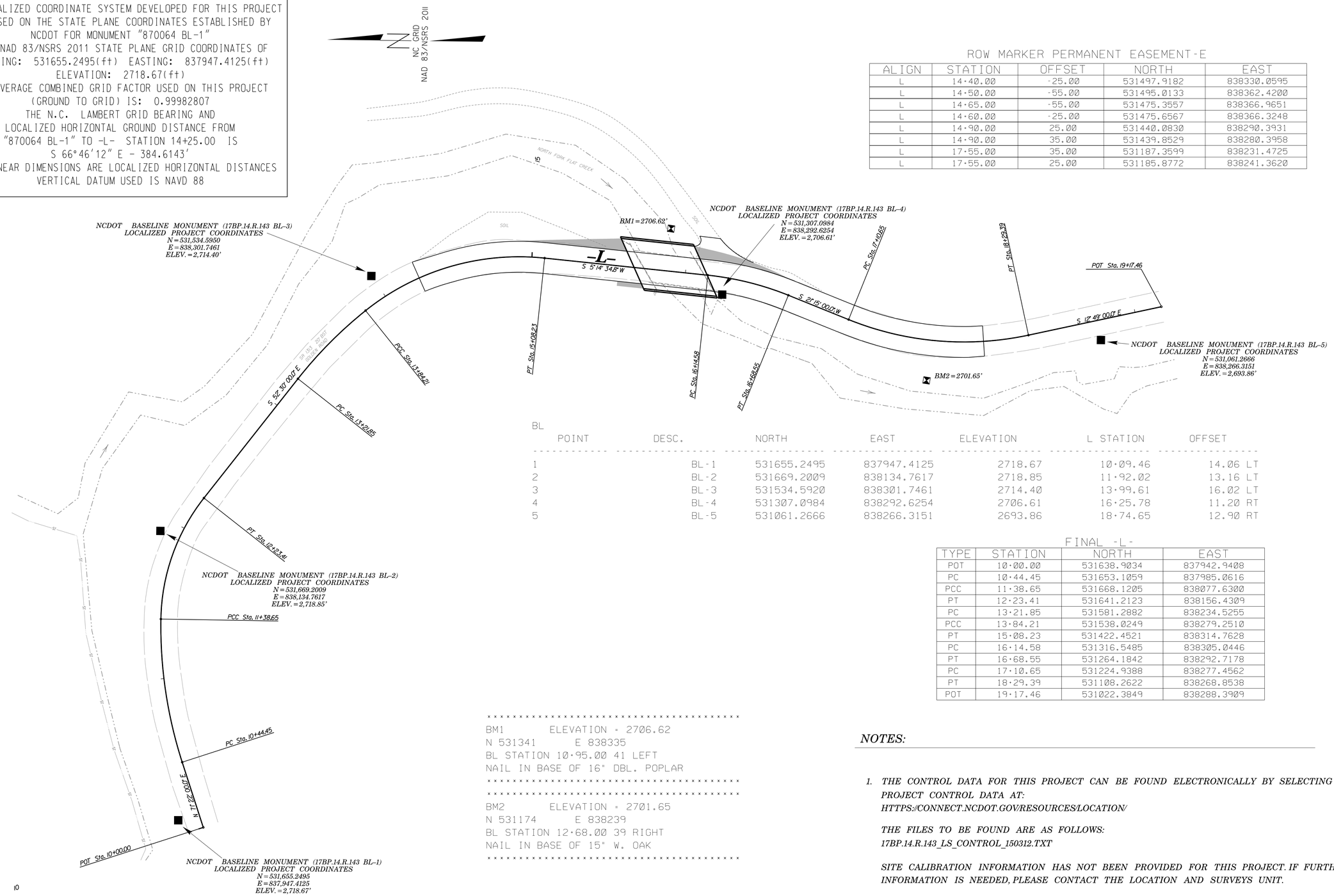
| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 17BP.14.R.143 | 1 – C |
| Location and Surveys | |

# SURVEY CONTROL SHEET 17BP.14.R.143

## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "870064 BL-1"
WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 531655.2495(ft) EASTING: 837947.4125(ft)
ELEVATION: 2718.67(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99982807
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "870064 BL-1" TO -L- STATION 14+25.00 IS
S 66°46'12" E - 384.6143'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88




### ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---|---|---|---|---|
| L | 14+40.00 | -25.00 | 531497.9182 | 838330.0595 |
| L | 14+50.00 | -55.00 | 531495.0133 | 838362.4200 |
| L | 14+65.00 | -55.00 | 531475.3557 | 838366.9651 |
| L | 14+60.00 | -25.00 | 531475.6567 | 838366.3248 |
| L | 14+90.00 | 25.00 | 531440.0830 | 838290.3931 |
| L | 14+90.00 | 35.00 | 531439.8529 | 838280.3958 |
| L | 17+55.00 | 35.00 | 531187.3599 | 838231.4725 |
| L | 17+55.00 | 25.00 | 531185.8772 | 838241.3620 |

BL

| POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 1 | BL-1 | 531655.2495 | 837947.4125 | 2718.67 | 10+09.46 | 14.06 LT |
| 2 | BL-2 | 531669.2009 | 838134.7617 | 2718.85 | 11+92.02 | 13.16 LT |
| 3 | BL-3 | 531534.5920 | 838301.7461 | 2714.40 | 13+99.61 | 16.02 LT |
| 4 | BL-4 | 531307.0984 | 838292.6254 | 2706.61 | 16+25.78 | 11.20 RT |
| 5 | BL-5 | 531061.2666 | 838266.3151 | 2693.86 | 18+74.65 | 12.90 RT |

### FINAL -L-

| TYPE | STATION | NORTH | EAST |
|---|---|---|---|
| POT | 10+00.00 | 531638.9034 | 837942.9408 |
| PC | 10+44.45 | 531653.1059 | 837985.0616 |
| PCC | 11+38.65 | 531668.1205 | 838077.6300 |
| PT | 12+23.41 | 531641.2123 | 838156.4309 |
| PC | 13+21.85 | 531581.2882 | 838234.5255 |
| PCC | 13+84.21 | 531538.0249 | 838279.2510 |
| PT | 15+08.23 | 531422.4521 | 838314.7628 |
| PC | 16+14.58 | 531316.5485 | 838305.0446 |
| PT | 16+68.55 | 531264.1842 | 838292.7178 |
| PC | 17+10.65 | 531224.9388 | 838277.4562 |
| PT | 18+29.39 | 531108.2622 | 838268.8538 |
| POT | 19+17.46 | 531022.3849 | 838288.3909 |

**********
BM1 ELEVATION = 2706.62
N 531341 E 838335
BL STATION 10+95.00 41 LEFT
NAIL IN BASE OF 16" DBL. POPLAR
**********
**********
BM2 ELEVATION = 2701.65
N 531174 E 838239
BL STATION 12+68.00 39 RIGHT
NAIL IN BASE OF 15" W. OAK
**********

NOTE: DRAWING NOT TO SCALE

### NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
17BP.14.R.143_LS_CONTROL_150312.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.

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DATE: 9/9/2015 TIME: 9:55:55 AM