

# SURVEY CONTROL SHEET B-5159

| BL POINT | DESC. | NORTH       | EAST        | ELEVATION | L STATION | OFFSET   |
|----------|-------|-------------|-------------|-----------|-----------|----------|
| 1        | BL-1  | 591451.2240 | 769428.2170 | 2200.95   | 10+28.47  | 81.07 RT |
| 2        | BL-2  | 591730.2370 | 769317.1570 | 2210.79   | 13+47.04  | 23.78 RT |
| 3        | BL-3  | 592092.9440 | 769381.7520 | 2219.69   | 17+15.23  | 14.89 LT |

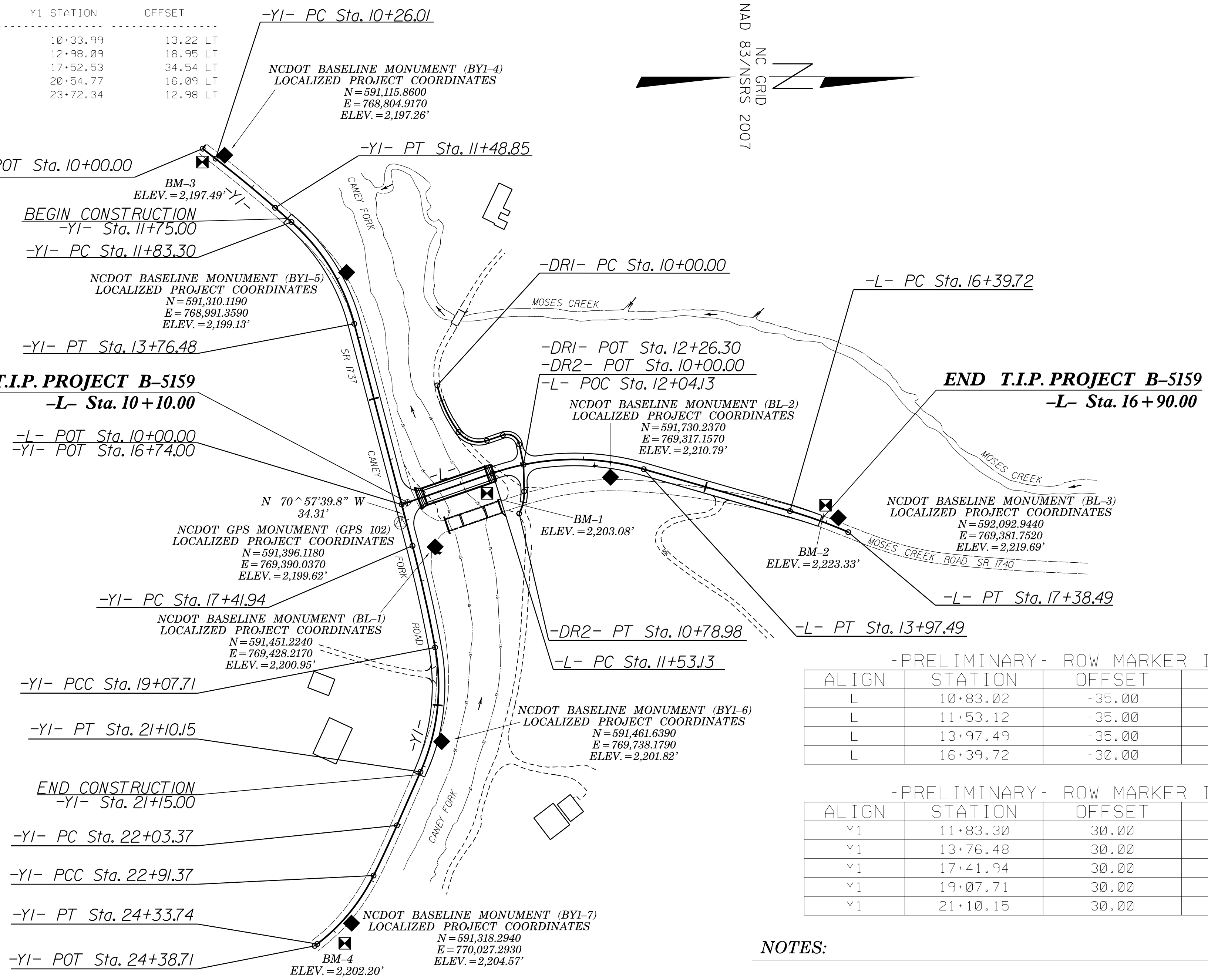
| BY1 POINT | DESC. | NORTH       | EAST        | ELEVATION | Y1 STATION | OFFSET   |
|-----------|-------|-------------|-------------|-----------|------------|----------|
| 4         | BY1-4 | 591115.8600 | 768804.9170 | 2197.26   | 10+33.99   | 13.22 LT |
| 5         | BY1-5 | 591310.1190 | 768991.3590 | 2199.13   | 12+98.09   | 18.95 LT |
| 11        | BL-1  | 591451.2240 | 769428.2170 | 2200.95   | 17+52.53   | 34.54 LT |
| 6         | BY1-6 | 591461.6390 | 769738.1790 | 2201.82   | 20+54.77   | 16.09 LT |
| 7         | BY1-7 | 591318.2940 | 770027.2930 | 2204.57   | 23+72.34   | 12.98 LT |

-L- PRELIMINARY

| TYPE | STATION  | NORTH       | EAST        |
|------|----------|-------------|-------------|
| POT  | 10+00.00 | 591397.8564 | 769360.8704 |
| PC   | 11+53.13 | 591542.6007 | 769310.9070 |
| PT   | 13+97.49 | 591783.0989 | 769304.4318 |
| PC   | 16+39.72 | 592015.9854 | 769371.0318 |
| PT   | 17+38.49 | 592108.7999 | 769404.6111 |
| POT  | 17+38.50 | 592108.7999 | 769404.6111 |

-Y1- PRELIMINARY

| TYPE | STATION  | NORTH       | EAST        |
|------|----------|-------------|-------------|
| POT  | 10+00.00 | 591080.8553 | 768794.5374 |
| PC   | 10+26.01 | 591101.4359 | 768810.4503 |
| PT   | 11+48.85 | 591196.2395 | 768888.5191 |
| PC   | 11+83.30 | 591222.1515 | 768911.2274 |
| PT   | 13+76.48 | 591322.2918 | 769073.1057 |
| PC   | 17+41.94 | 591415.1122 | 769426.5838 |
| PCC  | 19+07.71 | 591451.1362 | 769588.3475 |
| PT   | 21+10.15 | 591427.9985 | 769786.4648 |
| PC   | 22+03.37 | 591390.4997 | 769871.8142 |
| PCC  | 22+91.37 | 591353.3680 | 769951.5910 |
| PT   | 24+33.74 | 591263.7274 | 770060.5592 |
| POT  | 24+38.71 | 591259.7771 | 770063.5704 |



-PRELIMINARY- ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION  | OFFSET | NORTH       | EAST        |
|-------|----------|--------|-------------|-------------|
| L     | 10+83.02 | -35.00 | 591464.9134 | 769300.6969 |
| L     | 11+53.12 | -35.00 | 591531.1758 | 769277.8242 |
| L     | 13+97.49 | -35.00 | 591792.7223 | 769270.7807 |
| L     | 16+39.72 | -30.00 | 592024.2341 | 769342.1881 |

-PRELIMINARY- ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION  | OFFSET | NORTH       | EAST        |
|-------|----------|--------|-------------|-------------|
| Y1    | 11+83.30 | 30.00  | 591202.3789 | 768933.7895 |
| Y1    | 13+76.48 | 30.00  | 591293.2755 | 769080.7252 |
| Y1    | 17+41.94 | 30.00  | 591386.0959 | 769434.2032 |
| Y1    | 19+07.71 | 30.00  | 591421.6287 | 769593.7611 |
| Y1    | 21+10.15 | 30.00  | 591400.5326 | 769774.3975 |

-PRELIMINARY- ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION  | OFFSET | NORTH       | EAST        |
|-------|----------|--------|-------------|-------------|
| Y1    | 12+88.00 | -35.25 | 591318.9496 | 768973.8304 |
| Y1    | 12+88.00 | -65.00 | 591344.6329 | 768958.8152 |
| Y1    | 13+12.00 | -57.00 | 591351.0522 | 768987.7090 |
| Y1    | 13+12.00 | -36.51 | 591332.6448 | 768996.7190 |

**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "GPS 102"

WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 591,396.1180(ft) EASTING: 769,390.0370(ft) ELEVATION: 2,199.62(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9997228

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS 102" TO -L- STATION 10+10.00 IS N 70°57'39.8" W 34.31'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

**NOTES:**

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT: [HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION](https://connect.ncdot.gov/resources/location)

THE FILES TO BE FOUND ARE AS FOLLOWS: B-5159\_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.

GEOID MODEL: G03NC  
NOTE: DRAWING NOT TO SCALE

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