

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

I, Sarah J. Vincent, 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 FROM 10/27/2024 TO 11/19/2024 , 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 19TH DAY OF DECEMBER, 2024.

DocuSigned by:
Sarah Vincent
860541758A5045A...

PROFESSIONAL LAND SURVEYOR L-5617

EXISTING ALIGNMENT NAME:EL									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	531107.5748	2283700.7841							
LINE			S59°00'31.6"E	968.91					
PC	530608.6749	2284531.3814							
CURVE					01°13'20.4" (LT)	05°43'46.5"	21.33	10.67	1000.00
PT	530597.8860	2284549.7854							
LINE			S60°13'52.0"E	84.59					
PC	530555.8875	2284623.2113							
CURVE					05°15'56.4" (LT)	01°46'00.9"	298.01	149.11	3242.71
PCC	530420.0093	2284888.3291							
CURVE					05°21'39.2" (LT)	03°49'11.0"	140.35	70.22	1500.00
PT	530367.8560	2285018.5714							
LINE			S70°51'27.5"E	196.26					
PC	530303.4979	2285203.9832							
CURVE					13°23'40.6" (LT)	02°41'23.8"	497.95	250.12	2130.00
PT	530196.4320	2285689.1280							
LINE			S84°15'08.2"E	62.16					
PC	530190.2065	2285750.9779							
CURVE					09°25'13.6" (LT)	01°40'32.9"	562.14	281.71	3419.00
PT	530180.0392	2286312.3977							
LINE			N86°19'38.2"E	86.9					
PC	530185.5667	2286398.5102							
CURVE					01°16'19.8" (LT)	02°04'01.0"	61.55	30.77	2772.00
PT	530190.1908	2286459.8825							
LINE			N85°03'18.5"E	411.61					
END	530225.6701	2286869.9576							

EXISTING ALIGNMENT NAME:EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	529779.9539	2283720.3278							
LINE			N37°38'04.2"E	245.99					
PC	529974.7558	2283870.5323							
CURVE					00°44'32.5" (RT)	01°08'45.3"	64.78	32.39	5000.00
PT	530025.8015	2283910.4218							
LINE			N38°22'36.7"E	211.62					
PC	530191.6967	2284041.7997							
CURVE					00°57'15.5" (LT)	00°16'15.2"	352.26	176.14	21149.96
PT	530469.6606	2284258.1865							
LINE			N37°25'21.3"E	169.96					
PC	530604.6413	2284361.4713							
CURVE					01°26'56.2" (RT)	02°17'30.6"	63.22	31.61	2500.00
PT	530654.3595	2284400.5213							
LINE			N38°52'17.5"E	92.46					
PC	530726.3450	2284458.5472							
CURVE					01°11'55.2" (LT)	02°17'30.6"	52.30	26.15	2500.00
PT	530767.4050	2284490.9421							
LINE			N37°40'22.3"E	626.64					
END	531263.4022	2284873.9170							

EXISTING ALIGNMENT NAME:EY1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	529996.8629	2283577.5534							
LINE			N86°37'09.1"E	1941.45					
PC	530111.3536	2285515.6225							
CURVE					00°31'07.1" (LT)	00°34'22.6"	90.52	45.26	10000.00
PT	530117.1008	2285605.9608							
LINE			N86°06'02.0"E	391.59					
PC	530143.7313	2285996.6467							
CURVE					03°39'10.8" (LT)	00°57'17.7"	382.54	191.34	6000.00
PT	530181.8910	2286377.2140							
LINE			N82°26'51.2"E	34.50					
END	530186.4250	2286411.4115							

EXISTING ALIGNMENT NAME:RAMP1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	530451.7615	2284820.7389							
CURVE					03°53'47.6" (LT)	01°45'08.3"	222.37	111.23	3269.73
PCC	530353.5498	2285020.1951							
CURVE					00°56'14.5" (RT)	01°45'09.7"	53.48	26.74	3269.00
PT	530331.1716	2285068.7688							
LINE			S64°47'43.5"E	308.91					
PC	530199.6211	2285348.2697							
CURVE					25°07'07.8" (LT)	07°50'55.5"	320.04	162.63	730.00
PC	530130.1208	2285658.0490							
CURVE					01°53'05.8" (LT)	01°44'39.0"	108.07	54.04	3285.00
PT	530131.7366	2285766.1032							
LINE			N88°12'02.9"E	101.27					
END	530134.9163	2285867.3251							

EXISTING ALIGNMENT NAME:RAMP2									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	530075.2292	2284904.1181							
CURVE					11°33'52.4" (LT)	05°15'23.4"	220.00	110.38	1090.00
PCC	530110.2044	2285120.9470							
CURVE					13°06'48.8" (LT)	13°28'52.9"	97.27	48.85	425.00
PT	530145.7802	2285211.2516							
LINE			N61°56'28.0"E	134.63					
PC	530209.1051	2285330.0538							
CURVE					27°03'41.2" (RT)	29°32'02.1"	91.63	46.69	194.00
PT	530231.8776	2285417.9301							
LINE			N89°00'09.2"E	40.22					
END	530232.5777	2285458.1428							

BASELINE POINTS TABLE				
POINT	DESC	NORTHING	EASTING	ELEVATION
101	BL-101	530727.0681	2284394.938	160.37
102	BL-102	530403.1823	2284974.011	160.41
103	BL-103	530244.8	2285490.645	161.10
104	BL-104	530186.0283	2286138.436	158.84
201	BY-201	530048.3579	2283910.246	163.40
202	BY-202	531258.424	2284887.067	156.97
301	BY-301	530035.3746	2284455.152	165.35
302	BY-302	530066.5569	2284999.981	165.98
303	BY-303	530093.4948	2285454.574	162.93

BENCHMARK TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESC
BM1	531040.7058	2283493.6479	167.72	Bench Mark Set In 48" Oak
BM2	531120.4509	2284667.4868	161.78	Bench Mark Set In 24" Pine Tree
BM3	530342.2903	2287811.5622	141.34	Bench Mark Set In 17" Redbud

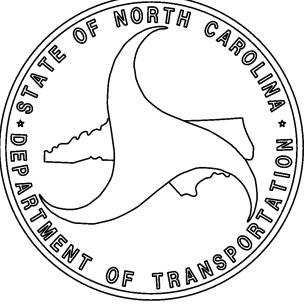
NOTES:

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.

HN0033

R/W 02C-3

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

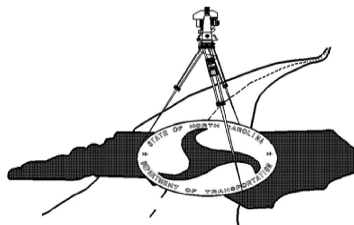


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: HN0033
County: Wayne

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY



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