

5/14/99
08 JUN 2004 07:23
K:\PROJECTS\B3649\ls_040601.dgn
JL Teague

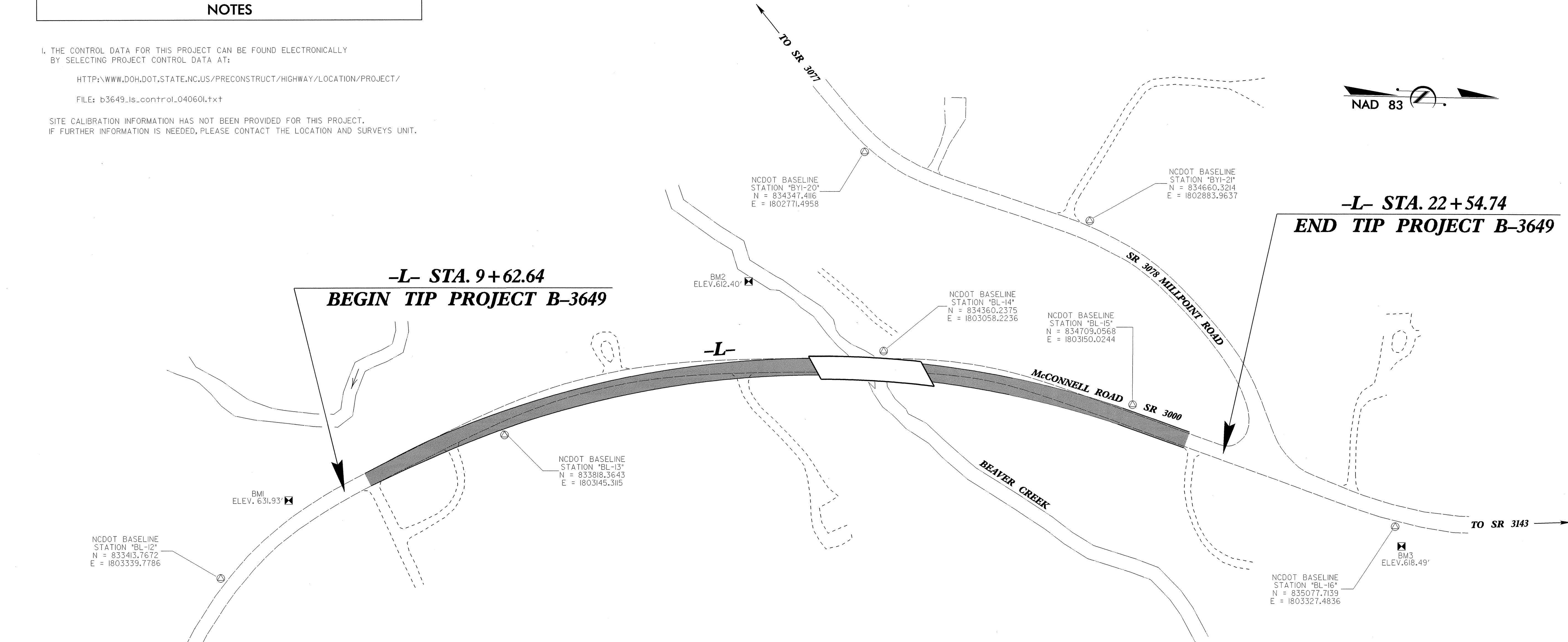
B-3649 SURVEY CONTROL SHEET

NOTES

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/
FILE: b3649_ls_control_040601.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. 9+62.64
BEGIN TIP PROJECT B-3649**

**-L- STA. 22+54.74
END TIP PROJECT B-3649**

| | |
|----------------------------|--------------------|
| ***** | |
| BM1 | ELEVATION = 631.93 |
| N 833512 | E 1803235 |
| L STATION 5+00 | |
| S 29° 00' 43.8" E DIST | 954.75 |
| RR SPIKE SET IN 17" GUM | |
| ***** | |
| BM2 | ELEVATION = 612.40 |
| N 834176 | E 1802949 |
| L STATION 5+00 | |
| S 46° 00' 50.1" E DIST | 246.97 |
| RR SPIKE SET IN 13" POPLAR | |
| ***** | |
| BM3 | ELEVATION = 618.49 |
| N 835086 | E 1803357 |
| L STATION 14+42 | |
| N 74° 59' 53.4" E DIST | 30.94 |
| RR SPIKE SET IN 14" PINE | |
| ***** | |

| BL POINT | DESC. | NORTH | EAST | ELEVATION | L STATION | OFFSET |
|----------|--------|-------------|--------------|-----------|-----------|------------|
| 111 | BL-11 | 833248.6907 | 1803658.1969 | 636.75 | 10+40.01 | 622.61 LT |
| 112 | BL-12 | 833413.7672 | 1803339.7786 | 632.22 | 10+40.01 | 288.80 RT |
| 113 | BL-13 | 833818.3643 | 1803145.3115 | 633.81 | 12+03.43 | 11.53 RT |
| 114 | BL-14 | 834360.2375 | 1803058.2236 | 614.37 | 17+53.24 | 21.06 LT |
| 115 | BL-15 | 834709.0568 | 1803150.0244 | 622.82 | 21+10.29 | 13.73 LT |
| 116 | BL-16 | 835077.7139 | 1803327.4836 | 616.40 | 10+40.01 | 1421.63 LT |
| BY1 | | | | | | |
| 120 | BY1-20 | 834347.4116 | 1802771.4958 | 661.55 | 5+00.00 | 0.00 |
| 121 | BY1-21 | 834660.3214 | 1802883.9637 | 650.89 | 19+90.71 | 250.43 LT |
| 122 | BL-16 | 835077.7139 | 1803327.4836 | 616.40 | 10+40.01 | 1421.63 LT |

⊙ 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 EXISTING NCGS MONUMENTATION.

NOTE: DRAWING NOT TO SCALE

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B3649-1" WITH STATE PLANE GRID COORDINATES OF NORTHING: 836228.9673(ft) EASTING: 1803370.3303(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999941580 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B3649-1" TO -L- STATION 10+00.00 S 3° 32' 02.22" W 2,607.859 (ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88