENCE LINE
BM40	13.974	13.971	0.003	13.973	1842.526	1842.581		76.4' LT. STA 373+01 - SET #6 REBAR ON EAST SIDE OF HWY 270 - @ R/W FENCE LINE
BM41	2.434	2.436	-0.002	2.435	1856.498	1856.555		130.1' RT. STA 380+66 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 44' SW PERPENDICULAR FROM R/W FENCE
BM42	6.013	6.012	0.001	6.013	1858.933	1858.991		141.9' RT. STA 387+65 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 66' SW PERPENDICULAR FROM R/W FENCE
BM43	2.518	2.514	0.004	2.516	1864.946	1865.005		100.9' RT. STA 392+30 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 50' SW PERPENDICULAR FROM R/W FENCE
BM44	0.904	0.900	0.004	0.902	1867.462	1867.522		116.8' RT. STA 399+28 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 5' EAST OF A N,S BW FENCE LINE & 67' SW PERPENDICULAR FROM R/W FENCE
BM45	3.267	3.263	0.004	3.265	1868.364	1868.426		105.6' RT. STA 405+31 - SET #6 REBAR ON WEST SIDE OF HWY 270 - 58' SW PERPENDICULAR FROM R/W FENCE ACROSS FROM A PIONEER FIBER OPTIC SIGN

PLS	KH		OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	CF,SK		
CHECKED	SS		
APPROVED	KH		
CREW	JH,SA,BH,DR		

SURVEY DATA SHEET

SWD 4600(1) PROJECT NO. 17671(34) SHEET NO. 56