

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 OCTOBER OF 2016, 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 8TH DAY OF AUGUST, 2025.

DocuSigned by:
Brian Barwatt
K036FT3HAKMACE
PROFESSIONAL LAND SURVEYOR L-4727

EXISTING ALIGNMENT NAME:EY21									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	619665.5992	744625.9513			06°35'35.9" Right	03°00'00.0"	219.7771	110.0100	1909.8593
CURVE									
PCC	619456.2575	744692.4698			08°07'59.8" Right	03°26'39.9"	236.1293	118.2633	1663.4412
CURVE									
PT	619224.1023	744734.5106							
LINE			S06°11'52.0"E	28.5303					
PC	619195.7387	744737.5907							
CURVE					03°26'00.0" Left	05°00'00.0"	68.6667	34.3436	1145.9156
PT	619127.7362	744747.0443							
LINE			S09°37'52.0"E	173.5160					
END	618956.6659	744776.0743							

EXISTING ALIGNMENT NAME:EY22									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	619129.5709	744946.5151							
LINE									
PC	618923.1975	745069.1319	S30°43'00.0"E	240.0517					
CURVE					02°45'00.0" Right	05°00'00.0"	55.0000	27.5053	1145.9156
PT	618875.2579	745096.0802							
LINE			S27°58'00.0"E	152.2452					
PC	618740.7919	745167.4767							
CURVE					26°21'00.0" Left	17°00'00.0"	155.0000	78.8955	337.0340
PT	618625.0896	745268.5585							
LINE			S54°19'00.0"E	74.9636					
PC	618581.3630	745329.4479							
CURVE					01°03'00.0" Left	02°00'00.0"	52.5000	26.2507	2864.7890
PT	618551.1319	745372.3695							
LINE			S55°22'00.0"E	44.7426					
PC	618525.7036	745409.1840							
CURVE					06°58'52.7" Left	09°30'00.0"	73.4875	36.7893	603.1135
PCC	618487.7215	745472.0417							
CURVE					25°29'07.3" Left	19°30'00.0"	130.6941	66.4462	293.8245
PT	618454.3717	745597.2973							
LINE			S87°50'00.0"E	61.0737					
PC	618452.0627	745658.3273							
CURVE					18°42'00.0" Left	14°00'00.0"	133.5714	67.3849	409.2556
PT	618468.6911	745790.2630							
LINE			N73°28'00.0"E	42.8980					
PC	618480.8987	745831.3873							
CURVE					01°05'00.0" Right	03°00'00.0"	36.1111	18.0561	1909.8593
PT	618490.8471	745866.1005							
LINE			N74°33'00.0"E	89.9816					
END	618514.8180	745952.8305							

EXISTING ALIGNMENT NAME:EY23									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617908.7667	742956.8313							
LINE			N29°53'00.0"W	45.6924					
PC	617948.3840	742934.0658							
CURVE					47°01'00.0" Right	100°00'00.0"	47.0167	24.9228	57.2958
PT	617993.8099	742928.9905							
LINE			N17°08'00.0"E	32.9175					
PC	618025.2666	742938.6879							
CURVE					12°09'00.0" Left	10°00'00.0"	121.5000	60.9787	572.9578
PT	618144.2873	742961.9489							
LINE			N04°59'00.0"E	78.5124					
END	618222.5030	742968.7690							

EXISTING ALIGNMENT NAME:EY24									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617970.4447	742926.8161							
LINE			S83°30'00.0"W	9.7687					
PC	617969.3388	742917.1102							
CURVE					26°34'00.0" Left	50°00'00.0"	53.1333	27.0531	114.5916
PT	617951.5158	742867.5595							
LINE			S56°56'00.0"W	24.9477					
PC	617937.9040	742846.6525							
CURVE					30°11'30.0" Right	20°00'00.0"	150.9583	77.2756	286.4789
PT	617891.8654	742704.7144							
LINE			S87°07'30.0"W	30.5972					
PC	617890.3307	742674.1558							
CURVE					07°41'30.0" Right	02°15'00.0"	341.8519	171.1831	2546.4791
PT	617896.1185	742332.6096							
LINE			N85°11'00.0"W	126.7633					
END	617906.7625	742206.2940							

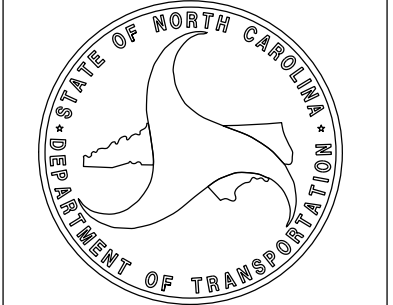
NOTES:

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.

R-5600

R/W02C-22

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



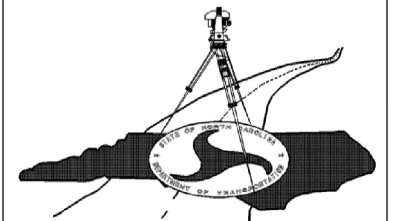
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: R-5600

County: Jackson

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY:

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