

BASELINE DATA

SURVEY CONTROL SHEET R2552B

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
801	BL-801	207901.1916	654297.3051	90.571	55+74.227	83.151 LT
802	BL-802	207843.6535	654443.4035	85.549	57+38.396	71.936 LT
803	BL-803	207785.9785	654667.6991	91.742	59+78.736	56.420 LT
804	BL-804	207771.9215	654781.3323	93.403	60+96.112	51.760 LT
805	BL-805	207753.7277	655140.0457	97.249	64+55.375	54.343 LT
1026	BY7 - 1026	207713.0626	655249.7206	99.822	65+66.338	21.803 LT
806	BL-806	207696.3305	655422.3445	98.297	67+36.949	31.018 LT
807	BL-807	207674.0805	655488.3520	95.455	68+05.128	23.705 LT
808	BL-808	207638.3058	655601.13203	95.713	69+22.088	19.878 LT
809	BL-809	207600.5085	655701.8755	98.652	70+28.332	17.783 LT
810	BL-810	207533.6929	655842.1673	95.362	71+82.301	13.445 LT
811	BL-811	207432.1860	655995.8466	91.228	73+65.367	0.910 LT
812	BL-812	207273.6192	656234.4815	92.163	76+51.930	2.335 LT
1030	BY10 - 1030	207174.9808	656388.8061	94.850	78+34.571	8.853 RT
813	BL-813	207084.6323	656631.4085	89.744	80+92.900	1.341 RT
814	BL-814	207048.9810	656765.6109	92.085	82+31.727	0.229 LT
815	BL-815	207000.9169	656952.2269	85.181	84+24.433	0.236 RT
816	BL-816	206941.4616	657194.8226	87.860	86+74.197	2.093 LT
817	BL-817	206868.8473	657464.4303	89.455	89+53.387	1.655 RT
818	BL-818	206831.8247	657611.0393	80.919	91+04.598	1.305 RT
819	BL-819	206816.8069	657670.2558	79.548	91+65.689	1.226 RT
820	BL-820	206795.0260	657755.9322	75.763	92+54.091	1.163 RT
821	BL-821	206779.1475	657815.4695	78.337	93+15.705	1.839 RT
822	BL-822	206731.5085	657995.2780	82.824	95+01.746	3.369 RT
823	BL-823	206686.8535	658136.9878	86.977	96+50.502	7.029 RT
35	R2552-35	206603.9680	658206.6440	86.136	97+43.246	64.379 RT
824	BL-824	206509.6319	658323.4500	88.592	98+88.693	113.472 RT
825	BL-825	206485.9994	658546.9708	84.162	101+08.935	48.933 RT
825	BL-825	206485.9994	658546.9708	84.162	101+08.935	48.933 RT
826	BL-826	206478.5133	658666.9646	67.402	102+21.425	4.366 RT
827	BL-827	206441.8071	658747.0190	79.077	103+09.463	1.800 RT
828	BL-828	206404.2995	658824.3174	82.575	103+95.378	1.169 RT
829	BL-829	206261.3851	659114.5193	71.564	107+18.862	0.682 RT
830	BL-830	206216.9483	659204.3135	69.661	108+19.050	0.726 RT
831	BL-831	206110.5224	659443.8477	58.275	110+80.942	10.018 LT
832	BL-832	206051.9850	659555.4138	71.386	112+06.978	6.681 LT
833	BL-833	205968.2823	659735.3376	76.730	114+05.701	0.925 LT
834	BL-834	205927.8183	659860.0921	87.301	115+36.969	4.084 LT
835	BL-835	205876.3311	659993.9051	88.893	116+79.702	8.332 RT
836	BL-836	205840.4746	660195.1907	85.480	118+83.684	1.759 RT
1043	BY16 - 8+36.176	205790.9323	660523.1083	89.330	122+13.703	19.284 RT
837	BL-837	205802.5232	660851.7740	88.327	125+41.880	1.852 RT
838	BL-838	205793.0592	661266.0724	90.220	129+56.285	2.442 RT
839	BL-839	205785.5799	661563.9818	83.684	132+54.385	3.154 RT
840	BL-840	205742.1353	661878.2185	82.695	135+72.504	1.492 RT
841	BL-841	205635.1418	662196.8831	89.123	139+09.100	2.302 LT
842	BL-842	205492.8028	662413.2746	87.340	141+68.764	16.203 RT
1013	-BY18- 8+59.226	205440.1563	662297.4179	85.864	140+96.188	122.763 RT

BASELINE DATA

BY10 POINT	DESC.	NORTH	EAST	ELEVATION	Y10 STATION	OFFSET
32	R2552-32	207393.4280	656417.9000	96.750	10+83.754	6.587 LT
1130	BL - 85+28.529	207174.9808	656388.8061	94.850	13+04.358	4.126 RT
1031	BY10-1031	206959.9980	656379.3658	93.659	OUTSIDE PROJECT LIMITS	
BY11						
POINT	DESC.	NORTH	EAST	ELEVATION	Y11 STATION	OFFSET
34	R2552-34	207347.0940	658972.2030	77.414	OUTSIDE PROJECT LIMITS	
1032	BY12 - 5+00.000	207193.4588	658813.6535	67.447	11+01.844	3.787 LT
1033	BY11-1033	207023.7592	658606.0695	64.257	13+69.755	4.775 LT
1034	BY13 - 5+00.000	206954.0560	658400.4374	71.020	15+85.877	8.804 RT
1035	BY11-1035	206834.5913	658259.0851	82.882	17+69.287	5.674 RT
1036	BY11-1036	206732.5776	658210.5566	85.250	18+80.994	5.073 RT
135	GPS R2552-35	206603.9680	658206.6440	86.136	20+09.388	5.359 LT
36	R2552-36	206368.3130	658126.1320	84.581	22+58.321	12.583 LT
1037	BY11-1037	206262.7666	657974.2153	73.753	24+41.349	4.348 LT
1038	BY14 - 5+00.000	206136.5799	657794.6870	73.418	26+60.319	4.795 RT
37	R2552-37	205908.9980	657635.8220	83.494	29+37.262	8.050 RT
BY12						
POINT	DESC.	NORTH	EAST	ELEVATION	Y12 STATION	OFFSET
1132	BY7 - 7+20.775	207193.4588	658813.6535	67.447	OUTSIDE PROJECT LIMITS	
1039	BY12-1039	207297.3276	658714.2301	67.765	OUTSIDE PROJECT LIMITS	
BY13						
POINT	DESC.	NORTH	EAST	ELEVATION	Y13 STATION	OFFSET
1134	BY13 - 5+00.000	206954.0560	658400.4374	71.020	10+14.212	7.575 RT
1040	BY13-1040	207073.0198	658366.7936	71.415	11+37.373	4.699 RT
1041	BY13-1041	207146.4425	658320.0348	70.702	12+23.885	4.572 LT
BY14						
POINT	DESC.	NORTH	EAST	ELEVATION	Y14 STATION	OFFSET
1138	BY7 - 22+86.183	206136.5799	657794.6870	73.418	10+04.715	19.776 RT
1042	BY14-1042	206262.5520	657608.9477	77.871	12+28.564	4.241 LT

BENCHMARK DATA

 BM1 ELEVATION = 95.864
 N 207643 E 654805
 L STATION 61+28 76 RIGHT
 VERTICAL R/R SPIKE IN ROOT OF 10'
 WALNUT TREE

 BM2 ELEVATION = 92.809
 N 207445 E 655812
 L STATION 71+96 79 RIGHT
 HORIZONTAL R/R SPIKE IN BASE OF 12" GUM

 BM3 ELEVATION = 94.251
 N 207049 E 657424
 L STATION 88+69 163 LEFT
 PAINTED WHITE SPOT TOP WEST CORNER OF
 SOUTHERN, INTERMOST CONCRETE FOOTING
 FOR GUY WIRES OF TV TOWER

 BM4 ELEVATION = 86.441
 N 206920 E 657985
 L STATION 94+45 177 LEFT
 R/R SPIKE SET VERTICALLY IN BASE OF 10'
 SWEET GUM

 BM5 ELEVATION = 69.536
 N 206080 E 659156
 L STATION 108+37 145 RIGHT
 R/R SPIKE

 BM6 ELEVATION = 68.758
 N 206160 E 659555
 L STATION 111+59 104 LEFT
 R/R SPIKE SET VERTICALLY IN BASE OF 16'
 HOLLY TREE

BY7 POINT	DESC.	NORTH	EAST	ELEVATION	Y7 STATION	OFFSET
28	R2552-28	208158.3250	655386.3740	102.460	OUTSIDE PROJECT LIMITS	
1025	BY7-1025	207951.4241	655359.2047	100.791	11+37.222	4.330 LT
1126	BL - 72+50.282	207713.0626	655249.7206	99.822	13+99.475	4.384 LT
1027	BY8 - 5+00.000	207464.9148	655105.9007	97.404	16+85.869	10.485 RT
1029	GPS R2552-29	207226.9920	655069.3000	98.360	OUTSIDE PROJECT LIMITS	

BY8 POINT	DESC.	NORTH	EAST	ELEVATION	Y8 STATION	OFFSET
1127	BY7 - 12+57.793	207464.9148	655105.9007	98.360	10+08.174	7.669 RT
1028	BY8-1028	207471.3088	654900.1735	97.171	OUTSIDE PROJECT LIMITS	
BY9						
POINT	DESC.	NORTH	EAST	ELEVATION	Y9 STATION	OFFSET
1227	BY7 - 12+57.793	207464.9148	655105.9007	98.360	OUTSIDE PROJECT LIMITS	
1229	BY9-1229	207445.1869	655228.7092	97.159	10+24.748	4.695 RT

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "LAKE DAM" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 222085.5690(m) EASTING: 636096.3610(m) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999893375 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "LAKE DAM" TO FLYLEREV- STATION 35+14.173 IS S 48°02'57.187" E 17.2999922m ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

NOTES:

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
 HTTP://WWW.DOH.DOT.STATE.NC.US/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT FILES : R2552B_LS_CONTROL_041021.TXT & R2552B_LS_BASELINE_041021.TXT

INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.

PROJECT CONTROL ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEM. CONTROL NETWORK ESTABLISHED USING STATIC GPS FROM EXISTING NCGS MONUMENTATION. SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.