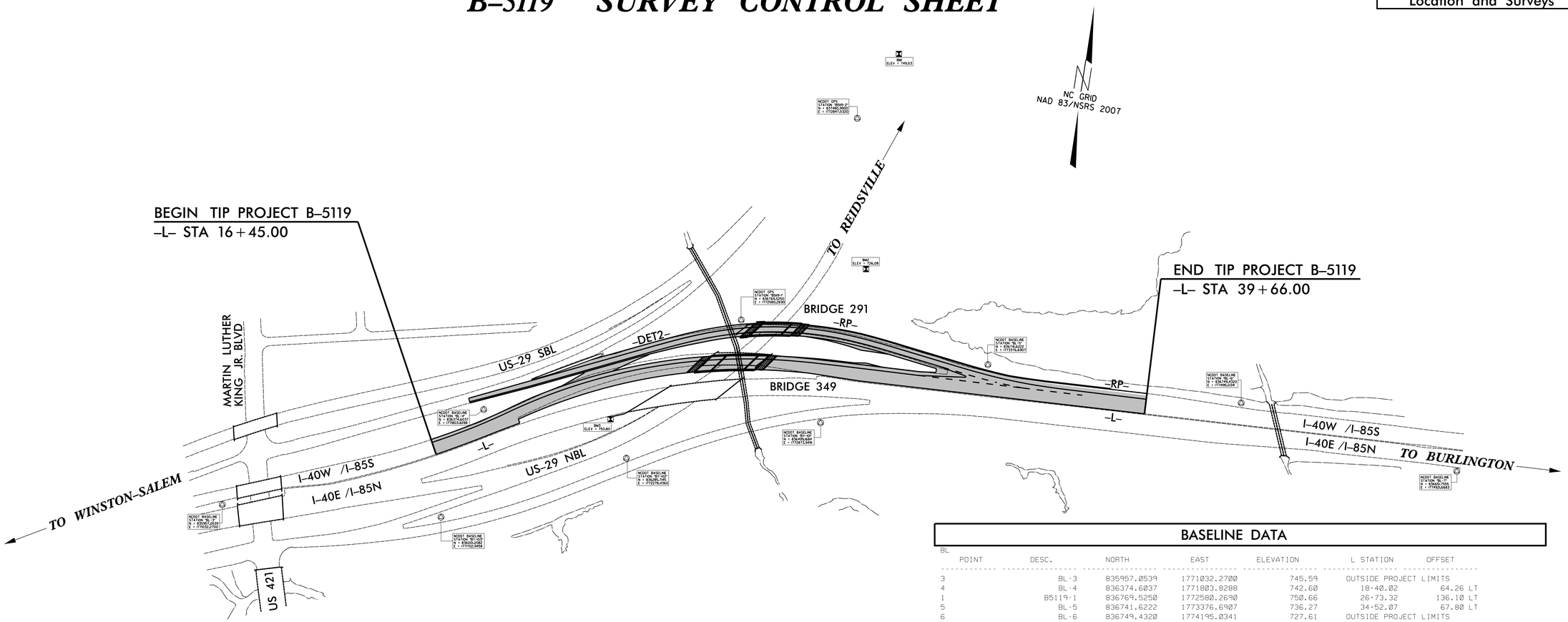
PROJECT REFERENCE NO.	SHEET NO.
B-5119	1C-1
Location and Surveys	

B-5119 SURVEY CONTROL SHEET



L

TYPE	STATION	NORTH	EAST
POT	10+00.00	835982.0267	1771070.6338
PC	13+87.07	836120.1943	1771432.2029
CS	16+65.75	836234.1000	1771686.3757
SC	19+05.75	836355.9347	1771892.9923
CS	27+73.32	836647.7911	1772700.5800
ST	30+13.32	836660.5485	1772940.1985
POT	39+70.79	836689.5897	1773897.2308

Y1

TYPE	STATION	NORTH	EAST
PC	10+00.00	836237.8885	1772053.3753
PCC	13+45.24	836423.0507	1772343.9547
PCC	18+63.46	836800.0166	1772697.0067
PT	21+57.57	837061.0710	1772830.4485

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5119-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 837480.990(ft) EASTING: 1772847.532(ft)
ELEVATION: 744.42'(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999376967
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"B5119-2" TO -L- 16+45.00 IS
S 43°11'45.18" W 1,723.34'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
3	BL-3	835957.0539	1771032.2700	745.59	OUTSIDE PROJECT LIMITS	
4	BL-4	836374.6037	1771803.8288	742.60	18+40.02	64.26 LT
1	B5119-1	836769.5250	1772580.2690	750.66	26+73.32	136.10 LT
5	BL-5	836741.6222	1773376.6907	736.27	34+52.07	67.80 LT
6	BL-6	836749.4320	1774195.0341	727.61	OUTSIDE PROJECT LIMITS	
7	BL-7	836651.7555	1774921.6683	725.10	OUTSIDE PROJECT LIMITS	

BY

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
100	BY-100	838175.0532	1772963.5143	754.83	30+82.56	1513.10 LT
2	B5119-2	837480.9900	1772847.5320	744.42	29+49.56	822.99 LT
1	B5119-1	836769.5250	1772580.2690	750.66	26+73.32	136.10 LT
101	BY-101	836499.1684	1772873.9491	744.26	29+41.22	159.15 RT
102	BY-102	836285.7145	1772278.4360	732.03	22+33.78	247.79 RT
103	BY-103	836001.2082	1771702.9458	737.84	15+80.81	216.03 RT

NOTES

1. *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

THE FILES TO BE FOUND ARE AS FOLLOWS:
B5119_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)

BENCHMARK DATA

BM1 ELEVATION = 749.53
N 837700 E 1772946
L STATION 30+51.00 1039 LEFT
SCRIBE TOP CONCRETE FOUNDATION LIGHT POLE

BM2 ELEVATION = 726.08
N 837002 E 1772944
L STATION 30+27.00 341 LEFT
WEST BOLT AT BASE OF BILL BOARD SIGN

BM3 ELEVATION = 750.80
N 836416 E 1772217
L STATION 22+28.00 104 RIGHT
PK NAIL SW WING WALL I-85N BRIDGE

NOTE: DRAWING NOT TO SCALE

12/01/2005