



SURVEY CONTROL SHEET R-3303

CONTROL DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1		BL-1	148967.4240	539877.4580	130.624	OUTSIDE PROJECT LIMITS	
2		BL-2	148859.1470	540029.9760	137.966	9+76.623	4.474 LT
3		BL-3	148779.4420	540136.8290	136.281	11+09.893	0.741 LT
4		BL-4	148720.0000	540228.0330	139.801	12+18.891	1.436 LT
5		BL-5	148667.3790	540326.9770	139.963	13+31.043	0.847 RT
6		BL-6	148635.3310	540428.3130	131.577	14+37.456	3.488 LT
7		BL-7	148619.0790	540525.8490	138.473	15+36.917	10.173 LT
8		BL-8	148594.9290	540606.2370	142.150	16+20.248	2.376 RT
9		BL-9	148585.8970	540704.3120	142.372	17+18.636	1.569 LT
10		BL-10	148569.8330	540775.4640	142.758	17+91.528	0.607 RT
11		BL-11	148539.1880	540882.0980	147.578	19+02.575	0.125 RT
12		BL-12	148512.3420	540949.0190	148.614	19+74.718	0.538 RT
13		BL-13	148476.9480	541023.8210	155.806	20+57.495	0.397 LT
14		BL-14	148410.2640	541132.4210	157.346	21+84.904	1.376 LT
15		BL-15	148327.3690	541235.5450	158.634	23+17.024	2.838 LT
16		BL-16	148186.5160	541367.2310	156.705	25+08.928	8.860 LT
17		BL-17	148065.0160	541419.4680	152.115	26+39.890	11.367 RT
18		BL-18	147735.7740	541591.7000	147.344	30+11.776	2.039 RT
19		BL-19	147629.8760	541643.5940	138.459	31+29.705	1.922 RT
20		BL-20	147518.1310	541696.1250	139.553	32+53.168	3.799 RT
21		BL-21	147412.9300	541749.2720	130.654	33+71.021	2.250 RT
22		BL-22	147324.8600	541792.7210	126.432	34+69.225	1.890 RT
23		BL-23	147171.4590	541870.8950	135.865	36+41.373	0.977 LT
24		BL-24	147055.5800	541925.7090	130.715	37+69.552	0.665 RT
25		BL-25	146956.6010	541973.7610	136.605	38+79.578	0.961 RT
26		BL-26	146893.6360	542005.1830	140.974	39+49.945	0.381 RT
27		BL-27	146828.3640	542039.1530	138.993	40+23.544	0.969 LT
28		BL-28	146750.8690	542089.0570	138.928	41+15.840	1.312 RT
29		BL-29	146663.3870	542173.7430	139.200	42+35.461	12.587 RT
30		BL-30	146617.7870	542311.6120	139.474	43+78.321	3.375 RT
31		BL-31	146607.7860	542393.4750	137.380	44+60.588	0.159 RT

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 BM 1 ELEVATION = 139.386  
 N 148846 E 540078  
 L STATION 10+24 21 LEFT  
 RR SPIKE IN BASE OF 450MM PINE  
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 BM 2 ELEVATION = 143.750  
 N 148612 E 540307  
 L STATION 13+34 60 RIGHT  
 RR SPIKE IN BASE OF 450MM PINE  
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 BM 3 ELEVATION = 159.304  
 N 148239 E 541150  
 L STATION 23+15 120 RIGHT  
 RR SPIKE IN BASE OF 250MM PINE  
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 BM 4 ELEVATION = 148.895  
 N 147745 E 541662  
 L STATION 30+34 65 LEFT  
 RR SPIKE IN BASE 375MM PINE  
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 BM 5 ELEVATION = 128.901  
 N 147408 E 541903  
 L STATION 34+43 134 LEFT  
 RR SPIKE IN BASE OF POWER POLE  
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 BM 6 ELEVATION = 133.418  
 N 146996 E 541753  
 L STATION 37+47 182 RIGHT  
 RR SPIKE IN BASE OF POWER POLE  
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 BM 7 ELEVATION = 137.255  
 N 146613 E 542209  
 L STATION 42+87 40 RIGHT  
 RR SPIKE IN BASE OF POWER POLE  
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BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y1R STATION	OFFSET
132		BL-32	148957.4490	540154.6050	144.329	OUTSIDE PROJECT LIMITS	
303		BL-3	148779.4420	540136.8290	144.327	11+77.213	11.290 LT
101		R3303-1	148625.2770	540089.5710	142.748	OUTSIDE PROJECT LIMITS	

BY1	POINT	DESC.	NORTH	EAST	ELEVATION	Y2R STATION	OFFSET
133		BY1-33	148455.7410	541355.5810	158.488	OUTSIDE PROJECT LIMITS	
315		BL-15	148327.3690	541235.5450	158.634	10+71.638	6.359 LT
134		BY1-34	148225.2280	541123.9980	158.488	OUTSIDE PROJECT LIMITS	

BY2	POINT	DESC.	NORTH	EAST	ELEVATION	Y3R STATION	OFFSET
135		BY2-35	147117.4270	542035.0250	161.315	OUTSIDE PROJECT LIMITS	
324		BL-24	147055.5800	541925.7090	130.715	11+11.790	8.144 RT
136		BY2-36	146989.7940	541780.2730	161.315	OUTSIDE PROJECT LIMITS	

BY3	POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
103		R3303-3	146745.7790	541570.8430	148.134	OUTSIDE PROJECT LIMITS	
104		R3303-4	146746.3060	541913.8800	142.678	11+50.577	26.320 RT
137		BY3-37	146681.1000	542051.1940	155.034	12+42.388	142.386 RT
138		BY3-38	146598.2610	542266.0880	158.296	OUTSIDE PROJECT LIMITS	
139		BY3-39	146495.0920	542387.5350	160.795	OUTSIDE PROJECT LIMITS	
331		BL-31	146607.7860	542393.4750	137.380	OUTSIDE PROJECT LIMITS	

NOTES  
 I. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY  
 SELECTING PROJECT CONTROL DATA AT  
[HTTP://WWW.DOH.DOT.STATE.NC.US/PRECONSTRUCTION/HIGHWAY/ LOCATION/PROJECT/](http://www.doh.dot.state.nc.us/preconstruction/highway/location/project/)  
 THE FILES TO BE FOUND ARE AS FOLLOWS:  
 R3303\_LS\_CONTROL\_030505.TXT  
 IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE  
 LOCATION AND SURVEYS UNIT.

**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT  
 IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY  
 NCDOT FOR MONUMENT "R2231-10"  
 WITH NAD 83 STATE PLANE GRID COORDINATES OF  
 NORTHING: 147335.107(M) EASTING: 542189.156(M)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT  
 (GROUND TO GRID) IS: 0.999861638  
 THE N.C. LAMBERT GRID BEARING AND  
 LOCALIZED HORIZONTAL GROUND DISTANCE FROM  
 "R2231-10" TO -L- STATION 8+40.000 IS  
 N 21°52' 15.9" W 2779.503 m  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NGVD 29