

# U-3109A SURVEY CONTROL SHEET FINAL CENTERLINE ALIGNMENTS

PROJECT REFERENCE NO. <b>U-3109A</b>	SHEET NO. <b>1C-4</b>
Location and Surveys	

L			
TYPE	STATION	NORTH	EAST
POT	6+00.00	842158.1400	1910847.5800
PC	15+81.97	843051.1159	1911256.0639
PRC	19+09.89	843351.1470	1911388.3836
PT	25+16.80	843900.2131	1911646.6249
TS	29+61.36	844295.0350	1911850.9512
SC	32+31.36	844528.4734	1911986.1390
CS	34+77.79	844708.3858	1912153.5325
ST	37+65.79	844868.6131	1912392.4926
TS	41+11.20	845046.2431	1912688.7247
SC	43+99.20	845203.6303	1912929.7132
CS	56+18.82	846269.9386	1913415.6510
ST	59+06.82	846555.0698	1913376.3267
TS	73+02.82	847929.6352	1913132.6574
SC	75+02.82	848126.9988	1913100.3787
CS	82+28.84	848850.4398	1913107.4378
ST	84+28.84	849047.1359	1913143.5616
PC	97+04.82	850298.9463	1913390.7572
PT	134+40.67	853949.8798	1912964.0137
TS	139+99.97	854458.8042	1912732.0387
SC	141+99.97	854642.1272	1912652.1401
CS	167+20.21	856924.2413	1913240.6548
ST	169+20.21	857046.0627	1913399.2444
TS	185+46.31	858015.0115	1914705.1290
SC	187+46.31	858136.3084	1914864.1302
CS	198+32.60	858977.6031	1915537.7792
ST	200+32.60	859159.2782	1915621.3764
TS	233+81.10	862219.5805	1916980.4209
SC	235+81.10	862400.6050	1917065.3695
CS	240+45.25	862775.5621	1917336.1643
ST	242+45.25	862913.1212	1917481.2973
POT	254+50.87	863724.0775	1918373.4125

RPA			
TYPE	STATION	NORTH	EAST
POT	10+00.00	844169.3897	1912331.5473
PC	12+57.24	844268.7520	1912094.2676
PT	15+14.18	844483.7646	1912016.8976

RPB			
TYPE	STATION	NORTH	EAST
PC	10+00.00	844164.8917	1910824.0941
PT	13+00.70	844227.2336	1911117.8902
PC	20+34.70	844439.7910	1911820.4394
PT	21+69.27	844517.6145	1911927.1229
POT	21+94.35	844538.2537	1911941.3679

RPD			
TYPE	STATION	NORTH	EAST
POT	10+00.00	843846.8742	1912511.2128
TS	13+09.91	843783.7716	1912207.7931
SC	14+59.91	843754.7005	1912060.6433
PRC	17+73.91	843719.5514	1911748.8222
PT	20+01.94	843612.9171	1911556.1577
POT	20+28.79	843590.9021	1911540.7960

Y2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	843077.1815	1910753.6485
PC	12+49.05	843073.1548	1911002.6635
PT	13+78.77	843044.1196	1911128.1101
POT	14+92.23	842995.9261	1911230.8178

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	842990.9973	1911228.5632
PC	11+42.16	842932.8820	1911358.2998
PT	13+59.39	842798.7832	1911526.2662

Y5A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	844950.5566	1912529.1490
POT	17+10.61	844239.9428	1912528.8073

Y5B			
TYPE	STATION	NORTH	EAST
POT	10+00.00	845370.3245	1912495.3860
POT	14+42.61	844927.7281	1912491.9408

Y5C			
TYPE	STATION	NORTH	EAST
POT	10+00.00	846154.1971	1912495.3977
POT	13+63.32	845790.8856	1912497.4448

Y6			
TYPE	STATION	NORTH	EAST
POT	10+00.00	846007.1879	1913403.7766
PC	23+55.61	845790.6182	1914741.9743
PT	26+68.33	845799.0919	1915052.7436
POT	34+85.18	845973.3373	1915850.7922

Y6A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	845578.9772	1913255.7683
PC	11+63.50	845498.5539	1913398.1170
PT	13+31.92	845473.9847	1913560.9890
PC	17+31.92	845559.2554	1913951.7944
PT	19+86.39	845603.5651	1914202.3088
PC	20+60.12	845613.5113	1914275.3694
PT	23+15.13	845779.7317	1914445.8224
POT	23+73.19	845837.0454	1914455.0979

DWY2			
TYPE	STATION	NORTH	EAST
POT	10+00.00	846093.6114	1912869.7601
PC	10+73.48	846166.3397	1912880.2534
PT	11+93.61	846285.9336	1912890.8880
POT	16+30.78	846722.8520	1912905.7870

Y7			
TYPE	STATION	NORTH	EAST
PC	10+00.00	846245.5804	1911261.2756
PT	11+32.24	846238.5185	1911393.3154
PC	14+40.48	846215.9630	1911700.7270
PT	17+07.76	846200.9344	1911967.5727
PC	18+14.42	846196.7456	1912074.1585
PT	22+32.45	846155.0955	1912489.8463
POT	31+58.27	846007.1876	1913403.7783

Y7A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	847875.3586	1913142.2790
PC	19+81.58	847886.0834	1914123.7988
PT	25+58.88	848080.5272	1914655.6333
PC	28+57.05	848270.3509	1914885.5825
PRC	33+22.67	848541.9011	1915263.3911
PT	34+61.59	848615.7334	1915381.0612
PC	34+74.67	848622.7315	1915392.1143
PT	35+22.48	848648.3721	1915432.4655

Y7B			
TYPE	STATION	NORTH	EAST
POT	10+00.00	847192.6818	1914150.5751
PC	12+28.73	847417.6318	1914191.9660
PRC	14+00.09	847585.2286	1914227.5759
PT	16+52.68	847835.9403	1914248.9730
POT	17+12.97	847896.1035	1914244.9678

Y8			
TYPE	STATION	NORTH	EAST
POT	10+00.00	847217.9589	1914638.9754
PC	13+97.77	847615.8900	1914644.2853
PCC	16+88.03	847905.9117	1914641.1445
PT	18+13.10	848028.1967	1914617.4573
POT	18+32.13	848046.0870	1914610.9740

Y9			
TYPE	STATION	NORTH	EAST
POT	10+00.00	848046.0870	1914610.9740
PC	11+10.78	848150.2431	1914573.2290
PT	11+72.83	848206.4061	1914547.0413
PC	12+09.27	848237.9401	1914528.7781
PT	14+22.47	848441.9353	1914476.8076
PC	16+77.60	848696.9793	1914483.4503
PT	18+12.72	848831.3746	1914472.3296
POT	18+61.31	848879.0729	1914463.0991

Y10			
TYPE	STATION	NORTH	EAST
PC	10+00.00	850375.2507	1916236.4445
PCC	13+29.94	850701.9086	1916194.7591
PCC	14+34.43	850802.1385	1916165.3784
PRC	15+01.68	850865.2851	1916142.2670
PT	17+85.61	851138.4702	1916066.4371
PC	21+42.44	851489.7756	1916003.9194
PT	24+54.41	851795.3596	1915941.3022
PC	27+04.41	852038.8835	1915884.7682
PRC	29+20.66	852245.2899	1915820.8751
PRC	35+59.03	852872.5115	1915774.3897
PCC	36+19.81	852931.9117	1915787.2550
PT	37+55.86	853067.2607	1915795.1181
POT	38+83.29	853194.2175	1915784.1472

Y11			
TYPE	STATION	NORTH	EAST
POT	10+00.00	852344.3092	1915787.6805
PC	10+63.05	852350.0385	1915850.4740
PT	12+21.81	852351.8798	1916009.0508
PC	17+93.87	852313.1433	1916579.7944
PRC	18+43.15	852311.0188	1916629.0312
PT	19+06.26	852308.2957	1916692.0709
POT	20+80.49	852296.4816	1916865.9004

Y13			
TYPE	STATION	NORTH	EAST
POT	10+00.00	851617.3521	1913502.3981
PC	14+68.95	851625.9764	1913971.2684
PCC	15+50.45	851632.9963	1914052.4025
PT	18+77.88	851775.6253	1914341.5421
PC	18+77.88	851775.6253	1914341.5421
PCC	20+03.81	851868.2666	1914426.7165
PT	21+80.51	852023.0253	1914509.8960
POT	23+67.96	852201.6477	1914566.7182

Y16			
TYPE	STATION	NORTH	EAST
POT	10+00.00	855062.4019	1911330.4961
PC	12+81.59	855062.0768	1911612.0886
PRC	17+15.68	855077.2714	1912045.8105
PT	27+09.66	855086.2794	1913039.1152
PC	33+47.46	855052.4562	1913676.0207
PRC	40+46.50	854984.9542	1914371.5697
PT	43+37.65	854955.5796	1914661.1527
POT	45+37.06	854943.2738	1914860.1909

Y16RPA			
TYPE	STATION	NORTH	EAST
POT	10+00.00	855058.4202	1913563.7159
PC	21+12.67	856164.6000	1913443.6950
PT	27+79.03	856756.0441	1913164.3469
POT	28+53.30	856809.1355	1913112.4072

Y17			
TYPE	STATION	NORTH	EAST
POT	10+00.00	855030.0887	1913984.4829
POT	12+95.64	855322.5540	1913941.2670

Y18			
TYPE	STATION	NORTH	EAST
POT	10+00.00	854960.8025	1914614.2144
POT	12+76.35	855233.8936	1914571.9249

Y19			
TYPE	STATION	NORTH	EAST
POT	10+00.00	858181.9803	1914919.1690
PC	13+59.78	857951.4469	1915195.3842
PT	18+89.86	857522.1102	1915495.6214
POT	18+89.86	857522.1102	1915495.6214