

U-3109A SURVEY CONTROL SHEET

BASELINE DATA

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET	BY3 POINT	DESC.	NORTH	EAST	ELEVATION	Y7 STATION	OFFSET
1	U3109-1	841207.2430	1910433.6690	652.45	OUTSIDE PROJECT LIMITS		78	BY3-78	846250.0864	1910800.8819	657.76	OUTSIDE PROJECT LIMITS	
2	U3109-2	842594.1850	1911069.6640	662.33	10+88.91	20.57 RT	79	BY3-79	846191.3134	1911760.8338	662.60	15+02.07	20.43 RT
11	BL-11	842935.1813	1911240.8024	660.29	14+70.19	34.35 RT	80	BY3-80	846200.9559	1912517.8042	664.11	22+52.72	49.74 LT
12	BL-12	843908.5105	1911723.3920	658.75	25+59.46	64.36 RT	81	BL-17	846419.4604	1913392.7329	654.49	30+81.51	405.21 LT
13	BL-13	844501.1301	1912073.6535	648.88	32+62.80	86.65 RT	82	BY3-81	846684.5242	1913928.6641	644.26	OUTSIDE PROJECT LIMITS	
14	BL-14	844853.6751	1912517.3724	648.03	38+65.21	77.03 RT	83	BY3-82	846964.8751	1914102.2876	647.64	OUTSIDE PROJECT LIMITS	
15		851617.3521	1913502.3981	UNKNOW	110+30.64	0.00 RT	84	BY3-83	847401.3620	1914154.6853	647.61	OUTSIDE PROJECT LIMITS	
16	BL-16	845848.9147	1913349.9812	656.41	51+87.80	18.41 LT	85	BY3-84	847835.2496	1914263.4147	639.63	OUTSIDE PROJECT LIMITS	
17	BL-17	846419.4604	1913392.7329	654.49	57+70.26	6.34 LT	86	BY3-85	848084.9663	1914559.5143	623.41	OUTSIDE PROJECT LIMITS	
18	BL-18	846958.3679	1913321.7203	636.01	62+14.99	0.83 LT	87	BY3-86	848655.9260	1915414.4363	632.57	OUTSIDE PROJECT LIMITS	
19	BL-19	847471.1937	1913221.3832	627.77	68+35.93	7.34 RT		BY3-87	849039.9329	1916069.8817	625.71	OUTSIDE PROJECT LIMITS	
20	BL-20	847868.9513	1913138.4992	620.67	72+41.95	4.86 LT							
21	BL-21	848217.6937	1913094.1475	624.29	75+93.70	4.42 RT							
22	BL-22	848490.4456	1913098.3930	614.81	78+67.52	20.78 RT							
23	BL-23	848869.8439	1913106.5024	626.44	82+47.84	3.99 LT							
24	BL-24	849148.4382	1913163.0953	607.22	85+32.01	0.46 LT							
25	BL-25	849487.6124	1913233.2195	612.34	88+78.34	2.63 RT							
26	BL-26	849899.6914	1913314.9945	593.73	92+98.46	3.02 RT							
27	BL-27	850516.3358	1913431.6550	589.88	99+25.99	2.09 RT							
28	BL-28	850894.6500	1913476.8357	596.23	103+07.01	0.77 LT							
29	BL-29	851288.7502	1913508.4395	602.40	107+02.19	6.49 RT							
30	BL-30	851895.4312	1913497.3135	606.27	113+08.46	8.59 RT							
31	BL-31	852411.5035	1913436.7536	634.96	118+27.52	7.94 RT							
32	BL-32	852791.4258	1913356.9529	638.29	122+15.44	1.77 RT							
33	BL-33	853336.4768	1913204.3215	614.32	127+81.57	0.42 RT							
34	BL-34	853678.5347	1913081.3979	621.28	131+45.03	1.55 RT							
35	BL-35	854368.3175	191275.1138	636.34	138+99.77	1.67 RT							
36	BL-36	854711.0960	1912687.5904	643.16	142+52.53	57.71 RT							
37	BL-37	855041.8732	1912713.6757	640.53	145+83.83	171.03 RT							
38	BL-38	855328.3479	1912584.9867	632.15	149+02.07	73.12 RT							
39	BL-39	855744.5961	1912541.0481	616.86	153+21.65	3.65 LT							
40	BL-40	856130.1446	1912720.1433	604.92	157+48.92	58.08 RT							
41	BL-41	856416.4627	1912799.7596	611.70	160+44.69	0.99 LT							
42	BL-42	856710.0891	1913023.7769	609.49	164+14.82	4.39 RT							
43	BL-43	856939.8322	1913267.2767	619.34	167+50.74	4.65 RT							
44	BL-44	857292.5041	1913729.0431	635.68	173+31.91	1.39 LT							
45	BL-45	857520.1869	1914039.8519	626.29	177+17.19	0.96 RT							
46	BL-46	857816.9044	1914446.3536	618.85	182+20.45	4.90 RT							
47	BL-47	858174.4072	1914908.0297	632.74	188+04.44	1.44 LT							
48	BL-48	858598.4102	1915222.1811	620.75	193+36.36	67.68 LT							
49	BL-49	859112.2576	1915540.8273	617.56	199+56.62	54.39 LT							
50	BL-50	859568.5487	1915800.3209	609.17	204+79.28	2.57 LT							
51	BL-51	860030.5966	1916018.8092	597.20	209+86.99	2.28 RT							
52	BL-52	860315.9274	1916123.5728	592.73	212+93.53	10.47 LT							
53	BL-53	860659.7071	1916279.1091	580.13	216+70.85	7.85 LT							
54	BL-54	861281.7097	1916566.1487	577.42	223+53.38	3.45 LT							
55	BL-55	861685.0338	1916694.3011	549.69	227+03.32	12.07 LT							
56	BL-56	862047.2565	1916887.3181	594.35	231+85.82	15.15 LT							
57	BL-57	862519.3838	1917099.3052	597.79	237+00.05	29.30 LT							
58	BL-58	862792.7584	1917329.6809	614.68	240+52.99	16.65 LT							
59	BL-59	863048.4901	1917600.0746	619.30	244+24.19	20.27 LT							
60	BL-60	863585.5585	1918206.4639	612.75	252+34.16	9.80 LT							
61	BL-61	864167.2846	1918805.1434	624.69	OUTSIDE PROJECT LIMITS								
62	BL-62	864855.4072	1918900.0590	634.36	OUTSIDE PROJECT LIMITS								
63	BL-63	865473.1908	1918831.0609	636.57	OUTSIDE PROJECT LIMITS								
5	U3109-5	865558.2770	1918704.1310	631.16	OUTSIDE PROJECT LIMITS								
6	U3109-6	867837.1210	1918347.6260	629.09	OUTSIDE PROJECT LIMITS								

BY1 POINT	DESC.	NORTH	EAST	ELEVATION	BY1 STATION	OFFSET
64	BY1-64	843206.0067	1908012.9636	616.09	5+00.00	0.00
65	BY1-65	843671.9908	1908809.4301	604.93	14+22.77	0.00
66	BY1-66	843919.5244	1909790.1855	614.62	24+34.25	0.00
67	BY1-67	843967.1153	1910614.6771	630.97	32+60.14	0.00
A12	BL-12	843908.5105	1911723.3920	658.75	43+70.41	0.00
68	BY1-68	843862.3929	1912558.7366	632.27	52+06.16	0.00
69	BY1-69	843774.4895	1914077.9861	625.19	67+29.24	0.00
70	BY1-70	843730.3495	1914870.3122	628.51	75+22.79	0.00
71	BY1-71	843665.6078	1915883.7557	636.85	85+38.30	0.00

BY2 POINT	DESC.	NORTH	EAST	ELEVATION	Y6A STATION	OFFSET
A15	BL-15	845315.8353	1913076.7768	652.92	OUTSIDE PROJECT LIMITS	
72	BY2-72	845511.7451	1913682.1982	640.22	13+80.23	28.11 LT
73	BY2-73	845639.0489	1914417.0701	653.25	21+87.82	41.36 RT
74	BY2-74	845868.5875	1915267.7466	670.45	OUTSIDE PROJECT LIMITS	
75	BY2-75	845937.3912	1915764.7708	679.13	OUTSIDE PROJECT LIMITS	
76	BY2-76	846059.7085	1916335.6522	672.38	OUTSIDE PROJECT LIMITS	
77	BY2-77	846155.9873	1916806.6617	670.77	OUTSIDE PROJECT LIMITS	

BENCHMARK DATA

BM1 ELEVATION - 650.39	BM20 ELEVATION - 631.94
N 841555 E 1911128	N 855245 E 1911188
L STATION 6+00.00	Y16 STATION 10+00.00
S 24°59'17.08" E DIST 664.90	N 38°01'47.46" W DIST 231.59
CHISELED SQUARE IN CONCRETE BASE OF LT POLE	RR SPIKE IN BASE OF 15" SWEETGUM
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BM21 ELEVATION - 656.90	BM22 ELEVATION - 607.62
N 853378 E 1915566	N 851700 E 1916886
N 843683 E 1911804	Y10 STATION 29+21.00
L STATION 23+92.00 238 RIGHT	N 12°42'4.45" W DIST 1161.20
RR SPIKE IN BASE OF 12" MAPLE	RR SPIKE IN BASE OF 20" RED OAK
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BM3 ELEVATION - 657.01	BM4 ELEVATION - 611.79
N 845477 E 1913014	N 847529 E 1913401
L STATION 46+64.00 140 LEFT	L STATION 68+62.00 194 RIGHT
RR SPIKE IN BASE OF 30" PINE	RR SPIKE IN BASE OF 12" SWEETGUM
.....
BM5 ELEVATION - 617.05	BM6 ELEVATION - 593.11
N 848870 E 1913311	N 850963 E 1913275
L STATION 82+83.00 198 RIGHT	L STATION 103+58.00 208 LEFT
RR SPIKE IN BASE OF 16" POPLAR	RR SPIKE IN BASE OF 18" POPLAR
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BM7 ELEVATION - 624.94	BM8 ELEVATION - 643.49
N 853053 E 1913881	N 855292 E 1912798
L STATION 123+43.00 572 RIGHT	L STATION 148+53.00 284 RIGHT
RR SPIKE IN BASE OF 24" MAPLE	CHISELED MARK ON SW CORNER OF CONC. PAD
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BM9 ELEVATION - 605.03	BM10 ELEVATION - 627.17
N 856978 E 1912953	N 857799 E 1914773
L STATION 165+52.00 233 LEFT	L STATION 184+72.00 214 RIGHT
RR SPIKE IN ROOT OF 10" ASH	RR SPIKE IN BASE OF 15" MAPLE
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BM11 ELEVATION - 606.94	BM12 ELEVATION - 623.27
N 858876 E 1913721	N 848372 E 1914530
Y20 STATION 10+00.00	Y9 STATION 13+44.00 48 RIGHT
S 83°29'0.91" E DIST 2804.08	RR SPIKE IN BASE OF 15" OAK
RR SPIKE IN BASE OF 20" POPLAR
.....
BM13 ELEVATION - 676.84	BM14 ELEVATION - 660.04
N 845665 E 1915522	N 854840 E 1914641
Y6 STATION 30+98.00 231 RIGHT	Y16 STATION 43+25.00 117 RIGHT
RR SPIKE IN ROOT OF 42" OAK	RR SPIKE IN BASE OF 16" PINE
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NOTES

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING NCDOT PROJECT CONTROL DATA AT:
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES/DEFAULT.ASPX](https://connect.ncdot.gov/resources/location/pages/default.aspx)

THE FILES TO BE FOUND ARE AS FOLLOWS: