

PROJECT REFERENCE NO.	SHEET NO.
U-2707	1C-2
Location and Surveys	

# SURVEY CONTROL SHEET U-2707 FINAL

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL1	U2707-1		821988.9210	1592508.1870	802.26	OUTSIDE PROJECT LIMITS	
BL2	U2707-2		822569.1930	1593378.8080	814.31	OUTSIDE PROJECT LIMITS	
BL10	BL-10		823025.2220	1594138.6930	821.68	17+79.79	137.96 RT
BL11	BL-11		823481.6760	1594594.4000	814.31	24+43.46	37.19 RT
BL12	BL-12		823800.5770	1594851.1460	784.73	28+47.68	7.67 RT
BL13	BL-13		824159.6330	1595262.7900	779.62	33+98.34	2.04 LT
BL14	BL-14		824333.0610	1595735.0070	770.45	39+00.56	18.20 LT
BL15	BL-15		824394.3720	1596234.3850	768.74	44+03.27	0.40 LT
BL16	BL-16		824424.6320	1596456.8630	771.40	46+27.74	4.58 RT
BL17	BL-17		824579.0450	1597006.3360	761.28	51+99.62	7.32 RT
BL18	BL-18		824844.3420	1597337.6370	757.38	56+25.77	8.42 LT
BL19	BL-19		825205.5740	1597599.7920	752.39	60+75.15	2.93 LT
BL20	BL-20		825724.8000	1597914.8570	728.16	66+82.30	12.57 RT
BL21	BL-21		826129.3100	1598147.0520	724.91	71+48.71	13.14 RT
BL22	BL-22		826604.1110	1598354.3250	693.10	76+54.24	77.11 LT
BL23	BL-23		827158.2660	1598996.7150	688.91	84+89.25	58.86 RT
BL24	BL-24		827576.7880	1599301.6170	698.79	90+05.76	22.15 RT
BL25	BL-25		827882.2340	1599576.4780	705.52	94+16.45	35.36 RT
BL26	BL-26		828334.2680	1599962.9410	728.28	100+11.16	39.40 RT
BL27	BL-27		828687.5920	1600250.2620	742.78	104+66.49	31.28 RT
BL28	BL-28		829163.1170	1600634.0590	751.32	110+75.91	22.34 RT
BL29	BL-29		829678.1770	1600838.1630	758.07	116+29.02	0.69 LT
BL30	BL-30		830169.5320	1600859.9890	750.99	121+22.48	5.29 RT

BY1	POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
BY1-31	BY1-31		824353.2460	1594402.2310	811.25	OUTSIDE PROJECT LIMITS	
BY1-32	BY1-32		823561.5260	1594314.2890	815.31	11+99.77	17.80 LT
BL-10	BL-10		823025.2220	1594138.6930	821.68	17+26.65	130.43 RT
BY1-33	BY1-33		822249.9980	1594531.4390	829.60	25+60.72	23.78 LT
BY1-34	BY1-34		821581.4540	1594613.4780	831.37	OUTSIDE PROJECT LIMITS	

BY2	POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
BY2-35	BY2-35		830224.8010	1600061.8290	734.81	OUTSIDE PROJECT LIMITS	
BL-30	BL-30		830169.5320	1600859.9890	750.99	14+58.61	44.73 RT
BY2-36	BY2-36		830419.2870	1601646.2560	773.17	OUTSIDE PROJECT LIMITS	
U2707-5	U2707-5		831111.7330	1602384.2760	797.79	OUTSIDE PROJECT LIMITS	
U2707-6	U2707-6		832095.2100	1603067.9640	784.84	OUTSIDE PROJECT LIMITS	

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 BM-1 ELEVATION = 815.54'  
 R/R SPIKE IN BASE OF 18" RED OAK  
 N 822514 E 1593556  
 L STATION 10+34 122 RIGHT  
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 BM-7 ELEVATION = 693.90'  
 R/R SPIKE IN BASE OF 18" ELM  
 N 827892 E 1599239  
 L STATION 92+06 229 LEFT  
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 BM-2 ELEVATION = 809.75'  
 R/R SPIKE IN BASE OF 24" WHITE OAK  
 N 823666 E 1594534  
 L STATION 25+24 141 LEFT  
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 BM-8 ELEVATION = 751.53'  
 R/R SPIKE IN BASE OF 24" BEECH  
 N 829540 E 1600304  
 L STATION 112+47 459 LEFT  
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 BM-3 ELEVATION = 811.83'  
 R/R SPIKE IN BASE OF 18" WHITE OAK  
 N 824600 E 1594553  
 Y STATION 9+80  
 N 15° 10' 58.9" E DIST 848.22  
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 BM-4 ELEVATION = 781.34'  
 R/R SPIKE IN BASE OF 24" WHITE OAK  
 N 824513 E 1595716  
 L STATION 39+11 199 LEFT  
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 BM-5 ELEVATION = 718.74'  
 R/R SPIKE IN BASE OF 18" FORKED OAK  
 N 824827 E 1597748  
 L STATION 58+47 321 RIGHT  
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 BM-6 ELEVATION = 715.26'  
 R/R SPIKE IN BASE OF 44" OAK  
 N 826844 E 1597862  
 L STATION 75+58 614 LEFT  
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**NOTES:**

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:

[HTTP://WWW.DO.H.DOT.STATE.NC.US/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project)

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

▲ 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.

SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U2707-1" WITH HARN-NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 821988.9210 EASTING: 1592508.1870 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99992463 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U2707-1" TO -L- STATION 9+98.62 IS N 57°22'10.75" E 1132.65' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

**NOTE: DRAWING NOT TO SCALE**