

SURVEY CONTROL SHEET W5705G
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		W5705G GPS- 1	947953.0220	2191075.9810	523.01
3		W5705G BL- 1	948278.8750	2191811.9890	513.88
BY	POINT	DESC.	NORTH	EAST	ELEVATION
1		W5705G GPS- 1	947953.0220	2191075.9810	523.01
2		W5705G GPS- 2	948446.8410	2191610.6440	517.98

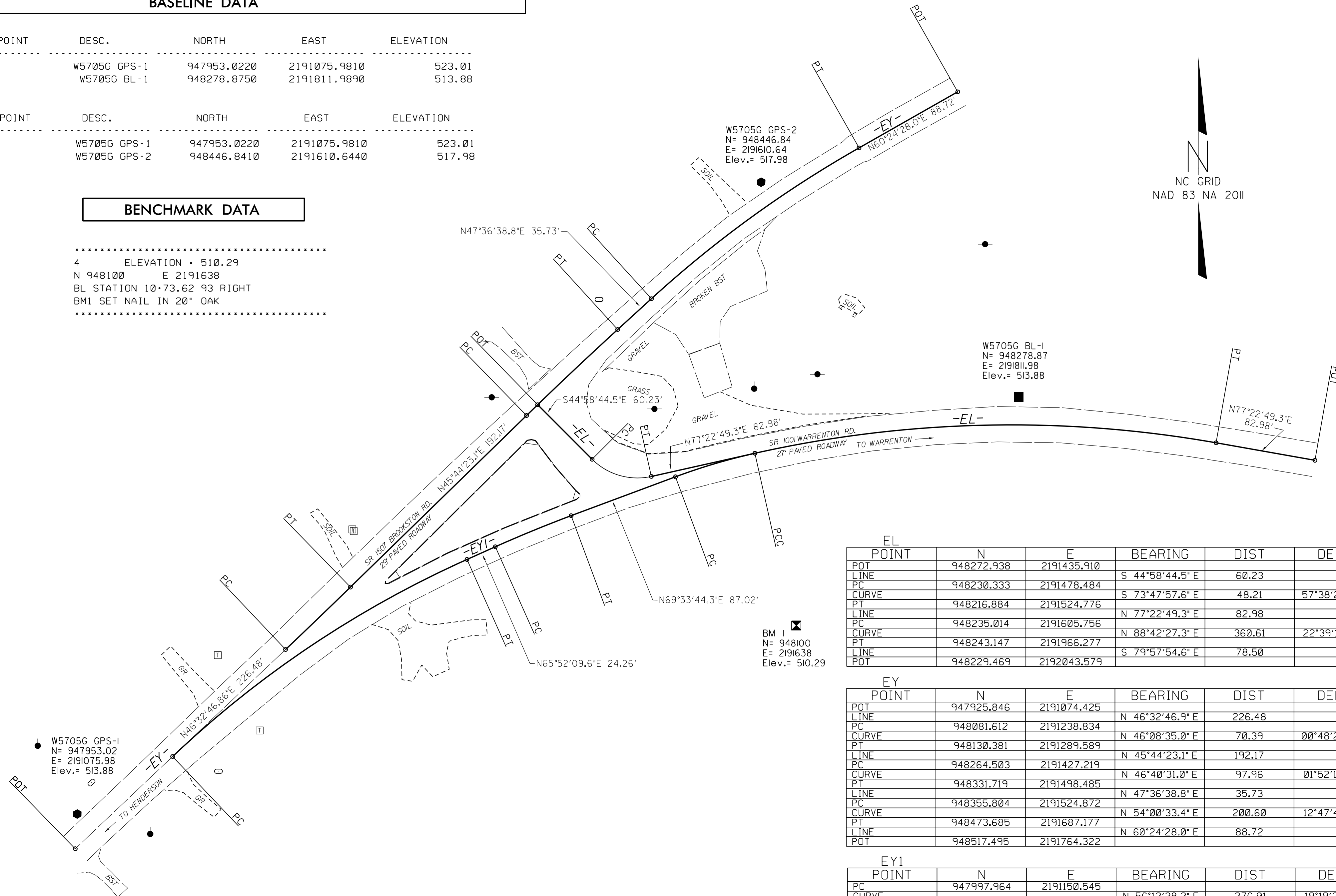
BENCHMARK DATA

4 ELEVATION = 510.29
N 948100 E 2191638
BL STATION 10+73.62 93 RIGHT
BM1 SET NAIL IN 20" OAK

DATUM	DESCRIPTION
1	10/1/2018
2	10/1/2018
3	10/1/2018
4	10/1/2018
5	10/1/2018
6	10/1/2018
7	10/1/2018
8	10/1/2018
9	10/1/2018
10	10/1/2018
11	10/1/2018
12	10/1/2018
13	10/1/2018
14	10/1/2018
15	10/1/2018
16	10/1/2018
17	10/1/2018
18	10/1/2018
19	10/1/2018
20	10/1/2018
21	10/1/2018
22	10/1/2018
23	10/1/2018
24	10/1/2018
25	10/1/2018
26	10/1/2018
27	10/1/2018
28	10/1/2018
29	10/1/2018
30	10/1/2018
31	10/1/2018
32	10/1/2018
33	10/1/2018
34	10/1/2018
35	10/1/2018
36	10/1/2018
37	10/1/2018
38	10/1/2018
39	10/1/2018
40	10/1/2018
41	10/1/2018
42	10/1/2018
43	10/1/2018
44	10/1/2018
45	10/1/2018
46	10/1/2018
47	10/1/2018
48	10/1/2018
49	10/1/2018
50	10/1/2018
51	10/1/2018
52	10/1/2018
53	10/1/2018
54	10/1/2018
55	10/1/2018
56	10/1/2018
57	10/1/2018
58	10/1/2018
59	10/1/2018
60	10/1/2018
61	10/1/2018
62	10/1/2018
63	10/1/2018
64	10/1/2018
65	10/1/2018
66	10/1/2018
67	10/1/2018
68	10/1/2018
69	10/1/2018
70	10/1/2018
71	10/1/2018
72	10/1/2018
73	10/1/2018
74	10/1/2018
75	10/1/2018
76	10/1/2018
77	10/1/2018
78	10/1/2018
79	10/1/2018
80	10/1/2018
81	10/1/2018
82	10/1/2018
83	10/1/2018
84	10/1/2018
85	10/1/2018
86	10/1/2018
87	10/1/2018
88	10/1/2018
89	10/1/2018
90	10/1/2018
91	10/1/2018
92	10/1/2018
93	10/1/2018
94	10/1/2018
95	10/1/2018
96	10/1/2018
97	10/1/2018
98	10/1/2018
99	10/1/2018
100	10/1/2018

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT
IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY
NCDOT FOR MONUMENT "W5705G GPS-1"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 947953.022(ft) EASTING: 2191075.981(ft)
ELEVATION: 523.015(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT
(GROUND TO GRID) IS: 0.9999625609
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GRID DISTANCE FROM
"W5705G GPS-1" TO -L- STATION IS

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



EL									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	948272.938	2191435.910							
LINE			S 44°58'44.5" E	60.23					
PC	948230.333	2191478.484							
CURVE			S 73°47'57.6" E	48.21	57°38'26.3(LT)	114°35'29.6"	50.30	27.51	50.00
PT	948216.884	2191524.776							
LINE			N 77°22'49.3" E	82.98					
PC	948235.014	2191605.756							
CURVE			N 88°42'27.3" E	360.61	22°39'16.2(RT)	06°14'28.9"	362.97	183.89	918.00
P	948243.147	2191966.277							
LINE			S 79°57'54.6" E	78.50					
POT	948229.469	2192043.579							

EY									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	947925.846	2191074.425							
LINE			N 46°32'46.9" E	226.48					
PC	948081.612	2191238.834							
CURVE			N 46°08'35.0" E	70.39	00°48'23.8"(LT)	01°08'45.3"	70.39	35.20	5000.00
PT	948130.381	2191289.589							
LINE			N 45°44'23.1" E	192.17					
PC	948264.503	2191427.219							
CURVE			N 46°40'31.0" E	97.96	01°52'15.8"(RT)	01°54'35.5"	97.97	48.99	3000.00
PT	948331.719	2191498.485							
LINE			N 47°36'38.8" E	35.73					
PC	948355.804	2191524.872							
CURVE			N 54°00'33.4" E	200.60	12°47'49.1"(RT)	06°21'58.3"	201.01	100.93	900.00
PT	948473.685	2191687.177							
LINE			N 60°24'28.0" E	88.72					
POT	948517.495	2191764.322							

EY1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	947997.964	2191150.545							
CURVE			N 56°12'28.2" E	276.91	19°19'22.8"(RT)	06°56'41.8"	278.23	140.45	825.00
PT	948151.979	2191380.677	N 65°52'09.6" E	24.26					
LINE									
PC	948161.895	2191402.813	N 67°42'52.2" E	64.07	03°41'25.1"(RT)	05°45'30.1"	64.09	32.05	995.00
CURVE									
PT	948186.193	2191462.102	N 69°33'44.3" E	87.02					
LINE									
PC	948216.581	2191543.647	N 73°28'12.0" E	64.79	07°49'14.6"(RT)	12°03'44.2"	64.84	32.47	475.00
CURVE									
PT	948216.581	2191543.647							

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.