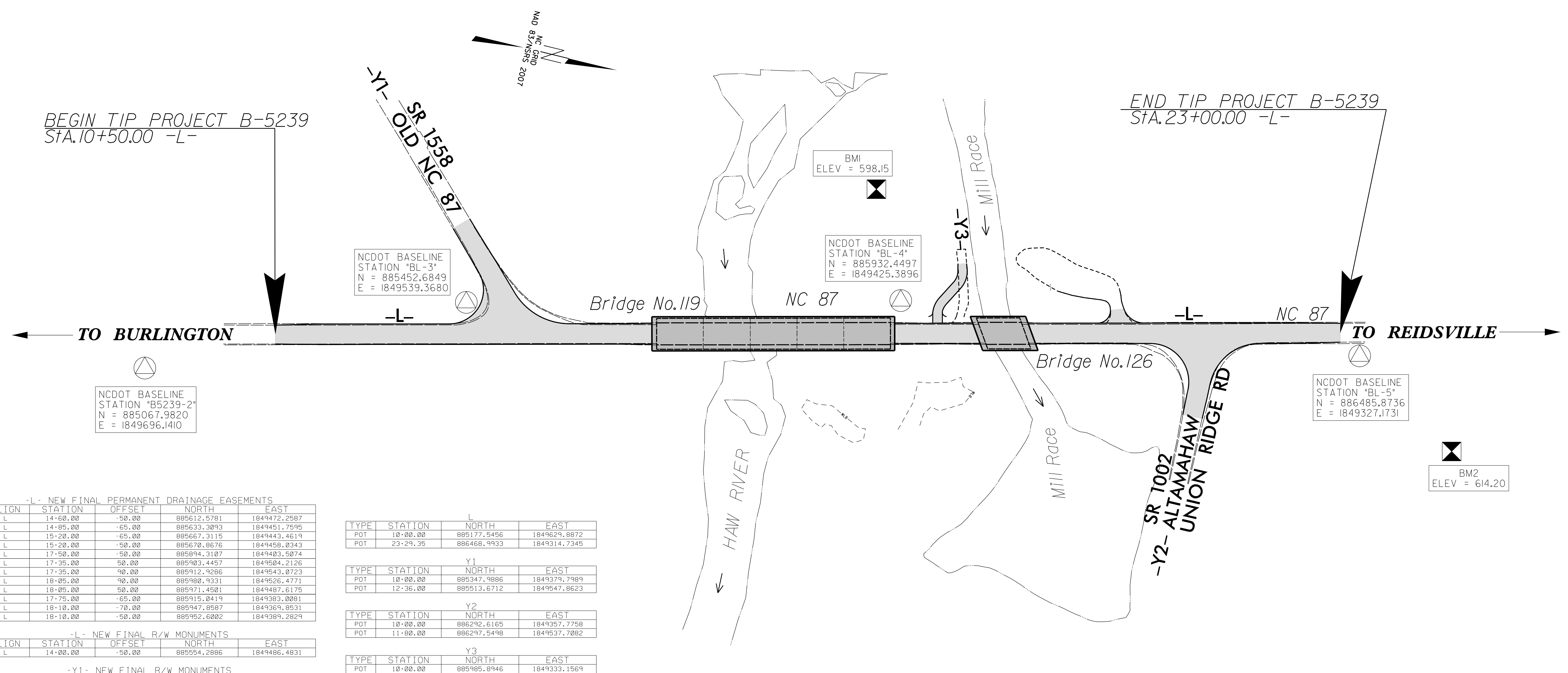


B-5239 SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5239	1-C
Location and Surveys	



-L- NEW FINAL PERMANENT DRAINAGE EASEMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+60.00	-50.00	885612.5791	1849472.2587
L	14+85.00	-65.00	885633.3093	1849451.7595
L	15+20.00	-65.00	885667.3115	1849443.4619
L	15+20.00	-50.00	885670.8676	1849458.0343
L	17+50.00	-50.00	885894.3107	1849403.5074
L	17+35.00	50.00	885903.4457	1849504.2126
L	17+35.00	90.00	885912.9286	1849543.0723
L	18+05.00	90.00	885980.9331	1849526.4771
L	18+05.00	50.00	885971.4501	1849487.6175
L	17+75.00	-65.00	885915.0419	1849383.0081
L	18+10.00	-70.00	885947.8587	1849369.8531
L	18+10.00	-50.00	885952.6002	1849389.2829

-L- NEW FINAL R/W MONUMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+00.00	-50.00	885554.2886	1849486.4831

-Y1- NEW FINAL R/W MONUMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	11+30.00	-30.00	885460.6184	1849451.3149

-L- NEW FINAL DRAINAGE UTILITY EASEMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+50.00	75.00	885535.34825	1849619.77329
L	14+00.00	50.00	885636.28549	1849569.40789
L	12+75.00	75.00	885462.48637	1849637.55381
L	12+45.00	70.00	885432.15625	1849639.80856
L	12+20.00	50.00	885403.12749	1849626.38557
L	14+60.00	70.00	885641.02696	1849588.83772

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	885177.5456	1849629.8872
POT	23+29.35	886468.9933	1849314.7345

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	885347.9886	1849379.7989
POT	12+36.00	885513.6712	1849547.8623

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	886292.6165	1849357.7758
POT	11+80.00	886297.5498	1849537.7082

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	885985.8946	1849333.1569
PC	10+21.99	885992.2293	1849354.2130
PT	10+41.78	885990.2352	1849373.3892
PC	10+66.75	885978.2763	1849395.3076
PT	10+85.22	885975.9357	1849413.2112
POT	11+06.44	885980.9693	1849433.8273

BASELINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	B5239-1		884394.2350	1849774.6250	647.89	OUTSIDE PROJECT LIMITS	
2	B5239-2		885067.9820	1849696.1410	635.98	OUTSIDE PROJECT LIMITS	
3	BL-3		885452.6849	1849539.3680	611.64	12+88.76	22.71 LT
4	BL-4		885932.4497	1849425.3896	608.29	17+81.86	19.70 LT
5	BL-5		886485.8736	1849327.1731	612.69	OUTSIDE PROJECT LIMITS	

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5239-2"

WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 885067.982(±) EASTING: 1849696.141(±) ELEVATION: 635.98'(±)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.0000216323

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5239-2" TO -L- STATION 11+00.00 IS N 23°31'07" W 225.44'

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

BENCHMARK DATA

BM1 ELEVATION = 598.15
 N 885895 E 1849282
 BL STATION 20+84.00 148 LEFT
 RR SPIKE IN BASE OF 20" SYCAMORE

BM2 ELEVATION = 614.20
 N 886622 E 1849420
 BL STATION 26+48.91
 N 09°03'21.59" W DIST 2255.61
 RR SPIKE IN ROOT OF 13" WALNUT

NOTES

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING NCDOT 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:
 B5239_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)