

SURVEY CONTROL SHEET B-4040

| | |
|-----------------------|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| B-4040 | 1 D |
| Location and Surveys | |

| BL | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|------|-------|---------|-------------|--------------|-----------|-----------|------------------------|
| GPS2 | | B4040-2 | 701301.6885 | 1163577.6750 | 1204.37 | | OUTSIDE PROJECT LIMITS |
| 2 | | BL-2 | 701889.6610 | 1163820.9360 | 1174.17 | | OUTSIDE PROJECT LIMITS |
| 3 | | BL-3 | 702284.7720 | 1164186.2790 | 1146.72 | | OUTSIDE PROJECT LIMITS |
| 4 | | BL-4 | 702415.3120 | 1164618.5370 | 1140.31 | 12+26.11 | 11.13 LT |
| 5 | | BL-5 | 702678.6840 | 1165067.1090 | 1166.70 | | OUTSIDE PROJECT LIMITS |

| BY | POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|----|-------|-------|-------------|--------------|-----------|-----------|------------------------|
| 6 | | BY-6 | 703065.6840 | 1165202.2960 | 1203.96 | | OUTSIDE PROJECT LIMITS |
| Y5 | | BL-5 | 702678.6840 | 1165067.1090 | 1166.70 | | OUTSIDE PROJECT LIMITS |
| 7 | | BY-7 | 702198.5760 | 1165052.7290 | 1154.60 | 14+87.35 | 390.56 RT |

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4040-1"

WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHING: 702337.3720(f1) EASTING: 1163465.3110(f1) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999802894

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4040-1" TO -L- STATION 10+00.00 IS N 88°24'00" E 935.53'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

```

.....
BM1  ELEVATION = 1159.03
N 702118  E 1163988
L STATION 10+00
S 59° 13' 00.1" W DIST 480.05
8" NAIL IN BASE OF 20" WHITE OAK
.....
BM2  ELEVATION = 1138.49
N 702318  E 1164546
L STATION 11+37 65 RIGHT
8" NAIL IN BASE OF 13" BLACK WALNUT
.....
BM3  ELEVATION = 1154.43
N 702195  E 1165102
L STATION 15+28 419 RIGHT
8" NAIL IN BASE OF 14" TWIN POPLAR
.....
    
```

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](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project)
 THE FILE TO BE FOUND IS AS FOLLOWS:

B4040_LS_CONTROL_040506.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.
 NETWORK ESTABLISHED FROM NGS ONLINE POSITIONING USER SERVICE (OPUS)