

SURVEY CONTROL SHEET

-Final-

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NGS FOR MONUMENT "P222"
 WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
 NORTHING: 564112.540(ft) EASTING: 1347033.150(ft)
 ELEVATION: 727.863(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999842
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "P222" TO -Y1- STATION 11+00.00 IS
 N 2°06'45.3" E 3745.271
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

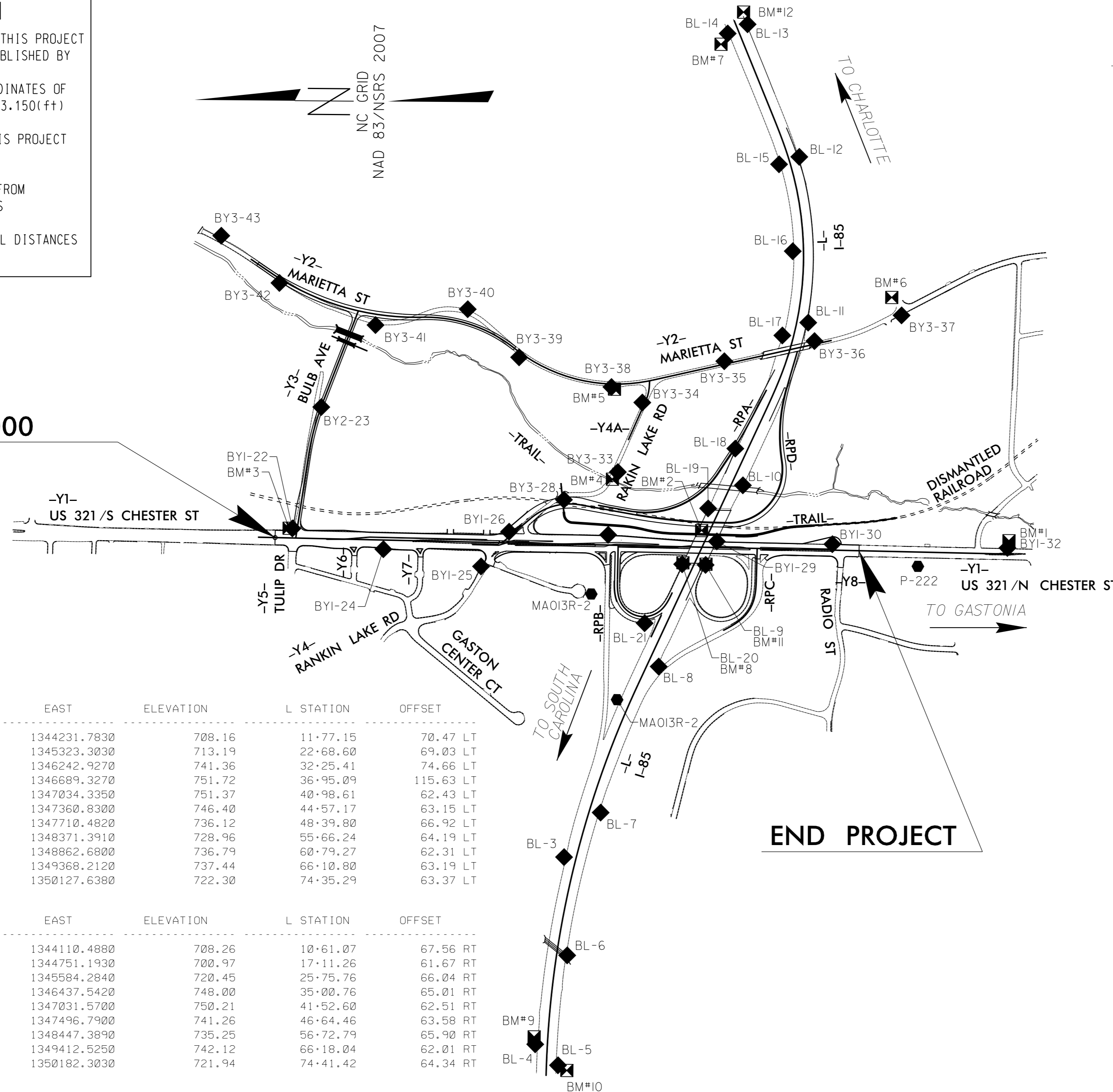
BEGIN TIP PROJECT I-5000
 -Y1- POT STA 11+00.00

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
4	BL-4	566317.7110	1344231.7830	708.16	11+77.15	70.47 LT
3	BL-3	566158.4570	1345323.3030	713.19	22+68.60	69.03 LT
1	MA013R-1	565857.2360	1346242.9270	741.36	32+25.41	74.66 LT
21	BL-21	565700.1300	1346689.3270	751.72	36+95.09	115.63 LT
20	BL-20	565484.1930	1347034.3350	751.37	40+98.61	62.43 LT
19	BL-19	565335.9790	1347360.8300	746.40	44+57.17	63.15 LT
18	BL-18	565180.5470	1347710.4820	736.12	48+39.80	66.92 LT
17	BL-17	564911.8550	1348371.3910	728.96	55+66.24	64.19 LT
16	BL-16	564855.1580	1348862.6800	736.79	60+79.27	62.31 LT
15	BL-15	564938.8520	1349368.2120	737.44	66+10.80	63.19 LT
14	BL-14	565243.9830	1350127.6380	722.30	74+35.29	63.37 LT

BL1 POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
5	BL-5	566184.2190	1344110.4880	708.26	10+61.07	67.56 RT
6	BL-6	566135.6580	1344751.1930	700.97	17+11.26	61.67 RT
7	BL-7	565947.5250	1345584.2840	720.45	25+75.76	66.04 RT
8	BL-8	565616.4840	1346437.5420	748.00	35+00.76	65.01 RT
9	BL-9	565348.1190	1347031.5700	750.21	41+52.60	62.51 RT
10	BL-10	565134.6270	1347496.7900	741.26	46+64.46	63.58 RT
11	BL-11	564761.8740	1348447.3890	735.25	56+72.79	65.90 RT
12	BL-12	564821.5260	1349412.5250	742.12	66+18.04	62.01 RT
13	BL-13	565128.4050	1350182.3030	721.94	74+41.42	64.34 RT

BY0 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
22	BY1-22	567754.7550	1347225.1050	739.15	11+99.71	55.35 LT
24	BY1-24	567224.3270	1347108.1730	733.03	17+31.79	53.82 RT
26	BY1-26	566493.4550	1347215.8710	731.85	24+61.01	64.54 LT
27	BY1-27	565916.6540	1347202.5530	735.49	30+37.95	59.65 LT
29	BY1-29	565283.6690	1347168.9670	729.66	36+71.35	35.31 LT
30	BY1-30	564610.8920	1347158.1420	723.58	43+44.22	34.31 LT
222	P222	564112.5400	1347033.1500	727.86	48+44.34	83.39 RT
32	BY1-32	563591.7380	1347144.3030	720.15	53+63.47	35.35 LT

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
43	BY3-43	568182.4750	1348926.4590	691.09	OUTSIDE PROJECT LIMITS	
42	BY3-42	567841.5950	1348654.0110	698.56	12+15.67	22.99 RT
41	BY3-41	567280.4110	1348413.2850	710.29	18+11.98	63.05 RT
40	BY3-40	566744.3540	1348509.9270	714.35	23+21.34	80.27 LT
39	BY3-39	566442.9020	1348231.9450	722.27	27+06.26	25.68 RT
134	BY3-34	565723.9900	1347974.4380	754.65	34+29.16	117.89 RT
35	BY3-35	565248.4720	1348218.7100	764.34	39+38.11	16.79 LT
36	BY3-36	564724.5700	1348340.1720	748.77	44+75.90	17.55 LT
37	BY3-37	564218.7870	1348493.8940	730.59	OUTSIDE PROJECT LIMITS	



NOTES:

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT: [HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION](https://connect.ncdot.gov/resources/location)
 THE FILES TO BE FOUND ARE AS FOLLOWS:
 15000_LS_CONTROL.TXT
 15000_LS_LOCAL.TXT
- SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM, UTILIZING THE NCGS RTN SYSTEM (VRS).
 MONUMENTS USED OR SET FOR PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT:
 ● INDICATES GEODETIC CONTROL MONUMENTS FOR HORIZONTAL CONTROL
 ■ INDICATES BASELINE MONUMENTS FOR HORIZONTAL PROJECT CONTROL
 ✠ INDICATES BENCHMARKS FOR VERTICAL CONTROL

BM1	ELEVATION + 719.05	BM7	ELEVATION + 732.69
N 563584	E 1347187	N 565282	E 1350065
Y1 STATION 53+71 78 LEFT		L STATION 73+92 123 LEFT	
RR SPIKE IN BASE OF 15 INCH DOGWOOD		RR SPIKE IN BASE 18 INCH POPLAR	
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BM2	ELEVATION + 721.88	BM8	ELEVATION + 751.32
N 565373	E 1347232	N 565481	E 1347043
L STATION 43+25 43 LEFT		L STATION 41+08 63 LEFT	
CHISELED SQUARE IN BRIDGE PIER BASE		CHISELED SQUARE NW SIDE OF I-85 SB BRIDGE	
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BM3	ELEVATION + 739.23	BM9	ELEVATION + 706.69
N 567774	E 1347226	N 566324	E 1344275
Y1 STATION 11+00 56 LEFT		L STATION 12+19 79 LEFT	
CHISELED SQUARE CORNER OF UTILITY BOX		CHISELED SQUARE IN BASE OF CANTILEVER TRAFFIC SIGN	
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BM4	ELEVATION + 708.75	BM10	ELEVATION + 709.28
N 565895	E 1347527	N 566133	E 1344081
Y4A STATION 10+00		L STATION 10+33 120 RIGHT	
N 68°23'34.0" W DIST 245.30		RR SPIKE IN BASE OF 18 INCH OAK	
CHISELED SQUARE IN CONC BRIDGE		
WHEELGUARD		
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BM5	ELEVATION + 752.35	BM11	ELEVATION + 751.56
N 565887	E 1348051	N 565346	E 1347036
Y2 STATION 32+83 30 RIGHT		L STATION 41+58 63 RIGHT	
CHISELED SQUARE IN SW CORNER CONC BRIDGE ABUTMENT		
RR SPIKE IN BASE 24 INCH PINE		
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BM6	ELEVATION + 729.15	BM12	ELEVATION + 719.60
N 564277	E 1348598	N 565153	E 1350253
Y2 STATION 45+74.81		L STATION 74+92.39	
S 36°03'33.1" E DIST 429.60		S 41°26'47.3" E DIST 73.11	
RR SPIKE IN BASE 15 INCH OAK		CHISELED SQUARE IN CORNER CONC DROP INLET	
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BY2 POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
122	BY1-22	567754.7550	1347225.1050	739.15	10+52.19	27.58 LT
23	BY2-23	567592.3100	1347933.2580	729.44	17+78.58	1.34 RT

BY3 POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
25	BY1-25	566655.0740	1347012.3300	728.57	14+31.89	19.42 LT
26	BY1-26	566493.4550	1347215.8710	731.85	OUTSIDE PROJECT LIMITS	
28	BY3-28	566175.7940	1347404.6200	713.55	OUTSIDE PROJECT LIMITS	
33	BY3-33	565863.2670	1347568.2870	709.29	OUTSIDE PROJECT LIMITS	
34	BY3-34	565723.9900	1347974.4380	754.65	OUTSIDE PROJECT LIMITS	

BY4 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
125	BY1-25	566655.0740	1347012.3300	728.57	23+02.38	141.34 RT
2	MA013R-2	566012.4270	1346857.1430	769.70	29+47.23	287.13 RT

NOTE: DRAWING NOT TO SCALE