

SURVEY CONTROL SHEET W-5516

DESIGN ALIGNMENTS

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	653203.6797	1526655.4020
PC	18+50.42	653095.6213	1527498.9296
PT	27+24.22	653170.7579	1528362.8047
PC	31+76.60	653304.8458	1528794.8589
PT	36+22.08	653372.2400	1529233.5521
PC	125+84.38	653407.5639	1538195.7789
PT	138+42.17	652666.2107	1539085.2344
PC	140+14.21	652496.8649	1539115.5592
PCC	142+10.45	652309.5281	1539172.4820
PT	143+77.20	652159.6873	1539245.5396
POT	145+61.23	651997.7060	1539332.8819

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	653557.7645	1527453.1995
PC	12+53.30	653305.5552	1527429.7282
PT	16+66.31	652902.6830	1527496.9521
POT	19+65.72	652629.7224	1527619.9872

Y3			
TYPE	STATION	NORTH	EAST
PC	10+00.00	654165.4451	1538823.8655
PT	11+39.59	654031.4709	1538863.0672
PC	13+01.82	653875.6319	1538908.1519
PT	20+30.15	653178.7983	1538798.8708

Y			
TYPE	STATION	NORTH	EAST
POT	17+86.28	656005.7918	1532054.5187
PC	19+83.74	655810.3561	1532026.2902
PCC	31+79.94	654624.3373	1531870.7970
PCC	57+36.20	652073.2127	1531849.1728
PCC	77+64.45	650065.6055	1532133.9209
PT	103+60.52	647545.5996	1532751.4591


Y2			
TYPE	STATION	NORTH	EAST
PC	10+00.00	653958.7400	1529659.3777
PCC	11+96.51	653762.3845	1529652.0723
PT	14+05.90	653553.2479	1529660.2712
PC	16+91.59	653268.7574	1529686.3841
PT	17+79.63	653181.0737	1529694.2982
POT	21+08.01	652853.9829	1529723.3201

Y3A			
TYPE	STATION	NORTH	EAST
POT	10+00.00	653496.3271	1538927.7469
PC	10+22.86	653492.2714	1538950.2409
PCC	11+44.95	653410.9180	1539031.0309
PT	13+19.26	653238.0487	1539052.8525

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.