

SECONDARY SURVEY CONTROL SHEET  
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I, LINWOOD T. DOWNS III, 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 IN APRIL 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 24TH DAY OF JULY, 2024.

DocuSigned by:  
*Linwood T. Downs III*  
9A59211D2425488  
PROFESSIONAL LAND SURVEYOR L-5327

BASELINE POINT TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
BL5	BL-5	1000118.4580	2783117.5140	15.24
BL6	BL-6	1000992.4470	2782643.9440	14.37

BENCHMARK POINT TABLE				
BENCHMARK	DESC	NORTH	EAST	ELEVATION
TBM1	R/R SPIKE IN PINE TREE	999688.833	2783253.558	12.74
TBM2	R/R SPIKE 36" PINE	1001114.769	2782760.732	14.17

EXISTING ALIGNMENT NAME:EL									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	1001428.4970	2782440.5820							
LINE			S22°45'45.77"E	497.81					
SC	1000695.3870	2782752.8700							
CURVE					21.250"" Left	1.500""	1416.67	716.568	3819.719
ST	999348.9760	2783795.6770							
LINE			S48°30'45.95"E	324.85					
END	999133.7780	2784039.0230							

EXISTING ALIGNMENT NAME:EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	1001137.306	2783213.892							
LINE			S67°02'49.03"W	187.28					
PC	1001064.271	2783041.44							
CURVE					1.003° Right	0.250°	401.33	200.67	22918.312
PT	1000911.005	2782670.534							
LINE			S68°03'01.00"W	11.39					
END	1000906.748	2782659.969							

EXISTING ALIGNMENT NAME:EY1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	999875.092	2783271.677							
LINE			S30°33'03.00"W	157.87					
PC	999739.051	2783191.38							
CURVE					53.101° Left	14.138°	375.583	202.497	405.256

NOTES:

1. 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.

HS-2401A

R/W02C-4

NORTH CAROLINA  
DEPARTMENT  
OF TRANSPORTATION



PROFESSIONAL LAND  
SURVEYOR

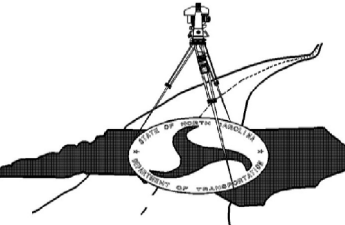


DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL SIGNATURES  
ARE COMPLETED

2024 STANDARD  
SPECIFICATIONS

TIP PROJECT: HS-2401A  
County: CAMDEN

PREPARED FOR



LOCATION AND  
SURVEYS UNIT

PREPARED BY

LOCATION & SURVEYS  
DIVISION 1  
1300 US 64W  
PLYMOUTH, NC 27962