

SURVEY CONTROL SHEET R2552AB

BASELINE DATA

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL21	GPS R2552-21	208585.2620	652727.2850	64.746	38+65.077	71.134 LT
BL730	BL-730	208468.5180	652992.2110	60.211	41+46.950	43.302 LT
BL731	BL-731	208421.4190	653136.2960	68.943	42+94.996	56.780 LT
BL732	BL-732	208364.2640	653240.9320	81.673	44+13.289	50.376 LT
BL733	BL-733	208331.6110	653353.0180	86.403	45+28.453	69.523 LT
BL734	BL-734	208248.8380	653521.8320	87.024	47+16.462	68.084 LT
BL735	BL-735	208193.7020	653591.9430	94.331	48+03.542	48.778 LT
BL736	BL-736	208148.6140	653755.0580	95.954	49+70.084	78.833 LT
BL737	BL-737	208129.1400	653855.4860	94.929	50+69.030	104.804 LT
BL738	BL-738	208078.7810	653969.6610	95.159	51+93.751	108.899 LT
BY5504	BY5-504	208042.6820	654063.7570	98.773	52+94.196	117.144 LT
BL740	BL-740	208001.9103	654159.8129	98.066	53+98.913	121.981 LT
BL801	BL-801	207901.1916	654297.3051	90.571	55+74.227	83.151 LT

BLREV POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL731	BL-731	208421.4190	653136.2960	68.943	42+94.996	56.780 LT
BL901	R901	208356.3955	653149.5989	75.150	43+34.387	3.704 LT
BL902	R902	208292.7378	653267.7477	83.591	44+68.452	2.464 RT
BL903	R903	208242.4977	653388.2875	81.081	45+98.857	4.497 LT
BL904	R904	208168.4985	653516.3155	84.523	47+46.307	6.710 RT
BL905	R905	208150.5008	653581.8798	89.820	48+13.194	5.484 LT
BL906	R906	208058.8829	653739.4846	90.099	49+94.935	8.784 RT
BL907	R907	208049.5121	653779.9303	87.359	50+35.446	0.299 LT
BL908	R908	208006.9102	653873.1680	92.704	51+37.936	2.311 LT
BL909	R909	207939.9906	653920.3662	97.834	52+09.472	37.544 RT
BL910	R910	207927.8275	654064.0864	96.042	53+44.267	13.778 LT
BL911	R911	207860.1249	654150.9653	91.602	54+51.660	10.303 RT
BL912	R912	207836.0790	654230.2577	88.051	55+33.779	1.570 RT
BL913	R913	207799.3693	654345.1186	86.294	56+54.352	2.177 LT
BL914	R914	207783.5580	654388.6498	84.069	57+00.615	0.466 RT
BL743	T12-743	207768.9050	654431.4350	85.176	57+45.693	3.426 RT
BL802	BL-802	207843.6535	654443.4035	85.549	57+38.397	71.936 LT

BASELINE DATA

BY6 POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
BY5506	BY5-506	207707.8140	653606.1440	98.895	OUTSIDE PROJECT LIMITS	
BY6601	BY6-601	207498.2380	653616.3340	96.311	12+00.585	5.498 RT

BY5 POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
BY522	BY5-22	208696.8470	654787.7990	99.714	OUTSIDE PROJECT LIMITS	
BY523	BY5-23	208495.2120	654557.6940	95.907	10+59.199	7.554 RT
BY524	BY5-24	208213.7180	654259.3320	98.635	14+69.086	8.304 LT
BY5504	BY5-504	208042.6820	654063.7570	98.773	17+28.899	8.542 LT
BY5909	BY5-909	207939.9906	653920.3662	97.834	19+04.454	8.391 RT
BY5505	BY5-505	207848.6230	653814.4170	97.799	20+44.742	5.462 RT
BY5506	BY5-506	207707.8140	653606.1440	98.895	22+97.009	8.226 RT
BY5507	BY5-507	207605.3640	653456.8590	96.967	24+77.426	8.037 LT

NOTE : NO ADDITIONAL BENCHMARKS WERE SET ON THIS SECTION.

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 17,299.9922m 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_041103.TXT](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project/files/r2552b_ls_control_041103.txt) & [R2552B_LS_BASELINE_041103.TXT](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project/files/r2552b_ls_baseline_041103.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.