

# SECONDARY SURVEY CONTROL SHEET

## W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I, BRIAN BARWATT, PLS, CERTIFY THAT THE SECONDARY BASELINE CONTROL FOR THIS PROJECT WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION UTILIZING PRIMARY GPS CONTROL SET BY OTHERS; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:20,000 (CLASS AA) AND VERTICAL ACCURACY TO 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED JUNE OF 2024, AND ALL COORDINATES ARE BASED ON NAD 83/NA 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 21ST DAY OF OCTOBER, 2025.

DocuSigned by:



432675548ACE

PROFESSIONAL LAND SURVEYOR L-4727

Baseline Points Table				
Point	Northing	Easting	Elevation	Description
BL-1	528855.9850	910061.6230	2682.30	30" REBAR & CAP
BL-2	528651.1500	910224.0580	2682.45	30" REBAR & CAP
BL-3	529077.2970	910249.0730	2684.43	30" REBAR & CAP

EXISTING ALIGNMENT NAME:EL									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	529080.6041	909592.8984							
LINE			S86°17'42.5"E	80.4750					
PC	529075.4041	909673.2052							
CURVE					27°48'24.0" Right	10°19'24.8"	269.3513	137.3828	555.0000
PCC	528994.7210	909927.4246							
CURVE					21°33'16.1" Right	09°05'40.4"	237.0038	119.9195	630.0000
PT	528838.7403	910099.8002							
LINE			S36°56'02.5"E	279.4989					
END	528615.3291	910267.7497							

EXISTING ALIGNMENT NAME:EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	529103.9082	910311.0643							
LINE			S48°17'51.0"W	332.2768					
END	528882.8567	910062.9834							

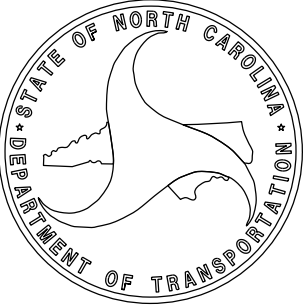
NOTES:

1. 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.


HN-0031

R/W02C-3

NORTH CAROLINA  
DEPARTMENT  
OF TRANSPORTATION



PROFESSIONAL LAND  
SURVEYOR



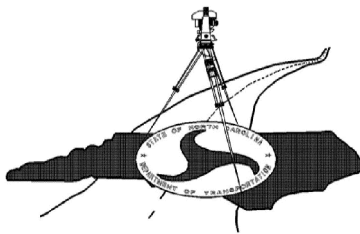
DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL SIGNATURES  
ARE COMPLETED

2024 STANDARD  
SPECIFICATIONS

TIP PROJECT: HN-0031

County: Transylvania

PREPARED FOR



LOCATION AND  
SURVEYS UNIT

PREPARED BY:

LOCATION AND SURVEYS  
DIVISION 14  
122 BONNIE LANE  
SYLVA, NC 28779