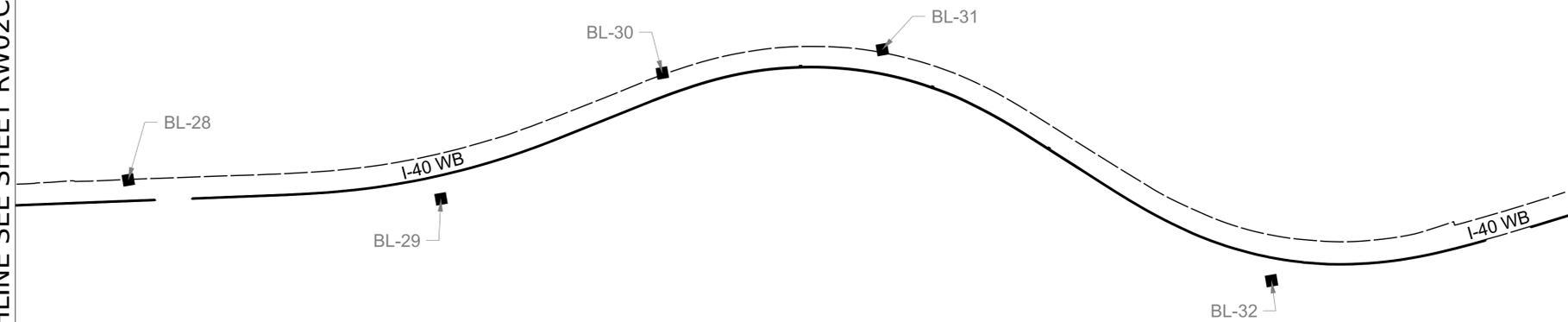


# SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



MATCHLINE SEE SHEET RW02C-4



### 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*

Professional Land Surveyor L-5426



HI0010

RW02 C-5

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.  
5475 Lattinwood Blvd. Fort Mill, SC 29708