

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

EXISTING ALIGNMENT NAME:EY7									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	611707.0355	747790.4103							
LINE			N85°33'00.0"E	89.0091					
PC	611713.9416	747879.1511							
CURVE					05°15'52.7" Right	10°00'00.0"	52.6463	26.3417	572.9578
PRC	611715.6109	747931.7524							
CURVE					07°18'04.5" Left	22°28'08.2"	32.4949	16.2695	255.0000
PRC	611717.2176	747964.1855							
CURVE					05°56'11.8" Right	07°15'00.0"	81.8844	40.9789	790.2866
PT	611722.2404	748045.8791							
LINE			N89°27'00.0"E	33.1360					
END	611722.5584	748079.0136							

EXISTING ALIGNMENT NAME:EY8									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	611715.6686	747924.1054							
LINE			N02°12'00.0"W	94.9617					
PC	611810.5603	747920.4600							
CURVE					20°11'28.0" Right	16°45'00.0"	120.5440	60.9036	342.0644
PT	611929.3447	747936.9334							
LINE			N17°59'28.0"E	11.0290					
PC	611939.8344	747940.3399							
CURVE					03°18'54.2" Left	10°00'00.0"	33.1506	16.5799	572.9578
PT	611971.6427	747949.6615							
LINE			N14°40'33.8"E	67.4870					
PC	612036.9279	747966.7596							
CURVE					02°06'26.2" Right	05°00'00.0"	42.1456	21.0752	1145.9156
PT	612077.4929	747978.1846							
LINE			N16°47'00.0"E	67.7884					
PC	612142.3937	747997.7587							
CURVE					22°57'06.5" Left	17°15'00.0"	133.0540	67.4311	332.1494
PCC	612273.9932	748009.9841							
CURVE					34°39'53.5" Left	32°00'00.0"	108.3277	55.8788	179.0493
PT	612371.8273	747967.4428							
LINE			N40°50'00.0"W	87.3637					
PC	612437.9279	747910.3191							
CURVE					03°52'00.0" Right	20°00'00.0"	19.3333	9.6703	286.4789
PT	612452.9711	747898.1807							
LINE			N36°58'00.0"W	9.6522					
PC	612460.6831	747892.3764							
CURVE					17°49'00.0" Left	35°00'00.0"	50.9048	25.6595	163.7022
PT	612495.9817	747855.9828							
LINE			N54°47'00.0"W	10.0930					
PC	612501.8020	747847.7371							
CURVE					02°42'00.0" Right	07°00'00.0"	38.5714	19.2893	818.5111
PT	612524.7791	747816.7608							
LINE			N52°05'00.0"W	171.7433					
END	612630.3179	747681.2716							

EXISTING ALIGNMENT NAME:EY8A									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	612467.7992	747886.7039							
CURVE					42°20'00.0" Right	116°00'00.0"	36.4943	19.1252	49.3929
PT	612472.4550	747922.0686							
LINE			S76°20'00.0"E	13.9871					
PC	612469.1503	747935.6596							
CURVE					30°30'55.1" Left	54°00'00.0"	56.5098	28.9423	106.1033
PCC	612470.7007	747991.4824							
CURVE					10°37'24.1" Left	18°00'00.0"	59.0186	29.5941	318.3099
PCC	612492.9307	748046.0632							
CURVE					10°25'40.8" Left	10°00'00.0"	104.2801	52.2845	572.9578
PT	612549.1678	748133.7087							
LINE			N52°06'00.0"E	54.0029					
END	612582.3410	748176.3215							

EXISTING ALIGNMENT NAME:EY9									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	612636.2370	747463.2210							
LINE			N56°49'00.0"E	55.1813					
PC	612666.4388	747509.4036							
CURVE					04°06'00.0" Right	10°00'00.0"	41.0000	20.5088	572.9578
PT	612687.6326	747544.4907							
LINE			N60°55'00.0"E	22.2798					
PC	612698.4624	747563.9613							
CURVE					03°11'00.0" Left	15°00'00.0"	21.2222	10.6138	381.9719
PT	612709.2879	747582.2117							
LINE			N57°44'00.0"E	104.6869					
END	612765.1761	747670.7321							

EXISTING ALIGNMENT NAME:EY9A									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	613492.6004	747220.8102							
LINE			S87°59'00.0"E	241.3148					
PC	613484.1085	747461.9755							
CURVE					52°21'52.3" Left	70°00'00.0"	74.8065	40.2443	81.8511
PCC	613513.6777	747527.8757							
CURVE					14°58'35.3" Left	21°00'00.0"	71.3166	35.8627	272.8370
PCC	613573.8775	747565.7326							
CURVE					06°09'32.4" Left	07°00'00.0"	87.9856	44.0352	818.5111
PT	613655.6472	747598.1011							
LINE			N18°31'00.0"E	30.8986					
PC	613684.9462	747607.9139							
CURVE					17°54'57.1" Right	31°45'00.0"	56.4279	28.4461	180.4591
PCC	613734.8062	747633.8413							
CURVE					38°25'02.9" Right	115°00'00.1"	33.4065	17.3585	49.8224
PT	613753.3087	747660.9053							
LINE			N74°51'00.0"E	47.5259					
END	613765.7295	747706.7794							

EXISTING ALIGNMENT NAME:EY10									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	615197.8429	747720.4696							
LINE			N59°56'00.0"E	114.5392					
PC	615255.2279	747819.5968							
CURVE					12°07'30.0" Left	25°00'00.0"	48.5000	24.3409	229.1831
PT	615283.7705	747858.6967							
LINE			N47°48'30.0"E	30.5028					
PC	615304.2566	747881.2962							
CURVE					09°50'30.0" Left	30°00'00.0"	32.8056	16.4432	190.9859
PT	615328.2634	747903.5950							
LINE			N37°58'00.0"E	10.2183					
END	615336.3191	747909.8813							

EXISTING ALIGNMENT NAME:EY11									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	615212.4197	747745.6496							
LINE			N06°52'00.0""W	19.9201					
PC	615232.1969	747743.268							
CURVE					11°56'00.0"" Left	40°00'00.0""	29.8333	14.9708	143.2394
PT	615261.2325	747736.6535							
LINE			N18°48'00.0""W	69.8009					
PC	615327.3094	747714.159							
CURVE					03°17'00.0"" Right	10°00'00.0""	32.8333	16.4212	572.9578
PT	615358.6772	747704.4741							
LINE			N15°31'00.0""W	42.7555					
PC	615399.8743	747693.0362							
CURVE					13°55'00.0"" Right	30°00'00.0""	46.3889	23.3092	190.9859
PT	615445.634	747686.1497							
LINE			N01°36'00.0""W	82.6396					
PC	615528.2414	747683.8423							
CURVE					05°12'00.0"" Left	15°00'00.0""	34.6667	17.3452	381.9719
PT	615562.8031	747681.3043							
LINE			N06°48'00.0""W	48.6512					
PC	615611.1121	747675.5438							
CURVE					05°29'03.2"" Right	15°00'00.0""	36.5615	18.2947	381.9719
END	615647.568	747672.9575							

EXISTING ALIGNMENT NAME:EY11A									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	616377.0490	747255.4175							
LINE			N29°46'00.0"W	17.1797					
PC	616391.9619	747246.8883							
CURVE					17°39'00.0" Left	14°30'00.0"	121.7241	61.3480	395.1433
PT	616486.7271	747171.2608							
LINE			N47°25'00.0"W	9.8861					
PC	616493.4166	747163.9818							
CURVE					08°41'00.0" Right	35°00'00.0"	24.8095	12.4286	163.7022
PT	616511.5217	747147.0542							
LINE			N38°44'00.0"W	55.3086					
END	616554.6661	747112.4478							

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.

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 IN 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.

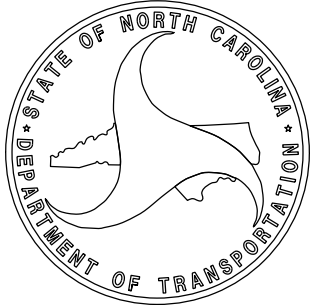
DocuSigned by:
Brian Barwatt
K058FT5HAKMACE

PROFESSIONAL LAND SURVEYOR L-4727

R-5600

R/W 02C-20

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

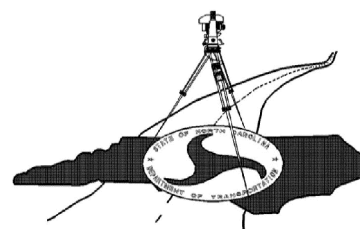


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: R-5600
County: Jackson

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY:
LOCATION AND SURVE