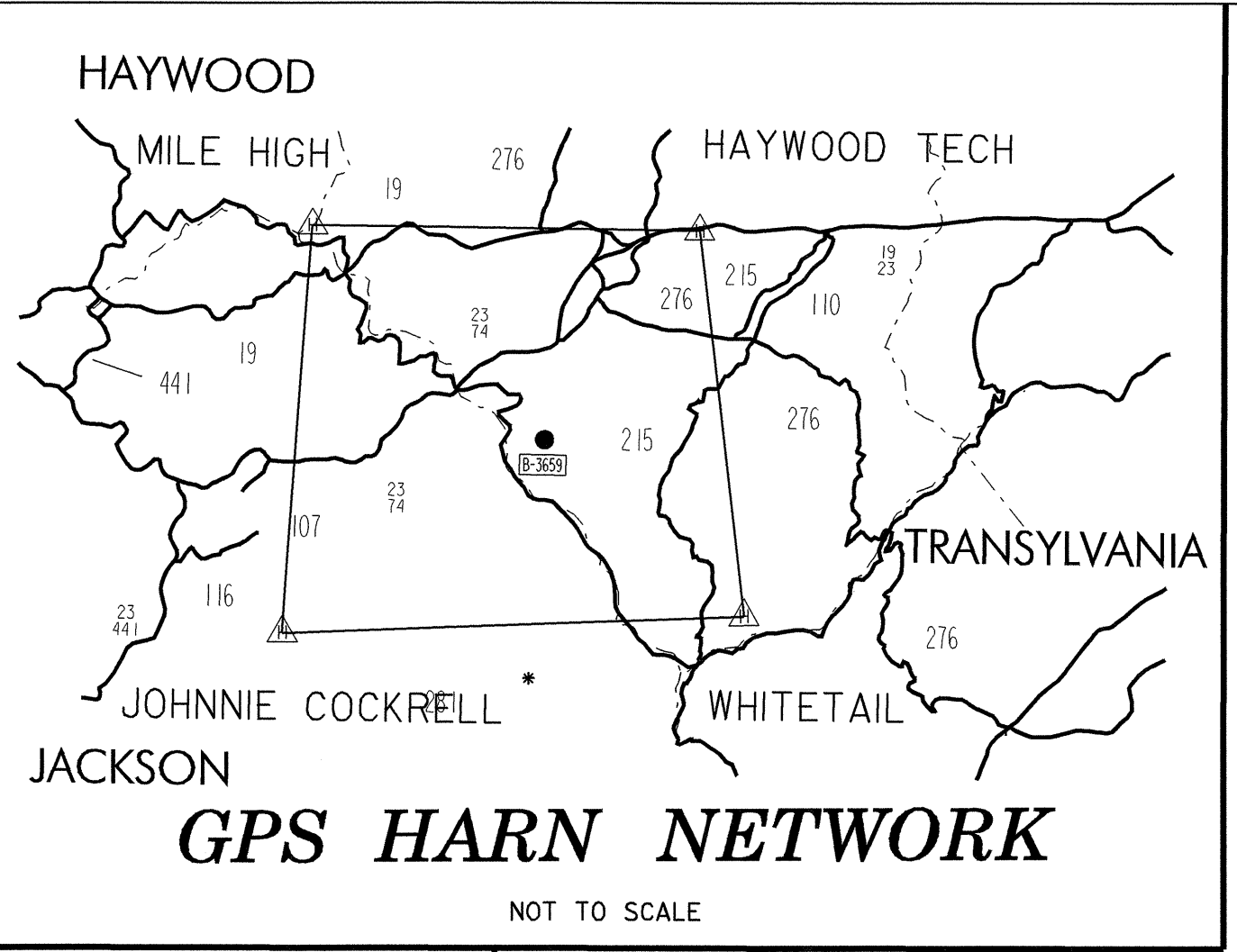


8/17/99



B3659 SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-3659	1 C
LOCATION AND SURVEYS	

.....
 BM-1 ELEVATION = 3031.63
 N 636964 E 806136
 L STATION 11+08 15 RIGHT
 RAILROAD SPIKE SET IN 30" SYCAMORE

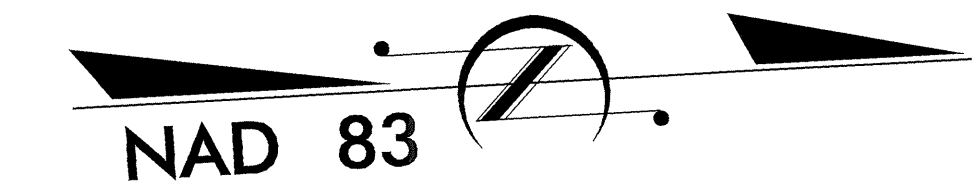
BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1	636898.4500	806142.6100	3027.38	10+43.53	12.95 RT
2	BL-2	637218.5110	806037.2430	3020.97	13+86.12	16.49 RT
3	BL-3-B3659-102	637618.0410	806202.9510	3008.44	OUTSIDE PROJECT LIMITS	

.....
 BM-2 ELEVATION = 3021.24
 N 637205 E 806055
 L STATION 13+67 33 RIGHT
 RAILROAD SPIKE SET IN 36" MAPLE

BY POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
4	BY-4	637513.4740	805853.7860	3020.49	10+23.67	11.83 RT
5	BY-5	637218.5110	806037.2430	3020.97	OUTSIDE PROJECT LIMITS	

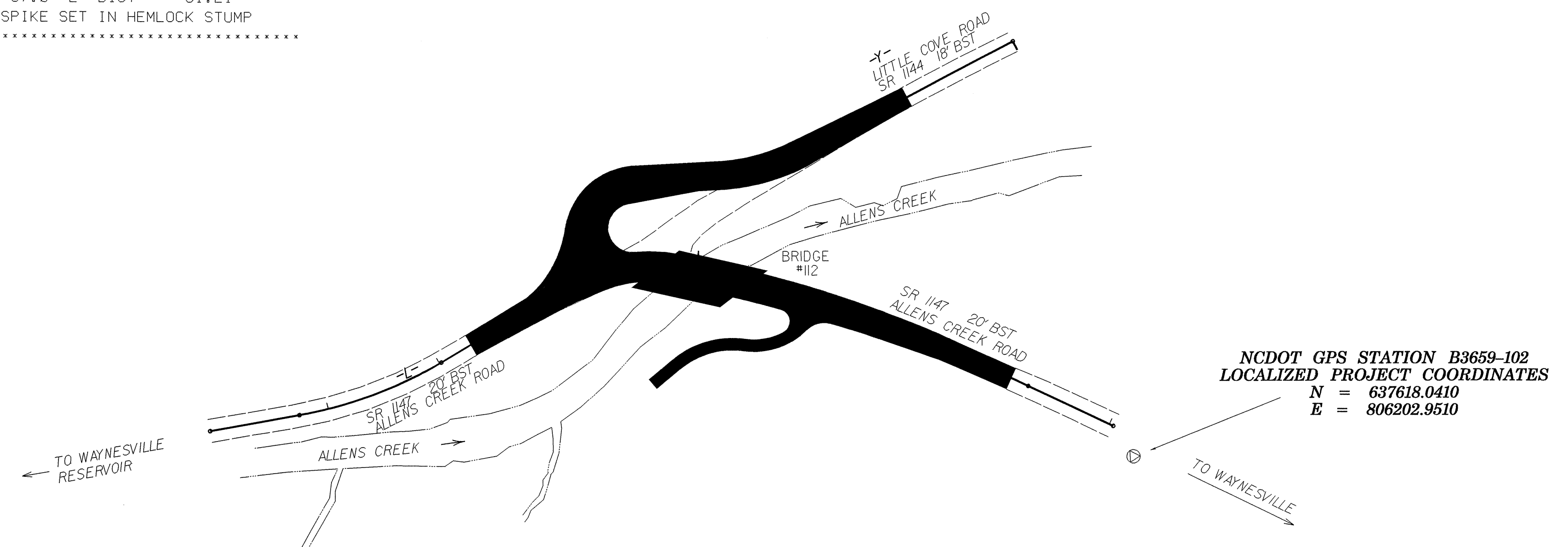
.....
 BM-3 ELEVATION = 3024.96
 N 637518 E 805869
 Y STATION 10+26 4 LEFT
 RAILROAD SPIKE SET IN 12" LOCUST

.....
 BM-4 ELEVATION = 3011.67
 N 637587 E 806226
 L STATION 18+04
 S 72° 20' 57.0" E DIST 51.21
 RAILROAD SPIKE SET IN HEMLOCK STUMP



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 FILES TO BE FOUND ARE AS FOLLOWS:
B3659_LS_CONTROL_030917.TXT



NCDOT GPS STATION B3659-102
 LOCALIZED PROJECT COORDINATES
 N = 637618.0410
 E = 806202.9510

NCDOT GPS STATION B3659-101
 LOCALIZED PROJECT COORDINATES
 N = 638088.2080
 E = 806453.5380

DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3656-102"
 WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF
 NORTHING: 637618.041(ft) EASTING: 806202.951(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999738346
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3656-102" TO -L- STATION 10+00.00 IS
 S 5°06'04" W 767.36'
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

⊗ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
 PROJECT CONTROL ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEM.
 NETWORK ESTABLISHED FROM EXISTING HARN MONUMENTATION.

NOTE: DRAWING NOT TO SCALE

25-OCT-2004 14:15
 B:\proj\B3659\ls_16_030923.dgn
 B3659\ls_16_030923.dgn AT RD18717