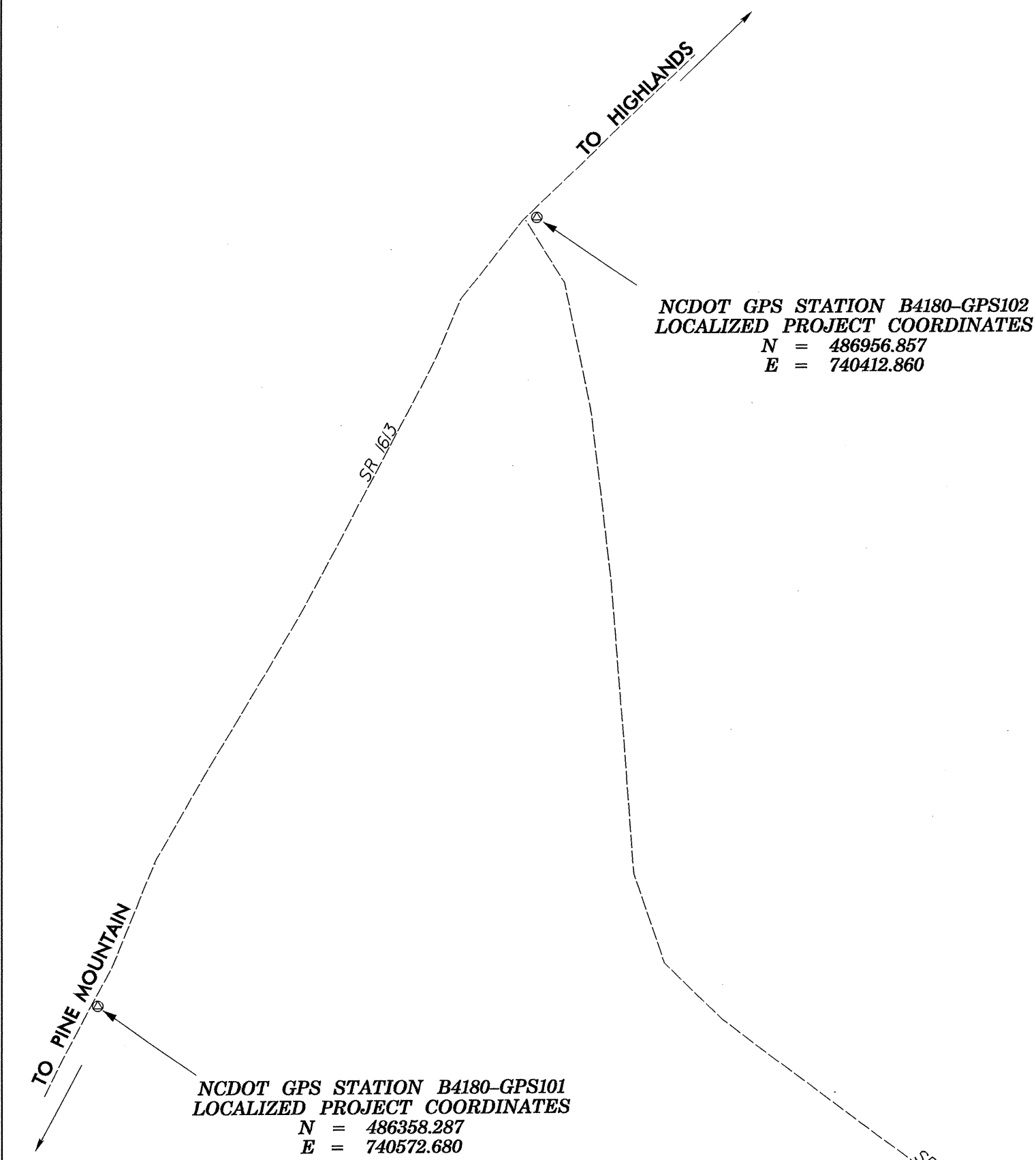


B4180 SURVEY CONTROL SHEET



CONTROL DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL1		486670.1880	741359.0640	2535.16	OUTSIDE PROJECT LIMITS	
2	BL2		486754.3610	741852.2510	2515.36	12+59.15	13.41 RT
3	BL3		487077.1130	742196.4620	2514.84	17+28.61	2.19 LT
4	BL4		487310.0260	742420.9110	2529.30	20+51.45	13.76 LT
5	BL5		487505.7440	742713.5170	2532.28	24+00.88	12.68 LT

BENCHMARK DATA

.....
 BM1 ELEVATION = 2524.12
 N 486664 E 741538
 L STATION 10+00
 S 50° 31' 40.3" W DIST 73.44
 8" SPIKE IN CENTER OF 13" PINE STUMP

 BM2 ELEVATION = 2513.69
 N 487054 E 742213
 L STATION 17+25 26 RIGHT
 8" SPIKE IN BASE OF 27" DOUBLE POPLAR

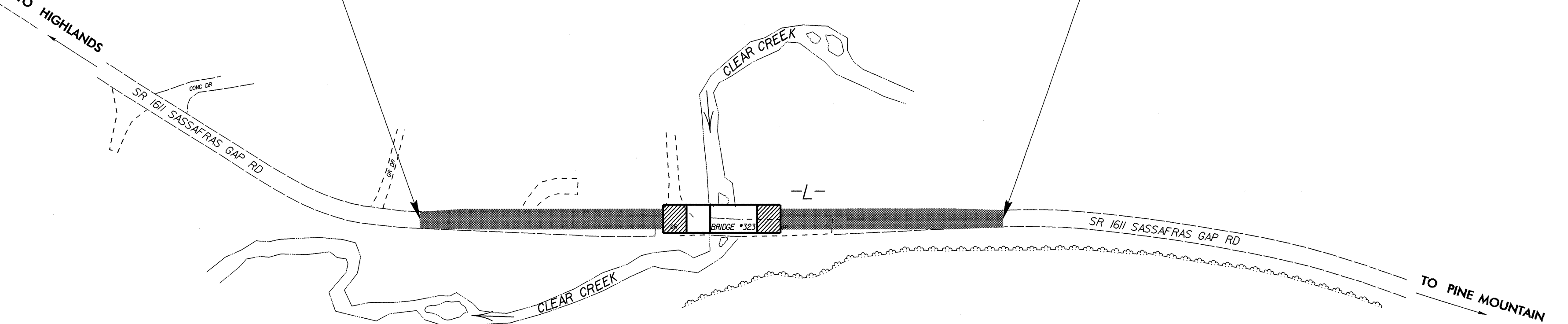
 BM3 ELEVATION = 2538.55
 N 487482 E 742758
 L STATION 24+31 28 RIGHT
 8" SPIKE IN BASE OF 14" OAK TREE

I. 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/)
 FILE: B4180_LS_CONTROL_030709.TXT

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

-L STA 13+80.00 BEGIN STATE PROJECT 33527.11
 LOCALIZED PROJECT COORDINATES
 N = 486832.837
 E = 741947.717

-L STA 20+00.00 END STATE PROJECT 33527.11
 LOCALIZED PROJECT COORDINATES
 N = 487264.472
 E = 742392.812



DATUM DESCRIPTION
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4180 - GPS 102"
 WITH NAD 1983/95 STATE PLANE GRID COORDINATES OF NORTHING: 486956.857(ft) EASTING: 740412.860(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999760687
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4180 - GPS 102" TO -L- STATION 13+80.00 IS S 85° 22' 52.17" E @ 1539.858(ft)
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

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/)
 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)
 SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

NOTE: DRAWING NOT TO SCALE