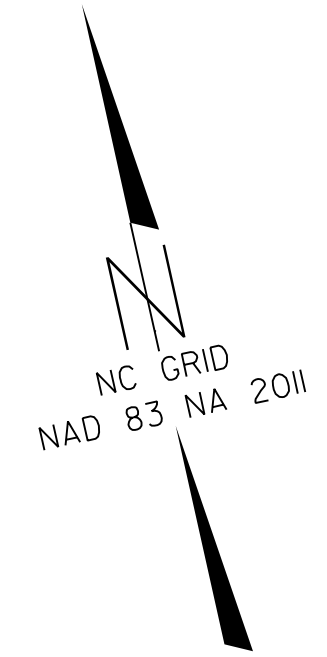


# SURVEY CONTROL SHEET R-5014

-L- STA 11+00  
BEGIN CONSTRUCTION

LOCALIZED PROJECT COORDINATES  
N = 842,691.635  
E = 2,971,970.4073

NCDOT GPS STATION "R5014 GPS-8"  
LOCALIZED PROJECT COORDINATES  
N = 841,988.169  
E = 2,971,957.317



NCDOT GPS STATION "R5014 GPS-16"  
LOCALIZED PROJECT COORDINATES  
N = 840,717.158  
E = 2,977,711.549

NCDOT GPS STATION "R5014 GPS-15"  
LOCALIZED PROJECT COORDINATES  
N = 840,209.704  
E = 2,977,562.949

NCDOT GPS STATION "R5014 GPS-7"  
LOCALIZED PROJECT COORDINATES  
N = 841,504.527  
E = 2,971,582.261

NCDOT GPS STATION "R5014 GPS-13"  
LOCALIZED PROJECT COORDINATES  
N = 839,740.307  
E = 2,976,469.215

NCDOT GPS STATION "R5014 GPS-14"  
LOCALIZED PROJECT COORDINATES  
N = 839,614.440  
E = 2,977,220.541

NCDOT GPS STATION "R5014 GPS-9"  
LOCALIZED PROJECT COORDINATES  
N = 839,364.923  
E = 2,973,118.726

NCDOT GPS STATION "R5014 GPS-10"  
LOCALIZED PROJECT COORDINATES  
N = 838,983.511  
E = 2,973,499.421

NCDOT GPS STATION "R5014 GPS-12"  
LOCALIZED PROJECT COORDINATES  
N = 838,416.480  
E = 2,975,781.285

NCDOT GPS STATION "R5014 GPS-5"  
LOCALIZED PROJECT COORDINATES  
N = 838,235.759  
E = 2,973,638.848

NCDOT GPS STATION "R5014 GPS-11"  
LOCALIZED PROJECT COORDINATES  
N = 838,189.588  
E = 2,975,224.230

NCDOT GPS STATION "R5014 GPS-6"  
LOCALIZED PROJECT COORDINATES  
N = 837,674.227  
E = 2,972,311.705

### CONTROL DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L. STATION	OFFSET
R50147	GPS MON R5014-7		841504.5270	2971582.2610	14.42	23+64.60	743.79 RT
R50148	GPS MON R5014-8		841988.1690	2971957.3170	14.73	17+80.89	354.45 RT
R50149	GPS MON R5014-9		839364.9230	2973118.7260	1.96	54+14.84	17.83 LT
R501410	GPS MON R5014-10		838983.5110	2973499.4210	4.29	59+57.61	17.37 RT
R50145	GPS MON R5014-5		838235.7590	2973638.8480	7.45	66+98.94	84.72 RT
R50146	GPS MON R5014-6		837674.2270	2972311.7050	21.59	66+12.30	1513.14 RT
R501411	GPS MON R5014-11		838189.5880	2975224.2300	3.78	83+86.56	13.71 RT
R501412	GPS MON R5014-12		838416.4800	2975781.2850	13.80	89+85.54	19.71 RT
R501413	GPS MON R5014-13		839740.3070	2976469.2150	2.43	105+32.14	8.54 LT
R501414	GPS MON R5014-14		839614.4400	2977220.5410	4.59	113+00.79	15.03 RT
R501415	GPS MON R5014-15		840209.7040	2977562.9490	5.08	122+95.93	16.82 LT
R501416	GPS MON R5014-16		840717.1580	2977711.5490	2.67	128+20.54	15.94 LT

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "CENTROID1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 840,300.00(±) EASTING: 2,980,000.00(±) ELEVATION: 6.00(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000332483 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "CENTROID1" TO -L- STATION 11+00 IS N 73° 24' 49.23" E 8,378.2025

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

### NOTES:

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:  
[HTTP://WWW.NCDOT.GOV/DOH/PRECONSTRUCT/HIGHWAYLOCATION/PROJECT/](http://www.ncdot.gov/DOH/PRECONSTRUCT/HIGHWAYLOCATION/PROJECT/)

THE FILES TO BE FOUND ARE AS FOLLOWS:  
TIP R5014\_LS\_CONTROL.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.

**NOTE: DRAWING NOT TO SCALE**