09/08/99

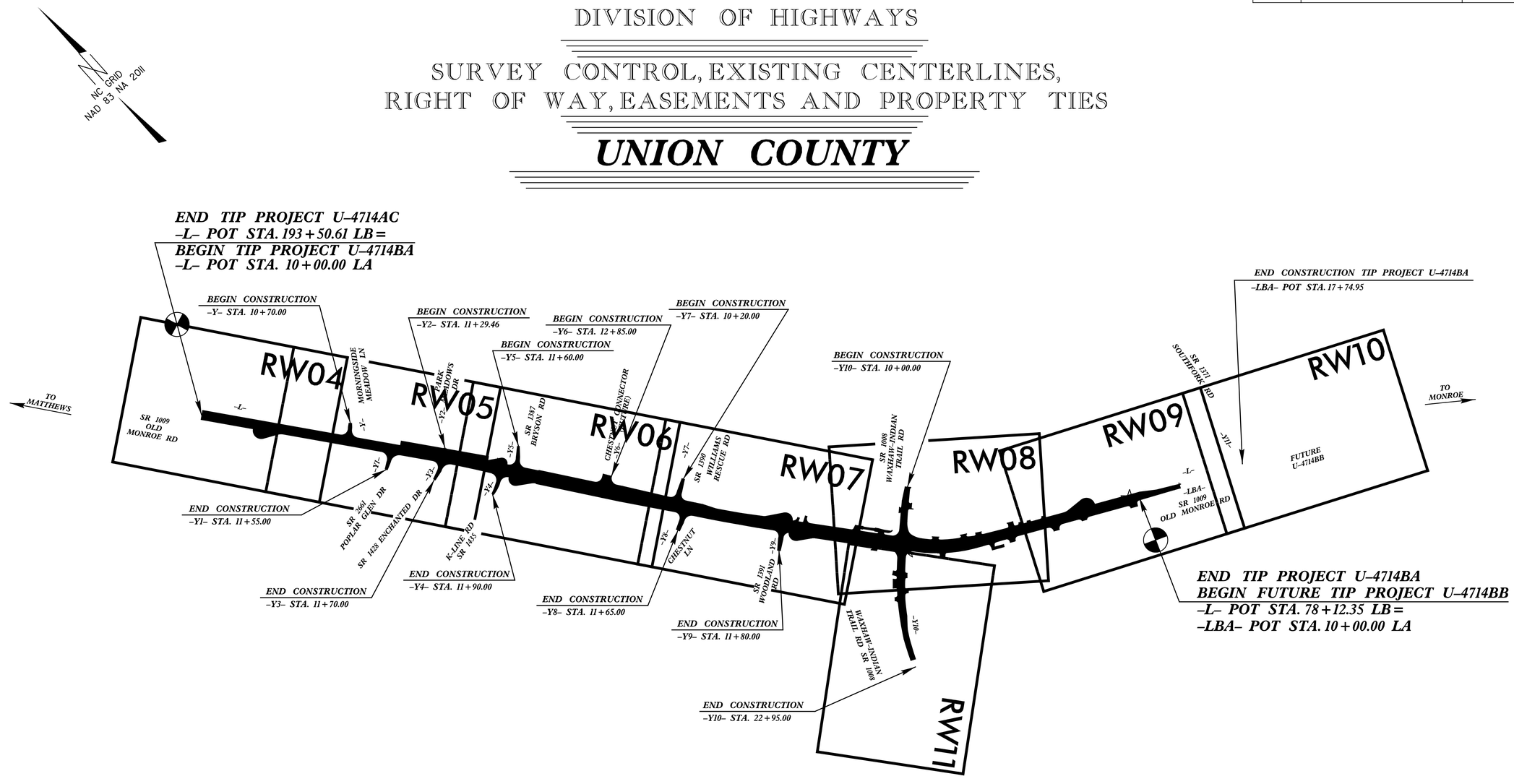
TIP PROJECT: U-4714BA

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4714BA	RW01	21

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

UNION COUNTY



GRAPHIC SCALE

50 25 0 50 100
PLANS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "15507-14"
WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 483188.9820(ft) EASTING: 1457726.4270(ft)
ELEVATION: 629.30(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99984880
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "15507-14" TO -L- STATION 10+00.00 IS
N 82-35'59.5" E 37172.80(ft)
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared In the Office of:

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:	LETTING DATE:
MAY 24, 2021	JANUARY 19, 2027

PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

Signed by: Jacob Buczynski 7/21/2026
93908B574013407...
SIGNATURE: Date:

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

$$$$$$USERNAME$$$$$$
$$$$$$SYSTIME$$$$$$
$$$$$$DGN$$$$$$

6/2/99

REVISIONS

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW02D-1

Location and Surveys

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1330

I, Jacob Buczynski, 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 day 7/23/2026.

Signed by:
Jacob Buczynski
93908B574013407...
Professional Land Surveyor L-5754

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

L

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	487976.7684	1494589.6062							
LINE			S 38°12'43.5" E	1784.31					
PC	486574.7861	1495693.3361							
CURVE			S 37°17'22.9" E	257.56	01°50'41.1"(RT)	00°42'58.3"	257.58	128.80	8000.00
PT	486369.8728	1495849.3801							
LINE			S 36°22'02.4" E	1533.48					
PC	485135.0624	1496758.6746							
CURVE			S 38°01'24.5" E	462.42	03°18'44.3"(LT)	00°42'58.3"	462.48	231.31	8000.00
PT	484770.7877	1497043.5177							
LINE			S 39°40'46.7" E	1144.73					
PC	483889.7758	1497774.4189							
CURVE			S 51°37'32.4" E	413.98	23°53'31.5"(LT)	05°43'46.5"	417.00	211.57	1000.00
PT	483632.7780	1498098.9679							
LINE			S 63°34'18.1" E	1212.77					
PC	483093.0024	1499184.9915							
CURVE			S 66°57'38.0" E	945.80	06°46'39.8"(LT)	00°42'58.3"	946.35	473.73	8000.00
PT	482722.8515	1500055.3459							
LINE			S 70°20'57.9" E	468.93					
PC	482565.1590	1500496.9635							
CURVE			S 57°44'28.8" E	1004.09	25°12'58.1"(RT)	02°29'28.0"	1012.24	514.45	2300.00
PT	482029.2328	1501346.0707							
LINE			S 45°07'59.7" E	860.14					
PC	481422.4387	1501955.6939							
CURVE			S 42°49'19.4" E	634.75	04°37'20.7"(RT)	00°43'40.9"	634.92	317.63	7870.00
PCC	480956.8693	1502387.1488							
CURVE			S 42°47'06.7" E	624.63	04°32'55.2"(LT)	00°43'40.9"	624.79	312.56	7870.00
PT	480498.4497	1502811.4299							
LINE			S 45°03'34.3" E	3167.38					
PC	478261.1024	1505053.4305							
CURVE			S 48°55'40.4" E	1079.43	07°44'12.1"(LT)	00°42'58.3"	1080.25	540.95	8000.00
PT	477551.9092	1505867.1928							
LINE			S 52°47'46.4" E	1977.51					
PC	476356.2053	1507442.2592							
CURVE			S 52°59'10.9" E	265.48	00°22'49.0"(LT)	00°08'35.7"	265.48	132.74	40000.00
PT	476196.3868	1507654.2406							
LINE			S 53°10'35.4" E	2903.82					
POT	474608.3022	1509775.2626							

Y

POINT	N	E	BEARING	DIST
POT	487278.0020	1495392.6481		
LINE			S 45°20'02.4" W	200.00
POT	487137.4074	1495250.4047		

Y1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	486890.9828	1495444.4059							
LINE			S 58°08'31.6" W	118.35					
PC	486828.5166	1495343.8852							
CURVE			S 65°26'16.6" W	116.83	14°35'29.9"(RT)	12°27'20.2"	117.15	58.89	460.00
PT	486779.9517	1495237.6243							
LINE			S 72°44'01.5" W	79.50					
POT	486756.3545	1495161.7050							

Y2

POINT	N	E	BEARING	DIST
POT	486726.2638	1495828.6245		
LINE			S 51°43'22.1" W	200.00
POT	486602.3705	1495671.6199		

Y3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	486602.3705	1495671.6199							
CURVE			S 62°18'30.7" W	141.20	21°07'56.1"(RT)	14°52'55.3"	142.00	71.82	385.00
PT	486536.7557	1495546.5970							
LINE			S 72°52'28.7" W	228.00					
POT	486469.6176	1495328.7045							

Y4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	486267.6643	1495924.6448							
LINE			S 53°37'57.6" W	64.86					
PC	486229.2036	1495872.4156							
CURVE			S 63°23'27.7" W	118.65	19°31'00.2"(RT)	16°22'12.8"	119.22	60.19	350.00
PT	486176.0624	1495766.3368							
LINE			S 73°08'57.8" W	65.92					
POT	486156.9546	1495703.2501							

Y5

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	486432.3021	1496229.4386							
LINE			S 38°10'37.4" W	45.39					
PC	486396.6191	1496201.3821							
CURVE			S 42°00'03.1" W	206.73	07°38'51.3"(RT)	03°41'47.4"	206.89	103.60	1550.00
PT	486242.9881	1496063.0479							
LINE			S 45°49'28.8" W	97.72					
POT	486174.8909	1495992.9616							

Y6

POINT	N	E	BEARING	DIST
POT	485892.7754	1496697.1284		
LINE			S 55°43'13.1" W	400.00
POT	485667.4821	1496366.6093		

Y7

POINT	N	E	BEARING	DIST
POT	485362.5424	1496863.5730		
LINE			S 58°01'27.5" W	220.00
POT	485246.0393	1496676.9530		

Y8

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	485181.4604	1496724.5079							
LINE			S 62°03'03.8" W	120.65					
PC	485124.9116	1496617.9261							
CURVE			S 73°56'19.4" W	197.75	23°46'31.1"(RT)	11°56'11.8"	199.18	101.04	480.00
PT	485070.2000	1496427.8915							
LINE			S 85°49'34.9" W	30.17					
POT	485068.0045	1496397.8053							

Y9

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	484634.1404	1497156.8824							
LINE			S 50°19'13.3" W	173.93					
PC	484523.0897	1497023.0244							
CURVE			S 54°01'44.4" W	106.34	07°25'02.2"(RT)	06°58'13.0"	106.41	53.28	822.00
PT	484460.6290	1496936.9632							
LINE			S 57°44'15.5" W	44.66					
POT	484436.7890	1496899.1970							

Y10

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	484383.6295	1498146.5153							
LINE			S 46°46'50.0" W	611.76					
PC	483930.4573	1497664.2641							
CURVE			S 35°44'38.2" W	765.75	22°04'23.7"(LT)	02°51'53.2"	770.50	390.09	2000.00
PT	483308.9510	1497216.9434							
LINE			S 24°42'26.3" W	200.00					
POT	483127.2600	1497133.3468							

Y11

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	483069.8678	1499965.8354							
LINE			S 04°46'44.9" W	72.61					
PC	482997.5111	1499959.7860							
CURVE			S 12°46'19.6" W	226.65	15°59'09.4"(RT)	07°01'48.6"	227.39	114.44	815.00
PT	482776.4652	1499909.6787							

Y12

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	482768.1129	1499931.8086							
CURVE			S 34°41'07.6" W	182.84	28°13'10.2"(RT)	15°16'43.9"	184.70	94.26	375.00
PT	482617.7697	1499827.7626							
LINE			S 48°47'42.7" W	206.90					
POT	482482.3196	1499673.0653							

Y13

POINT	N	E	BEARING	DIST
POT	482505.2201	1500647.7933		
LINE			S 39°20'39.8" W	340.00
POT	482242.2813	1500432.2401		

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

2. 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.

SYSTIMESIGNED

6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW03E-1

Location and Surveys

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

RIGHT OF WAY CONTROL SHEET

ROW MARKER IRON PIN AND CAP-L

ALIGN	STATION	OFFSET	NORTH	EAST	
L	19+93.38	-54.50	487229.9577	1495246.9058	
L	14+80.00	125.00	487522.2979	1494788.3059	
L	14+00.00	125.00	487585.1560	1494738.8200	
L	13+38.00	53.28	487678.2353	1494756.8208	
L	15+99.00	80.00	487456.6323	1494897.2739	
L	21+28.00	-54.50	487124.1812	1495330.1798	
L	30+35.00	-59.52	486410.7539	1495893.1927	
L	30+35.00	-70.00	486416.9735	1495901.6236	
L	31+50.00	-115.00	486351.0083	1496006.0876	
L	38+19.00	-61.50	485780.5847	1496359.6979	
L	40+06.12	-74.19	485637.4337	1496480.8684	
L	46+26.00	-65.00	485133.2636	1496840.9186	
L	45+75.37	-65.00	485173.6048	1496811.0147	
L	46+50.00	-62.17	485112.5047	1496852.9178	
L	50+61.00	-61.03	484791.9419	1497105.2641	
L	51+97.00	-128.00	484730.0336	1497243.6423	
L	52+65.00	-128.00	484677.6990	1497287.0599	
L	52+95.00	-87.15	484628.5246	1497274.7718	
L	53+91.50	-55.50	484534.0524	1497312.0330	
L	54+62.00	87.00	484388.8063	1497247.3736	
L	51+30.00	57.71	484663.0246	1497057.9368	
L	50+67.00	61.03	484709.3878	1497015.1523	
L	49+12.43	58.00	484831.6114	1496918.9828	
L	45+78.00	58.00	485098.5398	1496713.5408	
L	44+39.00	58.53	485210.1687	1496630.6821	
L	34+35.00	66.50	486013.8949	1496028.9316	
L	34+35.00	90.00	485999.9604	1496010.0086	
L	33+10.00	130.00	486076.8960	1495903.6793	
L	31+03.24	55.89	486287.3328	1495840.7574	
L	29+22.82	52.15	486433.6773	1495736.5339	
L	28+12.00	53.29	486520.1821	1495668.4375	
L	26+63.39	53.33	486636.8100	1495576.6284	
L	22+86.24	53.32	486933.1502	1495343.3501	
L	24+40.00	53.32	486812.3368	1495438.4541	
L	59+83.00	-55.50	484078.8204	1497689.7006	
L	61+94.00	-67.80	483924.9115	1497833.4398	PK SET
L	61+82.07	60.00	483851.8645	1497727.9109	PK SET
L	63+00.00	-65.00	483851.0888	1497899.3358	PK SET
L	65+40.89	-65.00	483716.8337	1498079.5068	PK SET
L	66+41.17	-52.95	483661.6847	1498159.7831	PK SET
L	68+13.83	-49.50	483581.7462	1498312.8600	X IN SIDEWALK
L	68+15.05	54.50	483488.0721	1498267.6643	
L	66+40.06	58.00	483562.8197	1498109.4089	
L	65+99.58	58.00	483580.8395	1498073.1534	
L	63+85.00	58.00	483702.8368	1497882.2116	
L	72+60.60	-67.00	483398.5698	1498720.7282	
L	72+60.60	-49.50	483382.8998	1498712.9373	
L	73+79.60	-124.00	483396.6497	1498852.6591	
L	74+79.60	-124.00	483352.1419	1498942.2083	
L	75+34.60	-49.50	483260.9485	1498958.3021	
L	78+12.35	54.50	483044.1960	1499160.7390	
L	45+05.00	-65.00	485230.2709	1496769.2867	PK SET
L	40+40.43	66.50	485526.3833	1496387.9272	
L	15+99.00	53.29	487473.1541	1494918.2603	
L	50+61.00	-80.00	484804.0551	1497119.8650	
L	63+32.91	60.00	483736.9216	1497838.8025	PK SET
L	10+00.00	-54.50	488010.4807	1494632.4283	
L	50+37.86	60.51	484732.1534	1496996.9487	
L	54+62.00	72.50	484398.0614	1497258.5295	
L	69+57.53	54.50	483424.6571	1498395.2546	
L	74+35.73	54.50	483211.8221	1498823.4768	
L	63+00.00	-65.00	483851.0888	1497899.3358	PK SET

ROW MARKER IRON PIN AND CAP-Y

ALIGN	STATION	OFFSET	NORTH	EAST
Y	11+05.00	25.00	487221.9702	1495300.3960
Y	10+70.00	-24.92	487211.0675	1495360.3838

ROW MARKER IRON PIN AND CAP-Y1

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+97.66	20.15	486856.5512	1495350.8227
Y1	10+86.50	-19.84	486828.4734	1495381.4095

ROW MARKER IRON PIN AND CAP-Y2

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+45.54	-35.17	486608.4984	1495736.1582

ROW MARKER IRON PIN AND CAP-Y3

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	10+79.00	-35.62	486528.2625	1495620.9131
Y3	11+20.00	29.46	486571.4417	1495557.1556

ROW MARKER IRON PIN AND CAP-Y4

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	11+15.05	-105.86	486109.1052	1495879.9610
Y4	11+05.68	-37.91	486174.0378	1495856.9832
Y4	11+14.00	23.87	486223.9487	1495819.6107

ROW MARKER IRON PIN AND CAP-Y5

ALIGN	STATION	OFFSET	NORTH	EAST	
Y5	12+24.20	62.43	486306.7205	1496038.7004	
Y5	12+29.36	29.91	486280.2234	1496058.2124	
Y5	12+60.00	-30.00	486216.0916	1496078.4163	PK SET
Y5	12+96.27	-60.83	486168.7065	1496073.8912	

ROW MARKER IRON PIN AND CAP-Y6

ALIGN	STATION	OFFSET	NORTH	EAST	
Y6	12+71.69	-43.00	485704.2221	1496496.8539	PK SET
Y6	12+88.62	65.00	485783.9223	1496422.0291	
Y6	12+71.69	65.00	485793.4622	1496436.0247	

ROW MARKER IRON PIN AND CAP-Y7

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	11+57.67	58.50	485328.6705	1496698.8510
Y7	11+36.00	30.00	485315.9705	1496732.3211
Y7	11+24.00	-30.00	485271.4289	1496774.2739
Y7	11+50.03	-62.27	485230.2709	1496769.2867

ROW MARKER IRON PIN AND CAP-Y8

ALIGN	STATION	OFFSET	NORTH	EAST
Y8	10+73.00	-30.00	485120.7454	1496674.0827
Y8	10+80.00	30.00	485170.4666	1496639.7781

ROW MARKER IRON PIN AND CAP-Y9

ALIGN	STATION	OFFSET	NORTH	EAST
Y9	11+28.00	-126.59	484454.9832	1497139.1996
Y9	11+28.00	-31.24	484528.3685	1497078.3180
Y9	10+91.08	29.30	484598.5364	1497068.0770

ROW MARKER IRON PIN AND CAP-Y10

ALIGN	STATION	OFFSET	NORTH	EAST	
Y10	13+05.00	39.50	484066.5933	1497751.4541	
Y10	11+88.00	-30.00	484096.0671	1497884.3094	
Y10	12+87.00	-40.00	484021.0516	1497818.0430	PK SET
Y10	13+20.00	-58.00	483985.2696	1497807.2905	PK SET
Y10	14+71.13	65.56	483971.5901	1497612.3367	
Y10	18+06.10	34.00	483694.6970	1497407.6379	PK SET
Y10	17+25.47	-30.82	483718.2571	1497508.4107	
Y10	15+24.00	-36.79	483861.1236	1497645.5987	
Y10	19+30.86	-38.00	483551.3648	1497394.7860	
Y10	17+61.30	-38.00	483686.2890	1497491.9914	
Y10	20+30.85	-26.00	483474.1931	1497332.6011	POINT NOT SET
Y10	21+04.92	-26.00	483410.5157	1497296.6968	
Y10	15+13.81	42.00	483924.1766	1497597.2576	PK SET
Y10	11+20.00	39.50	484193.2815	1497886.2716	PK SET
Y10	10+00.00	30.00	484268.5327	1497980.2242	X IN SIDEWALK
Y10	16+90.90	34.00	483786.2797	1497480.7018	PK SET
Y10	10+00.00	35.50	484272.5407	1497976.4578	X IN SIDEWALK

I , Jacob Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/23/2026.

Signed by:
Jacob Buczynski
93908B574013407...
Professional Land Surveyor L-5754

ROW MARKER IRON PIN AND CAP-Y11

ALIGN	STATION	OFFSET	NORTH	EAST
Y11	11+95.00	21.06	482881.6436	1499919.9941
Y11	12+05.66	-41.39	482856.3055	1499978.0851

ROW MARKER IRON PIN AND CAP-Y12

ALIGN	STATION	OFFSET	NORTH	EAST
Y12	10+72.82	51.51	482729.9088	1499855.9546
Y12	11+45.00	25.00	482662.4138	1499837.8259
Y12	12+35.00	25.00	482603.4409	1499773.4472
Y12	12+35.00	-25.00	482565.8230	1499806.3848
Y12	10+54.91	-50.22	482693.9854	1499952.7588

ROW MARKER IRON PIN AND CAP-Y13

ALIGN	STATION	OFFSET	NORTH	EAST
Y13	10+87.45	30.00	482456.6090	1500569.1503
Y13	12+10.00	30.00	482361.8362	1500491.4570
Y13	12+10.00	-25.00	482326.9673	1500533.9912
Y13	10+75.00	-25.00	482431.3694	1500619.5785

NOTES:

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

2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .

4. NV5 VERIFIED THAT ALL ROW AND EASEMENT MARKERS WERE SET AT A PREVIOUS DATE BY NV5 (UNDER SUPERVISION OF JOHN C. HENDRIX). NV5 WAS ONLY TASKED WITH REPLACING MISSING AND REVISED ROW AND EASEMENT MARKERS. SEE SURVEY REPORT FOR ADDITIONAL INFORMATION.

$$$$$SYSTIME$$$$$
$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

6/2/99

REVISIONS

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$

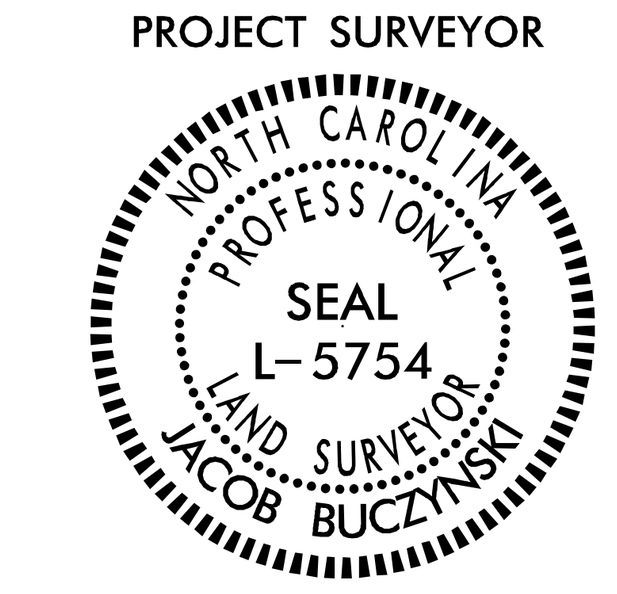
RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW03E-2

Location and Surveys

NV5
NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , Jacob Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/23/2026.

Signed by:
Jacob Buczynski
93908B574013407...

Professional Land Surveyor L-5754

ROW MARKER PERMANENT EASEMENT-L

ALIGN	STATION	OFFSET	NORTH	EAST	
L	16+75.00	90.00	487390.7313	1494936.4283	
L	22+86.24	53.32	486933.1502	1495343.3501	
L	25+46.00	53.33	486729.0471	1495504.0195	
L	25+66.00	53.33	486713.3321	1495516.3903	
L	25+66.00	80.00	486696.8348	1495495.4350	
L	25+46.00	80.00	486712.5493	1495483.0636	
L	28+68.00	52.91	486476.4711	1495702.8467	
L	28+68.00	70.00	486466.0392	1495689.3069	
L	30+01.00	80.00	486354.9699	1495760.8756	
L	30+16.00	80.00	486343.0491	1495769.7309	
L	40+95.00	65.41	485483.0890	1496421.1639	
L	40+99.00	98.00	485460.5426	1496397.2921	
L	41+71.00	89.00	485407.9026	1496447.2323	
L	41+71.00	63.89	485422.7926	1496467.4528	
L	42+85.00	82.00	485320.2568	1496520.4664	
L	43+05.00	82.00	485304.1522	1496532.3256	
L	43+05.00	61.21	485316.4807	1496549.0675	
L	42+85.00	61.61	485332.3481	1496536.8862	
L	43+74.00	75.00	485252.7419	1496578.8764	
L	43+94.00	75.00	485236.6373	1496590.7356	
L	43+94.00	59.43	485245.8705	1496603.2742	
L	43+74.00	59.83	485261.7379	1496591.0929	
L	46+25.00	58.00	485060.5115	1496741.7363	
L	46+25.00	75.00	485050.3464	1496728.1102	
L	47+58.00	58.00	484953.8048	1496822.7283	
L	47+38.00	58.00	484969.7647	1496810.4359	
L	47+38.00	75.00	484959.4082	1496796.9546	
L	47+58.00	75.00	484943.4146	1496809.2730	
L	50+55.00	75.00	484709.7063	1496996.7419	
L	50+35.00	75.00	484725.1197	1496983.9554	
L	50+55.00	60.83	484718.7534	1497007.6472	
L	55+58.00	72.50	484324.1772	1497319.8249	
L	55+58.00	87.00	484314.9221	1497308.6690	
L	55+78.00	87.00	484299.5296	1497321.4389	
L	55+78.00	72.50	484308.7847	1497332.5948	
L	58+48.00	72.50	484100.9855	1497504.9882	
L	58+52.00	87.00	484088.6519	1497496.3863	
L	58+69.00	72.50	484084.8234	1497518.3966	
L	58+72.00	82.00	484076.4519	1497513.0043	
L	59+59.00	72.50	484015.5570	1497575.8611	
L	59+59.00	82.00	484009.4943	1497568.5533	
L	14+18.00	-54.50	487682.0470	1494890.9922	
L	23+95.00	-54.50	486914.3922	1495495.3391	
L	24+18.00	-74.05	486908.4149	1495524.9288	
L	24+35.00	-54.50	486882.9631	1495520.0821	
L	33+70.00	-78.00	486151.9177	1496106.7452	PK NAIL
L	33+70.00	-61.50	486142.1339	1496093.4589	PK NAIL
L	33+90.00	-61.50	486126.0292	1496105.3181	PK NAIL
L	33+90.00	-78.00	486135.8131	1496118.6044	PK NAIL
L	34+78.00	-61.50	486055.1688	1496157.4985	
L	34+98.00	-61.50	486039.0642	1496169.3577	
L	34+78.00	-77.00	486064.3597	1496169.9796	
L	37+94.00	-80.76	485812.1381	1496360.3856	
L	42+23.00	-85.29	485469.3768	1496618.4091	
L	42+23.00	-69.85	485460.2222	1496605.9773	
L	42+43.00	-69.45	485443.8804	1496617.5144	
L	42+43.00	-85.00	485453.0981	1496630.0320	
L	43+54.00	-90.00	485366.6849	1496699.8805	PK NAIL
L	43+54.00	-67.23	485353.1832	1496681.5454	
L	43+36.00	-67.59	485367.8909	1496671.1620	
L	46+47.00	-305.00	485260.6209	1497045.3712	
L	46+71.64	-280.00	485226.6171	1497039.6752	
L	46+52.00	-255.00	485226.7425	1497008.2830	
L	46+20.00	-225.00	485233.6254	1496965.6672	
L	46+57.00	-62.32	485107.0459	1496857.2150	
L	43+36.00	-90.00	485381.1791	1496689.2072	
L	55+09.00	-82.00	484460.5394	1497407.4497	
L	55+29.00	-82.00	484445.1468	1497420.2196	
L	55+29.00	-55.50	484428.2283	1497399.8263	
L	55+09.00	-55.50	484443.6208	1497387.0564	
L	56+11.00	-55.50	484365.1189	1497452.1828	
L	56+29.00	-55.50	484351.2656	1497463.6757	
L	56+29.00	-77.00	484364.9917	1497480.2209	
L	56+11.00	-77.00	484378.8450	1497468.7280	
L	70+95.00	-49.50	483456.6036	1498564.6459	
L	34+98.00	-77.00	486048.2550	1496181.8388	
L	37+74.00	-61.50	485816.8201	1496333.0147	
L	69+44.00	54.50	483430.6791	1498383.1385	
L	69+68.00	55.97	483418.6767	1498403.9740	
L	69+44.00	80.00	483407.8441	1498371.7890	
L	69+68.00	80.00	483397.1622	1498393.2808	
L	34+55.00	90.00	485983.8557	1496021.8678	

ROW MARKER PERMANENT EASEMENT-L

ALIGN	STATION	OFFSET	NORTH	EAST	
L	34+55.00	66.50	485997.7903	1496040.7908	
L	44+32.00	58.67	485215.7223	1496626.4187	
L	11+31.00	53.27	487840.8859	1494628.7827	
L	11+31.00	70.00	487830.5380	1494615.6385	
L	11+50.40	70.00	487815.2936	1494627.6399	
L	11+50.34	53.27	487825.6881	1494640.7463	
L	12+88.00	53.28	487717.5229	1494725.8937	
L	12+68.00	53.28	487733.2379	1494713.5229	
L	12+68.00	74.00	487720.4192	1494697.2403	
L	12+88.00	74.00	487704.7047	1494709.6118	
L	11+31.00	60.00	487836.7238	1494623.4958	
L	11+50.37	60.00	487821.5075	1494635.4750	
L	12+68.00	60.00	487729.0792	1494708.2404	
L	12+88.00	60.00	487713.3647	1494720.6119	
L	13+43.81	60.00	487669.5138	1494755.1342	
L	16+95.00	-70.00	487473.9886	1495074.5160	
L	16+75.00	53.29	487413.4369	1494965.2695	
L	17+04.79	137.48	487337.9516	1494917.5523	
L	17+15.00	110.00	487346.9308	1494945.4567	
L	17+00.00	65.00	487386.5525	1494971.5358	
L	19+65.00	70.00	487175.2421	1495131.5293	
L	20+00.00	73.50	487145.5767	1495150.4293	
L	20+80.00	76.00	487081.1721	1495197.9510	
L	20+60.00	53.31	487110.9225	1495203.4081	
L	20+80.00	53.31	487095.2075	1495215.7790	
L	20+59.99	76.01	487096.8917	1495185.5670	
L	21+03.00	76.50	487062.7912	1495211.7854	
L	21+33.00	77.00	487038.9100	1495229.9496	
L	18+44.00	-54.50	487347.3275	1495154.5048	
L	21+37.00	-69.50	487126.3882	1495347.5329	
L	24+12.75	-69.59	486909.7797	1495518.1723	
L	24+21.88	-69.59	486902.6070	1495523.8228	
L	25+75.00	80.00	486689.7632	1495501.0022	
L	26+71.62	65.00	486623.1277	1495572.5525	
L	28+36.00	65.05	486494.1634	1495673.8051	
L	28+68.00	65.00	486469.0908	1495693.2676	
L	30+01.00	70.19	486360.8252	1495768.7425	
L	30+16.00	70.15	486348.9129	1495777.6401	
L	30+45.00	70.00	486325.8600	1495794.8589	
L	30+91.84	66.38	486290.2903	1495825.5487	
L	34+62.00	-67.00	486071.3138	1496152.4400	PK NAIL
L	34+65.00	-123.00	486102.1039	1496199.3118	
L	34+53.00	-140.00	486121.8470	1496205.8853	
L	34+68.00	-157.79	486120.3166	1496229.1039	
L	34+94.00	-133.27	486084.8397	1496224.7746	
L	35+21.00	-61.50	486020.5438	1496182.9958	
L	33+65.00	-61.50	486146.1600	1496090.4941	PK NAIL
L	36+30.00	-203.00	486016.6774	1496361.5688	
L	36+67.99	-203.00	485986.0829	1496384.0981	
L	36+30.00	-61.50	485932.7735	1496247.6284	
L	36+73.00	-77.15	485907.4278	1496285.7268	
L	37+74.00	-80.17	485827.8885	1496348.0453	
L	38+33.43	-81.94	485781.0872	1496384.7138	
L	43+54.00	-83.37	485362.7515	1496694.5390	
L	43+36.00	-83.63	485377.4023	1496684.0784	
L	33+25.96	124.89	486067.0702	1495917.2592	
L	35+35.00	105.00	485910.5457	1496057.2240	
L	35+44.00	66.50	485926.1246	1496093.5642	
L	46+25.00	-87.56	485147.5454	1496858.4045	
L	46+56.00	-86.91	485122.6197	1496876.2728	
L	49+96.00	-86.02	484857.6443	1497083.3634	
L	51+78.00	-121.29	484740.3748	1497226.3499	
L	53+95.00	-80.05	484547.0325	1497333.1615	
L	55+09.00	-75.00	484456.0699	1497402.0623	
L	55+29.00	-75.00	484440.6774	1497414.8322	
L	57+10.00	-83.16	484306.5839	1497536.6784	
L	59+87.00	-78.35	484090.3295	1497709.8434	PK NAIL
L	43+89.00	99.00	485226.4277	1496568.4444	
L	43+55.00	60.21	485276.8120	1496579.5207	
L	41+92.00	63.47	485406.1318	1496480.2432	
L	41+94.00	75.00	485397.6837	1496472.1437	
L	42+14.00	85.15	485375.5593	1496475.8281	
L	42+24.00	62.83	485380.7439	1496499.7333	
L	36+55.00	66.50	485836.7439	1496159.3827	

ROW MARKER PERMANENT EASEMENT-L

ALIGN	STATION	OFFSET	NORTH	EAST	
L	36+61.00	66.50	485831.9125	1496162.9405	
L	36+55.00	93.00	485821.0304	1496138.0441	
L	36+61.00	93.00	485816.1990	1496141.6019	
L	57+05.00	-80.00	484308.4156	1497531.0553	
L	57+15.00	-79.99	484300.7154	1497537.4355	
L	71+00.00	-60.00	483463.7808	1498573.7967	
L	71+29.00	-60.00	483450.8736	1498599.7659	X IN SIDEWALK
L	69+66.00	-49.50	483514.0186	1498449.1274	
L	69+66.00	-75.00	483536.8536	1498460.4769	PK NAIL
L	69+86.00	-75.00	483527.9521	1498478.3867	PK NAIL
L	69+86.00	-49.50	483505.1170	1498467.0372	
L	63+93.00	-79.99	483805.9113	1497974.2906	
L	66+13.38	-75.00	483693.7982	1498144.7058	
L	71+29.00	-83.00	483471.4699	1498610.0027	X IN SIDEWALK
L	71+29.00	-72.00	483461.6195	1498605.1068	X IN SIDEWALK
L	66+70.00	79.00	483530.6908	1498126.8693	
L	65+54.00	80.50	483583.6068	1498019.5537	
L	65+50.00	80.50	483585.7123	1498015.7793	
L	65+54.00	58.00	483603.2782	1498030.4756	POINT NOT SET
L	65+50.00	58.00	483605.3398	1498026.7797	
L	66+66.00	79.00	483532.4711	1498123.2873	
L	66+66.00	57.48	483551.7410	1498132.8648	
L	66+70.00	57.40	483550.0323	1498136.4824	
L	59+34.00	-74.84	484128.8789	1497673.3001	PK NAIL
L	58+85.00	-80.00	484169.8828	1497645.9843	X IN SIDEWALK
L	73+13.85	-92.51	483397.7105	1498779.7710	
L	75+01.90	-93.80	483315.1695	1498948.7332	
L	75+83.00	-64.53	483252.8628	1499008.3344	
L	72+47.70	55.75	483294.3893	1498654.5391	
L	72+25.00	72.00	483289.9412	1498626.9829	
L	72+17.06	92.94	483274.7255	1498610.5587	
L	74+33.00	76.00	483193.7831	1498811.4649	
L	74+35.66	55.60	483210.8644	1498822.9264	
L	74+11.00	55.62	483221.8216	1498800.8367	
L	74+11.00	71.99	483207.1603	1498793.5498	
L	75+56.00	76.00	483139.0386	1498921.6105	
L	75+56.00	54.50	483158.2916	1498931.1796	
L	75+64.00	78.00	483133.6870	1498927.8842	
L	75+64.00	54.50	483154.7310	1498938.3436	
L	76+73.00	54.50	483106.2176	1499035.9522	
L	76+69.00	72.00	483092.3268	1499024.5814	
L	28+20.00	65.00	486506.7179	1495664.0973	
L	14+18.00	-75.00	487694.7277	1494907.0996	
L	33+26.62	-80.00	486188.0325	1496082.6346	PK NAIL
L	33+45.00	-80.00	486173.2344	1496093.5317	PK NAIL

NOTES:

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

2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .

4. NV5 VERIFIED THAT ALL ROW AND EASEMENT MARKERS WERE SET AT A PREVIOUS DATE BY NV5 (UNDER SUPERVISION OF JOHN C. HENDRIX). NV5 WAS ONLY TASKED WITH REPLACING MISSING AND REVISED ROW AND EASEMENT MARKERS. SEE SURVEY REPORT FOR ADDITIONAL INFORMATION.

6/2/99

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW03E-3

Location and Surveys

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , Jacob Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

7/23/2026

This day _____.

Signed by:
Jacob Buczynski
839088574013407...

Professional Land Surveyor L-5754

ROW MARKER PERMANENT EASEMENT-L

ALIGN	STATION	OFFSET	NORTH	EAST	
L	18+44.00	-70.00	487356.9144	1495166.6823	
L	20+89.50	185.29	487006.1009	1495117.9526	
L	21+19.11	188.89	486980.6075	1495133.4440	
L	38+40.00	92.00	485672.6555	1496248.5469	
L	38+40.00	66.50	485687.7760	1496269.0803	
L	38+46.00	66.50	485682.9446	1496272.6381	
L	38+46.00	92.00	485667.8241	1496252.1047	
L	35+14.00	86.00	485938.7189	1496060.0734	
L	33+49.26	128.82	486045.9771	1495927.9103	
L	33+59.57	128.10	486038.1085	1495934.5971	
L	23+35.00	-69.56	486970.8532	1495470.0599	
L	23+32.00	-77.00	486977.8132	1495474.0460	
L	23+20.00	-69.56	486982.6362	1495460.7776	
L	51+78.00	-135.00	484749.1260	1497236.8983	
L	51+97.00	-135.00	484734.5031	1497249.0297	
L	49+78.00	59.31	484779.4698	1496959.5429	
L	49+82.00	85.00	484760.0863	1496942.2086	
L	49+88.00	85.00	484755.3940	1496946.0494	
L	49+84.00	59.43	484774.7145	1496963.2763	
L	54+62.00	98.00	484381.7801	1497238.9100	
L	54+46.00	98.00	484394.0934	1497228.6947	
L	54+46.00	92.47	484397.6321	1497232.9468	
L	63+85.00	80.00	483685.6728	1497868.4495	
L	63+93.00	80.00	483680.2951	1497875.2118	
L	63+93.00	58.00	483697.5686	1497888.8362	
L	30+82.12	-88.45	486389.9258	1495944.4569	
L	14+57.00	-130.00	487698.1060	1494974.4390	
L	15+03.00	-93.00	487639.0753	1494973.8215	
L	16+00.00	-110.00	487573.3756	1495047.1805	
L	18+00.00	-75.00	487394.5802	1495143.3949	
L	18+44.00	-75.00	487360.0083	1495170.6122	
L	15+42.00	101.55	487488.0856	1494845.0792	
L	16+15.00	90.00	487437.8749	1494899.3138	
L	16+40.00	115.00	487402.7674	1494895.1350	
L	50+35.00	60.45	484734.4050	1496995.1557	
L	10+61.39	-82.00	487979.2578	1494692.0084	
L	10+40.36	60.00	487907.9412	1494567.4289	
L	72+55.39	-89.50	483421.0404	1498726.0737	
L	72+55.00	-97.00	483427.9270	1498729.0658	
L	72+65.00	-98.00	483424.3717	1498738.4658	
L	72+65.41	-90.02	483417.0403	1498735.2805	
L	46+38.00	89.00	485031.4457	1496724.7569	
L	46+48.00	89.00	485023.3548	1496730.8211	
L	46+52.00	58.00	485038.7405	1496758.0346	
L	25+19.00	-69.73	486826.3812	1495584.0066	
L	25+19.00	-78.50	486831.8079	1495590.8997	
L	25+29.00	-78.50	486823.9506	1495597.0855	
L	25+29.00	-69.74	486818.5326	1495590.2034	
L	30+60.00	-107.00	486418.7355	1495946.2794	
L	30+12.00	-74.04	486438.0292	1495891.0639	
L	33+49.99	138.43	486039.6960	1495920.6054	
L	33+59.72	137.69	486032.2947	1495926.9693	
L	58+22.00	72.50	484120.9958	1497488.3874	
L	58+32.00	72.50	484113.2995	1497494.7723	
L	58+22.00	97.00	484105.3558	1497469.5352	
L	58+32.00	97.00	484097.6595	1497475.9202	
L	76+75.00	78.00	483084.2833	1499027.2839	
L	46+39.00	74.99	485039.0303	1496736.5740	
L	14+24.74	-84.50	487695.3113	1494918.7309	
L	76+80.00	70.00	483089.2219	1499035.3219	
L	40+26.13	-875.31	486096.3497	1497137.8214	
L	39+89.16	-876.65	486126.9227	1497116.9818	
L	38+78.31	-800.64	486171.1042	1496990.0488	
L	38+68.32	-801.01	486179.3672	1496984.4164	
L	17+19.61	134.08	487328.4160	1494929.3883	
L	17+11.85	110.63	487349.0187	1494943.0101	
L	34+08.07	173.30	485972.2562	1495926.9668	
L	34+61.74	175.29	485927.8586	1495957.1883	
L	34+61.10	100.42	485972.7629	1496017.0938	
L	58+72.00	82.00	484076.4519	1497513.0043	PK NAIL
L	59+59.00	72.50	484015.5570	1497575.8611	PK NAIL
L	59+59.00	82.00	484009.4943	1497568.5533	PK NAIL
L	60+10.00	82.00	483970.2449	1497601.1170	PK NAIL
L	58+69.00	72.50	484084.8234	1497518.3966	PK NAIL
L	93+19.66	72.72	482465.0345	1500555.8233	POINT NOT SET
L	61+46.67	-87.60	483973.3456	1497818.9052	PK NAIL
L	188+00.00	-68.00	476280.9632	1507654.7976	PK NAIL
L	58+72.00	87.00	484076.43	1497513.021	PK NAIL
L	101+28.57	54.50	482065.3662	1501228.7885	60D NAIL
L	119+55.00	-76.77	480843.0528	1502589.3823	PK NAIL
L	119+30.04	-75.85	480860.7963	1502572.1456	PK NAIL

ROW MARKER PERMANENT EASEMENT-Y

ALIGN	STATION	OFFSET	NORTH	EAST	
Y	11+24.31	50.78	487226.7272	1495268.5396	
Y	11+15.50	39.01	487224.5556	1495283.0825	
Y	10+87.65	25.00	487234.1640	1495312.7327	
Y	10+46.00	-24.90	487227.9557	1495377.4362	X IN SIDEWALK

ROW MARKER PERMANENT EASEMENT-Y1

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+97.66	20.15	486856.5512	1495350.8227
Y1	10+86.00	43.75	486882.7545	1495348.2665
Y1	11+25.00	25.00	486846.4695	1495325.3238
Y1	11+45.00	25.00	486837.0756	1495308.9103
Y1	11+45.00	19.93	486832.6202	1495311.3333
Y1	10+77.00	-30.26	486824.6359	1495394.9752

ROW MARKER PERMANENT EASEMENT-Y2

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	11+29.96	36.13	486674.1191	1495704.2244
Y2	11+19.97	24.12	486670.8761	1495719.5046
Y2	10+90.97	24.08	486688.8147	1495742.2906
Y2	10+91.03	-25.92	486649.5284	1495773.2193
Y2	11+30.03	-25.87	486625.4040	1495742.5760

ROW MARKER PERMANENT EASEMENT-Y3

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	11+10.00	-31.44	486518.2659	1495588.4696
Y3	10+67.06	-77.37	486497.4920	1495652.2701

ROW MARKER PERMANENT EASEMENT-Y4

ALIGN	STATION	OFFSET	NORTH	EAST	
Y4	11+42.00	35.99	486223.5940	1495791.2950	
Y4	11+70.20	29.75	486208.4545	1495769.7910	
Y4	11+04.00	61.00	486260.6536	1495809.2066	
Y4	11+35.00	-33.74	486162.9268	1495826.3599	PK NAIL
Y4	11+17.20	-53.69	486153.9421	1495853.1532	
Y4	11+07.60	-50.08	486162.3834	1495861.1074	
Y4	10+98.00	66.00	486267.4529	1495810.9066	
Y4	11+03.00	71.50	486270.1505	1495804.6553	
Y4	11+10.00	67.00	486263.4652	1495801.9865	
Y4	11+78.34	-239.68	485949.5586	1495845.0533	
Y4	11+84.21	-30.00	486147.3135	1495774.9109	

ROW MARKER PERMANENT EASEMENT-Y5

ALIGN	STATION	OFFSET	NORTH	EAST	
Y5	12+79.02	-71.27	486173.2344	1496093.5317	
Y5	12+76.53	-53.06	486188.0325	1496082.6346	
Y5	12+30.00	-30.09	486237.3515	1496100.1904	PK NAIL

ROW MARKER PERMANENT EASEMENT-Y6

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	13+01.51	72.81	485783.1167	1496406.9841
Y6	13+05.26	-73.51	485660.1047	1496486.2946

ROW MARKER PERMANENT EASEMENT-Y7

ALIGN	STATION	OFFSET	NORTH	EAST
Y7	11+58.01	64.49	485333.5730	1496695.3899
Y7	11+12.00	48.97	485344.7685	1496742.6359
Y7	10+80.00	-30.00	485294.7295	1496811.5979
Y7	10+12.36	-117.89	485255.9893	1496915.5179
Y7	10+85.00	-83.00	485247.1232	1496835.4232
Y7	11+19.00	51.33	485343.0651	1496735.4472
Y7	11+04.00	-57.18	485258.9644	1496805.6325
Y7	11+12.00	-66.24	485247.0428	1496803.6441

ROW MARKER PERMANENT EASEMENT-Y8

ALIGN	STATION	OFFSET	NORTH	EAST
Y8	13+02.63	29.77	485101.3496	1496441.7943
Y8	11+50.00	55.00	485162.0278	1496568.8379
Y8	10+85.76	73.99	485206.6314	1496614.0733
Y8	10+56.26	-56.09	485105.5435	1496701.0957
Y8	10+59.48	-65.66	485095.5799	1496702.7434
Y8	10+67.32	-58.74	485098.0206	1496692.5661
Y8	12+61.00	-68.00	485011.3570	1496499.3641
Y8	12+75.00	-30.66	485045.3115	1496477.4622

ROW MARKER PERMANENT EASEMENT-Y9

ALIGN	STATION	OFFSET	NORTH	EAST
Y9	11+28.00	-46.11	484516.9251	1497087.8116
Y9	12+98.63	-50.96	484407.7766	1496948.7009
Y9	11+28.00	-89.73	484483.3545	1497115.6623
Y9	11+51.23	-85.71	484471.6153	1497095.2175
Y9	11+53.05	-95.44	484462.9620	1497100.0284
Y9	11+28.00	-99.77	484475.6286	1497122.0719

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .
4. NV5 VERIFIED THAT ALL ROW AND EASEMENT MARKERS WERE SET AT A PREVIOUS DATE BY NV5 (UNDER SUPERVISION OF JOHN C. HENDRIX). NV5 WAS ONLY TASKED WITH REPLACING MISSING AND REVISED ROW AND EASEMENT MARKERS. SEE SURVEY REPORT FOR ADDITIONAL INFORMATION.

$$$$SYSTIME$$$$ $$$$DGNFILE$$$$

6/2/99

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW03E-4

Location and Surveys

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Jacob Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/23/2026.

Signed by:
Jacob Buczynski
539088574013407...

Professional Land Surveyor L-5754

ROW MARKER PERMANENT EASEMENT-Y10

ALIGN	STATION	OFFSET	NORTH	EAST	
Y10	20+56.00	52.00	483491.4368	1497252.4324	
Y10	20+56.00	36.81	483483.8961	1497265.6223	PK NAIL
Y10	21+89.00	38.00	483364.6831	1497201.2815	PK NAIL
Y10	22+09.00	38.00	483346.3131	1497192.4563	PK NAIL
Y10	14+79.88	72.32	483970.2449	1497601.1170	
Y10	15+18.00	52.00	483928.2542	1497587.1688	PK NAIL
Y10	14+92.06	-75.18	483855.5436	1497694.6553	
Y10	10+35.00	-60.00	484178.9820	1498016.3467	POINT NOT SET
Y10	10+35.00	-30.00	484200.8407	1497995.8061	X IN SIDEWALK
Y10	10+84.38	-60.00	484145.1653	1497980.3601	
Y10	10+83.26	-30.00	484167.7894	1497960.6340	
Y10	12+31.00	50.19	484125.0619	1497798.0568	PK NAIL
Y10	10+89.00	55.00	484225.8044	1497898.2468	PK NAIL
Y10	10+89.00	50.00	484222.1607	1497901.6708	PK NAIL
Y10	10+50.00	55.00	484252.5113	1497926.6675	PK NAIL
Y10	10+50.00	37.17	484239.5156	1497938.8797	X IN SIDEWALK
Y10	11+55.00	-30.00	484118.6653	1497908.3577	
Y10	12+48.00	-42.00	484046.2346	1497848.8028	PK NAIL
Y10	13+10.00	-60.00	483990.6601	1497815.9475	PK NAIL
Y10	13+19.70	-74.64	483973.3456	1497818.9052	
Y10	19+55.00	61.00	483584.9176	1497298.5356	
Y10	19+95.00	38.39	483538.1743	1497295.9254	
Y10	19+72.00	50.00	483564.2717	1497298.4588	
Y10	19+55.00	52.00	483580.0620	1497306.1134	
Y10	19+34.00	38.06	483590.4966	1497329.4928	POINT NOT SET
Y10	15+04.84	-60.00	483857.7926	1497675.2112	X IN SIDEWALK
Y10	17+25.00	-70.00	483693.8293	1497539.0491	
Y10	18+00.00	-59.34	483643.3589	1497485.8244	
Y10	19+10.00	-55.00	483558.9129	1497420.2281	
Y10	22+57.65	-55.17	483262.8353	1497256.4501	
Y10	21+89.00	30.48	483361.3906	1497208.0479	
Y10	22+09.00	30.14	483342.9438	1497199.5604	
Y10	11+11.69	-30.00	484148.3232	1497939.9187	
Y10	10+90.00	-60.00	484141.3183	1497976.2662	
Y10	15+86.00	36.80	483867.8268	1497549.6109	X IN SIDEWALK
Y10	15+86.00	61.00	483884.3987	1497531.9769	PK NAIL
Y10	15+92.00	61.00	483879.8867	1497527.7494	PK NAIL
Y10	15+92.00	36.49	483863.1551	1497545.6608	
Y10	17+25.00	-78.00	483688.7688	1497545.2452	
Y10	17+19.00	-78.00	483693.2292	1497548.8992	
Y10	17+19.00	-70.00	483698.3082	1497542.7184	
Y10	22+55.66	-30.00	483275.1570	1497234.4178	X IN CONCRETE
Y10	16+12.00	-67.79	483777.7856	1497608.7448	
Y10	16+03.97	-67.43	483783.7397	1497613.7330	
Y10	16+04.00	-77.00	483777.2286	1497620.7439	
Y10	16+12.00	-77.00	483771.5657	1497615.5383	
Y10	10+50.00	37.17	484239.5156	1497938.8797	X IN CONCRETE
Y10	10+50.00	43.51	484244.202	1497934.539	PK NAIL
Y10	12+48.00	-42.00	484046.2346	1497848.8028	PK NAIL

ROW MARKER PERMANENT EASEMENT-Y11

ALIGN	STATION	OFFSET	NORTH	EAST
Y11	10+89.00	29.84	482984.2758	1499928.5748
Y11	11+55.00	55.00	482925.9835	1499894.7202
Y11	12+02.00	28.15	482876.7152	1499911.5109
Y11	12+16.70	71.87	482874.2183	1499865.7305
Y11	11+37.52	27.50	482937.5701	1499924.6699
Y11	11+70.00	46.91	482910.6268	1499899.9538
Y11	11+00.00	-46.43	482964.8384	1500003.1557
Y11	10+96.00	-49.06	482968.7439	1500006.2564
Y11	10+83.00	-30.07	482984.2752	1499988.7841
Y11	10+89.00	-30.17	482978.0743	1499988.2656
Y11	12+34.57	-64.92	482820.4330	1499992.7471

ROW MARKER PERMANENT EASEMENT-Y12

ALIGN	STATION	OFFSET	NORTH	EAST	
Y12	11+92.88	39.06	482641.7711	1499795.8754	
Y12	11+70.00	-25.31	482609.2926	1499856.0314	
Y12	11+65.00	-47.00	482597.4411	1499875.0088	
Y12	11+70.00	-48.50	482592.4554	1499871.9815	
Y12	11+75.00	-25.13	482605.7755	1499852.0145	
Y12	10+67.00	-45.54	482684.4892	1499941.9133	
Y12	13+65.00	25.00	482517.8031	1499675.6405	X IN SIDEWALK
Y12	13+65.00	-15.00	482487.7087	1499701.9906	
Y12	10+67.00	-71.00	482671.4497	1499963.7765	
Y12	12+35.00	-15.00	482573.3466	1499799.7973	

ROW MARKER PERMANENT EASEMENT-Y13

ALIGN	STATION	OFFSET	NORTH	EAST
Y13	11+05.00	-25.00	482408.1689	1500600.5591
Y13	11+05.00	-45.00	482395.4893	1500616.0262
Y13	10+81.00	-25.00	482426.7293	1500615.7747
Y13	10+81.00	-41.00	482416.5856	1500628.1483
Y13	10+89.38	45.65	482465.0345	1500555.8233
Y13	11+30.00	-30.00	482385.6653	1500588.5764
Y13	11+60.00	-30.00	482362.4648	1500569.5570
Y13	11+60.00	-25.00	482365.6347	1500565.6902
Y13	10+90.00	-60.00	482397.5799	1500637.1361
Y13	10+47.61	-53.71	482434.3471	1500659.1434
Y13	13+00.00	-25.00	482257.3658	1500476.9330
Y13	13+00.00	33.00	482294.1366	1500432.0788

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .
4. NV5 VERIFIED THAT ALL ROW AND EASEMENT MARKERS WERE SET AT A PREVIOUS DATE BY NV5 (UNDER SUPERVISION OF JOHN C. HENDRIX). NV5 WAS ONLY TASKED WITH REPLACING MISSING AND REVISED ROW AND EASEMENT MARKERS. SEE SURVEY REPORT FOR ADDITIONAL INFORMATION.

$$$$SYSTIME$$$$ $$$$FILENAME$$$$

6/2/99

REVISIONS

CURVE DATA -L-

PI Sta 29+13.11 Δ = 1° 50' 41.1" (RT) D = 0° 42' 58.3" L = 257.58' T = 128.80' R = 8,000.00' e = NC	PI Sta 48+06.68 Δ = 3° 18' 44.3" (LT) D = 0° 42' 58.3" L = 462.48' T = 231.31' R = 8,000.00' e = NC	PI Sta 63+94.15 Δ = 23° 53' 31.5" (LT) D = 5° 43' 46.5" L = 417.00' T = 211.57' R = 1,000.00' e = 6% RUNOFF = 216'	PI Sta 82+86.07 Δ = 6° 46' 39.8" (LT) D = 0° 42' 58.3" L = 946.35' T = 473.73' R = 8,000.00' e = NC

NC GRID
NAD 83 NA 2011

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

7/28/2026
This day _____.

Signed by:
Jacob Buczynski
939088574013407...

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW04

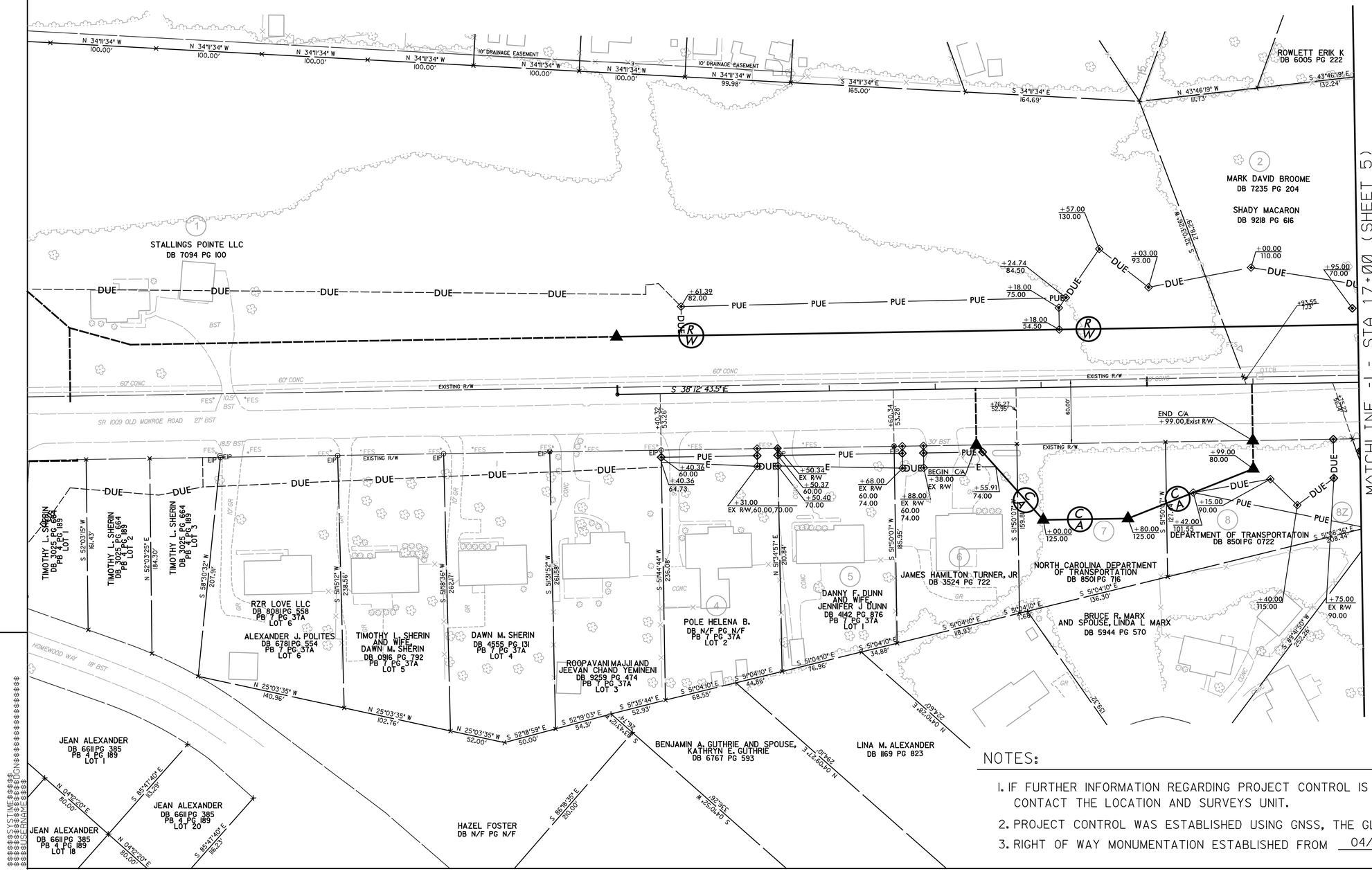
Location and Surveys

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # P-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SEAL L-5754 JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .

6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW05

Location and Surveys

NV5
NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

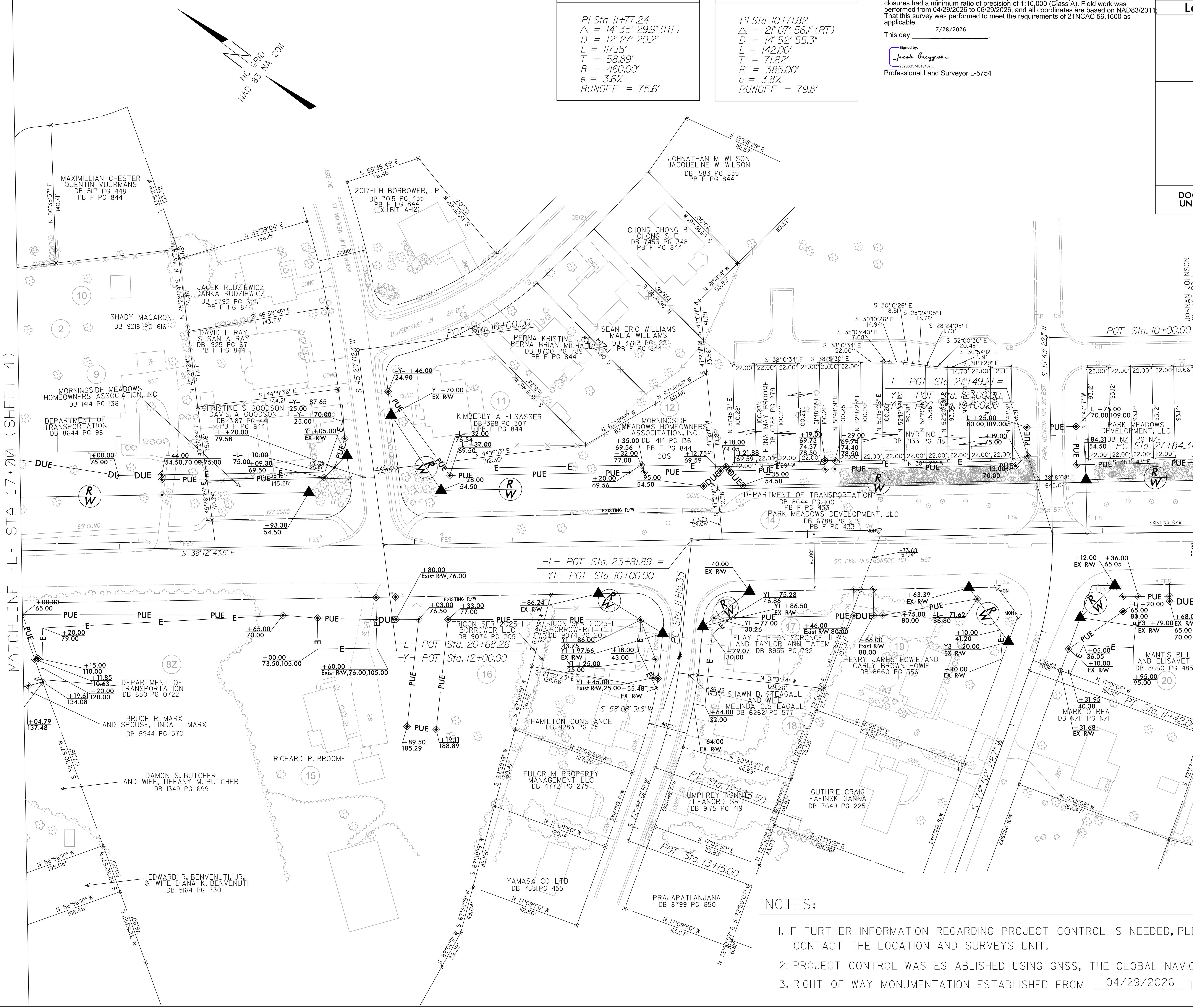
I , Jacob P. Buczynski, PLS, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/28/2026.

Signed by: Jacob Buczynski
93908B574013407...
Professional Land Surveyor L-5754

CURVE DATA -Y1-
PI Sta 11+77.24
△ = 14° 35′ 29.9″ (RT)
D = 12° 27′ 20.2″
L = 117.15′
T = 58.89′
R = 460.00′
e = 3.6%
RUNOFF = 75.6′

CURVE DATA -Y3-
PI Sta 10+71.82
△ = 21° 07′ 56.1″ (RT)
D = 14° 52′ 55.3″
L = 142.00′
T = 71.82′
R = 385.00′
e = 3.8%
RUNOFF = 79.8′



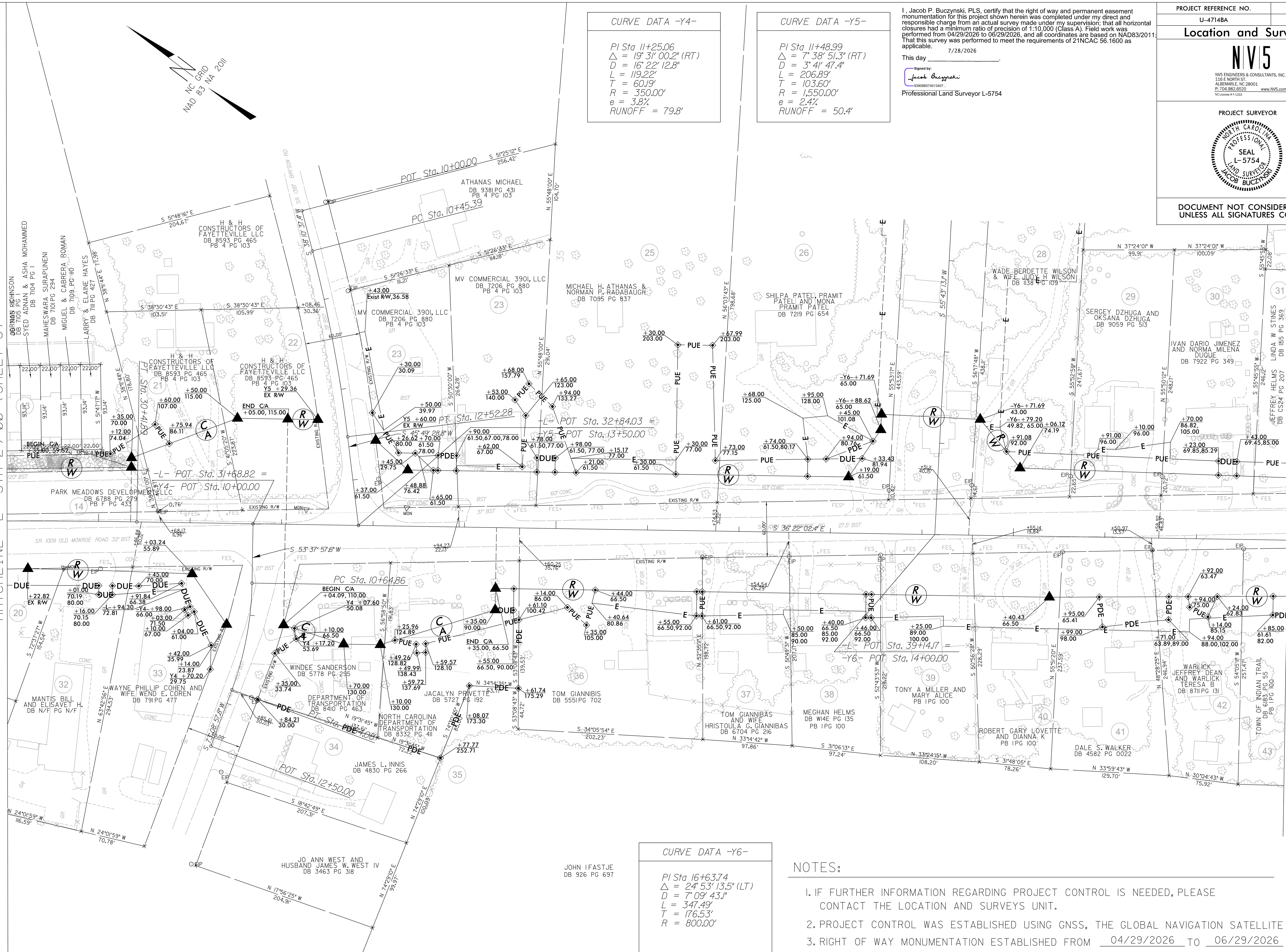
NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .

$$$$$$SYSTIME$$$$$
$$$$$$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$USERNAME$$$$$

6/2/99

REVISIONS



CURVE DATA -Y4-
PI Sta 11+25.06
Δ = 19° 31′ 00.2″ (RT)
D = 16° 22′ 12.8″
L = 119.22′
T = 60.19′
R = 350.00′
e = 3.8%
RUNOFF = 79.8′

CURVE DATA -Y5-
PI Sta 11+48.99
Δ = 7° 38′ 51.3″ (RT)
D = 3° 41′ 47.4″
L = 206.89′
T = 103.60′
R = 1,550.00′
e = 2.4%
RUNOFF = 50.4′

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/28/2026.

Signed by: Jacob Buczynski
93908B574013407...

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW06

Location and Surveys

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

CURVE DATA -Y6-
PI Sta 16+63.74
Δ = 24° 53′ 13.5″ (LT)
D = 7° 09′ 43.1″
L = 347.49′
T = 176.53′
R = 800.00′

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026.

$$$$$$SYSTIME$$$$$$
$$$$$$DGN$$$$$$$$$$$$$$$$$$
$$$$$$USERNAME$$$$$$

REVISIONS

6/2/99

NC GRID
NAD 83 NA 2011

STA 43+00 (SHEET 6)

MATCHLINE -L- STA 57+00 (SHEET 8)

CURVE DATA -Y8-
PI Sta 12+21.70
Δ = 23° 46' 31.1" (RT)
D = 11° 56' 11.8"
L = 199.18'
T = 101.04'
R = 480.00'
e = 3.0%
RUNOFF = 48'

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011. That this survey was represented to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/28/2026.

Signed by:
Jacob Buczynski
93908857401340...

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW07

Location and Surveys

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GEOFF HAWK
PATRICIA HAWK
DB 6301 PG 222

JEFFREY HELMS
DB CS24 PG 207

CAROLINAS UNION HEATHCARE, INC.
DB 3282 PG 752

UNION COUNTY
DB 7344 PG 480

VIRGINIA C FOARD, TRUSTEE
DB 4522 PG 359
DEED DESCRIPTION INCOMPLETE

4123 OLD MONROE LLC
DB 8621 PG 568

SAYRE ALEXANDER MULLIES
SAYRE KELSEY MCGALLIARD
DB 8728 PG 477
PB 5 PG 190
LOT 6 BLOCK A

KHAYAL IBRAHIMKHALILOV
DB 8698 PG 412
PB 5 PG 190
LOT 2 BLOCK A

DONNA NELSON HAMMOND
DB 1014 PG 756
PB 5 PG 190
LOT 3 BLOCK A

DB 3472 PG 767
PB 5 PG 190
LOT 4 BLOCK A

DB N/F PG N/F
PB 5 PG 190
LOT 4 BLOCK B

DEPARTMENT OF TRANSPORTATION
DB 8338 PG 251
PB 5 PG 190
LOT 1 BLOCK A

DELBRIDGE E. NARRON
DB 8660 PG 507
PB 5 PG 190
LOT 3 BLOCK B

KENNETH W STILWELL
DB 6489 PG 715
PB 5 PG 190
LOT 2 BLOCK B

JERRY EDMOND HARTIS
DOROTHY K HARTIS
DB N/F PG N/F
PB 5 PG 190
LOT 1 BLOCK B

ESTHER G NARRON
DB N/F PG N/F
PB 5 PG 190
LOT 3 BLOCK B

DEPARTMENT OF TRANSPORTATION
DB W22E PG 612

TOWN OF INDIAN TRAIL
DB 3284 PG 842

TOWN OF INDIAN TRAIL
DB 6183 PG 55
PB 1 PG 100

V THREE COMPANY, LLC
AND WILLIAM J. PRESSLY
DB 7411 PG 588

V THREE COMPANY, LLC
AND WILLIAM J. PRESSLY
DB 8593 PG 790

RONDO ELIZONDO AND
WIFE CHRISTY B. ELIZONDO
DB 645 PG 68

SANTANIELLO LAWRENCE
DB 8444 PG 373
PB G PG 824

LARRY J VICKERY
DB 6398 PG 191

TRACT 2
GERALD D RIGGINS
DB 3130 PG 618

WAYNE P COHEN
WENDY E COHEN
DB 3108 PG 652
PB G PG 824

ALPHA OMEGA LAND DEVELOPMENT INC
DB 4373 PG 786

RICHARD H TOMBERLIN
DB 414 PG 749

STEVE MAYNARD CLAYTON, JR.
DB 1211 PG 543

MINH PHAM
LIEN LIEN
DB 6604 PG 204

CSL NORTH CAROLINA SYSTEM, LP
6443 PG 358

POT Sta. 10+00.00

PC Sta. 45+75.37

PT Sta. 50+37.86

PC Sta. 11+20.65

PC Sta. 11+73.93

-L- POT Sta. 44+37.55 =
-Y7- POT Sta. 12+20.00

-L- POT Sta. 45+17.75=
-Y8- POT Sta. 10+00.00

-L- POT Sta. 52+15.41 =
-Y9- POT Sta. 10+00.00

PT Sta. 13+19.83

POT Sta. 13+50.00

PT Sta. 12+80.34

POT Sta. 13+25.00

BEGIN C/A
+61.00, Exist R/W

END C/A
+95.00, Exist R/W

BEGIN C/A
-Y8-
+73.00, EX R/W

END C/A
+62.00, 72.50

BEGIN C/A
-Y9-
+28.00, EX R/W

DEED DRAWN BASED ON FOUND FIELD INFORMATION & GIS

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026.

CURVE DATA -Y8-
PI Sta 12+27.21
Δ = 7° 25' 02.2" (RT)
D = 6° 58' 13.0"
L = 106.41'
T = 53.28'
R = 822.00'
e = 2.8%
RUNOFF = 58.8'

SYSTIMESTAMP

6/2/99

REVISIONS

CURVE DATA -Y10-
PI Sta 18+51.85
Δ = 22° 04' 23.7" (LT)
D = 2° 51' 53.2"
L = 770.50'
T = 390.09'
R = 2,000.00'
e = 2.6%
RUNOFF = 70.2'

NC GRID
NAD 83 NA 2011

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

7/28/2026

This day _____.

Signed by:
Jacob Buczynski
939088574013407...

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW08

Location and Surveys

NV5
NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

POT Sta. 8+00.00

PC Sta. 14+61.76

PT Sta. 21+32.26

MATCHLINE -L- STA 57+00 (SHEET 7)

MATCHLINE -L- STA 70+00 (SHEET 9)

MATCHLINE -Y10- STA 17+00 (SHEET 20)

GEORGE ATHANS
DB 684 PG 636
PB 6 PG 36

GEORGE ATHANS AND WIFE
DENISE P. ATHANS
DB 439 PG 87
PB 6 PG 36

RATCHFORD WILLIAM E
TRUSTEE
DB 8672 PG 599
PB F PG 687

SUBHASYS ESTATES LLC
DB 6757 PG 593
PB F PG 687

INDIAN TRAIL PROPERTIES
DB 1309 PG 054
PB F PG 687

GREGORY PLAZA LLC
DB 1717 PG 511

GPM SOUTHEAST LLC
DB 8811 PG 816

GEORGE ANTHANS AND
WIFE DENISE P. ANTHANS
DB 430 PG 831

DB 4373 PG 786

ALPHA OMEGA LAND
DEVELOPMENT INC
DB 4373 PG 786

RUSHING CONSTRUCTION
DB 245 PG 434

INDIAN TRAIL
PLAZA LLC
DB 5260 PG 305

J.J. CLARK, JR.
STEPHEN G. SIMMS
ANTHONY A. WENDELL
DB 1188 PG 728

CATHERINE TARANTINO
DB 9019 PG 832

UNION COUNTY
PUBLIC WORKS
DB N/A PG N/A

DB 5813 PG 892

CARRIAGE FUNERAL
HOLDINGS LLC
DB 8597 PG 335

BOULEVARD EAST LLC
DB 4452 PG 042

DB 4373 PG 786

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026.

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This day 7/22/2026.

Signed by: Jacob Buczynski
5390B9574013407...

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW09

Location and Surveys

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.8520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

6/2/99

MATCHLINE -L- STA 70+00 (SHEET 8)

MATCHLINE -L- STA 84+00 (SHEET 10)

NC GRID NAD 83 NA 2011

S 43°10'26" E 83.04'
S 43°14'06" E 45.70'
S 46°23'48" E 220.10'
S 41°53'56" E 105.37'
S 60°39'20" W 498.75'
S 27°09'28" W 217.60'
S 27°05'16" W 262.09'
S 60°39'20" W 186.00'
N 24°54'20" E 759.26'

67 WILLIAMS HARRIS PROPERTIES LLC DB 5813 PG 892

77 UNION MEMORIAL HOSPITAL INC DB 465 PG 758

78 SANDRA E PETERSON WENDY D EDWARDS DB 5469 PG 578 PB 4 PG 149

79 SHADY MACARON DB 7683 PG 810

80 LOT 2 SHADY MACARON DB 9053 PG 795 PB 4 PG 149

81

83 BO-TY LLC DB 6508 PG 659

84 JORDAN'S PLACE LLC DB 5260 PG 303 PB D PG 160

86 HUPERNIKAO LLC DB 9236 PG 652 PB D PG 160

87 STALLINGS VOLUNTEER FIRE DEPARTMENT INC. DB 1094 PG 701 PB E PG 413

76 FAMILY TYME LLC DB 5910 PG 117 PB L PG 810

82 CARLTON'S RENTALS, LLC AND GLEN OAKS INVESTMENTS, LLC DB 7270 PG 654

BIF II INDIAN TRAIL LLC DB 9171 PG 582

CREEKSIDE BIBLE CHURCH DB 5572 PG 280

PC Sta. 78+12.35

SR 1449 OLD MONROE ROAD 55' BST

S 63°37'02" E 165.26'
S 63°37'02" E 92.96'
S 63°36'15" E 201.12'
S 63°11'24" E 69.34'
N 63°37'02" W 206.25'
S 62°14'07" E 100.80'
N 62°13'37" W 100.80'
N 26°22'49" E 176.30'
S 26°22'58" W 176.39'
N 37°20'51" E 206.31'
S 29°51'13" W 203.29'
N 30°56'47" E 203.29'
S 29°51'13" W 92.19'
N 30°56'47" E 297.57'
S 35°43'09" W 300.00'
S 35°42'54" W 209.94'
S 37°41'12" W 116.86'
N 38°27'29" E 415.07'

BEGIN C/A +60.60, 49.50
END C/A +34.60, 49.50
BEGIN C/A +12.35, 54.50
END C/A +80.00 54.50 70.00 75.00

+00.00 60.00
+29.00 60.00, 72.00, 83.00
+95.00 49.50
+55.00 97.00
+55.39 89.50
+65.00 98.00
+65.41 90.02
+60.60 67.00
+13.85 92.51
+79.60 124.00
+01.90 93.80
+67.20 70.23
+83.00 64.53
+40.00 49.50, 66.00
+60.00 49.50, 66.00
+12.35 49.50
+61.00 64.54
+23.54 66.35
+75.00 67.48
+45.00 75.00
+91.93 EX R/W
+47.66 80.89
+47.70 55.75
+17.06 92.94
+25.00 72.00
+11.00 55.62, 71.99
+39.02 28.57
+35.73 EX R/W
+35.66 55.60
+33.00 76.00, 85.00
+65.00 70.00, 85.00
+56.00 54.50, 76.00
+64.00 54.50, 78.00
+73.00 54.50
+80.00 70.00
+69.00 72.00
+75.00 78.00
+85.00 69.98
+24.55 69.98
+85.00 105.00
+59.53 114.83
+10.39 136.99
+85.00 54.50, 65.00
+69.75 28.98
+64.46 30.29
+17.47 30.29
+76.46 39.67
+44.81 30.29

EXISTING R/W
PUE
DUE
E
EX R/W
MON
FES
CB
HW
BST
CONC
ASPH
PA-BST
GR
EIP
EIP(DISTURBED)
SHED
GLENN VALLEY LN 36' BST
46' BST
18' C&G
20' CONC
18' CONC
12' CONC
10' GR
9' GR

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026.

6/2/99

REVISIONS

CURVE DATA -Y11-
PI Sta 11+87.05
Δ = 15° 59' 09.4" (RT)
D = 7° 01' 48.6"
L = 227.39'
T = 114.44'
R = 815.00'
e = 3.8%
RUNOFF = 79.8'

CURVE DATA -Y12-
PI Sta 10+94.26
Δ = 28° 13' 10.2" (RT)
D = 15° 16' 43.9"
L = 184.70'
T = 94.26'
R = 375.00'
e = 3.8%
RUNOFF = 79.8'

I, Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

7/28/2026

This day _____.

Signed by: Jacob Buczynski 33908857401340?

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW010

Location and Surveys

N|V|5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.,
ALBEMARLE, NC 28001
P: 704.982.0520 www.NV5.com
NC License # P-1339

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

MATCHLINE -L- STA 84+00 (SHEET 9)

RAY B KILLOUGH
DB 5106 PG 656

NC GRID
NAD 83 NA 2011

POT Sta. 10+00.00

PC Sta. 10+72.61

LOT 1

LOT 1

81

85

90

91

92

93

95

EXISTING R/W

SR 1009 OLD MONROE RD 37' BST

S 46°47'42"E 476.49'

S 80°31'23" E 307.61'

N 15°56'05" E 571.69'

-L- POT Sta. 86+03.47 = -Y11- POC Sta. 13+00.00

PT Sta. 87+58.69

KILLOUGH-ROHLEDER HOLDING CO, LLC
DB 5106 PG 689

S 17°20'25" W 204.17'

S 70°20'57.9" E

DENISE KILLOUGH WINDHAM
BRIAN NEAL WINDHAM
DB 4031 PG 737

RALPH KILLOUGH
DB N/F PG N/F

DB 3646 PG 330
REFERENCE MADE TO THIS DEED BUT NO DESCRIPTION FOUND

PC Sta. 92+27.62

-L- POC Sta. 93+89.96 = -Y13- POT Sta. 10+00.00

BEGIN C/A +31.36, 49.50

-L- POC Sta. 86+27.12 = -Y12- POC Sta. 10+00.00

PT Sta. 111+84.70

POT Sta. 13+90.00

CREEKSIDE BIBLE CHURCH
DB 5572 PG 280

WAXHAW VENTURES LLC
DB 6874 PG 706

GARMON ROAD VENTURES LLC
DB 7337 PG 841

KENNETH GANTZ
NO INFO FOUND

LOT 4
ROBERT E JOHNSON
SALLY H JOHNSON
DB 1105 PG 848
PB B PG 158-B

LOT 2
AKN HOLDINGS LLC
PB B PG 158-B

N 4°14'05" E 380.68'

N 4°14'05" E 375.17'

S 7°02'06" E 116.27'

S 19° 22' 30.2" W

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026.

SYSTIMESTAMP

6/2/99

REVISIONS

I , Jacob P. Buczynski, 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 04/29/2026 to 06/29/2026, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

7/22/2026

This day _____.

Signed by:
Jacob Buczynski
939088574013407

Professional Land Surveyor L-5754

PROJECT REFERENCE NO.	SHEET NO.
U-4714BA	RW011

Location and Surveys

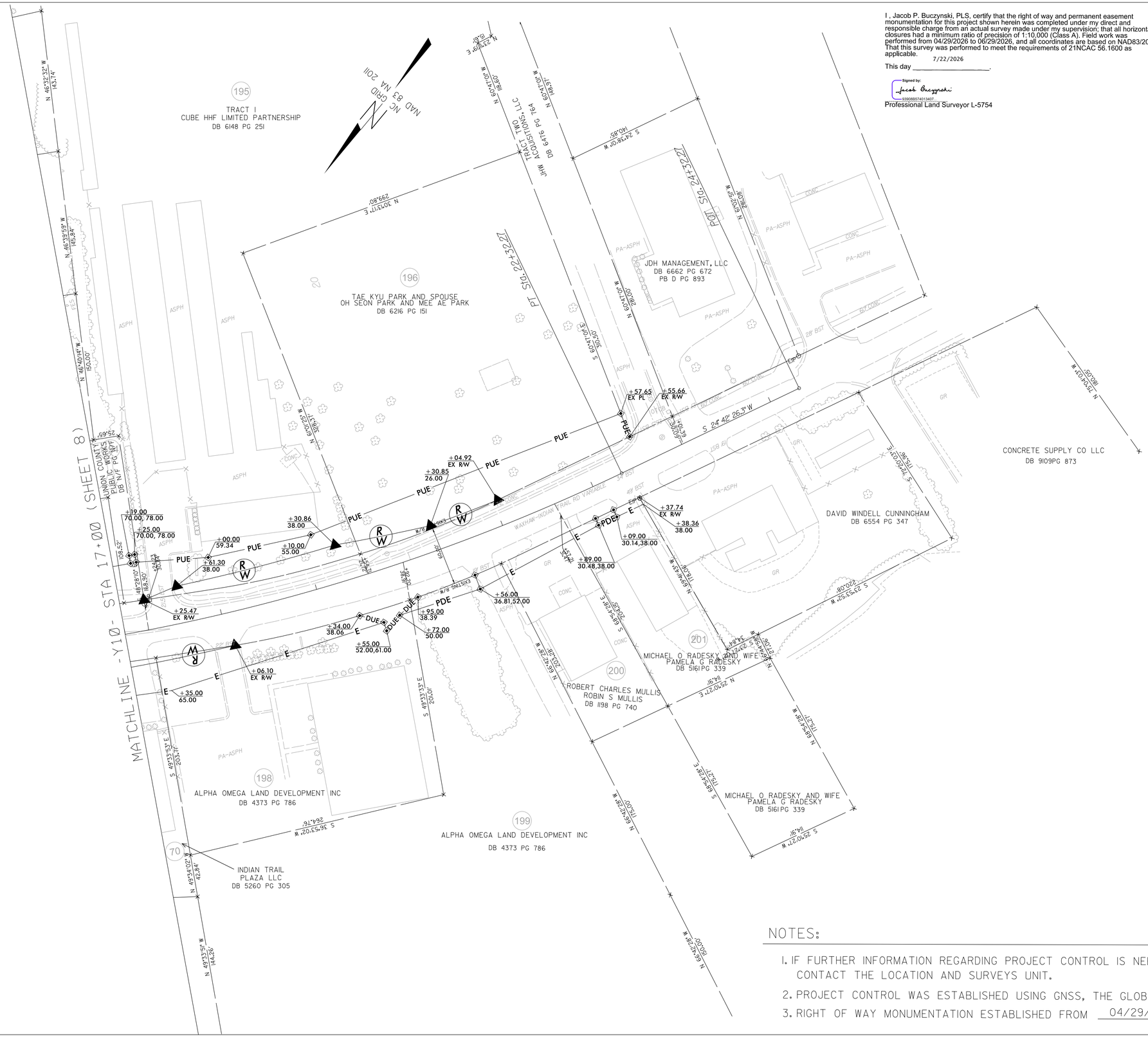
NV5

NV5 ENGINEERS & CONSULTANTS, INC.
116 E NORTH ST.
ALBEMARLE, NC 28001
P: 704.982.6520 www.NV5.com
NC License # F-1333

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5754 LAND SURVEYOR JACOB BUCZYNSKI

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 04/29/2026 TO 06/29/2026 .