| PROJECT REFERENCE NO. | SHEET NO. |
|---|---|
| 17BP.14.R.125 | 1C-1 |
| Location and Surveys | |

# SURVEY CONTROL SHEET 87-0090
# FINAL

BL

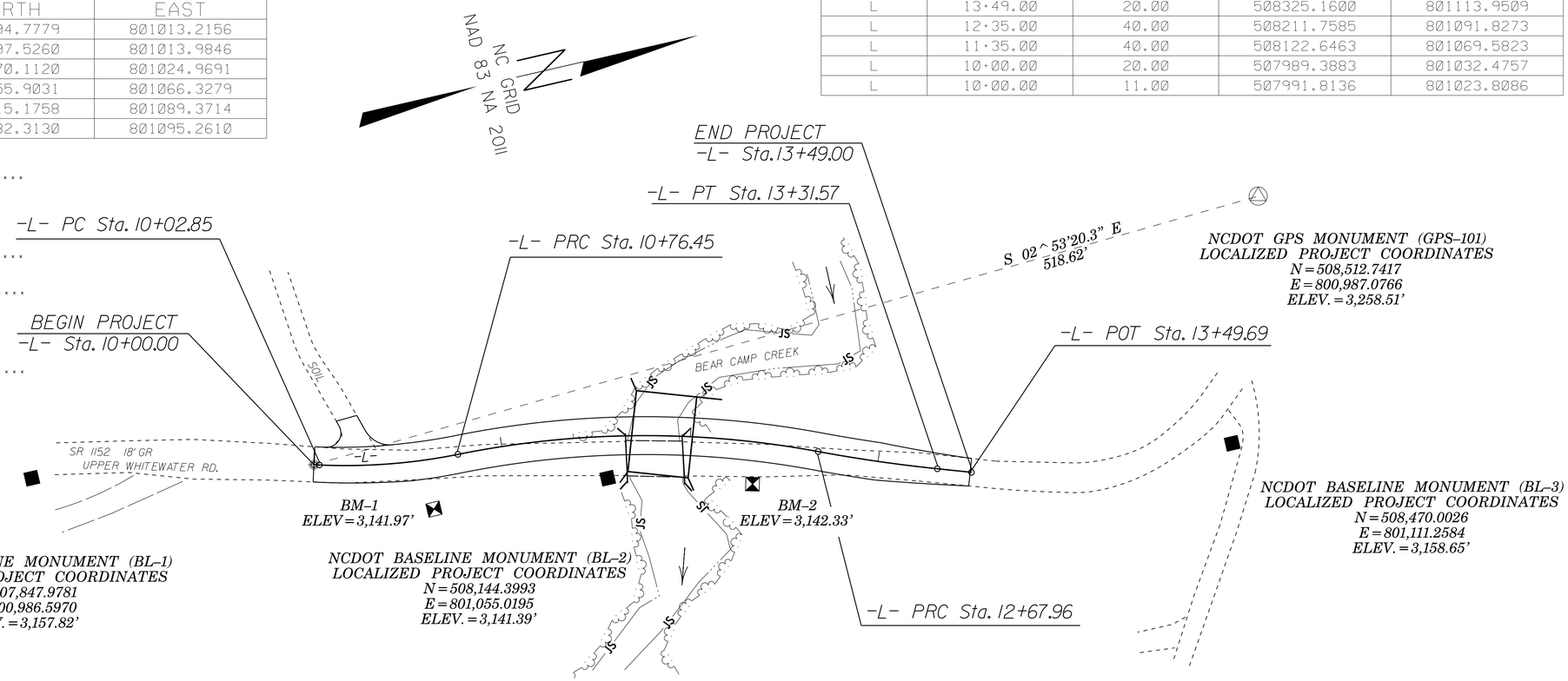
| POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|---|---|---|---|---|---|---|
| 1 | BL-1 | 507847.9781 | 800986.5970 | 3157.82 | OUTSIDE PROJECT LIMITS | |
| 2 | BL-2 | 508144.3993 | 801055.0195 | 3141.39 | 11+55.33 | 22.06 RT |
| 3 | BL-3 | 508470.0026 | 801111.2584 | 3158.65 | OUTSIDE PROJECT LIMITS | |

FINAL -L-

| TYPE | STATION | NORTH | EAST |
|---|---|---|---|
| POT | 10+00.00 | 507994.7779 | 801013.2156 |
| PC | 10+02.85 | 507997.5260 | 801013.9846 |
| PRC | 10+76.45 | 508070.1120 | 801024.9691 |
| PRC | 12+67.96 | 508255.9031 | 801066.3279 |
| PT | 13+31.57 | 508315.1758 | 801089.3714 |
| POT | 13+49.69 | 508332.3130 | 801095.2610 |

-FINAL- ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|---|---|---|---|---|
| L | 10+00.00 | -11.00 | 507997.7422 | 801002.6225 |
| L | 10+00.00 | -23.00 | 508000.9759 | 800991.0664 |
| L | 11+69.00 | -55.00 | 508173.4706 | 800982.2786 |
| L | 12+72.00 | -44.00 | 508276.9702 | 801027.4998 |
| L | 13+49.00 | -18.00 | 508337.5107 | 801078.0140 |
| L | 13+49.00 | -11.00 | 508335.2356 | 801084.6339 |
| L | 13+49.00 | 11.00 | 508328.0852 | 801105.4395 |
| L | 13+49.00 | 20.00 | 508325.1600 | 801113.9509 |
| L | 12+35.00 | 40.00 | 508211.7585 | 801091.8273 |
| L | 11+35.00 | 40.00 | 508122.6463 | 801069.5823 |
| L | 10+00.00 | 20.00 | 507989.3883 | 801032.4757 |
| L | 10+00.00 | 11.00 | 507991.8136 | 801023.8086 |




BM1 ELEVATION = 3141.97
N 508051 E 801050
BL STATION 7+12.00 16 RIGHT
NAIL IN BASE OF 12" HEMLOCK TREE

BM2 ELEVATION = 3142.33
N 508218 E 801075
BL STATION 8+80.00 7 RIGHT
NAIL IN BASE OF 14" POPLAR TREE

## DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "870090 GPS-101" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 508512.7417(ft) EASTING: 800987.0766(ft) ELEVATION: 3258.51(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99973040
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "870090 GPS-101" TO -L- STATION 10+00.00 IS S 02°53'20.3" W 518.62'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

GEOIDAL MODEL: G12ANC
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:
87-0090_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.

6/2/99

14-SEP-2017 14:27
R:\Location_and_Surveys\870090_ls_lc-1.dgn
$$$$USERNAME$$$$