

SURVEY CONTROL SHEET U-4751

PROJECT REFERENCE NO.	SHEET NO.
U-4751	1C-1
Location and Surveys	

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
U47512		185670.6250	2354666.1300	28.84	OUTSIDE PROJECT LIMITS	
U47513		185720.2880	2354690.6880	30.82	10+31.46	56.87 RT
BL1		187368.2157	2354700.3728	33.09	16+79.45	95.07 RT
BL2		188076.0920	2354702.5180	36.60	23+87.26	44.58 RT
BL3		188863.8340	2354723.2560	40.77	31+76.68	29.95 RT
ABY13		189719.0268	2354837.7075	46.02	39+79.99	214.01 RT
ABY14		190004.1370	2355082.0440	44.61	41+46.44	534.75 RT
BL4		190197.8670	2354195.2600	44.88	46+68.97	173.27 LT
BL5		190658.8150	2353526.4540	44.64	54+05.64	515.46 LT
BL6		191213.6800	2353227.7610	43.95	60+35.32	491.11 LT
U47516		191826.6110	2352989.1930	46.18	66+84.51	385.47 LT
BL7		191673.1000	2353556.8350	44.99	62+64.07	25.64 RT
BL8		192002.9430	2353583.8980	43.25	65+34.51	216.41 RT
BL9		192372.1230	2353104.5560	43.29	70+95.92	9.14 LT
BL10		193203.3512	2352702.3338	43.51	80+18.26	65.92 RT
BL11		193698.5720	2352608.2141	42.80	85+71.09	80.68 RT
BL12		194319.9492	2352785.5298	42.71	92+47.19	15.41 LT
BL13		195088.0139	2353453.0698	41.90	102+65.72	11.74 LT
BL14		195848.7730	2353849.1470	41.54	111+41.47	98.04 RT
BL15		196498.7580	2354447.9770	40.82	120+48.37	147.69 RT
U47518		197144.4430	2354839.7150	40.85	127+92.94	21.22 RT
BL16		197952.4010	2355553.2100	41.24	138+46.03	125.62 RT
BL17		198645.5100	2355872.0044	41.92	145+59.49	215.40 RT
BL18		199312.7890	2355774.9500	42.18	151+86.31	79.18 RT
BL19		200129.6790	2355919.9140	42.77	160+23.53	0.53 LT
BL20		200723.6200	2355336.0840	43.06	166+51.00	0.39 RT
BL21		201346.6660	2355144.3300	42.03	173+02.89	0.53 RT
BL22		201909.7830	2354968.7400	42.24	178+92.74	1.52 LT
BL23		202452.6200	2354933.3970	42.48	184+21.93	124.50 RT
BL24		203241.3750	2354887.2550	40.82	191+89.32	312.58 RT
BL25		203767.2700	2354942.9650	42.67	196+75.52	520.63 RT
BL26		203815.9640	2354406.1480	43.10	198+80.07	21.93 RT
BL27		203845.0210	2353954.4990	41.70	200+40.79	401.15 LT
BL28		204624.9430	2354047.1670	41.31	207+58.88	83.01 LT
BL29		205398.4960	2354160.3450	41.46	215+04.08	199.97 RT
U475111		206409.6660	2354287.0720	43.41	226+02.37	283.96 RT

BY3 POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
BY31		194803.2630	2351735.5830	41.79	OUTSIDE PROJECT LIMITS	
BY32		194822.4590	2352067.0730	41.59	OUTSIDE PROJECT LIMITS	
BY33		194701.4940	2352361.4180	41.10	OUTSIDE PROJECT LIMITS	
ABL12		194319.9492	2352785.5298	42.71	14+50.43	19.74 RT
BY34		193979.3620	2353483.7890	41.89	OUTSIDE PROJECT LIMITS	

BY4 POINT	DESC.	NORTH	EAST	ELEVATION	Y4 STATION	OFFSET
BY41		196501.2300	2353422.9890	40.90	OUTSIDE PROJECT LIMITS	
BY42		196227.2780	2353538.2890	41.31	11+66.70	20.26 RT
ABL14		195848.7733	2353849.1471	41.54	16+54.91	1.43 RT
BY43		195336.9480	2354133.6670	41.70	20+77.57	19.98 RT
BY44		195284.4890	2354458.1880	42.52	24+88.63	23.22 RT
BY45		195092.0500	2354783.3920	43.03	28+64.45	16.13 LT

BY5 POINT	DESC.	NORTH	EAST	ELEVATION	Y5 STATION	OFFSET
BY51		197692.9850	2354101.2480	39.39	OUTSIDE PROJECT LIMITS	
AU47518		197144.4430	2354839.7150	40.85	15+13.71	24.09 RT
U47519		196634.5660	2355729.1570	42.35	25+37.96	0.00

BY POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
BY1		189467.6860	2352119.2580	42.97	OUTSIDE PROJECT LIMITS	
BY2		189200.4480	2352620.4420	45.40	OUTSIDE PROJECT LIMITS	
BY3		189778.8430	2353185.2690	45.31	14+62.46	53.27 LT
ABY11		189467.2374	2353794.5222	48.39	22+45.84	95.43 RT
BY4		188327.7470	2354285.9570	42.88	27+40.74	39.08 LT
ABL2		188076.0918	2354702.5178	36.60	OUTSIDE PROJECT LIMITS	

BY6 POINT	DESC.	NORTH	EAST	ELEVATION	Y6 STATION	OFFSET
BY61		208041.4630	2348493.6310	46.05	OUTSIDE PROJECT LIMITS	
BY62		207591.3770	2349568.9650	42.07	OUTSIDE PROJECT LIMITS	
BY63		207132.7560	2350667.3230	45.56	OUTSIDE PROJECT LIMITS	
BY64		206797.0690	2351813.5210	43.52	OUTSIDE PROJECT LIMITS	
U475110		206605.7440	2353002.2310	46.98	OUTSIDE PROJECT LIMITS	
AU475111		206409.6660	2354287.0720	43.41	OUTSIDE PROJECT LIMITS	
U475112		206222.4440	2355117.4580	45.61	OUTSIDE PROJECT LIMITS	
BY65		206040.8310	2356705.9480	45.54	OUTSIDE PROJECT LIMITS	
BY66		205859.9510	2357891.6880	46.01	OUTSIDE PROJECT LIMITS	
BY67		205678.7900	2359077.5560	46.83	OUTSIDE PROJECT LIMITS	

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
U47511		187374.7110	2352288.2380	42.72	11+56.71	34.46 RT
PATROL1		187751.0960	2353073.6490	49.21	20+26.63	34.37 RT
BY11		188467.2370	2353794.5220	48.39	30+35.36	49.52 RT
BY12		188994.4950	2354215.9780	45.87	37+10.25	37.44 RT
BY13		189719.0270	2354837.7080	46.02	46+64.84	53.64 RT
BY14		190004.1370	2355082.0440	44.62	50+40.27	59.77 RT
BY15		190610.7310	2355459.1950	43.22	57+47.96	37.05 LT
BY16		191110.8380	2355975.4100	43.85	64+62.43	41.16 RT
BY17		191652.6180	2356425.1760	40.44	71+66.57	41.61 RT
U47514		192245.8550	2356912.9870	46.11	79+34.89	38.11 RT
U47515		193151.3140	2357658.7640	43.89	OUTSIDE PROJECT LIMITS	

BY2 POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
U47517		192038.1840	2351884.2770	44.88	OUTSIDE PROJECT LIMITS	
AU47516		191826.6110	2352989.1930	46.18	OUTSIDE PROJECT LIMITS	
ABL7		191673.0995	2353556.8345	44.99	15+17.59	20.26 RT
BY21		191832.5750	2353882.7740	46.27	18+76.75	15.54 LT
BY22		191988.5150	2354513.0930	46.15	OUTSIDE PROJECT LIMITS	

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 BM1 ELEVATION = 39.61
 N 187449 E 2354486
 L STATION 17+56.00 161 LEFT
 RRSPIKE IN 18' PINE

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 BM13 ELEVATION = 46.46
 N 189498 E 2354950
 L STATION 37+56.00 277 RIGHT
 RRSPIKE IN 24' PINE

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 BM17 ELEVATION = 45.01
 N 198704 E 2355985
 L STATION 146+29.00 317 RIGHT
 RRSPIKE IN 18' PINE

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 BM20 ELEVATION = 45.48
 N 200741 E 2355491
 L STATION 166+22.00 153 RIGHT
 RRSPIKE IN 16' PINE

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 BM23 ELEVATION = 44.94
 N 202953 E 2354957
 L STATION 185+21.00 180 RIGHT
 RRSPIKE IN 8' PINE

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 BM27 ELEVATION = 45.66
 N 203843 E 2354093
 L STATION 199+98.00 269 LEFT
 RRSPIKE IN 12' PINE

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY OTHERS FOR MONUMENT "P-122"
 WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 205424.53(±) EASTING: 2360493.54(±) ELEVATION: 52.97(±)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000012368
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "P-122" TO -L- L STATION 10+00.00 IS S 17° 22' 12" W 19.629.87
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

NOTES:

1. 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:
 U4751_IS_CONTROL_H000.TXT

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 NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

NOTE: DRAWING NOT TO SCALE