



# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR0041	SHEET NO. RW02C-2
Location and Surveys	
 Dewberry Engineers Inc. 551 PINEY FOREST ROAD DANVILLE, VA 24540 PHONE: 434.797.4497 FAX: 434.797.4341 NCBELS #F-0829	
PROJECT SURVEYOR  8/31/2022	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL		BASELINE CONTROL			
POINT	DESC.	NORTH	EAST	ELEVATION	
10	BL - 10	939915.2157	1808756.3568	792.94	
11	BL - 11	939410.4395	1809433.4892	797.41	
12	BL - 12	938885.0275	1810106.1764	811.61	
3	R2560DB-3	938460.1130	1810834.1870	809.49	
13	BL - 13	937980.7944	1811282.7935	802.35	
14	BL - 14	937609.4124	1811777.8352	789.10	
15	BL - 15	937216.2823	1812286.2293	784.56	

BY		BASELINE CONTROL			
POINT	DESC.	NORTH	EAST	ELEVATION	
16	BY - 16	940507.2314	1810986.6242	729.62	
17	BY - 17	939868.2514	1810900.7152	752.46	
4	R2560DB-4	939223.7031	1810773.5994	777.29	
3	R2560DB-3	938460.1130	1810834.1870	809.49	
18	BY - 18	937820.2655	1810379.3141	791.39	
19	BY - 19	936936.7959	1810124.1648	778.14	

### BENCHMARKS

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BM1 ELEVATION = 794.99  
N 940038 E 1809087  
BL STATION 6+91.00 296 LEFT  
RR SPIKE IN A 12"ASH  
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BM2 ELEVATION = 775.87  
N 937516 E 1811764  
BL STATION 43+63.00 82 RIGHT  
RR SPIKE IN A 12" OAK  
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BM3 ELEVATION = 732.09  
N 940618 E 1810810  
BY STATION 5+00.00  
N 57°55'18.6" W DIST 208.89  
RR SPIKE IN A 15"HICKORY  
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BM4 ELEVATION = 783.23  
N 937026 E 1809908  
BY STATION 42+47.00 233 RIGHT  
RR SPIKE IN A 10"MAPLE  
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### 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.

I, Robert H. Bengtson, PLS, certify that the Project Control was verified under my supervision from an actual GPS survey made by others and the following information was used to perform the survey:

Class of survey: **AA**  
Type of GPS field procedure: RTN  
Dates of survey: February 2018  
Datum/Epoch: NAD 83/2011  
Published/Fixed-control use: N/A  
Localized around: R2560DB-3  
Northing: 938460.113  
Easting: 1810834.187  
Combined grid factor: 1.00001470  
Geoid model: G12NC  
Units: US SURVEY FEET

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 7/17/18 to 7/19/18, 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 31st day of August, 2022.

DocuSigned by:  
  
Professional Land Surveyor L-3453