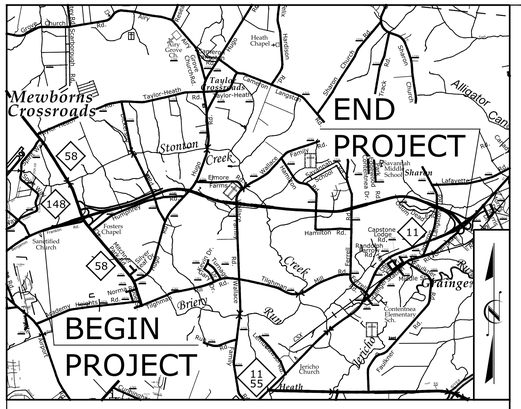
PROJECT REFERENCE NO.	SHEET NO.
R5703	1C–3
LOCATION AND SURVEYS	

SURVEY CONTROL SHEET R–5703



VICINITY MAP

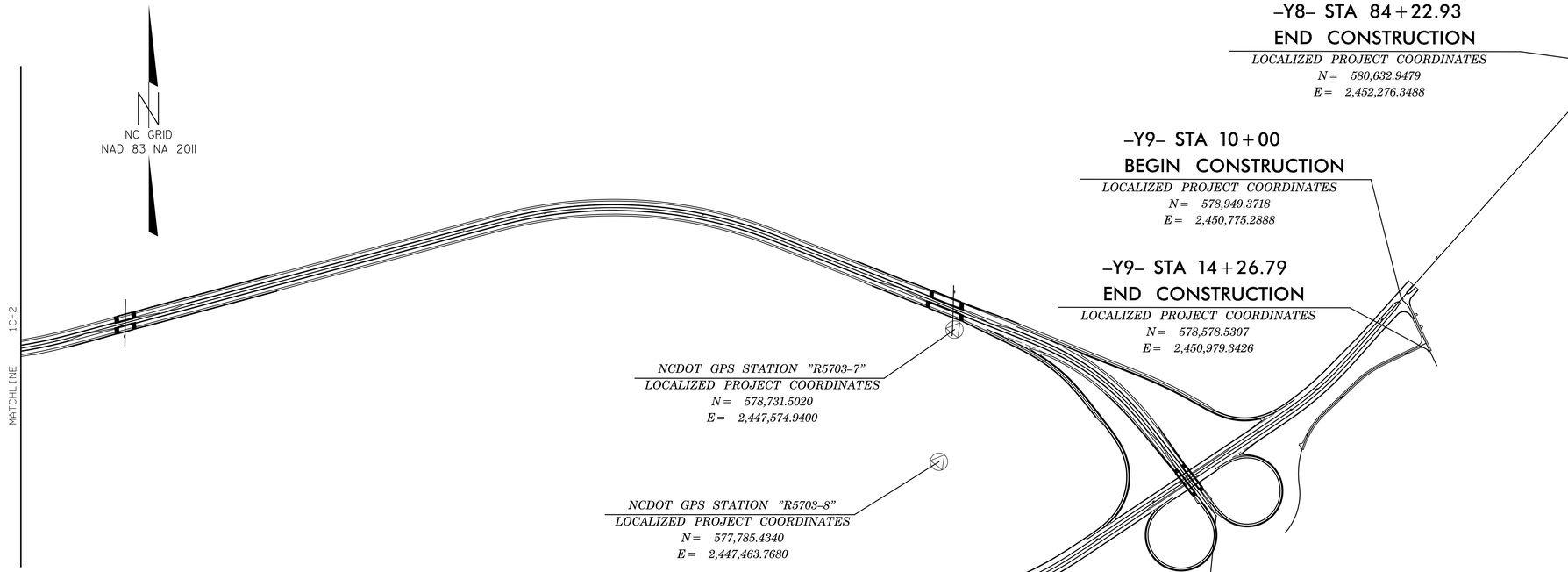
CONTROL DATA

BL2

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
BL41	BL-41	578946.0680	2440689.8540	67.68	272+09.06	370.18 LT
BL42	BL-42	578979.2720	2441651.4540	74.53	282+07.13	189.04 LT
BL43	BL-43	579061.5680	2442437.3340	75.34	289+87.49	64.82 LT
BL44	BL-44	579230.2110	2443421.7280	75.18	299+81.95	27.46 RT
BL45	BL-45	579347.9260	2444091.5740	74.64	306+59.41	87.40 RT
BL46	BL-46	579474.1040	2444811.9640	74.55	314+07.71	114.14 RT
BL47	BL-47	579602.9250	2445824.9650	68.68	324+22.96	73.16 LT
BL48	BL-48	579170.9910	2446727.7440	63.22	334+11.84	38.40 RT
R57037	GPS MON	578731.5020	2447574.9400	56.27	343+61.33	135.17 RT
R57038	GPS MON	577785.4340	2447463.7680	71.47	346+06.21	1055.74 RT
BL49	BL-49	577734.7140	2448366.3140	63.54	357+78.82	647.43 RT
BY850	BY8-50	577404.1950	2449319.5760	74.76	366+74.46	99.42 RT

BY8

POINT	DESC.	NORTH	EAST	ELEVATION	Y8 STATION	OFFSET
BY847	BY8-47	576395.5020	2446900.8880	74.60	14+82.39	51.35 RT
BY848	BY8-48	576667.6800	2447598.7460	73.45	22+31.44	54.77 RT
BY849	BY8-49	576992.3870	2448420.3680	73.58	31+00.04	96.13 RT
EQBY850		577404.1950	2449319.5760	74.76	40+73.29	251.46 RT
BY851	BY8-51	578156.1420	2450138.3690	50.85	51+65.01	90.18 RT
BY852	BY8-52	578996.4170	2450886.4890	36.10	62+76.48	51.69 RT
BY853	BY8-53	579827.5550	2451631.0050	30.76	73+92.31	54.29 RT
R57039	GPS MON	581276.9850	2452917.2470	34.31	OUTSIDE PROJECT LIMITS	
R570310	GPS MON	582108.2270	2453659.0310	34.32	OUTSIDE PROJECT LIMITS	



BENCHMARK DATA

```
**********************************************
BM16       ELEVATION = 76.43
N 579296       E 2444854
BL2 STATION 267+37.00 182 RIGHT
RR SPIKE IN BASE OF 24" GUM
**********************************************
**********************************************
BM17       ELEVATION = 56.38
N 579248       E 2447596
BL2 STATION 294+76.00 468 LEFT
RR SPIKE IN BASE OF 18" PINE
**********************************************
**********************************************
BM18       ELEVATION = 56.27
N 577312       E 2449300
BL2 STATION 5+00.00
 N 89°10'44.57" E  DIST  29870.28
RR SPIKE IN BASE OF 24" PINE
**********************************************
**********************************************
BM19       ELEVATION = 34.24
N 579569       E 2451475
BL2 STATION 296+94.00 3989 LEFT
RR SPIKE IN BASE OF 18" PINE
**********************************************
**********************************************
BM20       ELEVATION = 36.96
N 581233       E 2452977
BL2 STATION 296+94.00 5953 LEFT
RR SPIKE IN BASE OF 18" PINE
**********************************************
```

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "P60" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 574939.107(ft) EASTING: 2435346.9420(ft) ELEVATION: 53.49(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999876417

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "P60" TO -L- STATION 60+56.32 IS N 81 ° 20' 04.17" W 15,314.40'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES

VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTP://WWW.NCDOT.GOV/DOH/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/

THE FILES TO BE FOUND ARE AS FOLLOWS:
TIP R5703_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.