

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

EXISTING ALIGNMENT NAME:EY12									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	616547.8872	746800.8158							
LINE			N78°00'00.0""E	63.0877					
PC	616561.0039	746862.5249							
CURVE					21°50'00.0"" Right	55°00'00.0""	39.697	20.0922	104.1741
PT	616561.7499	746901.9751							
LINE			S80°10'00.0""E	25.9735					
PC	616557.3141	746927.567							
CURVE					14°09'00.0"" Left	10°30'00.0""	134.7619	67.7255	545.6741
PT	616550.8453	747061.8309							
LINE			N85°41'00.0""E	441.4297					
PC	616584.0712	747502.0084							
CURVE					01°23'26.8"" Right	04°45'00.0""	29.2793	14.6404	1206.2269
END	616585.9205	747531.2285							

EXISTING ALIGNMENT NAME:EY13									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	615635.5323	746508.0674							
LINE			N25°08'00.0""W	84.1542					
PC	615711.7190	746472.3249							
CURVE					04°56'43.9" Right	04°45'00.0"	104.1164	52.0905	1206.2269
PCC	615807.7681	746432.2244							
CURVE					20°42'37.6" Right	38°00'00.0"	54.5012	27.5512	150.7784
PCC	615861.1768	746422.9678							
CURVE					23°59'32.6" Right	22°15'00.0"	107.8310	54.7174	257.5091
PCC	615965.6766	746446.1709							
CURVE					18°33'05.9" Right	34°00'00.0"	54.5637	27.5227	168.5170
PT	616010.8252	746476.3848							
LINE			N43°04'00.0"E	49.3682					
PC	616046.8916	746510.0958							
CURVE					14°49'00.0" Left	13°00'00.0"	113.9744	57.3069	440.7368
PT	616139.2389	746576.3522							
LINE			N28°15'00.0"E	77.6177					
PC	616207.6115	746613.0902							
CURVE					00°49'00.0" Left	01°00'00.0"	81.6667	40.8340	5729.5780
PT	616279.8240	746651.2306							
LINE			N27°26'00.0"E	309.2998					
END	616554.3422	746793.7301							

EXISTING ALIGNMENT NAME:EY14									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	616855.0056	746445.9789							
LINE			N41°21'00.0"E	176.2232					
PC	616987.2942	746562.4020							
CURVE					05°32'00.0" Right	10°00'00.0"	55.3333	27.6882	572.9578
PT	617027.0038	746600.9058							
LINE			N46°53'00.0"E	20.2542					
PC	617040.8473	746615.6906							
CURVE					05°13'00.0" Left	15°00'00.0"	34.7778	17.4009	381.9719
PT	617065.7395	746639.9607							
LINE			N41°40'00.0"E	37.1326					
END	617093.4785	746664.6463							

EXISTING ALIGNMENT NAME:EY15									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	616965.3087	745038.3652							
LINE			N10°14'00.0"E	173.1778					
PC	617135.7317	745069.1315							
CURVE					00°25'00.0" Left	00°30'00.0"	83.3333	41.6669	11459.1559
PT	617217.7925	745083.6380							
LINE			N09°49'00.0"E	294.2627					
END	617507.7467	745133.8087							

EXISTING ALIGNMENT NAME:EY16									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617225.7748	745085.0192							
LINE			N61°27'00.0"W	69.7440					
PC	617259.1072	745023.7561							
CURVE					02°33'00.0" Left	10°00'00.0"	25.5000	12.7521	572.9578
PT	617270.7920	745001.0931							
LINE			N64°00'00.0"W	127.0553					
PC	617326.4893	744886.8966							
CURVE					03°16'00.0" Right	02°30'00.0"	130.6667	65.3510	2291.8312
PT	617387.0858	744771.1502							
LINE			N60°44'00.0"W	94.1822					
PC	617433.1291	744688.9900							
CURVE					06°03'00.0" Right	08°00'00.0"	75.6250	37.8477	716.1972
PT	617473.5115	744625.0909							
LINE			N54°41'00.0"W	190.2859					
PC	617583.5148	744469.8235							
CURVE					07°07'00.0" Left	05°00'00.0"	142.3333	71.2583	1145.9156
PT	617658.3820	744348.8787							
LINE			N61°48'00.0"W	33.5764					
END	617674.2486	744319.2877							

EXISTING ALIGNMENT NAME:EY17									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617549.069	745068.5387							
LINE			N18°54'00.0""E	44.163					
PC	617590.8509	745082.8438							
CURVE					28°10'00.0"" Right	18°00'00.0""	156.4815	79.8555	318.3099
PT	617720.7943	745167.1764							
LINE			N47°04'00.0""E	25.2844					
PC	617738.0167	745185.6882							
CURVE					03°42'00.0"" Left	10°00'00.0""	37	18.5064	572.9578
PT	617764.076	745211.9454							
LINE			N43°22'00.0""E	117.8172					
PC	617849.7261	745292.8463							
CURVE					56°59'21.8"" Right	113°59'59.6""	49.9907	27.2826	50.2595
PCC	617864.6554	745338.4185							
CURVE					14°49'38.2"" Right	41°00'00.0""	36.1641	18.1837	139.7458
PT	617853.6492	745372.7613							
LINE			S64°49'00.0""E	126.0667					
PC	617800.0058	745486.8454							
CURVE					09°11'54.4"" Right	08°30'00.0""	108.2171	54.2251	674.068
END	617746.311	745580.668							

EXISTING ALIGNMENT NAME:EY18									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617449.6462	744210.4901							
LINE			N24°25'00.0"E	172.6499					
PC	617606.8549	744281.8583							
CURVE					18°42'00.0" Right	12°00'00.0"	155.8333	78.6158	477.4648
PT	617735.8262	744368.0885							
LINE			N43°07'00.0"E	75.4100					
PC	617790.8727	744419.6301							
CURVE					25°25'00.0" Left	23°45'00.0"	107.0175	54.4039	241.2454
PT	617882.4140	744473.3550							
LINE			N17°42'00.0"E	7.9008					
END	617889.9408	744475.7571							

EXISTING ALIGNMENT NAME:EY19									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	617917.2437	744402.2631							
LINE			N15°13'53.0"E	670.9341					
PC	618564.6097	744578.5295							
CURVE					40°54'11.4" Right	05°12'31.3"	785.2842	410.2139	1100.0000
PT	619189.0033	745026.9204							
LINE			N56°08'04.4"E	319.9035					
PC	619367.2678	745292.5518							
CURVE					01°14'01.0" Left	01°00'00.0"	123.3609	61.6828	5729.5780
PT	619437.1074	745394.2364							
LINE			N54°54'03.4"E	300.6546					
PC	619609.9813	745640.2196							
CURVE					01°19'15.3" Right	01°00'00.0"	132.0911	66.0485	5729.5780
PT	619684.6802	745749.1570							
LINE			N56°13'18.6"E	383.4262					
PC	619897.8570	746067.8596							
CURVE					09°15'45.5" Right	02°00'37.4"	460.7408	230.8735	2850.0000
PT	620122.0163	746469.8207							
LINE			N65°29'04.1"E	10.6389					
END	620126.4308	746479.5005							

EXISTING ALIGNMENT NAME:EY20									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	618469.6515	744669.1945							
CURVE					19°31'17.7" Right	47°15'00.0"	41.3155	20.8599	121.2609
PCC	618510.3697	744663.4893							
CURVE					13°02'54.8" Right	27°00'00.0"	48.3280	24.2690	212.2066
PT	618558.0871	744670.4582							
LINE			N14°50'00.0"E	83.8198					
PC	618639.1135	744691.9168							
CURVE					57°09'00.0" Left	125°00'00.0"	45.7200	24.9650	45.8366
PT	618681.7066	744681.5009							
LINE			N42°19'00.0"W	64.7262					
END	618729.5674	744637.9255							

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.

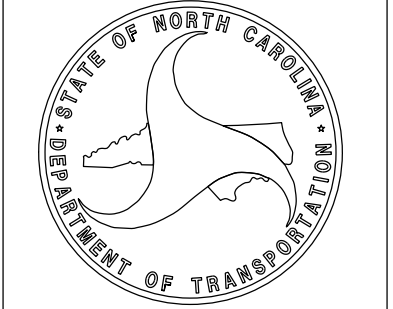
DocuSigned by:
Brian Barwatt
ASSISTANCE

PROFESSIONAL LAND SURVEYOR L-4727

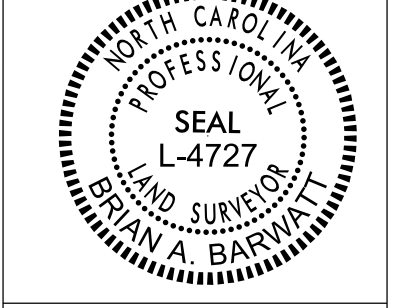
R-5600

R/W02C-2I

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: