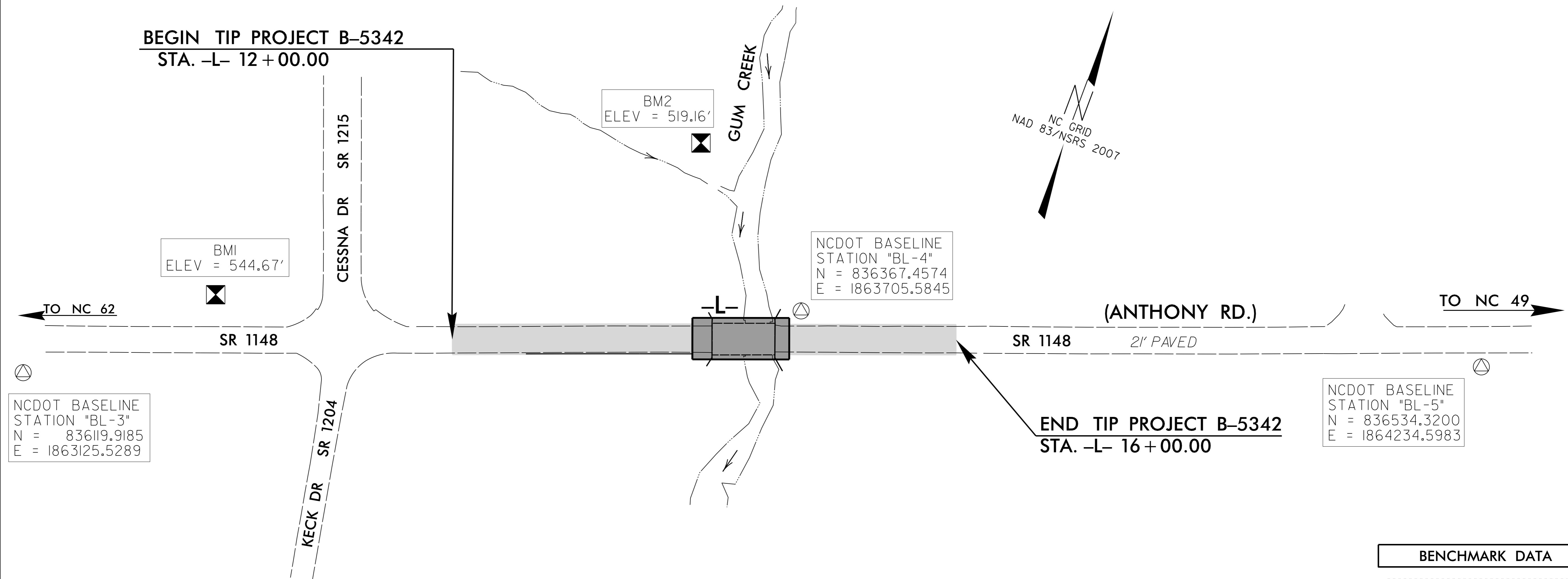


# B-5342 SURVEY CONTROL SHEET

BEGIN TIP PROJECT B-5342  
STA. -L- 12+00.00



END TIP PROJECT B-5342  
STA. -L- 16+00.00

NCDOT BASELINE STATION "BL-3"  
N = 836119.9185  
E = 1863125.5289

NCDOT BASELINE STATION "BL-4"  
N = 836367.4574  
E = 1863705.5845

NCDOT BASELINE STATION "BL-5"  
N = 836534.3200  
E = 1864234.5983

### BASILINE DATA

| BL POINT | DESC.   | NORTH       | EAST         | ELEVATION | L STATION              | OFFSET   |
|----------|---------|-------------|--------------|-----------|------------------------|----------|
| 1        | B5342-1 | 835621.7640 | 1861535.0060 | 598.64    | OUTSIDE PROJECT LIMITS |          |
| 2        | B5342-2 | 835906.8540 | 1862498.8930 | 565.70    | OUTSIDE PROJECT LIMITS |          |
| 3        | BL-3    | 836119.9185 | 1863125.5289 | 549.71    | OUTSIDE PROJECT LIMITS |          |
| 4        | BL-4    | 836367.4574 | 1863705.5845 | 524.01    | 14+66.27               | 14.39 LT |
| 5        | BL-5    | 836534.3200 | 1864234.5983 | 538.24    | OUTSIDE PROJECT LIMITS |          |

### BENCHMARK DATA

.....  
 BMI ELEVATION = 544.67'  
 N 836228 E 1863273  
 L STATION 10+12.00 36' LEFT  
 RR SPIKE IN 12" WALNUT  
 .....  
 BM2 ELEVATION = 519.16'  
 N 836472 E 1863601  
 L STATION 14+05.00 148' LEFT  
 RR SPIKE IN 20" SWEETGUM  
 .....

### 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:  
B5342\_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.  
 NETWORK ESTABLISHED FROM NGS ONLINE POSITIONING SERVICE (OPUS)

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5342-2" WITH NAD 83 / NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 835906.854(ft) EASTING: 1862498.893(ft) ELEVATION: 565.70(ft)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000537609  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5342-2" TO -L- STATION 12+00.00 IS  
 N69°49'09"E 1.025.31'  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NAVD 88

| TYPE | STATION  | L           |              |
|------|----------|-------------|--------------|
|      |          | NORTH       | EAST         |
| POT  | 10+00.00 | 836189.9800 | 1863274.1251 |
| PC   | 12+75.74 | 836287.3013 | 1863532.1194 |
| PT   | 13+57.96 | 836316.1622 | 1863609.1071 |
| POT  | 18+98.62 | 836504.9049 | 1864115.7523 |

### -L- PRELIMINARY NEW R/W MONUMENTS

| ALIGN | STATION  | OFFSET | NORTH       | EAST         |
|-------|----------|--------|-------------|--------------|
| L     | 15+37.04 | -62.00 | 836436.7786 | 1863755.2786 |
| L     | 16+00.00 | -62.04 | 836458.7973 | 1863814.2610 |
| L     | 16+00.00 | -30.29 | 836429.0418 | 1863825.3459 |

### -L- PRELIMINARY NEW DRAINAGE UTILITY EASEMENTS

| ALIGN | STATION        | OFFSET | NORTH       | EAST         |
|-------|----------------|--------|-------------|--------------|
| L     | 14+72.00       | -60.00 | 836412.1986 | 1863695.0270 |
| L     | 13+87.00       | -60.00 | 836382.5253 | 1863615.3747 |
| L     | 13+87.00       | -30.46 | 836354.8423 | 1863625.6876 |
| L     | 14+72.00       | -30.39 | 836384.4514 | 1863705.3638 |
| L     | 18+21.08       | 60.00  | 836421.6100 | 1864064.0345 |
| L     | 13+96.00       | 60.11  | 836273.1160 | 1863665.7376 |
| L     | 14+29.00       | 60.10  | 836284.6441 | 1863696.6586 |
| L     | OUTSIDE LIMITS | 60.00  | 836076.9578 | 1863143.4757 |

NOTE: DRAWING NOT TO SCALE

12/01/2005  
27-AUG-2015 09:26 B5342.L.S.-1C.DGN  
C:\PROJECTS\B5342\B5342.L.S.-1C.DGN