

PRIMARY SURVEY CONTROL SHEET

I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE PRIMARY PROJECT CONTROL WAS [PERFORMED/VERIFIED] UNDER MY SUPERVISION FROM AN ACTUAL GPS SURVEY MADE UNDER MY SUPERVISION AND THE FOLLOWING INFORMATION WAS USED TO PERFORM THE SURVEY:

CLASS OF SURVEY: AA
TYPE OF GPS FIELD PROCEDURE: [STATIC, OPUS, RTN]
DATES OF SURVEY: JULY 2018 - MAY 2022
DATUM/EPOCH: NAD 83/NA 2011
PUBLISHED/FIXED-CONTROL USE: [PROJECT CONTROL IF APPLICABLE, N/A FOR RTN]
LOCALIZED AROUND: GPS-2
NORTHING: 758,007.4391'
EASTING: 1,621,938.9302'
COMBINED GRID FACTOR: 0.999892691
GEOID MODEL: G12BNC
UNITS: US SURVEY FEET

THIS 24TH DAY OF FEBRUARY, 2025.

DocuSigned by:
Michael L. Motsinger
F0B6FE70E23C40E

PROFESSIONAL LAND SURVEYOR L-3877

BR-0015

R/W02C-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION

PROFESSIONAL LAND
SURVEYOR

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

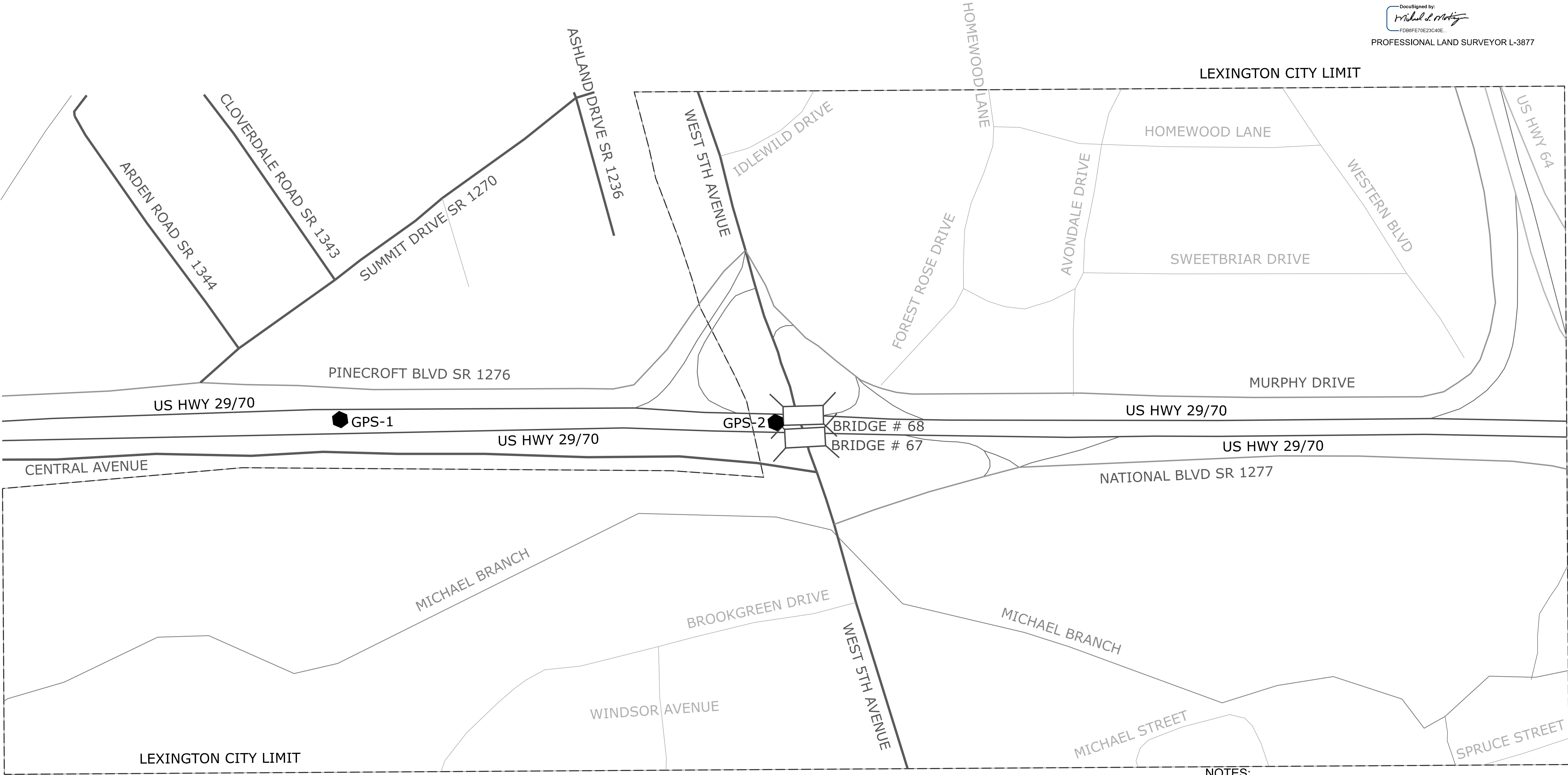
TIP PROJECT: BR-0015
County: DAVIDSON

PREPARED FOR

LOCATION AND
SURVEYS UNIT

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

PRIMARY CONTROL TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
GPS-1	GPS-1	757025.9700	1621182.6530	745.60
GPS-2	GPS-2	758007.4390	1621938.9300	732.30



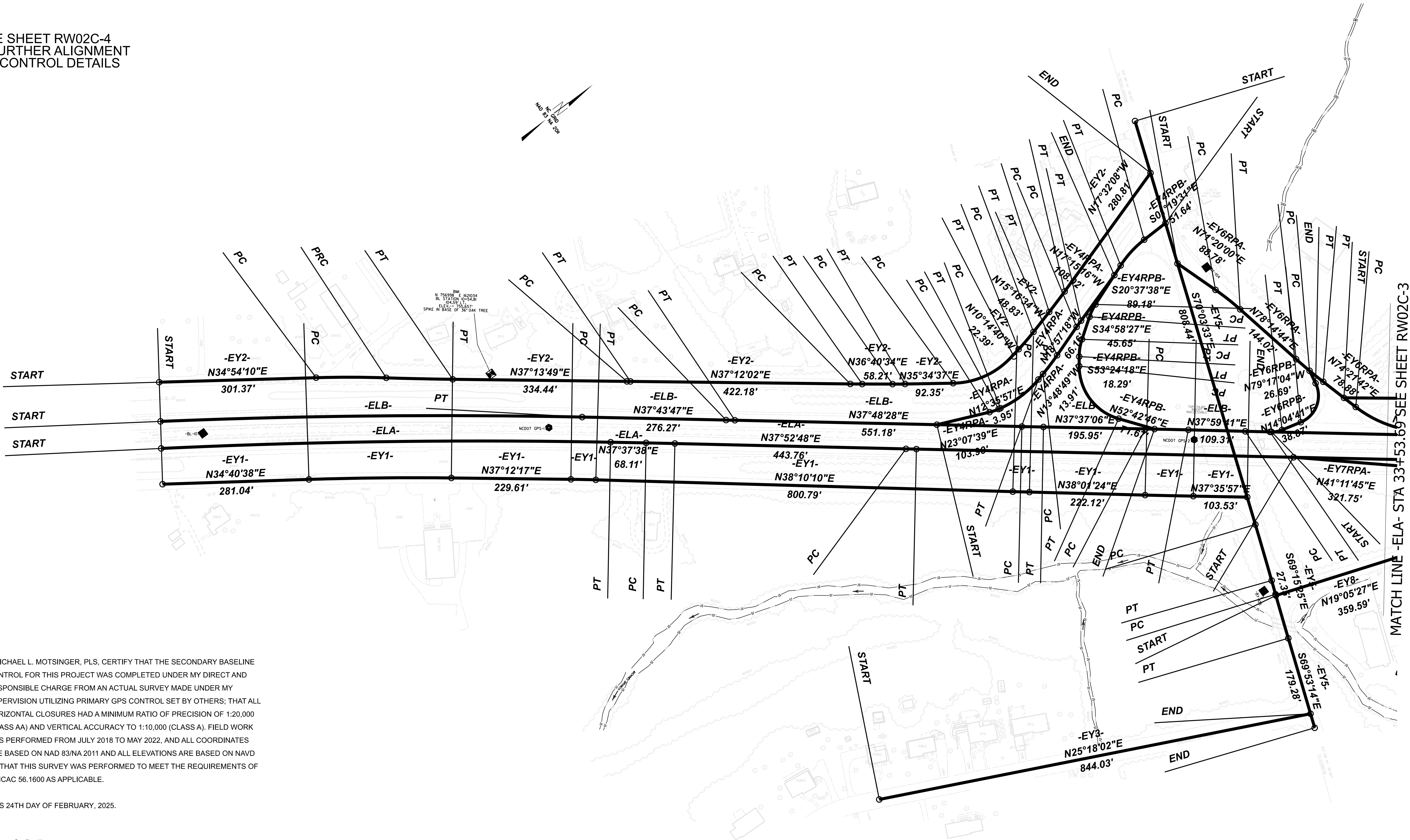
NOTES:

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.

SECONDARY SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

SEE SHEET RW02C-4
FOR FURTHER ALIGNMENT
AND CONTROL DETAILS



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 JULY 2018 TO MAY 2022, 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 24TH DAY OF FEBRUARY, 2025.

Does/Signed by:
Michael L. Motsinger
FDB6FE70E23C40E

PROFESSIONAL LAND SURVEYOR L-3877



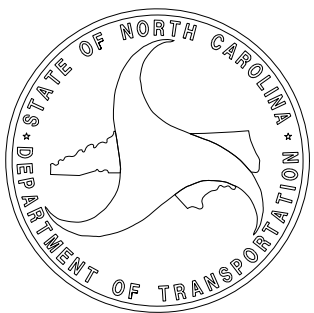
NOTES:

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.

BR-0015

R/W 02C-2

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

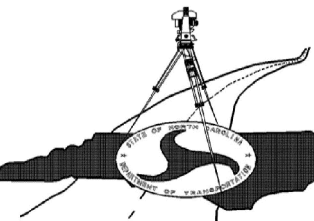


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BR-0015
County: DAVIDSON

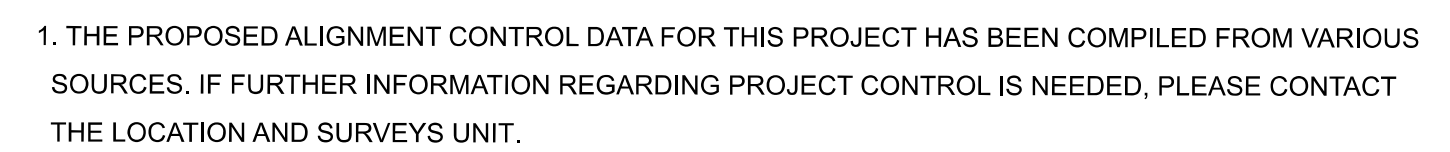
PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105

PREPARED BY
EDUCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105



SECONDARY SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE POINTS TABLE				
POINT	DESC	NORTH	EAST	ELEVATION
BL101	BL-101	758356.2340	1622213.1130	733.11
BL102	BL-102	758789.9400	1622547.8000	742.61
BL103	BL-103	759204.0090	1622869.7530	747.39
BY104	BL-104	758223.6800	1621687.0970	729.73
BY105	BL-105	757941.6020	1622251.8620	707.07
BY106	BL-106	758362.7860	1622432.1350	725.79
BL107	BL-107	758485.9800	1620796.0840	734.47
BL108	BL-108	759716.2290	1623206.5360	743.89

BENCHMARK POINTS TABLE				
BENCHMARK	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM1	756998.0000	1621034.0000	755.66	SPIKE IN BASE OF 36" OAK TREE
BM2	758273.0000	1622279.0000	727.83	SPIKE IN BASE OF 8" POPLAR TREE

EXISTING ALIGNMENT NAME:ELA									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	756404.2712	1620771.6311							
CURVE					03°44'46.5" Right	00°26'02.6"	863.0715	431.6896	13200.0000
PT	757104.5574	1621275.8397							
LINE			N37°37'37.7"E	68.1061					
PC	757158.4975	1621317.4199							
CURVE					00°15'10.6" Right	00°27'30.1"	55.1836	27.5918	12500.0000
PT	757202.1284	1621351.2069							
LINE			N37°52'48.3"E	443.7645					
PC	757552.3906	1621623.6832							
CURVE					00°05'29.9" Left	00°27'30.1"	19.9935	9.9968	12500.0000
PT	757568.1812	1621635.9468							
LINE			N37°47'17.4"E	2664.7790					
END	759674.1074	1623268.7733							

EXISTING ALIGNMENT NAME:ELB									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	756434.2040	1620729.1735							
CURVE					03°32'25.6" Right	00°26'14.5"	809.4787	404.8682	13100.0000
PT	757089.3175	1621204.4352							
LINE			N37°43'47.2"E	276.2657					
PC	757307.8175	1621373.4927							
CURVE					00°04'39.7" Right	00°27'30.1"	16.9489	8.4744	12500.0000
PT	757321.2154	1621383.8735							
LINE			N37°48'28.1"E	551.1798					
PC	757756.6868	1621721.7549							
CURVE					00°11'23.4" Left	00°27'30.1"	41.4124	20.7062	12500.0000
PT	757789.4475	1621747.0872							
LINE			N37°37'06.4"E	195.9540					
PC	757944.6614	1621866.6976							
CURVE					00°22'35.2" Right	00°27'30.1"	82.1276	41.0640	12500.0000
PT	758009.5490	1621917.0416							
LINE			N37°59'41.2"E	109.3069					
PC	758095.6901	1621984.3298							
CURVE					00°13'04.0" Left	00°27'30.1"	47.5138	23.7569	12500.0000
PT	758133.1897	1622013.5076							
LINE			N37°46'37.2"E	1985.9562					
END	759702.8916	1623230.0838							

EXISTING ALIGNMENT NAME:EY1									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	756365.5321	1620828.4327							
LINE									
PC	756596.6499	1620988.3301			N34°40'37.9"E	281.0384			
CURVE									
PT	756818.0598	1621148.8452							
LINE			N37°12'16.6"E	229.6082					
PC	757000.9385	1621287.6808							
CURVE					00°54'43.9" Right	01°54'35.5"	47.7628	23.8819	3000.0000
PT	757038.7223	1621316.8975							
LINE			N38°10'09.9"E	800.7886					
PC	757668.2917	1621811.7761							
CURVE					00°08'46.3" Left	00°27'30.1"	31.8957	15.9478	12500.0000
PT	757693.3928	1621831.4553							
LINE			N38°01'23.7"E	222.1171					
PC	757868.3679	1621968.2752							
CURVE					00°25'26.5" Left	00°27'30.1"	92.5079	46.2542	12500.0000
PT	757941.4522	1622024.9882							
LINE			N37°35'57.2"E	103.5254					
END	758023.4752	1622088.1526							

EXISTING ALIGNMENT NAME:EY2									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	756476.9477	1620667.1728							
LINE									
PC	756724.1053	1620839.8104			N34°54'10.1"E	301.3662			
CURVE									
PT	756832.1137	1620919.9893							
LINE					03°30'24.9" Right	02°36'15.7"	134.6560	67.3490	2200.0000
PC	756932.9343	1620998.2501							
CURVE					01°10'46.2" Left	00°55'26.9"	127.6327	63.8186	6200.0000
PT	757199.2177	1621200.5919							
LINE			N37°13'48.9"E	334.4383					
PC	757817.9797	1621602.7066							
CURVE					00°01'49.3" Left	00°27'30.1"	6.8253	3.3127	12500.0000
PT	757204.4938	1621204.5989							
LINE			N37°12'01.7"E	422.1786					
PC	757540.7694	1621459.8508							
CURVE					00°31'29.3" Left	02°17'30.6"	22.8987	11.4494	2500.0000
PT	757559.0718	1621473.6118							
LINE			N36°40'34.3"E	58.2140					
PC	757605.7608	1621508.3826							
CURVE					01°05'55.7" Left	04°35'01.2"	23.9720	11.8663	1250.0000
PT	757625.1231	1621522.6156							
LINE			N35°34'37.1"E	92.3497					
PC	757700.2343	1621576.2443							
CURVE					45°49'17.8" Left	36°57'54.1"	123.9594	65.5090	155.0000
PT	757817.9797	1621602.7066							
LINE			N10°14'39.9"W	22.3918					
PC	757840.0145	1621598.7242							
CURVE					05°01'54.5" Left	11°27'33.0"	43.9108	21.9695	500.0000
PT	757882.8270	1621589.0286							
LINE			N15°16'34.1"W	48.8264					
PC	757929.9283	1621576.1643							
CURVE					02°15'34.4" Left	04°35'01.2"	49.2960	24.6512	1250.0000
PT	757977.2141	1621562.2420							
LINE			N17°32'08.3"W	280.8052					
END	758244.9702	1621477.6357							

EXISTING ALIGNMENT NAME:EY3								
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	R
START	757110.3962	1622133.9869						
LINE								
END	757873.4612	1622494.6970						

EXISTING ALIGNMENT NAME:EY4RPA								
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	R
START	757627.7499	1621621.7130						
LINE								
PC	757723.3017	1621662.5235						
CURVE								
PT	757740.7698	1621668.1530						
LINE								
PC	757744.6284	1621669.0154						
CURVE								
PT	757836.0045	1621668.0460						
LINE								
PC	757849.5093	1621664.7255						
CURVE								
PT	757892.5360	1621652.0747						
LINE								
PC	757955.1101	1621630.5837						
CURVE								
PT	757969.2163	1621625.9718						
LINE								
END	758072.3720	1621593.9326						

EXISTING ALIGNMENT NAME:EY4RPB								
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	R
START	758210.6923	1621572.1173						
LINE								
PC	758159.0655	1621573.3117						
CURVE								
PT	758093.2343	1621586.0796						
LINE								
PC	758009.7686	1621617.4974						
CURVE								
PT	757986.5717	1621629.7282						
LINE								
PC	757949.1696	1621655.8923						
CURVE								
PT	757925.0551	1621679.3343						
LINE								
PC	757914.1512	1621694.0190						
CURVE								
PT	757914.9136	1621820.2255						
LINE								
END	757958.3336	1621877.2486						

EXISTING ALIGNMENT NAME:EY5								
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	R
START	758280.4741	1621379.7746						
LINE								
PC	758004.7560	1622139.7492						
CURVE								
PT	757965.8143	1622244.7964						
LINE								
PC	757956.1260	1622270.3676						
CURVE								
PT	757925.4180	1622352.8161						
LINE								
END	757863.7684	1622521.1657						

EXISTING ALIGNMENT NAME:EY6RPA									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
START	758183.1186	1621648.1202							
LINE			N71°20'00.0"E	88.7840					
PC	758211.5350	1621732.2339							
CURVE					06°54'44.3" Right	11°27'33.0"	60.3213	30.1973	500.0000
PT	758227.3517	1621790.4067							
LINE			N78°14'44.1"E	144.0182					
PC	758256.6907	1621931.4049							
CURVE					03°53'02.1" Left	05°43'46.5"	67.7874	33.9067	1000.0000
PT	758272.7381	1621997.2520							
LINE			N74°21'41.9"E	78.8752					
PC	758294.0001	1622073.2075							
CURVE					26°45'17.8" Left	25°27'53.2"	105.0664	53.5091	225.0000
PT	758344.5009	1622164.2541							
LINE			N47°36'24.1"E	60.3142					
END	758385.1657	1622208.7982							

PROPOSED ALIGNMENT CONTROL SHEET

I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE DATA COMPILED CAME FROM AVAILABLE SURVEYS/MAPPING PERFORMED BY OTHERS AND PROVIDED TO ME BY NCDOT AND DO NOT CERTIFY TO THE ACCURACY OR QUALITY OF THE INDIVIDUAL DATA SOURCES.

THIS 24TH DAY OF FEBRAURY, 2025.

PROPOSED ALIGNMENT: L												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
PC	10+00.00	756509.9787	1620811.1269	N36°09'31.2"E	738.2396	03°16'11.9"	00°26'34.4"	738.3398	369.2701	12937.0000		
PT	17+38.34	757106.0231	1621246.7055	N37°47'37.2"E	3250.0000							
END	49+88.34	759674.2473	1623238.3693									

DocuSigned by:
Michael L. Motsinger
FDB8FE70E23C40E
PROFESSIONAL LAND SURVEYOR L-3877

PROPOSED ALIGNMENT: Y1												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	758280.4741	1621379.7750	S70°03'33.4""E	808.4441							
PC	18+08.44	758004.7560	1622139.7490	S69°39'29.2""E	112.0235	00°48'08.3""	00°42'58.3""	112.0244	56.0131	8000.0000		
PT	19+20.47	757965.8143	1622244.7860	S69°15'25.1""E	27.339							
PC	19+47.81	757956.1314	1622270.3530	S69°34'19.6""E	88.0088	00°37'49.2""	00°42'58.3""	88.0092	44.0050	8000.0000		
END	20+35.82	757925.4139	1622352.8270									

PROPOSED ALIGNMENT: Y2												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	758177.2620	1621664.2628	N34°56'26.6"E	37.8187							
PC	10+37.82	758208.2637	1621685.9227	N56°16'54.3"E	72.7836	42°40'55.4"	57°17'44.8"	74.4942	39.0709	100.0000		
PT	11+12.31	758248.6666	1621746.4625	N77°37'22.0"E	206.4135							
PC	13+18.73	758292.9108	1621948.0784	N57°18'49.5"E	236.0167	40°37'05.0"	16°51'06.1"	241.0323	125.8307	340.0000		
PT	15+59.76	758420.3688	1622146.7196	N37°00'17.0"E	302.4596							
END	18+62.22	758661.9088	1622328.7642									

PROPOSED ALIGNMENT: Y3												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	757955.2325	1622272.7267	N19°05'26.7"E	359.5938							
PC	13+59.59	758295.0492	1622390.3374	N20°00'15.5"E	159.4371	01°49'37.5"	01°08'45.3"	159.4439	79.7287	5000.0000		
PT	15+19.04	758444.8670	1622444.8793	N20°55'04.2"E	134.9424							
END	16+53.98	758570.9158	1622493.0576									

PROPOSED ALIGNMENT: LPB												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
TS	10+00.00	757983.6493	1621883.0154			31°38'27.4"		148.0000			100.2903	50.8127
SC	11+48.00	757886.5484	1621773.9811	N37°48'44.4"W	255.9496	145°30'22.0"	42°45'29.0"	340.3011	431.6318	134.0000		
PT	14+88.30	758088.7545	1621617.0642	N34°56'26.6"E	102.8010							
END	15+91.10	758173.0251	1621675.9413									

PROPOSED ALIGNMENT: RPB												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
TS	10+00.00	757323.6689	1621371.1991			07°10'26.1"		150.0000			100.0822	50.0748
SC	11+50.00	757445.8489	1621458.0364	N20°34'06.8"E	209.0842	20°06'08.5"	09°33'54.9"	210.1605	106.1716	599.0000		
CS	13+60.16	757641.6045	1621531.4935			09°33'54.9"		200.0000			133.5285	66.8441
ST	15+60.16	757840.8357	1621545.9137	N00°57'07.7"E	53.2541							
TS	16+13.41	757894.0825	1621546.7986			18°38'09.1"		150.0000			100.5578	50.5075
SC	17+63.41	758042.2207	1621565.3748	N27°14'51.7"E	61.8459	15°23'09.8"	24°48'12.1"	62.0321	31.2038	231.0000		
PT	18+25.45	758097.2039	1621593.6902	N34°56'26.6"E	102.8308							
END	19+28.28	758181.4990	1621652.5844									

PROPOSED ALIGNMENT: RPD												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
TS	10+00.00	758329.4201	1622239.7440			07°38'22.0"		80.0000			53.3831	26.7119
SC	10+80.00	758390.3495	1622291.4886	N53°14'06.4"E	81.4501	15°36'14.4"	19°05'54.9"	81.7024	41.1056	300.0000		
PT	11+61.70	758439.1001	1622356.7382	N61°02'13.6"E	124.5740							
END	12+86.28	758499.4242	1622465.7321									

PROPOSED ALIGNMENT: RPD-RT												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
PC	10+00.00	758424.7745	1622333.4307	S76°33'23.4"E	76.8400	95°15'59.0"	110°11'03.1"	86.4610	57.0136	52.0000		
PT	10+86.46	758406.9102	1622408.1652	S28°55'23.9"E	27.7186							
END	11+14.18	758382.6491	1622421.5710									

PROPOSED ALIGNMENT: DRW1												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	758323.8584	1622033.0253	N12°39'28.4"W	150.0000							
END	11+50.00	758470.2128	1622000.1560									

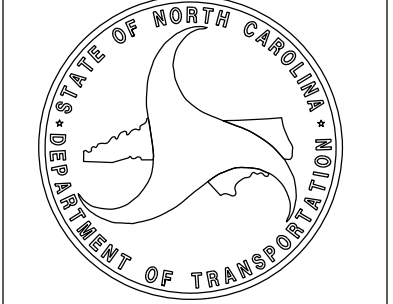
NOTES:

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.

BR-0015

R/W020-I

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



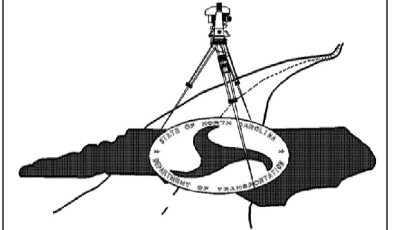
SEAL
L-3877
MICHAEL L. MOTSINGER

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BR-0015
County: DAVIDSON

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105

RIGHT OF WAY CONTROL SHEET

PERMANENT ROW MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
12+90.00	-132.50	756824.5674	1620870.6924
12+90.00	-147.96	756833.6105	1620858.1575

PERMANENT ROW MARKER IRON PIN AND CAP: Y1			
STATION	OFFSET	NORTH	EAST
10+85.47	30.30	758222.8411	1621449.7821
10+85.57	73.74	758181.9712	1621435.0610
11+50.00	-29.79	758257.3189	1621530.9406
11+55.70	100.84	758132.5775	1621491.7494
11+78.51	-29.83	758247.6320	1621557.7510

-PK NAIL SET

-PK NAIL SET

PERMANENT ROW MARKER IRON PIN AND CAP: Y2			
STATION	OFFSET	NORTH	EAST
10+70.96	-52.64	758274.3656	1621678.0192
13+45.00	-39.66	758337.4966	1621962.0314
14+90.03	-31.99	758393.4137	1622078.2664

-PK NAIL SET

PERMANENT ROW MARKER IRON PIN AND CAP: RPB			
STATION	OFFSET	NORTH	EAST
11+65.00	-89.57	757502.5299	1621387.3128
15+60.16	-120.00	757842.8298	1621425.9303
16+15.08	-120.00	757897.7478	1621426.8430
17+65.70	-106.66	758081.0634	1621466.0020

-PK NAIL SET

PERMANENT ROW MARKER IRON PIN AND CAP: DRW1			
STATION	OFFSET	NORTH	EAST
10+60.00	-35.43	758374.6370	1621985.3115
10+63.65	24.56	758391.3400	1622043.0417

PERMANENT EASEMENT MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
16+97.00	148.50	756982.6868	1621339.0622
16+97.00	128.34	756994.9928	1621323.0886
17+18.00	128.36	757011.4371	1621335.8118
17+18.00	148.50	756999.1212	1621351.7446
21+65.00	148.00	757352.4824	1621625.1243
21+65.00	127.88	757364.8125	1621609.2249
21+85.00	148.00	757368.2869	1621637.3807
21+85.00	127.86	757380.6306	1621621.4636
25+64.00	152.00	757665.3301	1621872.8002
25+64.00	127.44	757680.3840	1621853.3884
25+85.00	152.00	757681.9247	1621885.6694
25+96.00	141.95	757696.7726	1621884.4720
47+25.00	129.14	759387.0124	1623179.0366
47+72.00	139.00	759418.1087	1623215.6330
48+00.00	139.00	759440.2350	1623232.7919
48+00.00	129.12	759446.2925	1623224.9808

-PK NAIL SET

PERMANENT EASEMENT MARKER IRON PIN AND CAP: Y2			
STATION	OFFSET	NORTH	EAST
11+00.00	-116.00	758354.6868	1621696.0366
11+04.00	-40.39	758285.1470	1621726.5224
11+29.00	-115.00	758364.5705	1621738.1118
11+74.00	-40.10	758301.0618	1621798.1194
15+91.00	-50.00	758475.4117	1622125.5938
15+91.00	-36.75	758467.4361	1622136.1759
16+02.00	-50.00	758484.1961	1622132.2145
16+02.00	-36.55	758476.1013	1622142.9549

-PK NAIL SET

PERMANENT EASEMENT MARKER IRON PIN AND CAP: DRW1			
STATION	OFFSET	NORTH	EAST
10+95.00	-34.81	758408.9206	1621978.2488

I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED FROM MAY 2024 TO JUNE 2024, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 25TH DAY OF FEBRUARY, 2025.

DocuSigned by:
Michael L. Motsinger
FDB8F70E23C40E...
PROFESSIONAL LAND SURVEYOR L-3877

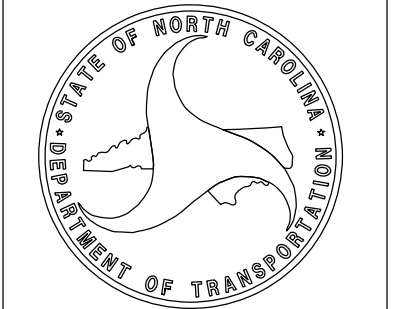
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

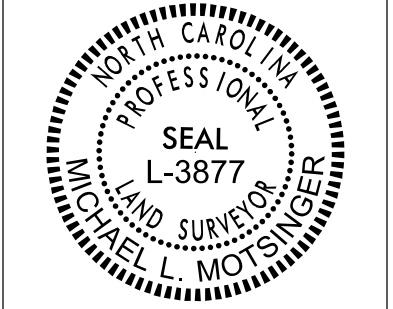
BR-0015

R/W03E-I

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

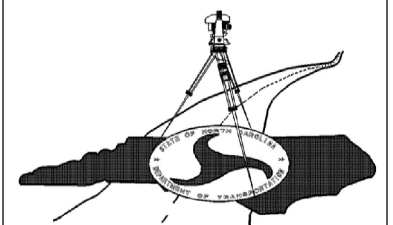


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BR-0015
County: DAVIDSON

PREPARED FOR



LOCATION AND
SURVEYS UNIT

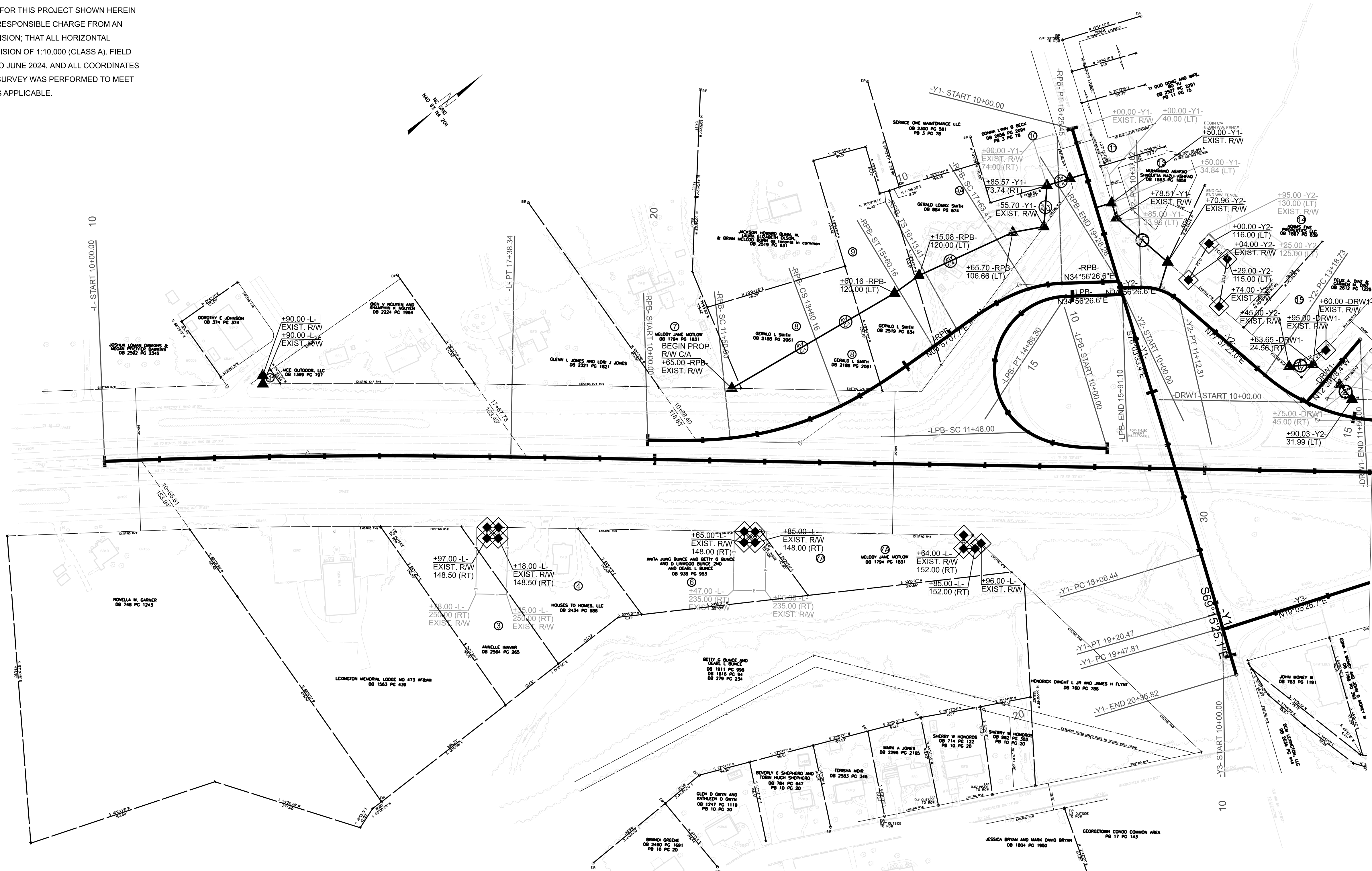
PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105

I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED FROM MAY 2024 TO JUNE 2024, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 27TH DAY OF FEBRUARY, 2025.

DocuSigned by:
Michael L. Motzger
FDB8FE70E23C40E...

PROFESSIONAL LAND SURVEYOR L-3877



MATCH LINE -L- STA 33+03.69 SEE SHEET RW05

[illegible]

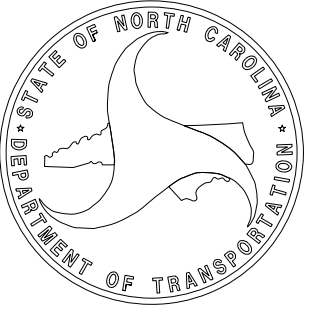
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL
IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

BR-0015

R/W	04
-----	----

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

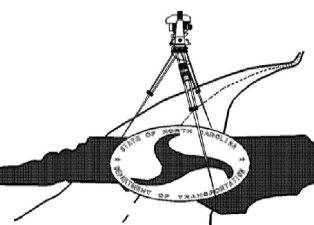


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD SPECIFICATIONS

TIP PROJECT: BR-0015
County: DAVIDSON

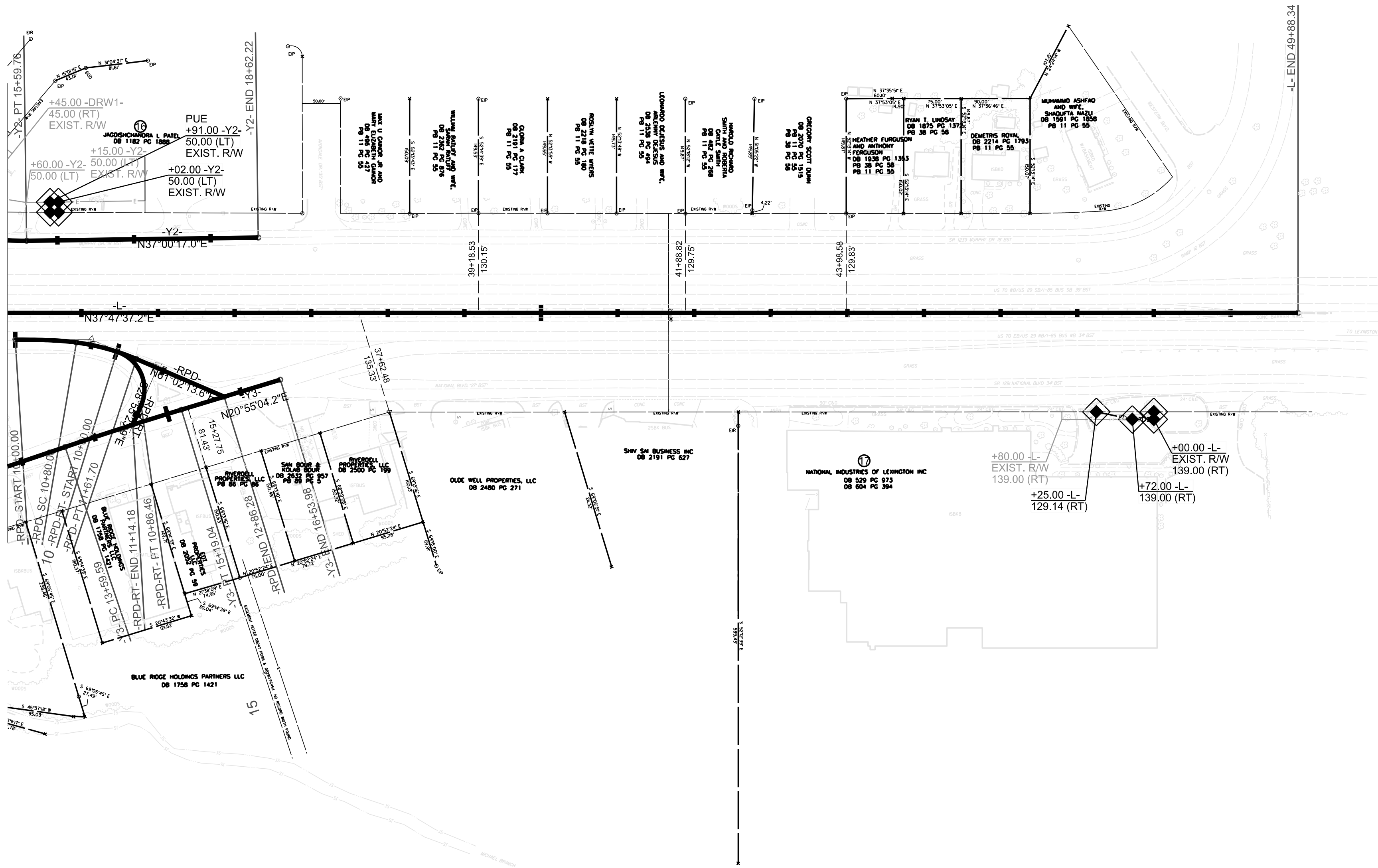
PREPARED FOR



LOCATION AND SURVEYS UNIT

PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105

MATCH LINE -L- STA 33+03.69 SEE SHEET RW04



I, MICHAEL L. MOTSINGER, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED FROM MAY 2024 TO JUNE 2024, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 27TH DAY OF FEBRUARY, 2025.

DocuSigned by:
Michael L. Motsinger
F0B8FE70E22C40E
PROFESSIONAL LAND SURVEYOR L-3877

~~CUR DATA -Y3-~~
P/C 14+39.32
 $\Delta c = 01^{\circ}49'37.5''$ (RT)
 $D = 01^{\circ}08'45.3''$
 $Lc = 159.44$
 $Tc = 79.73$
 $R = 5,000$
 $SE = 0.000$

~~SCS DATA -RPD-~~
P/SCS 10+00.00
 $\Delta scs = 00^{\circ}00'00.0''$ (RT)
 $Tscs = 0.00$

~~SPL DATA -RPD-~~
P/S 10+53.38
 $\theta s = 07^{\circ}38'22.0''$
 $Ls = 80$
 $LT = 53.38$
 $ST = 26.71$

~~CUR DATA -RPD-~~
P/C 11+21.11
 $\Delta c = 15^{\circ}36'14.4''$ (RT)
 $D = 19^{\circ}05'54.9''$
 $Lc = 81.70$
 $Tc = 41.11$
 $R = 300$
 $SE = 0.000$

~~SCS DATA -RPD-RT-~~
P/SCS 10+00.00
 $\Delta scs = 00^{\circ}00'00.0''$ (RT)
 $Tscs = 0.00$

~~CUR DATA -RPD-RT-~~
P/C 10+57.01
 $\Delta c = 95^{\circ}15'59.0''$ (RT)
 $D = 110^{\circ}11'03.1''$
 $Lc = 86.46$
 $Tc = 57.01$
 $R = 52$
 $SE = 0.000$



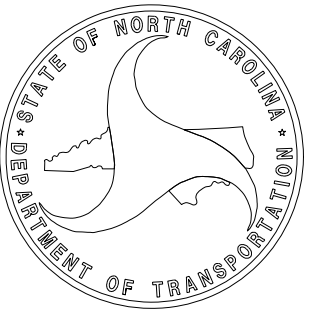
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

BR-0015

R/W 05

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

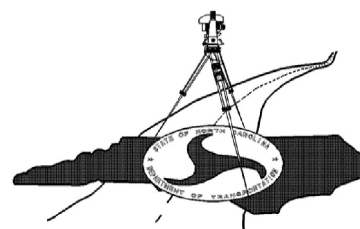


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BR-0015
County: DAVIDSON

PREPARED FOR



LOCATION AND
SURVEYS UNIT

PREPARED BY
LOCATION AND SURVEYS
DIVISION 9
WINSTON-SALEM, NC
27105