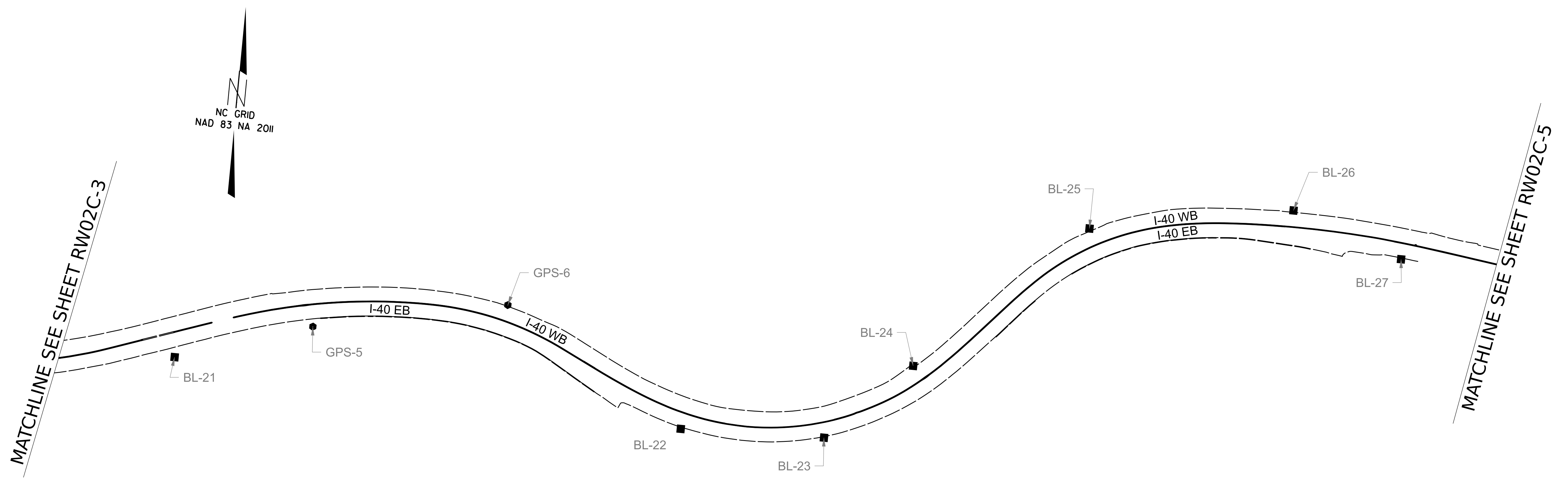


SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



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.

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
 65017386939548C
 Professional Land Surveyor L-5426

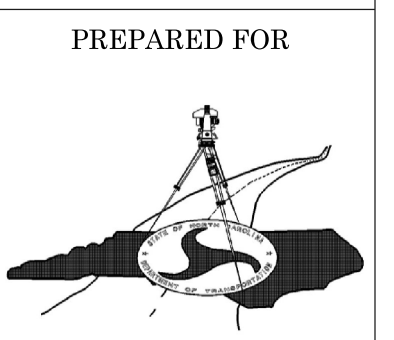


HI0010
 RW02 C-4
 NORTH CAROLINA
 DEPARTMENT
 OF TRANSPORTATION

PROFESSIONAL LAND
 SURVEYOR

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

TIP PROJECT: HI0010
 County: McDowell



PREPARED BY

ESP Associates, Inc.
 4475 Lakeland Blvd. Fort Mill, SC 29708