


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR-0097	SHEET NO. RW02C-2
Location and Surveys	
DEWBERRY ENGINEERS, INC	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
10		BL - 10	981005.0560	1831216.2430	586.75
11		BL - 11	981135.5730	1831612.9650	594.07
12		BL - 12	981066.3580	1832029.2330	610.95
13		BL - 13	980980.6230	1832388.1320	627.87
1		BR0097-1	980893.4510	1832790.9100	637.12
2		BR0097-2	980764.8480	1833754.5160	663.65
14		BL - 14	980681.6900	1834392.7810	687.82

.....
 BM1 ELEVATION = 618.59
 N 980634 E 1832567
 BY STATION 9+71.00
 S 15°21'42.8" E DIST 155.96
 RAILROAD SPIKE IN A 15' MAPLE

BY	POINT	DESC.	NORTH	EAST	ELEVATION
15		BY - 15	981078.0530	1832782.1260	612.57
1		BR0097-1	980893.4510	1832790.9100	637.12
16		BY - 16	980784.7410	1832526.0790	610.52

I, ADAM C HALES, PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: RTN
 Dates of survey: February 12, 2019
 Datum/Epoch: NAD83/2011
 Published/Fixed-control use: N/A
 Localized around: BR0097-1
 Northing: 980893.451
 Easting: 1832790.910
 Combined grid factor: 1.00006479
 Geoid model: GEOID G12NC
 Units: ENGLISH

I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from June 29 - July 1, 2021, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 9th day of September, 2021.

DocuSigned by:

 ADAM C HALES
ES1008C1183E43D
 Professional Land Surveyor L-4980

EL									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	980997.518	1831237.679							
LINE			N 65°41'52.2" E	139.64					
PC	981054.989	1831364.950							
CURVE			N 77°11'34.1" E	288.96	22°59'24.0"(RT)	07°54'10.3"	290.91	147.44	725.00
PT	981119.043	1831646.720							
LINE	981119.182	1831652.792	N 88°41'16.1" E	6.07					
PC									
CURVE			S 85°59'17.0" E	111.35	10°38'53.8"(RT)	09°32'57.5"	111.51	55.92	600.00
PT	981111.391	1831763.868							
LINE			S 80°39'50.1" E	22.27					
PC	981107.779	1831785.838							
CURVE			S 78°21'36.1" E	120.60	04°36'28.0"(RT)	03°49'11.0"	120.63	60.35	1500.00
PT	981083.447	1831903.957							
LINE			S 76°03'22.1" E	618.07					
PC	980934.511	1832503.812							
CURVE			S 79°14'27.7" E	322.24	06°22'11.2"(LT)	01°58'32.6"	322.40	161.37	2900.00
PT	980874.356	1832820.385							
LINE			S 82°25'33.3" E	1569.12					
POT	980667.533	1834375.819							

EY									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	980822.584	1832546.926							
CURVE			N 41°41'02.4" E	348.90	04°21'44.4"(RT)	01°15'00.0"	348.99	174.58	4583.66
PT	981083.153	1832778.953							

REVISIONS

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.