

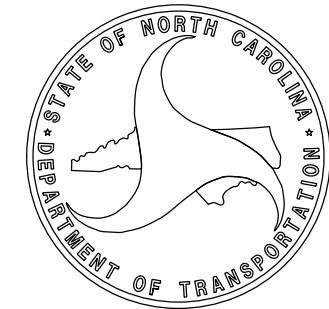
# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

**H10010**

RWD2 C-6

NORTH CAROLINA  
DEPARTMENT  
OF TRANSPORTATION



PROFESSIONAL LAND  
SURVEYOR



DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL SIGNATURES  
ARE COMPLETED

2018 STANDARD  
SPECIFICATIONS

I, Michael C. Kitchin, PLS, certify that the Project Control was performed 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: 6/21/22 to 7/13/22  
 Datum/Epoch: NAD 83/NSRS 2011  
 Published/Fixed-control use: N/A  
 Localized around: GPS-5  
 Northing: 697,225.2690  
 Easting: 1,041,361.8740  
 Combined grid factor: 1.000200369 (Grid to Ground)  
 Geoid model: GEOID12B  
 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 6/21/22 to 7/13/22, 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.

I also certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 26th day of April, 2023.

DocuSigned by:  
*Michael C. Kitchin*  
65017396936546C

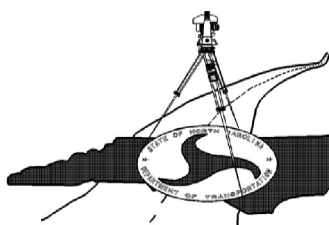


Professional Land Surveyor L-5426

BASELINE POINTS TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
1	GPS-1	695406.847	1030977.022	2759.829
2	GPS-2	695075.958	1032101.573	2693.1
9	BL-9	695344.984	1032580.456	2656.897
10	BL-10	695458.031	1033058.811	2629.805
11	BL-11	695244.271	1033545.309	2597.776
12	BL-12	695316.624	1034055.237	2567.399
13	BL-13	695103.888	1034992.448	2509.895
14	BL-14	694926.946	1035563.557	2484.531
15	BL-15	695515.129	1036353.603	2428.991
3	GPS-3	695869.023	1037204.491	2382.259
4	GPS-4	696889.619	1037459.817	2321.085
16	BL-16	697357.859	1037398.139	2306.025
17	BL-17	697895.241	1037847.315	2271.709
18	BL-18	697699.048	1038831.713	2231.565
19	BL-19	697176.681	1039198.536	2205.298
20	BL-20	696939.91	1040307.667	2138.396
21	BL-21	697066.382	1040871.064	2101.861
5	GPS-5	697225.269	1041361.874	2062.812
6	GPS-6	697371.72	1042061.591	2026.771
22	BL-22	696982.951	1042731.822	1984.95
23	BL-23	697001.127	1043254.459	1955.719
24	BL-24	697292.772	1043552.976	1923.892
25	BL-25	697852.684	1044144.265	1879.167
26	BL-26	697989.404	1044877.952	1834.188
27	BL-27	697850.076	1045285.209	1805.852
28	BL-28	697879.334	1045926.815	1770.309
29	BL-29	697696.742	1046700.318	1728.298
30	BL-30	697914.53	1047307.723	1689.283
31	BL-31	697877.592	1047867.816	1667.54
32	BL-32	697133.661	1048740.987	1627.947
7	GPS-7	697123.533	1049853.948	1576.532
8	GPS-8	697232.464	1050762.669	1537.664

**TIP PROJECT: H10010**  
County: McDowell

PREPARED FOR



LOCATION AND  
SURVEYS UNIT

PREPARED BY

