

SURVEY CONTROL SHEET B-3159

PROJECT REFERENCE NO.	SHEET NO.
B-3159	1C-4
Location and Surveys	

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
	3		760268.4837	1628488.8484	796.91	OUTSIDE PROJECT LIMITS	
	1		760804.9660	1628523.3410	788.31	8+28.89	4.76 LT
	4		761415.7978	1628499.4195	786.98	14+40.18	8.70 LT
	2		762013.9240	1628431.8280	784.66	20+43.38	25.93 LT
	5		762533.8835	1628475.7350	799.93	OUTSIDE PROJECT LIMITS	

BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
	7		761074.4645	1626925.9881	755.51	OUTSIDE PROJECT LIMITS	
	8		761316.7296	1627911.5384	765.96	19+49.16	53.83 LT
	4		761415.7978	1628499.4195	786.98	25+36.07	98.52 LT
	9		761254.4939	1629224.6783	777.41	32+62.04	46.25 RT
	10		761117.4671	1630056.2340	787.03	OUTSIDE PROJECT LIMITS	

 BM1 ELEVATION = 753.48'
 N 761273 E 1627487
 Y STATION 15+29.00 87' LEFT
 R/R SPIKE SET IN ROOT OF FORKED WILLOW
 OAK BETWEEN 7TH ST. AND US 29/70 S.
 BOUND

 BM2 ELEVATION = 781.59'
 N 761288 E 1630112
 Y STATION 40+43.00
 N 46°02'38.06" E DIST 155.86'
 R/R SPIKE SET IN ROOT OF 36"3 FORKED
 OAK ON N. SIDE OF PIEDMONT DR. (SR
 1890) SOUTH OF STATE EMPLOYEE'S CREDIT
 UNION

 BM3 ELEVATION = 796.91'
 N 760268 E 1628489
 L STATION 7+00.00
 S 06°03'20.10" W DIST 410.59'
 BL-3

 BM4 ELEVATION = 799.93'
 N 762534 E 1628476
 L STATION 7+00.00
 N 01°44'10.83" W DIST 1858.55'
 BL-5

 BM5 ELEVATION = 755.51'
 N 761075 E 1626926
 Y STATION 40+43.00
 S 88°02'49.28" W DIST 3075.58'
 BY-7

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B-3159-1" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 760804.9660(ft) EASTING: 1628523.3410(ft) ELEVATION: 788.31(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998914
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-3159-1" TO -L- STATION 7+75.00 IS
 S 6° 55' 25.3" E 54.10'
 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:
 B3159_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.

NOTE: DRAWING NOT TO SCALE