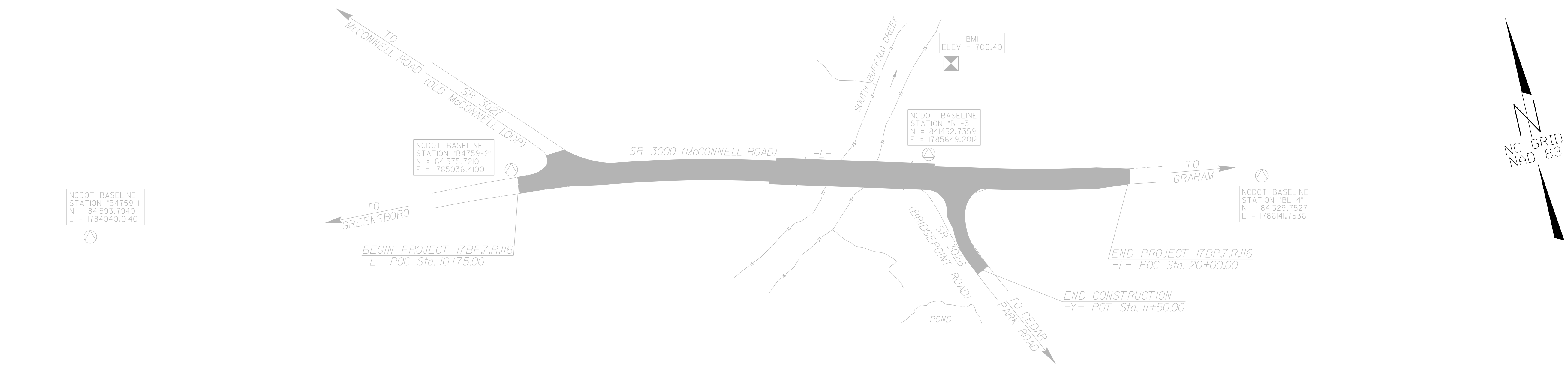


# 40-0224 SURVEY CONTROL SHEET



**-L- FINAL NEW PERMANENT DRAINAGE UTILITY EASEMENTS**

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+74.31	-50.00	841598.4354	1785145.7838
L	12+10.59	-55.00	841598.6851	1785183.4243
L	14+30.00	-75.00	841574.1314	1785409.9644
L	14+30.00	-65.00	841564.4548	1785407.4420
L	14+45.00	-65.00	841560.6322	1785422.0347
L	14+45.00	-75.00	841570.3056	1785424.5697
L	16+70.00	-65.00	841503.5937	1785639.6849
L	16+70.00	-75.00	841513.2670	1785642.2199
L	16+80.00	-75.00	841510.7320	1785651.8933
L	16+80.00	-65.00	841501.0587	1785649.3582
L	18+10.00	-55.00	841458.8050	1785771.9004
L	18+10.00	-60.00	841463.6585	1785773.1020
L	18+20.00	-55.00	841456.4863	1785781.3616
L	18+20.00	-60.00	841461.3454	1785782.5403
L	18+39.60	50.00	841349.8075	1785776.1203
L	19+45.00	60.00	841318.1172	1785879.9761
L	19+50.00	-45.00	841420.5700	1785903.5048
L	20+00.00	-29.98	841397.6858	1785949.4865
L	20+00.00	30.02	841338.3870	1785940.3252

**-Y- FINAL NEW PERMANENT UTILITY EASEMENTS**

ALIGN	STATION	OFFSET	NORTH	EAST
Y	10+85.00	34.87	841337.5911	1785642.0214
Y	10+85.00	65.00	841336.1362	1785611.9221
Y	10+95.00	32.36	841324.5455	1785645.8230
Y	10+95.00	65.00	841319.7227	1785613.5407

**-L- FINAL NEW PERMANENT DRAINAGE EASEMENTS**

ALIGN	STATION	OFFSET	NORTH	EAST
L	11+26.66	30.39	841523.4500	1785089.8035
L	16+97.37	56.33	841379.2928	1785635.4024

**L**

TYPE	STATION	NORTH	EAST
PC	10+00.00	841560.9058	1784966.1386
PT	14+32.42	841500.9448	1785393.3870
PC	17+81.08	841412.5564	1785730.6633
PT	20+50.00	841361.0046	1785994.4080

**Y**

TYPE	STATION	NORTH	EAST
POT	10+00.00	841422.2111	1785693.8225
PC	10+54.54	841369.4526	1785679.9963
PT	11+24.41	841301.2932	1785686.3561
POT	12+00.00	841232.9748	1785718.7177

**BASILINE DATA**

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		GPS B4759-1	841593.7940	1784040.0140	728.34
2		GPS B4759-2	841575.7210	1785036.4100	708.55
3		BL-3	841452.7359	1785649.2012	710.50
4		BL-4	841329.7527	1786141.7536	723.77

**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:  
400224\_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 "B4759-2" WITH NAD 83 STATE PLANE GRID COORDINATES OF  
NORTHING: 841575.7210(±) EASTING: 1785036.4100(±)  
ELEVATION: 708.55(±)  
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999429854  
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4759-2" TO -L- STATION 10+75.00 IS  
S 14°28'42" E 18.62'  
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
VERTICAL DATUM USED IS NAVD 88

**BENCHMARK DATA**

\*\*\*\*\*  
BM1 ELEVATION = 706.40  
N 841574 E 1785714  
BL STATION 21+55.00 133 LEFT  
RAILROAD SPIKE SET IN 20' SWEETGUM TREE  
\*\*\*\*\*