

SURVEY CONTROL SHEET

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
5	BL-5	560397.5710	1395300.3440	670.44	95-08.32	7935.71 RT
6	BL-6	560942.5860	1395433.8060	687.50	13-93.57	38.61 RT
7	BL-7	561549.0820	1395456.1290	694.87	19-90.24	43.88 RT
8	BL-8	561776.1890	1395425.3590	695.47	22-19.40	40.75 RT
2	U3633-2	562337.2300	1395289.4640	689.12	27-02.39	58.02 LT
9	BL-9	562625.6830	1395437.6960	689.44	30-92.39	25.50 RT
10	BL-10	563222.3620	1395577.3550	660.28	36-99.84	62.66 LT
11	BL-11	563657.5480	1395819.8480	662.23	41-93.06	1.62 RT
12	BL-12	563933.1220	1395874.7130	650.81	44-70.18	49.37 LT
13	BL-13	564387.9160	1396105.6860	617.68	49-78.16	3.05 LT
14	BL-14	564744.2370	1396243.3920	609.84	53-60.14	6.94 LT
15	BL-15	565163.2230	1396381.8480	618.59	57-97.91	38.57 LT
47	USGS 1949 RESET	565272.7730	1396434.0140	623.51	59-16.62	43.35 LT
16	BL-16	565446.6100	1396549.6610	627.63	61-21.01	39.55 LT
17	BL-17	565843.1440	1397040.4640	647.09	67-46.84	33.36 RT
18	BL-18	566267.5970	1397473.0800	672.10	73-44.98	42.72 LT
3	U3633-3	566377.6880	1397749.2900	674.90	76-35.73	32.38 LT
19	BL-19	566502.9220	1398397.4780	651.61	82-91.93	27.56 RT
4	U3633-4	566687.3860	1399072.0340	624.08	89-09.77	36.84 RT
20	BL-20	567030.2580	1399473.6460	626.32	95-08.32	20.93 RT

BY POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
21	BY-21	568767.2200	1394240.8290	726.25	OUTSIDE PROJECT LIMITS	
22	BY-22	568913.5190	1394444.3260	720.06		19.55 RT
23	BY-23	561203.5970	1394658.7320	712.55	15-66.20	27.17 LT
24	BY-24	561407.8380	1394903.7480	706.95	18-78.25	33.09 LT
E07	BL-7	561549.0820	1395456.1290	694.87	24-40.62	40.84 LT
25	BY-25	561505.5080	1396119.7930	677.25	31-03.01	19.07 RT

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
E08	BL-8	561776.1890	1395425.3590	695.47	10-56.76	26.67 RT
26	BY1-26	561908.4570	1395729.5240	699.56	13-91.78	6.61 RT

BY2 POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
E024	BY-24	561407.8380	1394903.7480	706.95	10-06.76	32.91 RT
1	U3633-1	561535.8700	1394911.7570	704.37	12-00.50	26.19 LT
27	BY2-27	561908.6890	1395122.1820	696.89	16-28.10	23.03 RT
E02	U3633-2	562337.2300	1395289.4640	689.12	OUTSIDE PROJECT LIMITS	

BY4 POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
E09	BL-9	562625.6830	1395437.6960	689.44	10-23.67	39.45 RT
28	BY4-28	562603.3930	1395793.5510	662.25	13-76.65	11.22 RT

BY5 POINT	DESC.	NORTH	EAST	ELEVATION	Y5 STATION	OFFSET
29	BY5-29	563377.0310	1394980.2080	697.48	OUTSIDE PROJECT LIMITS	
30	BY5-30	563270.2720	1395385.3660	680.03	14-27.23	13.09 LT
E010	BL-10	563222.3620	1395577.3550	660.28	16-24.15	32.52 LT
31	BY5-31	562977.0360	1395992.9630	665.61	21-03.10	16.78 LT

BY6 POINT	DESC.	NORTH	EAST	ELEVATION	Y6 STATION	OFFSET
E011	BL-11	563657.5480	1395819.8480	662.23	10-26.38	35.20 RT
32	BY6-32	563486.3280	1396016.8950	638.03	12-79.08	14.74 RT
33	BY6-33	563446.3560	1396318.3420	648.79	15-77.72	15.78 LT

BY7 POINT	DESC.	NORTH	EAST	ELEVATION	Y7 STATION	OFFSET
34	BY7-34	564095.2940	1395381.2180	686.78	12-20.95	22.89 RT
E012	BL-12	563933.1220	1395874.7130	650.81	17-38.34	23.38 LT

BY8 POINT	DESC.	NORTH	EAST	ELEVATION	Y8/Y9 STATION	OFFSET
36	BY9-36	565605.1020	1396385.3590	625.17	Y9 10-02.38	12.86 LT
E016	BL-16	565446.6100	1396549.6610	627.63	Y9 12-27.83	23.03 RT
35	BY8-35	565286.0250	1396783.9600	622.54	Y8 12-53.94	25.27 LT

BY10 POINT	DESC.	NORTH	EAST	ELEVATION	Y10 STATION	OFFSET
E017	BL-17	565843.1440	1397040.4640	647.09	10-40.36	35.45 LT
37	BY10-37	565631.3120	1397245.6210	651.83	13-32.75	10.55 RT

BY11 POINT	DESC.	NORTH	EAST	ELEVATION	Y11 STATION	OFFSET
48	MADORA	566623.6010	1395742.4640	654.06	OUTSIDE PROJECT LIMITS	
38	BY11-38	566795.3500	1396889.1030	676.36	10-11.36	24.12 LT
39	BY11-39	566498.9060	1397154.6060	675.17	14-07.11	18.90 RT
E018	BL-18	566267.5970	1397473.0800	672.10	17-96.20	41.42 LT
40	BY11-40	565686.2720	1397631.4590	668.26	23-06.93	28.33 RT

BY12 POINT	DESC.	NORTH	EAST	ELEVATION	Y12 STATION	OFFSET
41	BY12-41	567034.3570	1398096.7270	638.60	OUTSIDE PROJECT LIMITS	
42	BY12-42	566704.0710	1397875.3870	657.91	15-22.59	18.87 LT
E03	U3633-3	566377.6880	1397749.2900	674.90	12-16.39	95.32 LT
46	BY12-46	566198.8050	1397989.4640	674.88	OUTSIDE PROJECT LIMITS	

BY13 POINT	DESC.	NORTH	EAST	ELEVATION	Y13 STATION	OFFSET
43	BY13-43	561051.4090	1394264.9530	733.23	OUTSIDE PROJECT LIMITS	
E022	BY-22	560913.5190	1394444.3260	720.06	OUTSIDE PROJECT LIMITS	

BY14 POINT	DESC.	NORTH	EAST	ELEVATION	Y14A STATION	OFFSET
44	BY14-44	561287.5870	1394494.2120	723.23	10-27.31	15.43 RT
E023	BY-23	561203.5970	1394658.7320	712.55	12-09.20	16.80 LT

BY15 POINT	DESC.	NORTH	EAST	ELEVATION	Y15 STATION	OFFSET
45	BY15-45	561584.4640	1394646.7920	707.59	10-04.33	13.19 RT
E024	BY-24	561407.8380	1394903.7480	706.95	OUTSIDE PROJECT LIMITS	

BM1	ELEVATION - 689.01
N 561001	E 1395502
L STATION 14-61 95 RIGHT	
RR SPIKE IN 15' SWEET GUM	
.....	
BM2	ELEVATION - 699.74
N 561770	E 1395491
L STATION 22-05 105 RIGHT	
RR SPIKE IN 24' OAK	
.....	
BM3	ELEVATION - 671.08
N 562662	E 1395290
L STATION 30-81 125 LEFT	
RR SPIKE IN 16' OAK	
.....	
BM4	ELEVATION - 651.54
N 563454	E 1395841
L STATION 40-12 97 RIGHT	
RR SPIKE IN 20' OAK	
.....	
BM5	ELEVATION - 599.61
N 564465	E 1396322
L STATION 51-38 169 RIGHT	
RR SPIKE IN 22' OAK	
.....	
BM6	ELEVATION - 633.32
N 565530	E 1396505
Y9 STATION 11-44 19 LEFT	
RR SPIKE IN 30' OAK	
.....	
BM7	ELEVATION - 669.40
N 565973	E 1397520
Y11 STATION 20-78 56 RIGHT	
RR SPIKE IN 10' MAPLE	
.....	
BM8	ELEVATION - 674.36
N 566154	E 1398023
L STATION 78-36 260 RIGHT	
RR SPIKE IN 12' OAK	
.....	
BM9	ELEVATION - 649.05
N 566519	E 1398751
L STATION 86-36 109 RIGHT	
RR SPIKE IN 27' OAK	
.....	
BM10	ELEVATION - 619.71
N 566913	E 1399498
L STATION 94-31 106 RIGHT	
RR SPIKE IN 32' OAK	
.....	
BM11	ELEVATION - 709.83
N 561080	E 1394635
Y STATION 14-61 41 RIGHT	
RR SPIKE IN 28' OAK	
.....	
BM12	ELEVATION - 689.57
N 561547	E 1398878
Y STATION 28-62 28 LEFT	
RR SPIKE IN POWER POLE	
.....	
BM13	ELEVATION - 697.44
N 563324	E 1395084
Y5 STATION 10-00	
S 66°26'30.7" W DIST 54.71	
RR SPIKE IN 20' OAK	
.....	
BM14	ELEVATION - 676.08
N 566674	E 1397038
Y11 STATION 12-03 31 LEFT	
RR SPIKE IN 28' OAK	
.....	
BM15	ELEVATION - 660.66
N 566764	E 1398047
Y12 STATION 16-68 98 RIGHT	
RR SPIKE IN 30' OAK	
.....	

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NGS FOR MONUMENT "MADORA" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 566623.601(FT) EASTING: 1395742.464(FT) ELEVATION: 654.06(FT)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999846

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "MADORA" TO -L- STATION 19+51.40 PT IS S 3°38'08.0" W 5128.693'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

SEE SHEET 1C-1 FOR NOTES.

2/20/15

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