

# SURVEY CONTROL SHEET R-5014

-L- STA 240+00  
END CONSTRUCTION

LOCALIZED PROJECT COORDINATES  
N = 840,566.837  
E = 2,987,724.6954

NCDOT GPS STATION "R5014 GPS-2"  
LOCALIZED PROJECT COORDINATES  
N = 840,401.002  
E = 2,987,475.393

NCDOT GPS STATION "R5014 GPS-1"  
LOCALIZED PROJECT COORDINATES  
N = 840,782.732  
E = 2,988,176.179

NCDOT GPS STATION "R5014 GPS-18"  
LOCALIZED PROJECT COORDINATES  
N = 840,550.147  
E = 2,981,789.103

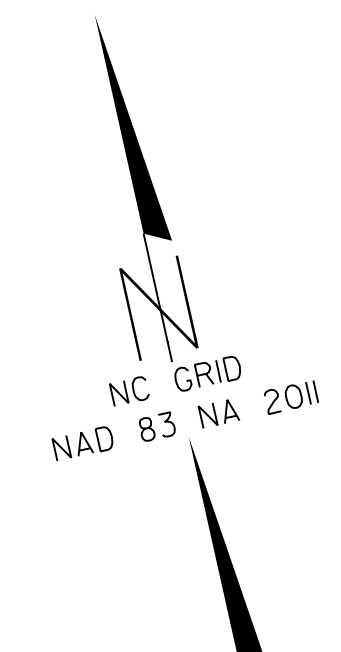
NCDOT GPS STATION "R5014 GPS-3"  
LOCALIZED PROJECT COORDINATES  
N = 840,851.362  
E = 2,979,912.511

NCDOT GPS STATION "R5014 GPS-17"  
LOCALIZED PROJECT COORDINATES  
N = 840,649.796  
E = 2,980,939.748

NCDOT GPS STATION "R5014 GPS-4"  
LOCALIZED PROJECT COORDINATES  
N = 840,718.607  
E = 2,979,090.807

### CONTROL DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
R50144	GPS MON R5014-4		840718.6070	2979090.8070	2.78	144+16.88	36.72 RT
R50143	GPS MON R5014-3		840851.3620	2979912.5110	12.78	152+54.83	21.58 RT
R501417	GPS MON R5014-17		840649.7960	2980939.7480	2.30	163+33.17	18.50 RT
R501418	GPS MON R5014-18		840550.1470	2981789.1030	3.26	172+45.69	28.48 RT
R50142	GPS MON R5014-2		840401.0020	2987475.3930	7.61	237+01.84	27.50 RT
R50141	GPS MON R5014-1		840782.7320	2988176.1790	6.93	119+21.95	10544.96 RT



### 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(ft) EASTING: 2,980,000.00(ft) ELEVATION: 6.00(ft) 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/HIGHWAY/LOCATION/PROJECT/](http://www.ncdot.gov/DOH/PRECONSTRUCT/HIGHWAY/LOCATION/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**