6/2/99

PROJECT REFERENCE NO.	SHEET NO.
B-5124	1C-1
Location and Surveys	

SURVEY CONTROL SHEET B5124

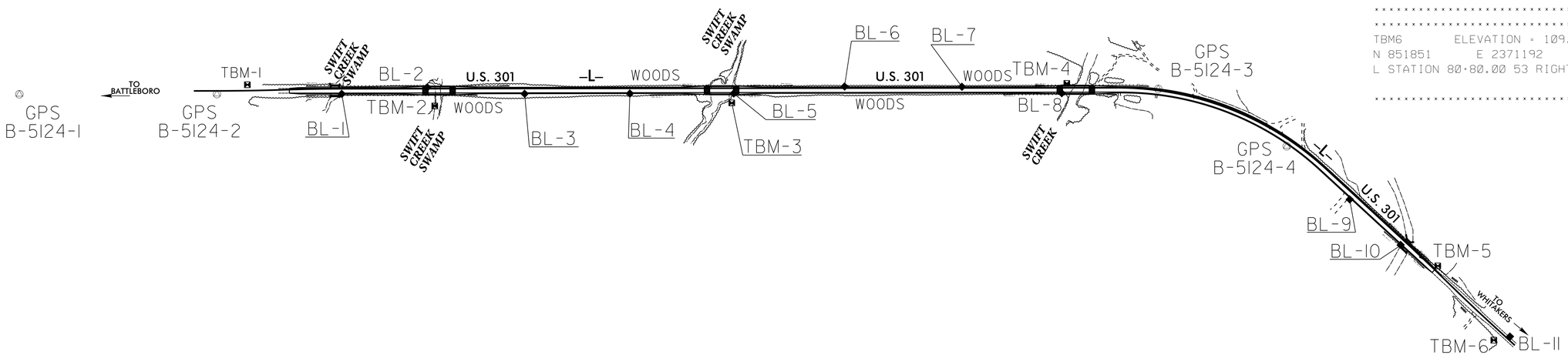
BASELINE DATA

-BL-

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
GPS1	GPS 1	844395.3830	2369708.2290	98.73	OUTSIDE PROJECT LIMITS	
GPS2	GPS 2	845399.7490	2369738.6040	93.63	11+17.45	16.40 RT
1	BL-1	846034.2836	2369757.0437	93.04	17+52.32	25.91 RT
2	BL-2	846470.2711	2369737.6634	92.70	21+87.57	6.46 LT
3	BL-3	846963.9242	2369785.5434	92.76	26+82.43	26.69 RT
4	BL-4	847498.8977	2369800.6857	92.64	32+17.62	25.87 RT
5	BL-5	848026.5311	2369816.9181	92.46	37+45.50	26.37 RT
6	BL-6	848591.1186	2369799.2277	92.00	43+09.31	8.15 LT
7	BL-7	849187.7014	2369818.8967	92.31	49+06.22	6.28 LT
8	BL-8	849693.9541	2369867.3526	93.77	54+13.69	27.06 RT
GPS3	GPS 3	850185.6050	2369861.1360	99.58	59+04.52	7.81 LT
GPS4	GPS 4	850829.5840	2370172.9620	95.02	66+31.24	33.30 RT
9	BL-9	851141.0673	2370452.1664	92.70	70+54.93	31.52 RT
10	BL-10	851392.8956	2370693.1582	91.13	74+03.51	27.20 RT
11	BL-11	851934.0235	2371176.4846	100.26	81+28.39	16.07 LT

BENCHMARK DATA

```
*****************************************
TBM1       ELEVATION = 91.94
N 845556      E 2369696
L STATION 12+73.00 30 LEFT
RAILROAD SPIKE IN BASE OF 12" SWEET GUM
*****************************************
*****************************************
TBM2       ELEVATION = 89.60
N 846505      E 2369834
L STATION 22+25.00 88 RIGHT
BRIDGE NAIL IN 12" CYPRESS
*****************************************
*****************************************
TBM3       ELEVATION = 91.02
N 848015      E 2369865
L STATION 37+36.00 74 RIGHT
BRIDGE SPIKE IN BASE OF 10" WATER OAK
*****************************************
*****************************************
TBM4       ELEVATION = 92.94
N 849722      E 2369819
L STATION 54+40.00 23 LEFT
BRIDGE SPIKE IN BASE OF 8" OAK
*****************************************
*****************************************
TBM5       ELEVATION = 91.08
N 851578      E 2370806
L STATION 76+14.00 25 LEFT
RAILROAD SPIKE IN BASE OF 21" SWEET GUM
*****************************************
*****************************************
TBM6       ELEVATION = 109.04
N 851851      E 2371192
L STATION 80+80.00 53 RIGHT
*****************************************
```



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B-5124-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 845399.75(ft) EASTING: 2369738.60(ft)
ELEVATION: 93.63(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: .999974556
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-5124-2" TO -L- STATION 10+00.00 IS
S 09°39'30.6" W 118.59'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

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/PAGES/DEFAULT.ASPX

   THE FILES TO BE FOUND ARE AS FOLLOWS:
   B5124_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.