

5/14/09

SURVEY CONTROL SHEET W-5516

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	15+00.00	-24.88	653158.4691	1527204.1049
L	17+00.00	-45.00	653159.3697	1527355.4461
L	18+50.42	-55.00	653150.1756	1527505.9175
L	18+90.00	45.00	653046.2356	1527533.3835
L	21+00.00	40.00	653039.1127	1527747.6037
L	21+05.00	-40.00	653119.0928	1527752.9109
L	21+50.00	55.00	653024.4820	1527798.8731
L	22+65.00	65.00	653020.1330	1527917.5815
L	24+00.00	-70.00	653168.9121	1528036.9278
L	24+75.00	30.00	653082.0706	1528126.2015
L	24+85.00	-60.00	653172.3856	1528119.7458
L	25+65.00	-30.00	653158.8013	1528202.4205
L	27+24.22	30.00	653142.1060	1528371.6968
L	27+24.22	-30.00	653199.4098	1528353.9126
L	28+45.00	30.00	653177.9051	1528487.0476
L	29+50.00	-30.00	653266.3313	1528569.5450
L	30+00.00	60.00	653195.1958	1528643.9745
L	31+45.00	-115.00	653405.3103	1528730.5880
L	31+50.00	135.00	653168.0266	1528809.4642
L	32+05.00	-120.00	653428.2654	1528788.6635
L	34+65.00	30.00	653333.5818	1529080.0463
L	34+65.00	-30.00	653393.2280	1529073.5395
L	35+70.00	-30.00	653401.1083	1529180.3272
L	36+00.00	30.00	653341.9957	1529212.0337
L	37+10.00	100.00	653272.5873	1529321.8658
L	37+14.00	-90.00	653462.6016	1529325.1169
L	39+35.00	40.00	653333.4736	1529546.6276
L	39+40.00	-40.00	653413.4927	1529551.3122
L	40+00.00	50.00	653323.7299	1529611.6665
L	40+00.00	-45.00	653418.7292	1529611.2920
L	41+30.00	-50.00	653424.2415	1529741.2713
L	41+50.00	45.00	653329.3211	1529761.6456
L	43+00.00	38.00	653336.9122	1529911.6168
L	43+45.00	55.00	653320.0897	1529956.6835
L	43+75.00	-60.00	653435.2071	1529986.2300
L	43+75.00	55.00	653320.2080	1529986.6833
L	44+75.00	30.00	653345.6019	1530086.5840
L	46+00.00	-30.00	653406.0941	1530211.3465
L	50+50.00	30.00	653347.8682	1530661.5795
L	51+40.00	-30.00	653408.2225	1530751.3423
L	56+00.00	110.00	653270.0366	1531211.8906
L	56+60.00	-120.00	653500.2713	1531270.9835
L	58+95.00	140.00	653241.1996	1531507.0065
L	59+10.00	110.00	653271.2584	1531521.8881
L	60+31.91	110.00	653271.7389	1531643.7937
L	60+35.43	-120.00	653501.7510	1531646.4067
L	63+86.15	75.00	653308.1349	1531997.8948
L	64+05.02	-75.00	653458.2081	1532016.1783
L	68+00.00	75.00	653309.7660	1532411.7433
L	68+00.00	-75.00	653459.7648	1532411.1521
L	73+00.00	-30.00	653416.7359	1532911.3256

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	73+00.00	30.00	653356.7364	1532911.5620
L	77+10.00	30.00	653358.3523	1533321.5589
L	77+20.00	-30.00	653418.3913	1533331.3223
L	79+15.00	75.00	653314.1607	1533526.7346
L	79+15.00	-75.00	653464.1595	1533526.1434
L	79+45.00	-75.00	653464.2777	1533556.1432
L	79+45.00	75.00	653314.2789	1533556.7344
L	81+90.00	-30.00	653420.2437	1533801.3186
L	82+00.00	30.00	653360.2836	1533811.5551
L	82+62.00	-30.00	653420.5275	1533873.3181
L	82+90.00	30.00	653360.6383	1533901.5543
L	83+35.00	40.00	653350.8158	1533946.5934
L	84+00.00	-70.00	653461.0711	1534011.1593
L	84+75.00	30.00	653361.3675	1534086.5529
L	85+10.00	-30.00	653421.5050	1534121.3161
L	85+65.00	-30.00	653421.7218	1534176.3157
L	87+50.00	-85.00	653477.4505	1534361.0975
L	87+50.00	75.00	653317.4517	1534361.7281
L	88+50.00	45.00	653347.8456	1534461.6091
L	89+45.00	100.00	653293.2205	1534556.8251
L	90+00.00	80.00	653313.4371	1534611.7459
L	90+15.00	-85.00	653478.4950	1534626.0954
L	90+50.00	85.00	653308.6342	1534661.7652
L	91+65.00	-65.00	653459.0863	1534776.1731
L	92+50.00	75.00	653319.4224	1534861.7242
L	92+65.00	-80.00	653474.4803	1534876.1132
L	94+05.00	40.00	653355.0331	1535016.5851
L	94+75.00	-35.00	653430.3084	1535086.2889
L	96+10.00	-60.00	653455.8403	1535221.1893
L	96+53.00	70.00	653326.0108	1535264.7014
L	98+00.00	-35.00	653431.5893	1535411.2864
L	98+00.00	35.00	653361.5899	1535411.5623
L	99+04.00	75.00	653322.0001	1535515.7191
L	99+30.00	-65.00	653462.1015	1535541.1671
L	102+45.00	-30.00	653428.3433	1535856.3026
L	102+50.00	30.00	653368.3635	1535861.5391
L	105+00.00	30.00	653369.3488	1536111.5372
L	105+00.00	-30.00	653429.3484	1536111.3007
L	106+30.00	-55.00	653454.8605	1536241.2011
L	107+90.00	-70.00	653470.4911	1536401.1408
L	108+00.00	70.00	653330.5316	1536411.6925
L	109+50.00	70.00	653331.1228	1536561.6913
L	110+10.00	-70.00	653471.3582	1536621.1391
L	111+00.00	30.00	653371.7137	1536711.5325
L	112+00.00	-30.00	653432.1073	1536811.2953
L	118+50.00	30.00	653374.6697	1537461.5267
L	118+50.00	-30.00	653434.6692	1537461.2902
L	122+45.00	30.00	653376.2266	1537856.5236
L	123+90.00	-30.00	653436.7976	1538001.2860
L	124+05.00	-50.00	653456.8566	1538016.2070
L	124+05.00	40.00	653366.8573	1538016.5618

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	124+45.00	-30.00	653437.0144	1538056.2856
L	125+84.38	-30.00	653437.5637	1538195.6606
L	126+50.00	30.00	653375.5023	1538259.2859
L	127+50.00	-30.00	653422.5314	1538365.9015
L	128+00.00	-40.00	653421.5940	1538418.7841
L	128+50.00	30.00	653340.9449	1538449.1016
L	129+40.00	45.00	653297.9788	1538525.3329
L	129+65.00	-45.00	653370.8349	1538583.7742
L	130+85.00	30.00	653248.2161	1538655.7741
L	137+00.00	30.00	652793.7280	1539020.9186
L	137+45.00	40.00	652749.4948	1539024.5975
L	138+42.17	30.00	652660.9227	1539055.7041
L	140+14.21	29.12	652491.7319	1539086.8945

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	13+00.00	-29.19	653257.9508	1527455.9349
Y1	13+00.21	39.90	653176.1634	1527388.2019
Y1	13+00.21	-30.00	653100.7628	1527457.9548
Y1	15+60.00	-30.00	653010.8137	1527488.5665
Y1	16+25.00	-23.47	652949.2939	1527502.8181

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y2	15+05.00	-30.10	653457.3174	1529699.3058
Y2	15+18.97	29.92	653437.9144	1529640.8100
Y2	16+52.86	30.15	653304.5680	1529652.8158
Y2	16+65.00	-29.82	653297.9617	1529713.6533

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y3	13+01.82	29.98	653867.2996	1538879.3504
Y3	13+50.00	30.00	653822.3326	1538890.9436
Y3	18+50.00	30.00	653348.9259	1538854.7320

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "I3802-12" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 641735.246(ft) EASTING: 1535065.380(ft) ELEVATION: 708.81'(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99985319 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "I3802-12" TO -L- STATION 10+00.00 IS N 36°15'40.36" W 14,215.88' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

NOTES:

- THE SITE CALIBRATION SHOWN IS BASED UPON A NETWORK TIED TO THE NCGS CORS (CONTINUOUSLY OPERATING REFERENCE NETWORK) NAD 83/2007 ADJUSTMENT. THIS CALIBRATION WILL ALLOW THE END USER TO WORK WITHIN THE SAME COORDINATE SYSTEM WHEN USING RTK (REAL TIME KINEMATIC) GPS AND A LOCAL BASE STATION. IF ANOTHER SYSTEM SUCH AS VRS (VIRTUAL REFERENCE STATION) IS USED, ADDITIONAL FIELD TIES MAY BE NEEDED TO REDUCE POSSIBLE ERRORS, OR BIASES.
- ▲ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM. NETWORK ESTABLISHED FROM NCGS REAL TIME NETWORK SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

6/25/2009
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