

# SURVEY CONTROL SHEET U-5104

## -FINAL-

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1		558268.4340	883895.0230	2163.18	10+43.73	10.18 LT
2	BL-2		558614.2020	883856.2260	2173.17	13+91.57	18.23 LT
3	BL-3		559210.1470	883843.8970	2187.66	19+86.89	14.98 RT
4	BL-4		559523.7700	883783.0560	2187.94	22+92.18	48.98 LT
5	BL-5		559900.7440	884093.7940	2179.21	27+66.02	26.58 RT
6	BL-6		560167.7620	884249.3750	2186.97	30+73.31	13.96 RT
7	BL-7		560368.0050	884375.9220	2198.59	33+10.13	19.25 RT
8	BL-8		560604.9500	884520.4910	2201.24	35+87.59	21.14 RT
9	BL-9		560866.7390	884668.1500	2205.33	38+88.04	19.69 RT
10	BL-10		561153.0390	884785.1010	2211.34	41+93.89	26.71 LT
11	BL-11		561288.6930	884868.1630	2208.75	43+52.89	25.53 LT
24	BL-24		561462.3950	885011.3440	2207.51	45+72.77	28.04 LT
25	BL-25		561567.5850	885181.8720	2196.81	47+67.32	19.85 RT

BY1	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
12	BY1-12		558174.5760	883779.8390	2158.00	OUTSIDE PROJECT LIMITS	
201	BL-1		558268.4340	883895.0230	2163.18	10+43.73	10.18 LT
13	BY1-13		558351.0820	884020.4670	2172.14	11+14.95	122.08 RT

BY2	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
14	BY2-14		558602.4030	883731.4910	2159.10	13+90.86	143.52 LT
202	BL-2		558614.2020	883856.2260	2173.17	13+91.57	18.23 LT

BY3	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
15	BY3-15		559494.1690	883674.4450	2181.71	22+51.88	150.95 LT
204	BL-4		559523.7700	883783.0560	2187.94	22+92.18	48.98 LT

BY4	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
16	BY4-16		560055.0140	883990.3780	2178.87	28+35.83	146.00 LT
205	BL-5		559900.7440	884093.7940	2179.21	27+66.02	26.58 RT
17	BY4-17		559857.9010	884184.6220	2175.86	27+82.62	125.56 RT

BY5	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
18	BY5-18		560710.5080	884407.2510	2195.58	36+21.36	130.02 LT
208	BL-8		560604.9500	884520.4910	2201.24	35+87.59	21.14 RT
19	BY5-19		560579.7470	884628.5590	2204.95	36+20.29	127.02 RT

BY6	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
20	BY6-20		560963.7430	884525.4550	2198.96	38+99.00	152.50 LT
209	BL-9		560866.7390	884668.1500	2205.33	38+88.04	19.69 RT
21	BY6-21		560791.8610	884795.1860	2218.35	38+87.86	167.15 RT

BY7	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
22	BY7-22		561222.3690	884690.1640	2212.25	42+04.46	143.79 LT
210	BL-10		561153.0390	884785.1010	2211.34	41+93.89	26.71 LT
23	BY7-23		561128.9490	884951.5660	2215.90	42+59.12	128.36 RT

BY8	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
26	BY8-26		561500.9330	884931.8920	2216.47	45+44.56	111.71 LT
224	BL-24		561462.3950	885011.3440	2207.51	45+72.77	28.04 LT
27	BY8-27		561356.6180	885111.2840	2203.88	45+67.38	117.39 RT

.....  
 BM1 ELEVATION = 2162.02  
 N 558163 E 883888  
 L STATION 10+00.00  
 S 18°41'37.02" W DIST 66.09  
 CHISELED SQUARE IN CONC CURB  
 .....  
 BM2 ELEVATION = 2190.17  
 N 559036 E 883802  
 L STATION 18+15.00 36 LEFT  
 EIGHT INCH SPIKE SET IN BASE OF SIXTEEN  
 INCH SPRUCE PINE  
 .....  
 BM3 ELEVATION = 2186.92  
 N 559731 E 883957  
 L STATION 25+50.00 19 RIGHT  
 CHISELED SQUARE IN EDGE OF CONC SIDEWALK  
 .....  
 BM4 ELEVATION = 2193.63  
 N 560713 E 884343  
 L STATION 35+90.00 187 LEFT  
 CHISELED SQUARE IN EDGE OF CONC SIDEWALK  
 .....  
 BM5 ELEVATION = 2207.89  
 N 561432 E 884981  
 L STATION 45+29.00 28 LEFT  
 CHISELED SQUARE IN CONC SIDEWALK  
 .....

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "TRIANGLE" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 558408.4100(+) EASTING: 884066.6800(+) ELEVATION: 2176.78(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9997257 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "TRIANGLE" TO L- STATION 10+00.00 IS S 40°48'01.71" W 241.26' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

-FINAL- ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+21.17	-30.00	558343.8219	883868.4297
L	13+85.59	-30.00	558607.1975	883845.0319
L	14+26.63	-30.00	558648.0770	883841.4002
L	16+37.21	-30.00	558857.8386	883822.7654
L	16+46.22	-30.00	558866.8047	883821.9689
L	17+04.77	-30.00	558925.1271	883816.7876
L	18+40.01	-30.00	559061.0313	883807.0266
L	20+04.36	-30.00	559225.1269	883798.0262
L	20+04.36	-25.00	559225.4608	883803.0154
L	24+62.82	-30.00	559687.0807	883866.6427
L	25+32.05	-30.00	559747.5722	883907.6532
L	26+14.56	-30.00	559812.7181	883958.2892
L	27+79.74	-30.00	559944.4481	884055.3313
L	28+23.20	-41.64	559986.4488	884070.0882
L	28+34.00	-30.00	559988.7874	884085.7065
L	29+96.91	-30.00	560124.9306	884172.3371
L	32+06.77	-30.00	560304.7942	884280.4567
L	32+06.77	-29.00	560304.2790	884281.3138
L	32+22.89	-29.00	560318.0951	884289.6190
L	32+22.89	-30.00	560318.6103	884288.7619
L	35+64.46	-30.00	560611.3536	884464.7358
L	35+86.62	-41.46	560636.1160	884466.1926
L	36+27.06	-41.15	560670.5028	884486.8146
L	36+38.30	-30.00	560674.5394	884502.0594
L	37+49.75	-30.00	560770.9596	884556.5321
L	38+86.00	-30.00	560890.1531	884624.2775
L	38+91.09	-37.00	560898.1188	884620.8409
L	39+44.00	26.26	560911.3487	884702.3168
L	39+44.00	39.50	560904.5538	884713.6857
L	39+31.01	39.41	560893.4484	884706.9472
L	38+90.73	43.10	560857.1729	884689.6889
L	38+75.50	30.00	560850.7648	884670.7404
L	37+49.75	30.00	560742.0551	884609.1109
L	36+35.00	30.00	560641.5472	884552.2832
L	36+25.97	58.00	560619.5824	884571.8923
L	35+86.49	34.00	560597.4265	884530.9776
L	35+64.46	30.00	560580.4415	884516.1600
L	29+96.91	30.00	560294.0195	884223.7612
L	28+27.00	30.00	559949.4481	884131.5408
L	28+27.00	36.00	559946.0804	884136.5119
L	28+07.53	35.50	559930.0875	884125.0271
L	27+66.68	38.00	559894.7158	884103.5163
L	27+60.00	30.00	559893.8076	884093.8878
L	26+14.56	30.00	559775.8967	884005.6620
L	25+32.05	30.00	559710.7507	883955.8259
L	21+50.68	30.00	559374.5165	883849.9225
L	18+40.01	30.00	559064.3173	883866.9366
L	17+04.77	30.00	558930.4364	883876.5522
L	11+21.17	29.91	558349.1160	883929.1010

PUE

-FINAL- ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+22.18	-49.36	558641.9360	883822.5070
L	17+67.73	-45.59	558987.2228	883796.1295
L	17+80.35	-51.06	558999.5667	883789.7590
L	18+12.81	-29.92	559033.6729	883808.6982
L	22+73.05	-138.00	559518.7548	883691.3897
L	22+77.59	-148.29	559526.2592	883682.2983
L	23+22.73	-83.54	559565.3235	883757.6357
L	23+77.71	-57.37	559616.1871	883801.9983
L	24+88.51	-47.76	559719.8643	883866.0709
L	27+82.52	-44.73	559955.1208	884044.8142
L	38+38.50	-30.00	560848.8205	884600.2772
L	38+91.18	-58.33	560909.0220	884602.5080
L	39+30.83	-44.56	560936.3724	884634.7733
L	39+40.68	-44.81	560944.9604	884639.6115
L	39+42.86	-30.00	560939.2322	884653.4449
L	41+56.10	-30.00	561122.2700	884762.8426
L	41+95.84	-38.23	561160.6370	884776.2261
L	37+84.38	30.00	560772.1545	884625.7993
L	37+45.39	54.82	560726.2407	884628.7329
L	36+47.17	46.77	560643.7485	884572.9440
L	36+25.90	65.15	560615.9139	884578.0351
L	35+86.47	45.78	560591.3845	884541.0949
L	29+35.61	44.41	560233.6348	884203.5852
L	29+16.12	50.37	560213.7266	884198.0536
L	28+82.93	30.00	559996.4898	884162.7443
L	27+63.37	54.93	559882.2174	884115.4213
L	27+53.00	55.00	559873.5699	884109.3870
L	27+38.44	52.42	559863.0168	884098.6918
L	27+37.25	30.00	559875.1039	884079.7666
L	22+56.55	30.00	559474.1674	883854.3623
L	22+32.43	38.52	559450.7351	883860.0847
L	19+87.94	44.80	559212.8287	883873.6092
L	19+37.27	31.85	559161.5259	883863.4553
L	19+25.35	44.73	559150.3344	883876.9747
L	18+99.10	51.34	559124.4846	883885.0054
L	18+67.72	30.00	559091.9799	883865.4193
L	14+48.28	29.96	558674.9512	883899.2075
L	14+55.42	58.21	558684.5584	883926.7151
L	14+36.08	63.34	558665.7566	883933.5333
L	14+27.33	29.96	558654.0879	883901.0575
L	12+91.88	29.93	558519.1595	883913.0223
L	12+54.54	51.20	558483.8514	883937.5143
L	10+95.53	44.98	558324.9172	883945.3882

NOTE: DRAWING NOT TO SCALE

-L- FINAL

TYPE	STATION	NORTH	EAST
POT	10+00.00	558225.7790	883909.0345
PC	17+04.77	558927.7817	883846.6699
PT	18+40.01	559062.6743	883836.9816
PC	21+50.68	559372.8735	883819.9675
PT	25+32.05	559729.1614	883931.3395
PC	26+14.56	559794.3074	883981.9756
PT	29+96.91	560109.4745	884198.0491
PC	35+64.46	560595.8976	884490.4479
PRC	37+49.75	560756.5074	884582.8215
PT	39+22.88	560906.6918	884668.9461
PC	41+56.10	561106.8791	884788.5937