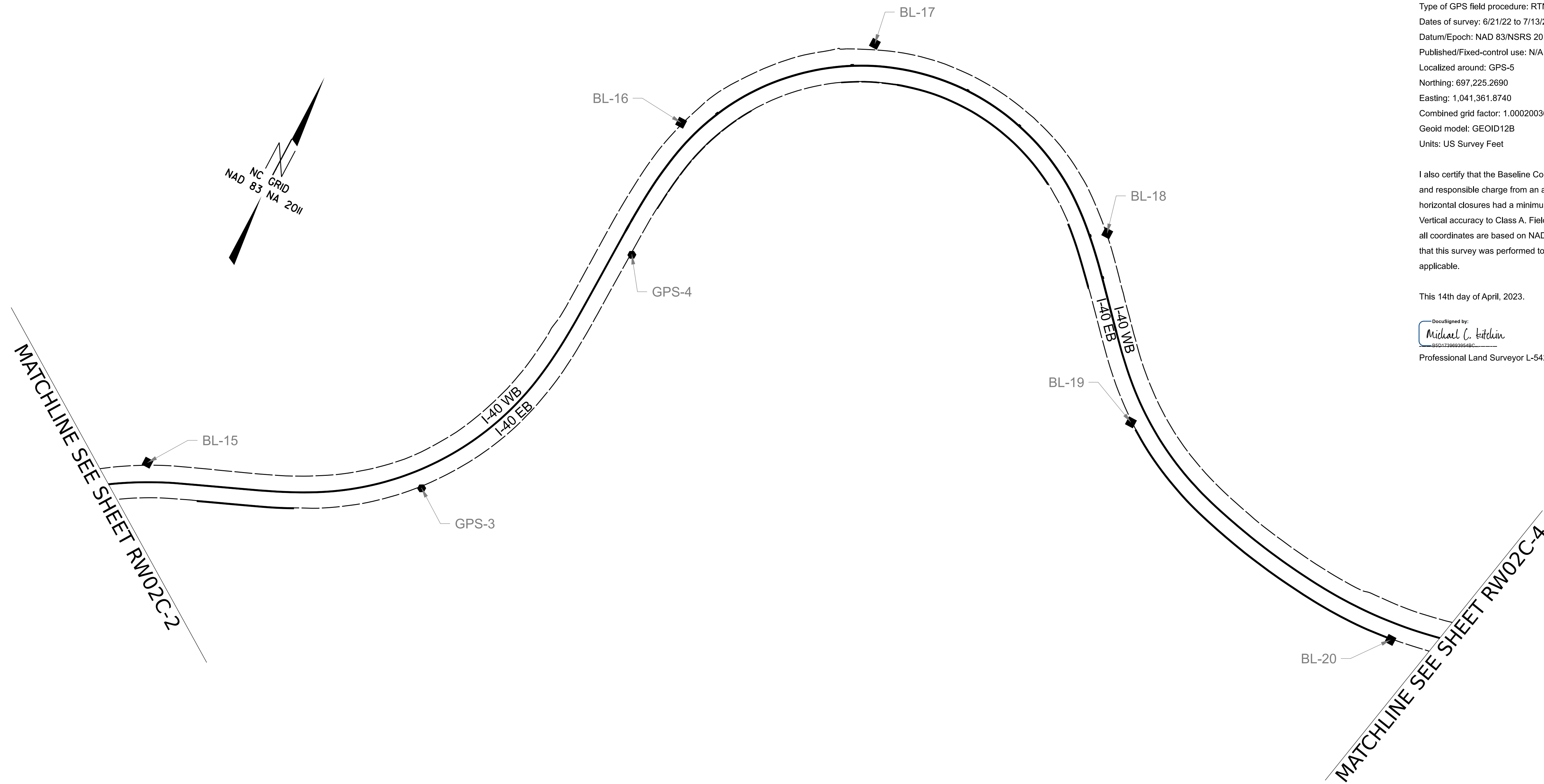


# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



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.

This 14th day of April, 2023.

DocuSigned by:  
 Michael C. Kitchin  
 85033298939548C  
 Professional Land Surveyor L-5426



**HI0010**  
 RW02 C-3  
 NORTH CAROLINA  
 DEPARTMENT  
 OF TRANSPORTATION

PROFESSIONAL LAND  
 SURVEYOR

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL SIGNATURES  
 ARE COMPLETED  
 2018 STANDARD  
 SPECIFICATIONS

**TIP PROJECT: HI0010**  
 County: McDowell

PREPARED FOR

LOCATION AND  
 SURVEYS UNIT

PREPARED BY

ESP Associates, Inc.  
 575 Lakewood Blvd. Fort Mill, SC 29708

**NOTES:**

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT 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.