

SURVEY CONTROL SHEET W-5516

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
2	W5516-2	653107.6560	1527440.7200	773.35	17+88.60	15.59 LT
10	BL-10	652921.9650	1527777.9630	767.05	21+25.82	149.57 RT
11	BL-11	652993.4880	1528247.0490	759.88	25+69.73	139.24 RT
12	BL-12	653035.1640	1528563.7050	742.53	28+75.90	189.05 RT
13	BL-13	653085.9080	1528919.5640	693.91	32+41.41	244.89 RT
14	BL-14	653016.9460	1529202.1860	696.49	35+79.16	354.70 RT
15	BL-15	652948.2010	1529561.2140	728.31	39+48.07	425.33 RT
16	BL-16	653028.7340	1530078.7830	728.88	44+65.95	346.83 RT
17	BL-17	652989.7800	1530628.4450	718.30	50+15.45	387.95 RT
18	BL-18	652983.3140	1531133.5240	694.70	55+20.50	396.41 RT
19	BL-19	653099.3760	1531513.1050	661.74	59+00.54	281.85 RT
I15	I3802-15	653192.7790	1531803.8290	669.32	61+91.63	189.59 RT
20	BL-20	653118.3820	1531945.6920	699.96	63+33.20	264.55 RT
21	BL-21	653081.3140	1532310.1470	728.32	66+97.50	303.05 RT
22	BL-22	653096.6230	1532585.2140	737.13	69+72.63	288.83 RT
23	BL-23	653103.5090	1533075.4970	752.05	74+62.94	283.87 RT
24	BL-24	653097.4480	1533498.3000	793.69	78+85.71	291.60 RT
25	BL-25	653066.4040	1533816.6490	794.30	82+03.94	323.90 RT
26	BL-26	653101.0030	1534316.4370	801.96	87+03.86	291.27 RT
27	BL-27	653102.9380	1534572.2230	794.80	89+59.65	290.34 RT
28	BL-28	653111.5310	1535070.5520	796.92	94+58.01	283.71 RT
29	BL-29	653112.7990	1535474.3400	751.04	98+61.80	284.04 RT
30	BL-30	653114.9310	1535864.0360	765.88	102+51.50	283.44 RT
31	BL-31	653115.3570	1536142.4240	761.93	105+29.89	284.11 RT
32	BL-32	653114.8290	1536443.1380	744.48	108+30.60	285.82 RT
33	BL-33	653126.1570	1536709.1140	767.59	110+96.61	275.55 RT
34	BL-34	653144.9560	1537193.4380	785.86	115+81.01	258.66 RT
35	BL-35	653108.9610	1537631.9700	790.59	120+19.39	296.38 RT
36	BL-36	653110.6100	1538183.8360	803.18	125+71.26	296.90 RT
37	BL-37	653112.2260	1538516.3240	794.69	130+22.51	217.29 RT
38	BL-38	653101.4460	1538788.5990	811.61	132+91.28	63.38 RT
39	BL-39	653104.4040	1539087.0080	813.37	134+68.91	169.67 LT

BY POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
40	BY-40	653159.6528	1526878.6399	777.84	12+24.62	8.23 RT
2	W5516-2	653107.6560	1527440.7200	773.35	17+88.60	15.59 LT
41	BY-41	652430.7687	1527691.4144	773.49	20+52.16	640.60 RT

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
1	W5516-1	654020.9020	1527481.1430	755.86	OUTSIDE PROJECT LIMITS	
2	W5516-2	653107.6560	1527440.7200	773.35	15+13.08	4.23 RT

BY2 POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
42	BY-42	653588.8039	1529678.1368	756.70	19+72.86	20.33 RT
43	BY-43	653131.3881	1529714.7648	740.20	15+13.52	16.05 RT
44	BY-44	652413.8694	1529748.4721	694.15	OUTSIDE PROJECT LIMITS	

BY3 POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
I16	I3802-16	654370.7340	1531857.2580	672.72	62+49.70	988.15 LT
I15	I3802-15	653192.7790	1531803.8290	669.32	61+91.63	189.59 RT
I89	I3802 BL-89	652401.5790	1531829.5100	666.35	62+14.19	980.89 RT

BY4 POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
45	BY-45	653960.2967	1538912.9100	813.61	18+12.79	30.19 RT
39	BL-39	653104.4040	1539087.0080	813.37	10+81.88	281.68 RT

BY4 POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
3	W5516-3	652396.2650	1539110.9250	815.32	141+09.87	27.91 RT
4	W5516-4	651818.7160	1539462.4010	819.85	OUTSIDE PROJECT LIMITS	

BENCH MARKS (NAVD88)

BM1 ELEVATION = 764.18'

N 653725 E 1527528

CHISELED SQUARE IN THE NORTHWEST

CORNER OF A CONCRETE SIGN PAD FOR

HIGHEST PRAISE FAMILY WORSHIP CENTER

L STATION 17+92 639' LEFT

BM2 ELEVATION = 732.72'

N 652391 E 1532806

RAIL ROAD SPIKE IN THE NORTHWEST

ROOT OF A 6" OAK

L STATION 71+91 995' RIGHT

BM3 ELEVATION = 803.35'

N 654035 E 1538657

RAIL ROAD SPIKE IN THE NORTHEAST

ROOT OF A 36" MAPLE

L STATION 128+50 695' LEFT

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 WORKWITHIN 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.