

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

Baseline Points Table				
Benchmark	Description	Northing	Easting	Elevation
5	BL-5	817802.7670	1567819.9810	829.45
6	BL-6	818373.1610	1567841.1530	833.56
7	BL-7	823008.3898	1568455.9315	779.00
8	BL-8	823311.6950	1569474.7410	772.34
14	BL-14	816874.8959	1567941.1258	839.92
15	BL-15	817407.2652	1567819.0227	843.25
16	BL-16	817754.3332	1567603.9044	822.22
17	BL-17	818135.3341	1567404.2480	829.43
18	BL-18	818601.0640	1567487.8909	839.98
19	BL-19	818470.3492	1566135.9293	882.64
20	BL-20	818691.7920	1567187.2230	852.11
21	BL-21	819087.7186	1567199.3233	853.69
22	BL-22	819379.7903	1567363.5105	835.89
23	BL-23	819735.5337	1567426.8131	841.95
24	BL-24	820100.2256	1567460.6394	856.53
25	BL-25	820456.8688	1567604.3344	862.38
26	BL-26	820829.3935	1567743.4375	854.41
27	BL-27	821131.3862	1567800.2436	853.54
28	BL-28	821741.0559	1567972.5194	817.32
29	BL-29	822193.7942	1567878.5182	761.38
30	BL-30	822671.1889	1567796.2871	788.13
BY5	BY-5	821451.5690	1564090.1980	852.09
BY6	BY-6	821731.1682	1564786.6743	837.39

Benchmark Points Table				
Benchmark	Description	Northing	Easting	Elevation
BM1	R/R SPIKE IN 18" OAK	821249	1563934	861.87
BM2	BL-8, REBAR AND CAP	823312	1569475	772.34
BM3	BENCH TIE SET IN 27" OAK	822664	1567902	778.26
BM4	BENCH TIE SET IN 20" POPLAR	821106	1568023	830.42
BM5	BENCH TIE SET IN 12" PINE	819964	1567618	843.17
BM6	BENCH TIE SET IN 16" MAPLE	818605	1567562	840.07

EXISTING ALIGNMENT NAME:EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	821475.4783	1564161.4710							
CURVE					03°20'50.0"" Right	00°30'00.0""	669.4426	334.8165	11459.1559
ST	821787.0258	1564972.9740							
LINE			N70°42'34.0""E	3218.81					
SC	822916.1302	1568199.9510							
CURVE					03°24'00.0"" Right	00°18'00.0""	1133.3333	566.833	19098.5932
END	823306.0066	1569474.7380							

EXISTING ALIGNMENT NAME:EY1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	818403.7149	1566012.9189							
LINE			N69°40'19.3"E	43.3589					
PC	818418.7775	1566053.5774							
CURVE					05°24'20.8" Right	01°44'48.9"	309.4466	154.8382	3279.8185
PT	818506.8132	1566350.1173							
LINE			N76°18'56.9"E	645.2688					
PC	818659.4645	1566977.0697							
CURVE					01°21'20.5" Left	00°36'42.7"	221.5689	110.7896	9364.2095
PT	818713.4022	1567191.9679							
LINE			N75°48'21.8"E	470.2877					
PC	818828.7191	1567647.8984							
CURVE					12°06'03.2" Left	02°34'14.8"	470.7085	236.2330	2228.7296
PT	818991.2318	1568088.7313							
LINE			N63°27'30.4"E	629.6178					
HPI	819330.3650	1568764.0250							
LINE			S62°42'48.0"W	126.0582					
HPI	819330.3650	1568764.0250							
LINE			N63°01'16.5"E	210.6444					
END	819425.9260	1568951.7460							

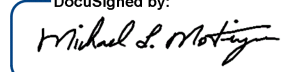
EXISTING ALIGNMENT NAME:EY2									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	816847.1128	1567970.3654							
LINE			N20°04'38.9"W	307.7812					
PC	817136.1900	1567864.7070							
CURVE					22°02'51.8" Right	04°57'07.6"	445.2195	225.3980	1157.0000
PT	817573.1551	1567795.0794							
LINE			N01°58'12.9"E	1314.3077					
END	818886.6858	1567840.2658							

EXISTING ALIGNMENT NAME:EY3									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	818533.7548	1566973.3601							
LINE			N02°49'04.8"E	126.4657					
END	818660.0676	1566979.5977							

EXISTING ALIGNMENT NAME:EY4									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	819145.6720	1568790.6460							
LINE			N08°12'06.9"W	186.6017					
END	819330.3650	1568764.0250							

I, MICHAEL L. MOTSINGER, 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 JANUARY 2020 TO FEBRUARY 2020 , 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 6TH DAY OF NOVEMBER, 2024.

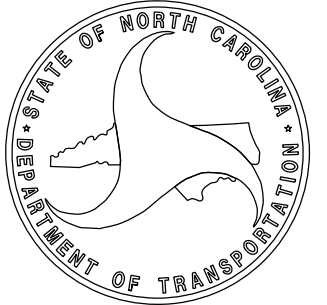
DocuSigned by:

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PROFESSIONAL LAND SURVEYOR L-3877

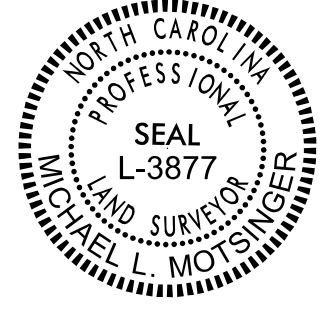
U-6187

R/W02C-13

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



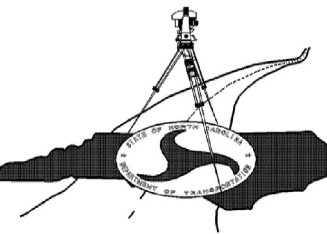
DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: U-6187

County: Davie

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY:
LOCATION AND SURVEYS
DIVISION 9
403 POLO RD
WINSTON-SALEM, NC 27105

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.