PROJECT REFERENCE NO.	SHEET NO.
B-4159	1C-1
Location and Surveys	

SURVEY CONTROL SHEET B-4159

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1	595248.7660	754595.4480	2131.37	10+03.80	23.01 RT
2	BL-2	595374.6310	754454.0660	2115.44	11+93.05	26.63 RT
3	BL-3	595597.5250	754221.4650	2089.26	15+20.98	9.91 RT
4	BL-4	595913.1160	754096.1250	2075.58	18+66.01	4.75 RT
5	BL-5	596237.6230	754070.8940	2076.76	21+85.90	33.13 LT
6	BL-6	596509.8020	754194.1550	2077.47	24+75.73	26.61 LT
7	BL-7	596727.5650	754405.0390	2080.45	27+71.69	22.56 LT
8	BL-8	596884.3400	754736.4900	2077.85	OUTSIDE PROJECT LIMITS	

BY2

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
33	BL-3	595597.5250	754221.4650	2089.26	OUTSIDE PROJECT LIMITS	
10	BY2-10	595785.9920	754068.6770	2078.25	13+43.78	6.87 RT

BY3

POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
100	BL-10	595785.9920	754068.6770	2078.25	OUTSIDE PROJECT LIMITS	
11	BY3-11	595736.9880	754333.8980	2070.00	10+25.07	13.93 RT

BY4

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
110	BY2-10	595785.9920	754068.6770	2078.25	13+43.78	6.87 RT
12	BY4-12	596072.7260	753901.7370	2070.64	OUTSIDE PROJECT LIMITS	

BY5

POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
55	BL-5	596237.6230	754070.8940	2076.76	16+01.99	251.47 LT
13	BY5-13	596071.5690	754222.5830	2064.99	13+41.70	195.67 LT
14	BY5-14	595957.0890	754602.0440	2069.74	10+39.94	15.00 LT
15	BY5-15	595894.7700	754863.0840	2069.27	OUTSIDE PROJECT LIMITS	

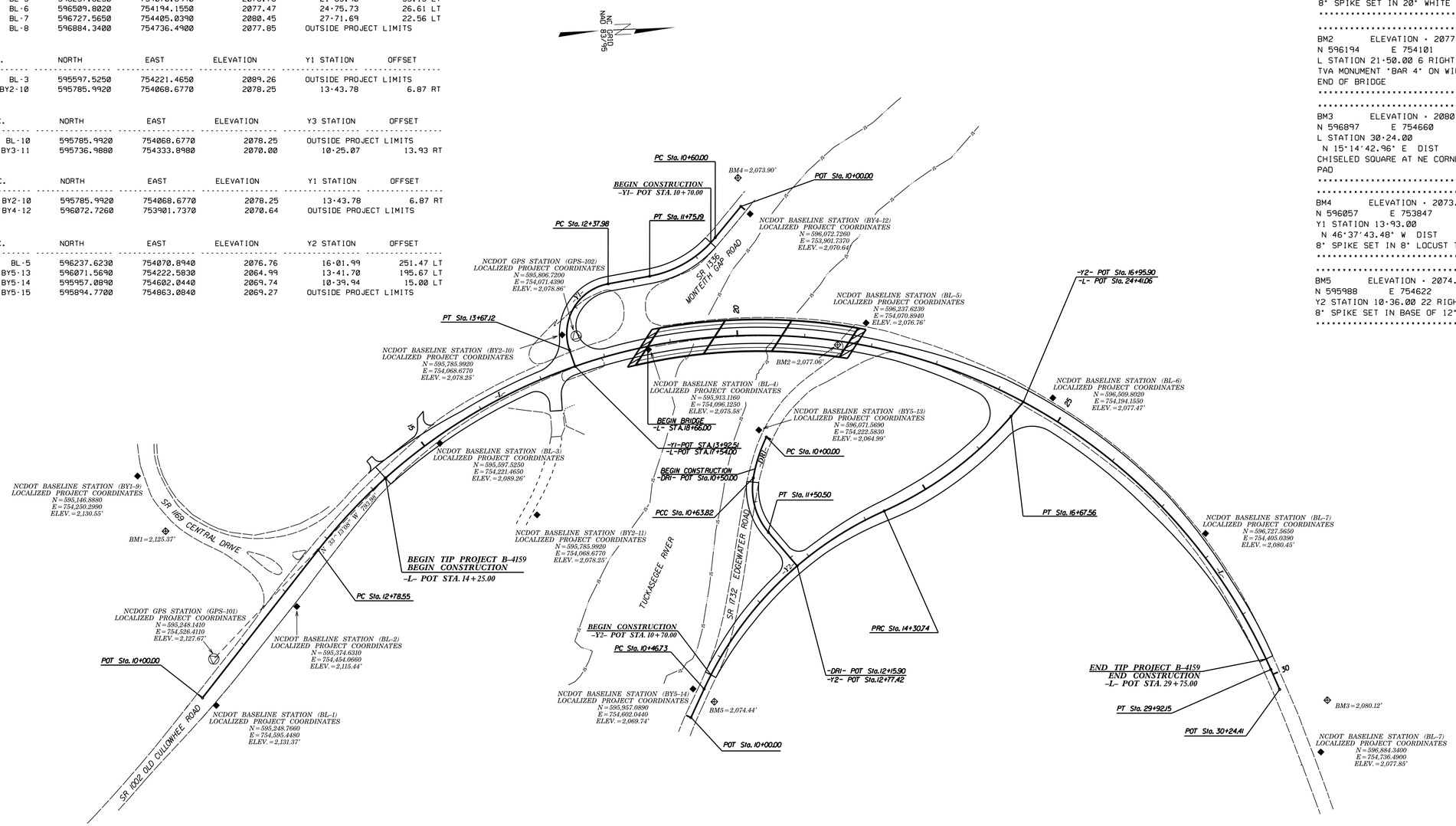
BM1 ELEVATION = 2125.37
N 595185 E 754334
L STATION 11+61.00 196 LEFT
8" SPIKE SET IN 20" WHITE PINE STUMP

BM2 ELEVATION = 2077.06
N 596194 E 754101
L STATION 21+50.00 6 RIGHT
TVA MONUMENT "BAR 4" ON WINGWALL AT NE END OF BRIDGE

BM3 ELEVATION = 2080.12
N 596897 E 754660
L STATION 30+24.00
N 15°14'42.96" E DIST 72.70
CHISELED SQUARE AT NE CORNER OF CONC. PAD

BM4 ELEVATION = 2073.90
N 596057 E 753847
Y1 STATION 13+93.00
N 46°37'43.48" W DIST 369.63
8" SPIKE SET IN 8" LOCUST TREE STUMP

BM5 ELEVATION = 2074.44
N 595988 E 754622
Y2 STATION 10+36.00 22 RIGHT
8" SPIKE SET IN BASE OF 12" POPLAR TREE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B-4159 GPS-1"
WITH HARN-NAD 83/95 STATE PLANE GRID COORDINATES OF
NORTHING: 595,248.1410(ft) EASTING: 754,526.4110(ft)
ELEVATION: 2,127.67(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9997772
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-4159 GPS-1" TO -L- STATION 14+25.00 IS N 33°13'08" W 793.98
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
B-4159_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.

6/2/99
02-OCT-2015 09:41
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$$$$USERNAME$$$$