

SURVEY CONTROL INFORMATION SHEET

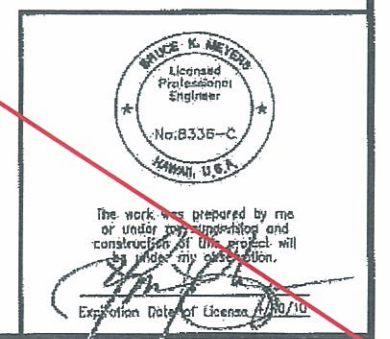
REVISED 07/14/09
AMENDMENT A002

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI HP & TI 200(2)	A4	A4

***SHADED SURVEY CONTROL
POINTS TO BE RELOCATED PER
ITEM NO. 15215-4500 -
SURVEY AND STAKING,
RELOCATE EXISTING CONTROL
POINTS.

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ID	NORTHING	EASTING	ELEVATION	STATION	OFFSET	ID	NORTHING	EASTING	ELEVATION	STATION	OFFSET
ESR-38	-14727.340	-82858.308	5110.47			ESR-59	-10550.376	-63896.851	3971.86	1351+67.97	-68.37
ESR-39	-14416.443	-81436.288	5016.74	1165+45.62	-171.16	ESR-59A	-10580.593	-63761.703	3971.86	1352+96.93	-30.53
ESR-39A	-14575.835	-81080.999	4987.41	1168+98.51	-18.13	ESR-60	-10705.689	-63202.198	3930.44	1358+64.89	30.29
ESR-39B	-14588.839	-80654.340	4953.59	1173+18.00	-81.47	ESR-60A	-10755.440	-62800.698	3917.97	1362+69.34	20.38
ESR-39C	-14681.770	-80256.570	4953.59	1177+27.38	-67.59	ESR-60B	-10728.449	-62007.514	3860.30	1370+69.17	-1.68
ESR-39D	-14713.222	-79802.244	4902.89	1182+02.34	-25.59	ESR-62	-10547.380	-61673.124	3829.31	1374+51.57	-20.36
ESR-39E	-14561.304	-79370.768	4885.70	1186+60.10	-57.99	ESR-62A	-10275.113	-61217.271	3787.77	1379+82.41	-31.93
ESR-39F	-14511.096	-79137.738	4872.70	1188+98.06	-43.96	ESR-62B	-10111.703	-60751.617	3763.20	1384+75.79	17.65
ESR-39G	-14416.959	-78813.827	4832.92	1192+35.35	-47.91	ESR-62C	-10056.186	-60398.841	3745.36	1388+36.74	1.32
ESR-39H	-14335.113	-78295.789	4797.62	1197+56.38	11.96	ESR-63	-9902.839	-60891.941	3757.96	1384+06.92	-222.71
ESR-42	-14111.660	-78000.634	4776.26	1200+97.85	-124.61	ESR-64	-9811.841	-60294.413	3730.93	1389+15.16	-250.05
ESR-43	-14142.638	-77506.613	4757.11	1205+58.10	-63.37	ESR-65	-10341.172	-59643.450	3701.94	1396+48.69	78.19
ESR-44	-14165.033	-76953.452	4723.65	1211+10.62	-98.28	ESR-66	-10417.152	-59130.450	3677.25	1401+54.41	32.12
ESR-44A	-14277.367	-76602.719	4682.01	1214+71.08	-22.80	ESR-67	-10194.689	-58614.873	3636.30	1407+19.45	-95.46
ESR-44B	-14312.066	-76298.016	4665.63	1217+77.74	-19.78	ESR-68	-9941.205	-57858.086	3600.20	1415+15.60	-39.57
ESR-44C	-14317.719	-75961.262	4626.72	1221+16.14	-43.91	ESR-69	-9683.645	-57175.408	3584.84	1422+44.87	-15.85
ESR-44D	-14270.147	-75557.152	4581.58	1225+28.72	-77.72	ESR-70	-9460.330	-56591.291	3557.27	1428+69.97	1.73
ESR-44E	-14389.955	-75109.515	4557.04	1229+65.53	76.97	ESR-71	-9221.887	-56091.699	3513.78	1434+25.40	-8.68
ESR-45	-14236.613	-76253.600	4665.35	1218+14.12	-99.42	ESR-72	-8889.116	-55686.723	3468.42	1439+51.15	10.31
ESR-46	-14209.707	-75428.948	4576.71	1226+61.28	-127.88	ESR-73	-8416.253	-55327.534	3432.14	1445+27.88	-88.61
ESR-46A	-14201.648	-74936.304	4550.86	1231+53.03	-97.12	ESR-74	-8243.742	-54543.912	3390.24	1453+11.48	2.42
ESR-47	-14192.143	-74355.178	4528.83	1237+24.21	-80.73	ESR-74A	-8239.742	-54543.912	3369.10	1453+11.64	-1.58
ESR-47A	-14229.546	-74497.813	4532.67	1235+85.29	-40.98	ESR-75	-8332.786	-54352.758	3344.36	1454+98.73	99.39
ESR-47B	-14407.620	-73527.631	4504.27	1245+59.94	100.39	ESR-76	-8108.284	-53721.323	3312.65	1461+39.02	-98.47
ESR-47C	-14366.655	-72811.842	4476.53	1252+60.76	86.27	ESR-77	-8175.917	-53283.547	3287.67	1465+73.58	-12.57
ESR-48	-14164.752	-73514.609	4502.32	1245+62.93	-142.81	ESR-77A	-8145.543	-52637.314	3237.06	1472+20.51	-15.85
ESR-49	-14132.121	-72540.642	4468.45	1255+71.99	-91.17	ESR-78	-8173.456	-52477.672	3223.55	1473+78.85	18.72
ESR-49A	-14107.436	-72161.200	4441.65	1259+46.65	26.27	ESR-79	-8063.506	-52094.542	3210.19	1477+66.25	-75.09
ESR-49B	-14062.339	-71743.191	4419.49	1263+63.59	27.83	ESR-79A	-8142.290	-51735.447	3194.10	1481+21.73	18.66
ESR-50	-13873.333	-71430.806	4401.80	1267+11.56	-82.73	ESR-79B	-7912.104	-51056.992	3156.91	1488+44.03	-76.50
ESR-51	-13631.590	-70509.361	4347.96	1270+69.87	26.80	ESR-80	-7980.056	-51763.448	3185.61	1481+00.54	-144.60
ESR-51A	-13328.110	-70265.648	4328.56	1280+48.92	-60.28	ESR-82	-7782.450	-51027.177	3133.12	1489+23.21	-186.63
ESR-52	-13056.984	-69946.511	4300.69	1284+67.65	-65.40	ESR-83	-7727.832	-50523.617	3086.46	1494+12.82	4.84
ESR-52A	-12728.328	-69386.729	4255.30	1291+07.17	-35.61	ESR-83A	-7244.657	-49994.066	3026.45	1501+28.66	-38.21
ESR-52B	-12504.963	-68949.765	4219.33	1295+99.39	-23.30	ESR-84	-6789.201	-49467.849	2999.07	1508+04.35	-129.03
ESR-53	-12273.716	-68607.402	4195.14	1300+15.08	-3.76	ESR-84A	-7016.511	-49549.220	3019.84	1506+23.80	30.35
ESR-53A	-11928.696	-68278.355	4161.09	1304+90.90	-34.91	ESR-85	-6643.496	-48832.162	2963.05	1514+33.18	43.87
ESR-54	-11493.342	-67807.881	4136.48	1311+22.99	-70.67	ESR-86	-6435.003	-48444.651	2942.23	1518+73.51	43.84
ESR-54A	-11379.910	-67559.500	4123.92	1313+89.28	-37.81	ESR-87	-6223.896	-48118.758	2901.11	1522+58.34	22.58
ESR-55	-11224.985	-67220.281	4098.32	1317+58.00	-32.87	ESR-88	-6096.972	-47692.629	2890.90	1526+95.67	-51.47
ESR-55A	-11076.195	-67113.727	4093.19	1319+05.40	-135.46	ESR-89	-6143.966	-47120.375	2883.24	1532+62.67	-0.39
ESR-55B	-10986.721	-66499.678	4078.43	1325+02.74	-83.16	ESR-90	-6382.504	-46272.432	2855.06	1541+44.50	35.97
ESR-56	-11139.095	-66717.560	4082.59	1322+64.49	30.73	ESR-91	-6485.097	-45713.528	2848.29	1547+08.91	-22.44
ESR-57	-10975.958	-66304.418	4068.12	1326+93.08	-75.23	ESR-92	-6704.111	-45240.586	2827.29	1552+27.21	20.20
ESR-57A	-11019.388	-65799.902	4063.36	1331+93.62	-13.70	ESR-93	-6737.552	-44718.139	2795.90		
ESR-58	-11002.946	-65011.873	4036.96	1339+79.94	16.93	HALAI	0.000	0.000	346.07		
ESR-58A	-10825.611	-64621.308	4012.34	1344+06.54	-20.17						



SURVEY CONTROL INFORMATION SHEET												AS BUILT SHEET A4
ID	Northing	Easting	Elevation	Station	Offset	ID	Northing	Easting	Elevation	Station	Offset	
ESR38	-14727.34	-82858.308	5110.47			PSL1027	-10540.301	-63552.708	3958.61			
ESR39	-14416.443	-81436.288	5016.74			PSL1028	-10726.791	-63211.959	3932.38			
PSL1000	-14655.343	-81096.373	4992.46			PSL1029	-10684.579	-62770.215	3904.3			
ESR39B	-14588.839	-80654.34	4953.59			PSL1030	-10835.225	-62110.78	3871.62			
PSL1001	-14825.938	-80272.688	4925.51			PSL1031	-10583.79	-61592.26	3825.17			
PSL1002	-14779.874	-79728.087	4899.06			PSL1032	-10339.458	-61390.747	3801.73			
PSL1003	-14534.147	-79367.861	4884.37			PSL1033	-10051.393	-60788.202	3764.45			
PSL1004	-14462.61	-79107.849	4867.87			PSL1034	-9978.443	-60344.858	3736.96			
PSL1005	-14373.914	-78738.954	4822.82			ESR65	-10341.182	-59643.402	3701.95			
PSL1006	-14399.575	-78300.168	4803.55			PSL1035	-10445.581	-59104.689	3681.44			
ESR42	-14111.66	-78000.634	4776.26			ESR67	-10194.73	-58614.809	3636.32			
ESR43	-14142.638	-77506.613	4757.11			psl 67	-10267.32	-58363.92	3629.581			
ESR44	-14165.033	-76953.452	4723.65			PSL1036	-9900.643	-57790.898	3599.91			
PSL1007	-14376.121	-76577.321	4677.84			PSL1037	-9623.948	-57199.261	3585.46			
ESR45	-14236.613	-76253.6	4665.35			PSL1038	-9515.557	-56533.433	3557.32			
PSL1008	-14429.3	-76309.94	4661.29			PSL1039	-9219.506	-56183.443	3521.7			
PSL1009	-14415.002	-75944.833	4625.04			PSL1040	-8957.454	-55679.435	3478.71			
PSL1010	-14254.427	-75479.431	4578.52			ESR73	-8416.289	-55327.536	3432.15			
ESR46	-14209.707	-75428.948	4576.71			PSL1041	-8227.808	-54971.535	3391.16			
ESR44E	-14389.955	-75109.515	4557.04			PSL1042	-8156.491	-54575.462	3367.54			
ESR46A	-14201.648	-74936.304	4550.86			ESR75	-8332.786	-54352.758	3344.37			
PSL1011	-14213.65	-74569.838	4535.55			ESR76	-8108.284	-53721.323	3312.65			
ESR47	-14192.143	-74355.178	4528.83			ESR77	-8175.917	-53283.574	3287.67			
ESR47B	-14407.62	-73527.631	4504.27			psl1044	-8102.542	-52790.939	3239.04			
ESR48	-14164.752	-73514.609	4502.32			ESR77A	-8145.543	-52637.314	3237.06			
ESR47C	-14366.655	-72811.842	4476.53			ESR78	-8173.456	-52477.672	3223.55			
ESR49	-14132.121	-72540.642	4468.45			psl1045	-8192.599	-52381.959	3223.02			
PSL1012	-14195.161	-72138.425	4439.76			esr 79	-8063.506	-52094.542	3210.19			
PSL1013	-14082.259	-71688.939	4416.38			psl1046	-8192.914	-51732.194	3190.582			
ESR50	-13873.333	-71430.806	4401.14			esr80	-7980.056	-51763.448	3185.61			
PSL1014	-13685.408	-70542.869	4349.55			psl1047	-7978.639	-51305.926	3166.659			
PSL1015	-13369.894	-70155.199	4319.65			psl1048	-8031.781	-50945.653	3150.016			
ESR52	-13056.984	-69946.511	4300.69			psl1049	-7828.199	-50557.785	3092.001			
PSL1016	-12776.761	-69303.583	4251.56			psl1050	-7514.084	-50134.823	3049.238			
PSL1017	-12474.494	-68965.44	4218			psl1051	-7106.642	-49910.9	3022.871			
PSL1018	-12202.032	-68425.739	4182.03			psl1052	-7068.208	-49558.054	3019.166			
PSL1019	-11777.433	-68170.301	4147.74			esr84	-6789.201	-49467.849	2999.07			
PSL1020	-11463.016	-67789.264	4134.52			psl1053	-6792.437	-49058.134	2986.533			
ESR55	-11224.985	-67220.281	4098.32			psl1054	-6428.121	-48700.528	2958.921			
PSL1021	-11273.827	-67143.054	4097.81			psl1055	-6381.854	-48262.486	2927.136			
ESR55A	-11076.195	-67113.727	4093.19			psl1057	-6208.641	-47197.08	2891.785			
PSL1022	-11150.833	-66727.455	4081.99			psl1056	-6065.749	-47661.051	2891.142			
ESR55B	-10986.721	-66499.678	4078.43			psl1058	-6200.066	-46570.1	2866.393			
PSL1023	-10958.706	-65795.031	4058.2			psl1059	-6336.574	-46077.129	2852.886			
PSL1024	-11048.471	-64975.612	4041.33			psl1060	-6639.965	-45566.03	2849.67			
PSL1025	-10929.114	-64628.719	4018.42			psl1061	-6740.211	-45248.062	2827.687			
PSL1026	-10538.63	-63929.935	3978.16			HALAI	0	0	346.07			