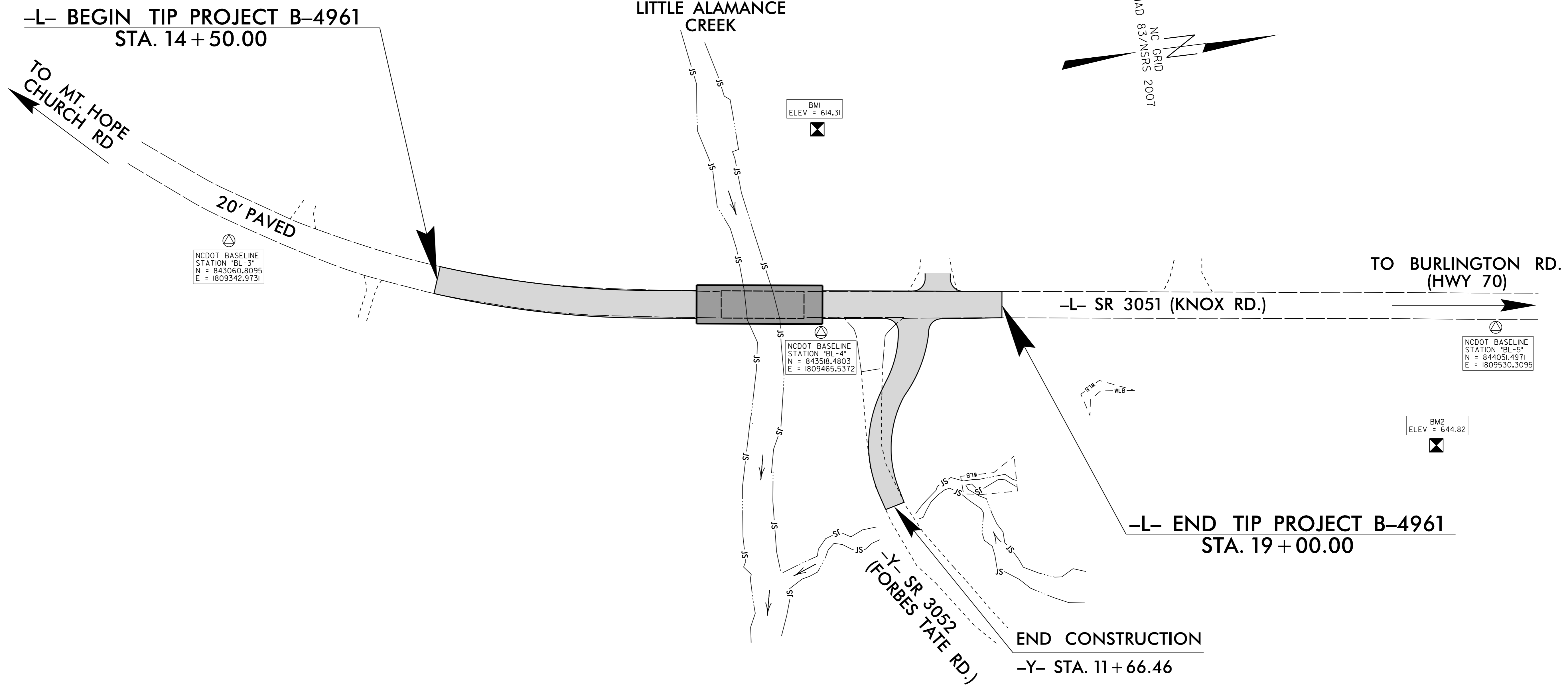


12/01/2005

B-4961 SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-4961	1C-1
Location and Surveys	



NOTES

- 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](https://connect.ncdot.gov/resources/location/pages/default.aspx)
THE FILES TO BE FOUND ARE AS FOLLOWS:
B4961_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.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4961-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 842650.9330(ft) EASTING: 1808969.9940(ft)
ELEVATION: 664.96'(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999458801
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4961-2" TO -L- STATION 14+50.00 IS
N 36°37'51" E 710.57'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BASILINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	B4961-1		841940.5470	1808230.5780	695.42	OUTSIDE PROJECT LIMITS	
2	B4961-2		842650.9330	1808969.9940	664.96	OUTSIDE PROJECT LIMITS	
3	BL-3		843060.8095	1809342.9731	639.15	12+85.86	24.69 RT
4	BL-4		843518.4803	1809465.5372	620.26	17+55.29	15.36 RT
5	BL-5		844051.4971	1809530.3095	653.08	22+92.23	13.70 RT

BENCHMARK DATA

.....
 BM1 ELEVATION - 614.31
 N 843535 E 1809312
 L STATION 17+53.00 139 LEFT
 RR SPIKE IN ROOT OF 15' SWEET GUM

 BM2 ELEVATION - 644.82
 N 843993 E 1809620
 L STATION 22+45.00 110 RIGHT
 RR SPIKE IN ROOT OF 36' POPLAR

NOTE: DRAWING NOT TO SCALE

23-FEB-2016 12:22 L:\4961.LS-1C-1.dgn