

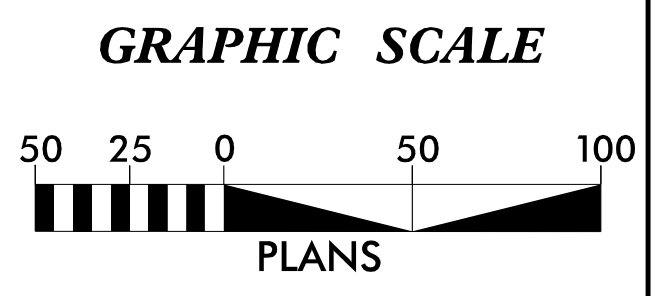
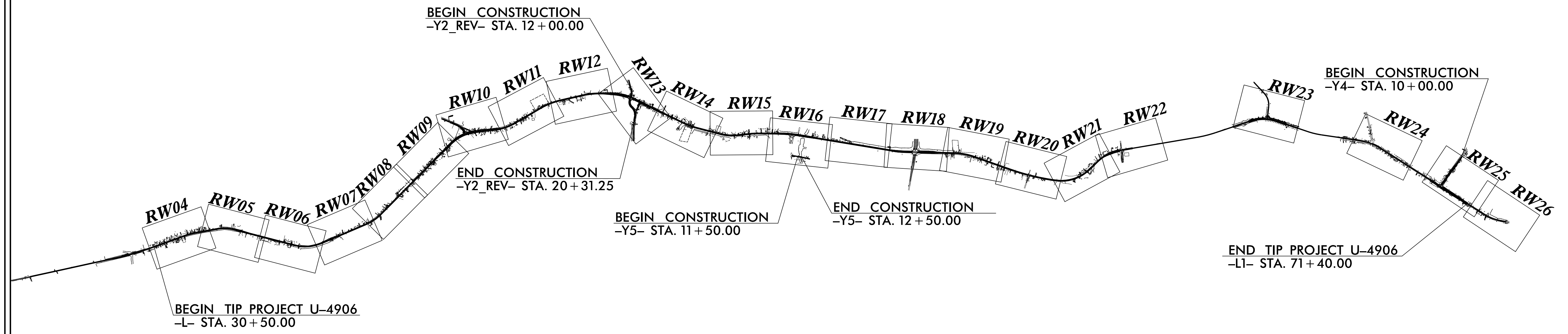
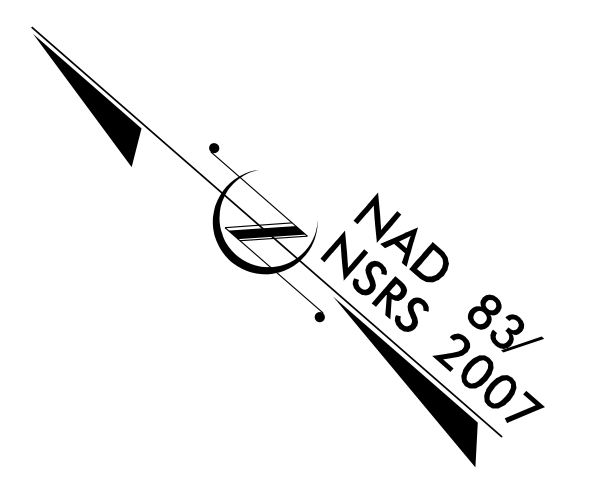
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4906	RW01	32

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

ONSLOW COUNTY

TIP PROJECT: U-4906



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "U4906-7" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 413606.240(ft) EASTING: 2447928.332(ft) ELEVATION: 48.189(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.998986292 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U4906-7" TO -L- STATION 10+00.00 IS N 59° 22' 31" W 11,078.9027' ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS XXXX XX

Prepared in the Office of:



- New Bern, North Carolina 28562 Phone: (252) 631-5115
- Middlesboro, Kentucky 40965 Phone: (606) 248-6500
- Asheville, North Carolina 28806 Phone: (828) 253-2796
- Charlotte, North Carolina 28217 Phone: (704) 357-0488

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
June 28, 2017

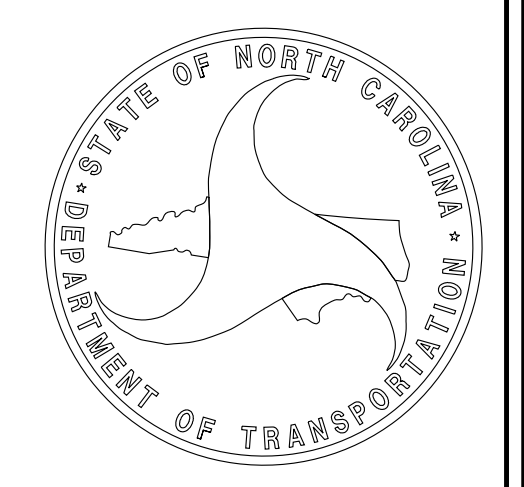
LETTING DATE:
September 21, 2021


PROFESSIONAL LAND SURVEYOR



DocuSigned by:
William T. Robbins
SIGNATURE

8/17/2021
Date:



PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW02C-1
Location and Surveys	
LOCATION & SURVEYS DIVISION 3 5310 BARBADOS BLVD. #102 CASTLE HAYNE, NC 28429 (910) 341-2280	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
U4906-11	TRV CAP & REBAR		393958.1340	2462380.6130	11.92
U4906-12	TRV CAP & REBAR		395260.1660	2462243.8590	29.03
BL-A1	TRV CAP & REBAR		396162.8380	2462052.5640	27.81
BL-A2	TRV CAP & REBAR		397098.7770	2461941.3390	33.43
BL-A3	TRV CAP & REBAR		397948.8120	2461387.8840	32.79
BL-A4	TRV CAP & REBAR		398686.6770	2460999.1360	31.83
BL-A5	TRV CAP & REBAR		399442.5760	2460736.5820	29.32
BL-A6	TRV CAP & REBAR		400022.9140	2459871.8260	19.14
BL-A7	TRV CAP & REBAR		400372.4100	2459236.2410	32.84
BL-A8	TRV CAP & REBAR		401000.7770	2458549.3900	32.99
U4906-2	GPS CAP & REBAR		401573.9450	2457855.0470	32.68
BL-10	TRV CAP & REBAR		401793.7408	2457354.2536	32.36
BL-11	TRV CAP & REBAR		401857.9054	2456729.8014	30.97
BL-12	TRV CAP & REBAR		402192.1929	2456222.0339	35.16
BL-13	TRV CAP & REBAR		402774.6708	2455942.5223	36.07
BL-14	TRV CAP & REBAR		403443.9506	2455691.5652	36.45
BL-15	TRV CAP & REBAR		404101.0849	2455429.8049	40.52
BL-16	TRV CAP & REBAR		404685.6167	2455046.0498	44.87
U4906-3	GPS CAP & REBAR		405254.1273	2454608.0467	46.15
BL-17	TRV CAP & REBAR		405842.4942	2454150.8603	46.31
BL-18	TRV CAP & REBAR		406478.8588	2453756.9057	46.69
BL-19	TRV CAP & REBAR		407189.5165	2453317.5865	43.94
BL-20	TRV CAP & REBAR		407784.3884	2452948.2985	42.05
BL-21	TRV CAP & REBAR		408402.7974	2452422.8663	45.24
U4906-5	GPS CAP & REBAR		408959.1429	2451853.7429	45.01
BL-22	TRV CAP & REBAR		409478.1065	2451592.6592	47.79
U4906-6	GPS CAP & REBAR		410008.1620	2451399.4752	46.95
BL-23	TRV CAP & REBAR		410567.1985	2451200.5224	46.33
BL-24	TRV CAP & REBAR		411121.4331	2451128.7043	45.31
BL-25	TRV CAP & REBAR		411696.5363	2450818.8945	47.67
BL-26	TRV CAP & REBAR		412131.0487	2450390.7278	47.21
BL-27	TRV CAP & REBAR		412472.7141	2449923.3090	50.48
BL-28	TRV CAP & REBAR		412729.0972	2449404.3106	51.68
BL-29	TRV CAP & REBAR		412884.4303	2448834.7121	48.37
BL-30	TRV CAP & REBAR		413164.1751	2448344.5118	48.66
U4906-7	GPS CAP & REBAR		413606.2397	2447928.3325	48.19
BL-31	TRV CAP & REBAR		413768.4537	2447376.7948	48.57
BL-32	TRV CAP & REBAR		413822.9024	2446656.2347	47.18
BL-33	TRV CAP & REBAR		413878.6152	2445712.6057	43.69
BL-34	TRV CAP & REBAR		413900.2617	2444928.0211	33.79
BL-35	TRV CAP & REBAR		414127.6189	2444426.2526	28.16
BL-36	TRV CAP & REBAR		414422.8701	2443819.1367	24.04
BL-37	TRV CAP & REBAR		414640.2366	2443362.1127	25.04
U4906-9	GPS CAP & REBAR		415069.6854	2443055.6974	23.69
BL-38	TRV CAP & REBAR		415606.5308	2442822.4454	28.67
U4906-10	GPS CAP & REBAR		416137.8418	2442557.2113	32.40
BL-39	TRV CAP & REBAR		416630.5031	2442219.8384	39.13
BL-40	TRV CAP & REBAR		417132.4995	2441550.5362	40.64
BL-5	TRV CAP & REBAR		417457.8552	2440898.8903	31.11
BL-41	TRV CAP & REBAR		417720.3338	2440452.3036	26.11
BL-42	TRV CAP & REBAR		418054.9734	2439976.8122	24.47
B3884-2	GPS CAP & REBAR		418514.5683	2439359.6489	37.12
B3884-1	GPS CAP & REBAR		419227.7826	2438396.1910	45.91

BY	POINT	DESC.	NORTH	EAST	ELEVATION
U4906-12	GPS CAP & REBAR		395260.1660	2462243.8590	29.03
BY-A9	TRV CAP & REBAR		395260.4980	2462633.7380	30.64

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
BL-A2	TRV CAP & REBAR		397098.7770	2461941.3390	33.43
BY1-A10	TRV CAP & REBAR		397512.4660	2462269.4510	35.27

BY2	POINT	DESC.	NORTH	EAST	ELEVATION
BL-A5	TRV CAP & REBAR		399442.5760	2460736.5820	29.32
BY2-A11	TRV CAP & REBAR		399658.0640	2461075.6250	34.96

NOTE:
 SUPPLEMENTAL BENCHMARKS WERE NOT SET AFTER CONSULTING WITH DIVISION 3 CONSTRUCTION OFFICES.
 TRANS TECHNICIAN VI JIMMY ZEPEDA, PLS.

I, CHRISTOPHER J. SAWYER, PLS, certify that the 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:

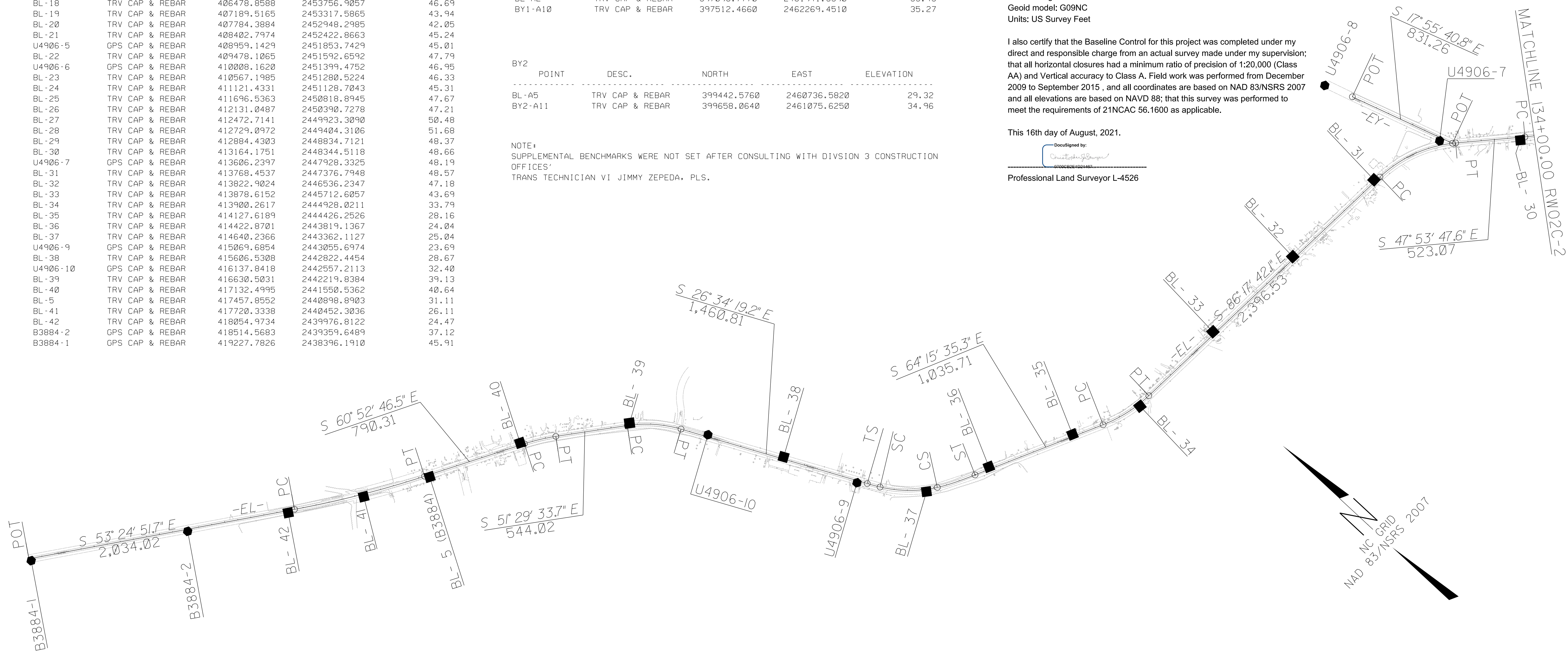
Class of survey: **AA**
 Type of GPS field procedure: NC-VRS-RTN
 Dates of survey: December 2009 to September 2015
 Datum/Epoch: NAD 83/NSRS 2007
 Published/Fixed-control use: Project Control N/A for RTN
 [Project Control if applicable, N/A for RTN]
 Localized around: U4906-7
 Northing: 413606.2397
 Easting: 2447928.3325
 Combined grid factor: 0.9998986292
 Geoid model: G09NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from December 2009 to September 2015, and all coordinates are based on NAD 83/NSRS 2007 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 16th day of August, 2021.

DocuSigned by:

 Christopher Sawyer
 Professional Land Surveyor L-4526



EY				
POINT	N	E	BEARING	DIST
POT	414313.639	2447724.467		
LINE			S 17° 55' 40.8\"/>	
POT	413522.746	2447980.345		

NOTES:

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

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-4906	SHEET NO. RWO2D-1
Location and Surveys	

L			
TYPE	STATION	NORTH	EAST
POT	0+00.00	419249.9463	2438394.6491
PC	20+34.02	418037.6234	2440027.8988
PT	30+45.55	417489.2680	2440877.0529
PC	38+35.86	417104.6664	2441567.4663
PT	40+79.33	416969.3278	2441769.5269
PC	46+23.36	416630.6101	2442195.2418
PT	50+32.27	416315.4654	2442450.7355
TS	64+93.09	415008.9543	2443104.1888
SC	65+93.09	414920.3134	2443150.4534
CS	70+27.85	414602.2088	2443441.4069
ST	73+27.83	414458.2690	2443704.2305
PC	83+63.55	414008.4669	2444637.1753
PT	87+73.17	413905.0059	2445030.9128
PC	111+69.70	413750.1448	2447422.4303
PT	118+06.93	413506.7525	2447998.5024
PC	123+30.00	413156.0485	2448386.5872
PT	128+08.22	412916.0580	2448796.3560
PC	135+25.27	412687.2395	2449475.9127
PT	140+14.65	412463.2659	2449908.9023
PC	145+75.51	412132.8642	2450362.1074
PT	150+15.25	411833.2302	2450682.4642
PC	152+93.83	411619.5795	2450861.2435
PT	158+14.20	411162.0127	2451100.5687
PC	171+42.00	409881.2789	2451450.9522
PT	175+10.78	409537.2400	2451582.1333
PC	180+71.82	409034.8944	2451831.9681
PT	184+66.66	408720.2351	2452066.9365
PC	187+89.26	408500.4532	2452303.0979
PT	189+89.09	408356.6954	2452441.7512
PC	194+35.77	408018.9258	2452734.0432
PT	199+94.60	407568.9766	2453064.4491
PC	221+87.05	405703.7984	2454216.8324
PT	225+40.73	405416.4074	2454422.5086
PC	237+24.31	404502.7414	2455174.8901
PT	242+01.99	404093.0692	2455416.7845
TS	249+62.51	403386.2011	2455697.3606
SC	252+62.51	403108.3812	2455810.5429
CS	261+56.67	402318.3731	2456227.3058
SC	263+56.67	402154.9098	2456342.3159
CS	270+13.76	401826.4361	2456896.2882
ST	272+13.76	401802.7507	2457094.7813
PC	273+92.51	401787.8165	2457272.9118
PT	279+90.84	401566.5540	2457819.1182
PC	298+64.03	400379.7972	2459268.4164
PT	303+28.68	400114.3805	2459649.2329
POT	307+68.37	399891.6293	2460028.3242

L1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	399891.6293	2460028.3242
PC	14+65.38	399655.8626	2460429.5662
PT	20+69.57	399207.4558	2460818.5406
PC	28+59.44	398476.7584	2461118.5011
PT	32+17.99	398159.1867	2461283.8917
PC	40+46.60	397461.9193	2461731.5647
PCC	43+08.16	397234.8442	2461861.1425
PT	46+40.76	396919.2792	2461961.7787
PC	57+48.31	395824.3508	2462128.4730
PT	57+99.53	395773.7051	2462136.1170
PC	76+17.71	393975.5406	2462405.1636
PT	80+27.17	393591.0216	2462538.8676
POT	81+82.86	393455.9668	2462616.3309

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	414313.6386	2447724.4672
PC	14+00.44	413932.6411	2447847.7316
PT	16+73.72	413667.7086	2447824.0946
POT	17+05.30	413639.8595	2447809.2092

Y2_REV			
TYPE	STATION	NORTH	EAST
POT	10+00.00	411539.8899	2451365.7737
PC	12+42.84	411339.5982	2451228.4613
PT	13+78.25	411253.5280	2451126.0681
PC	15+04.63	411201.0537	2451011.0983
PRC	16+79.59	411061.9624	2450921.0446
PRC	19+43.45	410845.2672	2450792.8393
PT	21+42.67	410731.5836	2450629.6419
POT	25+15.89	410488.8560	2450346.1300

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	400215.6388	2461167.0808
PC	13+66.46	399851.0868	2461129.6996
PT	17+10.28	399563.8195	2460960.6320
POT	20+08.42	399393.2443	2460716.0985

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	395283.6390	2463083.8073
POT	18+66.25	395206.2341	2462221.0237


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.

6/2/20
 I5-JUN-2021 13:22
 U-4906 0na10w
 County\Final\Survey\uf4906_1s_rw02d-1_190812.dgn
 FILE

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-4906	SHEET NO. RW02C-2
Location and Surveys	
LOCATION & SURVEYS DIVISION 3 5310 BARBADOS BLVD. #102 CASTLE HAYNE, NC 28429 (910) 341-2280	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EY1				
POINT	N	E	BEARING	DIST
POT	411539.138	2451365.293	S 34°56'38.8" W	461.58
LINE				
POT	411160.772	2451100.908		

EY2									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	410980.054	2451150.349	S 72°45'54.3" W	167.22					
LINE									
PC	410930.509	2450990.638	S 61°05'54.1" W	413.74	23°20'00.4"(LT)	05°36'02.7"	416.61	211.23	1023.00
CURVE									
PT	410730.546	2450628.430	S 49°25'53.9" W	371.63					
LINE									
POT	410488.856	2450346.130							

I, CHRISTOPHER J. SAWYER, PLS, certify that the 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:

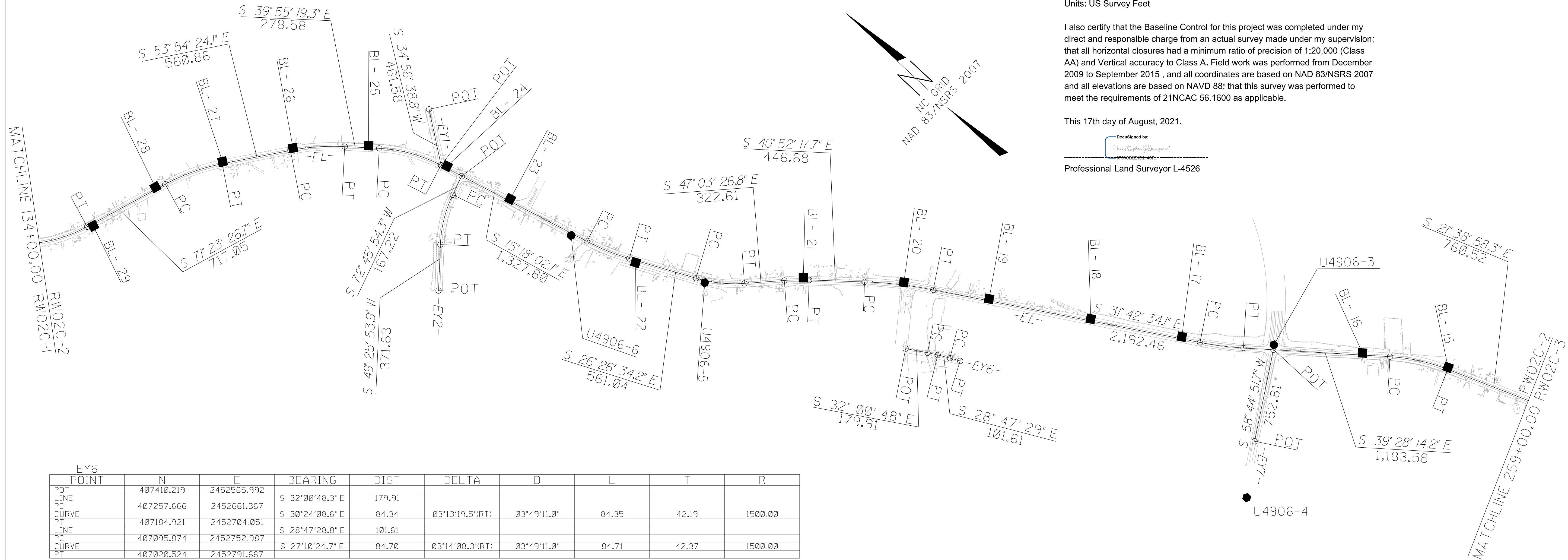
Class of survey: **AA**
 Type of GPS field procedure: NC-VRS-RTN
 Dates of survey: December 2009 to September 2015
 Datum/Epoch: NAD 83/NSRS 2007
 Published/Fixed-control use: Project Control N/A for RTN
 [Project Control if applicable, N/A for RTN]
 Localized around: U4906-7
 Northing: 413606.2397
 Easting: 2447928.3325
 Combined grid factor: 0.9998986292
 Geoid model: G09NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from December 2009 to September 2015, and all coordinates are based on NAD 83/NSRS 2007 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of August, 2021.

DocuSigned by:

 Professional Land Surveyor L-4526



EY6									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	407410.219	2452565.992	S 32°00'48.3" E	179.91					
LINE									
PC	407257.666	2452661.367	S 30°24'08.6" E	84.34	03°13'19.5"(RT)	03°49'11.0"	84.35	42.19	1500.00
CURVE									
PT	407184.921	2452704.051	S 28°47'28.8" E	101.61					
LINE									
PC	407095.874	2452752.987	S 27°10'24.7" E	84.70	03°14'08.3"(RT)	03°49'11.0"	84.71	42.37	1500.00
CURVE									
PT	407020.524	2452791.667							


EY7				
POINT	N	E	BEARING	DIST
POT	405229.924	2454576.073	S 58°44'51.7" W	752.81
LINE				
POT	404839.362	2453932.505		

NOTES:

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

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-4906	SHEET NO. RW02C-3
Location and Surveys	
LOCATION & SURVEYS DIVISION 3 5310 BARBADOS BLVD, #102 CASTLE HAYNE, NC 28429 (910) 341-2280	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EY3

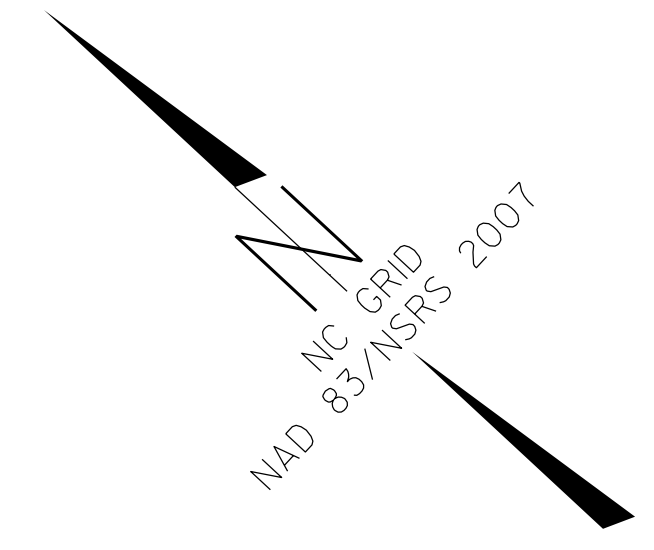
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	400215.639	2461167.081							
LINE			S 05°51'16.8" W	366.46					
PC	399851.087	2461129.700							
CURVE			S 30°28'42.3" W	333.33	49°14'51.0"(RT)	14°19'26.2"	343.81	183.33	400.00
PT	399563.820	2460960.632							
LINE			S 55°06'07.8" W	298.15					
POT	399393.244	2460716.098							

EY4

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	397661.214	2462360.445							
LINE			S 35°53'33.9" W	116.11					
PC	397567.152	2462292.374							
CURVE			S 38°11'33.6" W	252.88	04°35'59.5"(RT)	01°49'06.5"	252.95	126.54	3150.75
PT	397368.403	2462136.015							
LINE			S 40°29'33.4" W	346.43					
POT	397104.943	2461911.058							

EY5

POINT	N	E	BEARING	DIST
POT	395305.086	2463322.864		
LINE			S 84°52'24.3" W	1106.27
POT	395206.234	2462221.024		

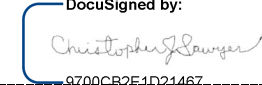


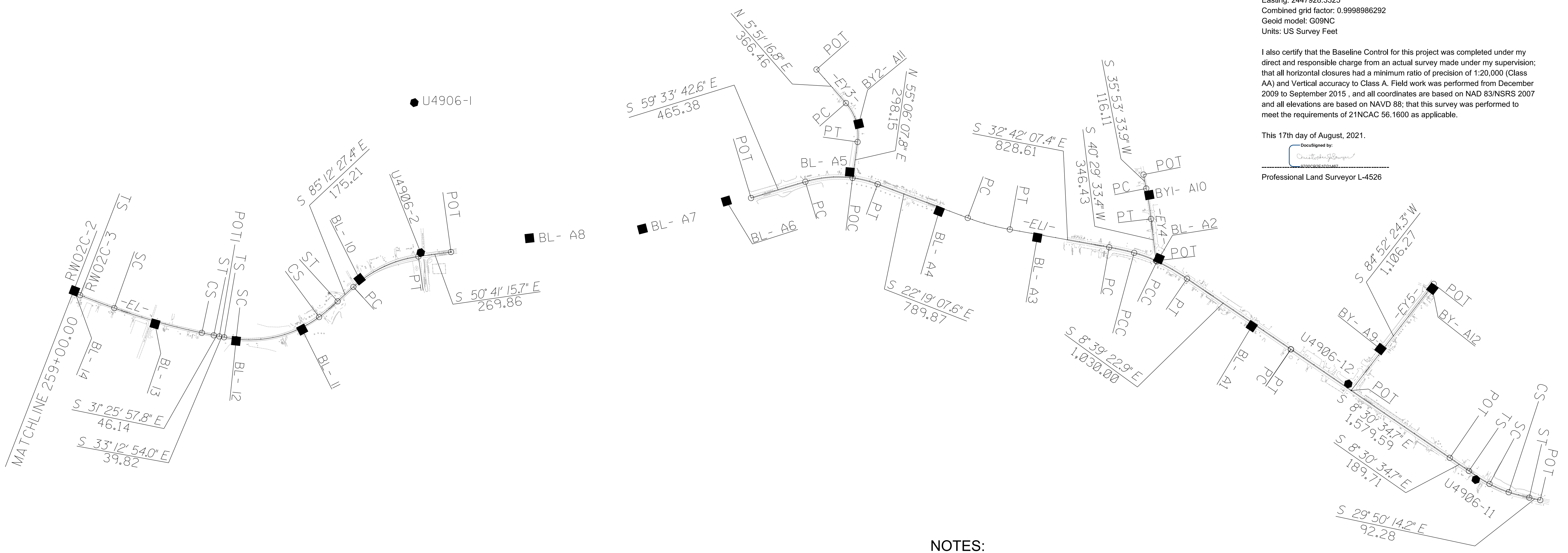
I, CHRISTOPHER J. SAWYER, PLS, certify that the Project Control was [performed/verified] under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: **AA**
 Type of GPS field procedure: NC-VRS-RTN
 Dates of survey: December 2009 to September 2015
 Datum/Epoch: NAD 83/NSRS 2007
 Published/Fixed-control use: Project Control N/A for RTN
 [Project Control if applicable, N/A for RTN]
 Localized around: U4906-7
 Northing: 413606.2397
 Easting: 2447928.3325
 Combined grid factor: 0.9998986292
 Geoid model: G09NC
 Units: US Survey Feet

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from December 2009 to September 2015, and all coordinates are based on NAD 83/NSRS 2007 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 17th day of August, 2021.

DocuSigned by:

 Professional Land Surveyor L-4526



NOTES:

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

PROPOSED ALIGNMENT CONTROL SHEET

Y5

TYPE	STATION	NORTH	EAST
POT	10+00.00	407411.1929	2452565.3829
PC	11+81.06	407257.6659	2452661.3672
PT	12+65.42	407184.9208	2452704.0506
PC	13+67.02	407095.8736	2452752.9872
PT	14+51.73	407020.5243	2452791.6674

Y6

TYPE	STATION	NORTH	EAST
POT	10+00.00	405229.9244	2454576.0728
POT	17+52.81	404839.3623	2453932.5047

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 INFORMATINO REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW02D-1
Location and Surveys	

L			
TYPE	STATION	NORTH	EAST
POT	0+00.00	419249.9463	2438394.6491
PC	20+34.02	418037.6234	2440027.8988
PT	30+45.55	417489.2680	2440877.0529
PC	38+35.86	417104.6664	2441567.4663
PT	40+79.33	416969.3278	2441769.5269
PC	46+23.36	416630.6101	2442195.2418
PT	50+32.27	416315.4654	2442450.7355
TS	64+93.09	415008.9543	2443104.1888
SC	65+93.09	414920.3134	2443150.4534
CS	70+27.85	414602.2088	2443441.4069
ST	73+27.83	414458.2690	2443704.2305
PC	83+63.55	414008.4669	2444637.1753
PT	87+73.17	413905.0059	2445030.9128
PC	111+69.70	413750.1448	2447422.4303
PT	118+06.93	413506.7525	2447998.5024
PC	123+30.00	413156.0485	2448386.5872
PT	128+08.22	412916.0580	2448796.3560
PC	135+25.27	412687.2395	2449475.9127
PT	140+14.65	412463.2659	2449908.9023
PC	145+75.51	412132.8642	2450362.1074
PT	150+15.25	411833.2302	2450682.4642
PC	152+93.83	411619.5795	2450861.2435
PT	158+14.20	411162.0127	2451100.5687
PC	171+42.00	409881.2789	2451450.9522
PT	175+10.78	409537.2400	2451582.1333
PC	180+71.82	409034.8944	2451831.9681
PT	184+66.66	408720.2351	2452066.9365
PC	187+89.26	408500.4532	2452303.0979
PT	189+89.09	408356.6954	2452441.7512
PC	194+35.77	408018.9258	2452734.0432
PT	199+94.60	407568.9766	2453064.4491
PC	221+87.05	405703.7984	2454216.8324
PT	225+40.73	405416.4074	2454422.5086
PC	237+24.31	404502.7414	2455174.8901
PT	242+01.99	404093.0692	2455416.7845
TS	249+62.51	403386.2011	2455697.3606
SC	252+62.51	403108.3812	2455810.5429
CS	261+56.67	402318.3731	2456227.3058
SC	263+56.67	402154.9098	2456342.3159
CS	270+13.76	401826.4361	2456896.2882
ST	272+13.76	401802.7507	2457094.7813
PC	273+92.51	401787.8165	2457272.9118
PT	279+90.84	401566.5540	2457819.1182
PC	298+64.03	400379.7972	2459268.4164
PT	303+28.68	400114.3805	2459649.2329
POT	307+68.37	399891.6293	2460028.3242

L1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	399891.6293	2460028.3242
PC	14+65.38	399655.8626	2460429.5662
PT	20+69.57	399207.4558	2460818.5406
PC	28+59.44	398476.7584	2461118.5011
PT	32+17.99	398159.1867	2461283.8917
PC	40+46.60	397461.9193	2461731.5647
PCC	43+08.16	397234.8442	2461861.1425
PT	46+40.76	396919.2792	2461961.7787
PC	57+48.31	395824.3508	2462128.4730
PT	57+99.53	395773.7051	2462136.1170
PC	76+17.71	393975.5406	2462405.1636
PT	80+27.17	393591.0216	2462538.8676
POT	81+82.86	393455.9668	2462616.3309

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	414313.6386	2447724.4672
PC	14+00.44	413932.6411	2447847.7316
PT	16+73.72	413667.7086	2447824.0946
POT	17+05.30	413639.8595	2447809.2092

Y2_REV			
TYPE	STATION	NORTH	EAST
POT	10+00.00	411539.8899	2451365.7737
PC	12+42.84	411339.5982	2451228.4613
PT	13+78.25	411253.5280	2451126.0681
PC	15+04.63	411201.0537	2451011.0983
PRC	16+79.59	411061.9624	2450921.0446
PRC	19+43.45	410845.2672	2450792.8393
PT	21+42.67	410731.5836	2450629.6419
POT	25+15.89	410488.8560	2450346.1300

Y3			
TYPE	STATION	NORTH	EAST
POT	10+00.00	400215.6388	2461167.0808
PC	13+66.46	399851.0868	2461129.6996
PT	17+10.28	399563.8195	2460960.6320
POT	20+08.42	399393.2443	2460716.0985

Y4			
TYPE	STATION	NORTH	EAST
POT	10+00.00	395283.6390	2463083.8073
POT	18+66.25	395206.2341	2462221.0237

Y5			
TYPE	STATION	NORTH	EAST
POT	10+00.00	407411.1929	2452565.3829
PC	11+81.06	407257.6659	2452661.3672
PT	12+65.42	407184.9208	2452704.0506
PC	13+67.02	407095.8736	2452752.9872
PT	14+51.73	407020.5243	2452791.6674

Y6			
TYPE	STATION	NORTH	EAST
POT	10+00.00	405229.9244	2454576.0728
POT	17+52.81	404839.3623	2453932.5047

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.

6/2/09

REVISIONS

8/16/2021 9:57:02 AM
\\mscra01\proj\102021\102021.dgn
m\scra01\proj\102021\102021.dgn

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW03E-1

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	106+53.00	-30.00	413813.47049	2446908.75224
L	106+55.00	30.00	413753.46666	2446906.87093
L	107+00.00	-40.00	413820.41251	2446956.30021
L	107+00.00	38.00	413742.57553	2446951.25992
L	108+00.00	40.00	413734.11781	2447050.92169
L	111+02.23	-40.00	413794.42055	2447357.69363
L	111+69.70	40.00	413710.22839	2447419.84557
L	111+98.20	-50.00	413797.65336	2447455.56504
L	112+70.00	-50.00	413787.67875	2447530.46371
L	113+95.72	-66.00	413772.00499	2447663.78700
L	114+75.00	-51.00	413729.51282	2447737.93646
L	117+39.52	-64.39	413600.85748	2447986.60484
L	118+06.93	40.00	413477.07510	2447971.68351
L	119+00.00	-50.00	413481.45127	2448101.07484
L	119+50.00	36.00	413384.12125	2448080.51108
L	121+00.00	30.00	413288.00216	2448195.82422
L	121+00.00	50.00	413273.16346	2448182.41481
L	123+30.00	-50.00	413193.14531	2448420.11076
L	124+00.00	40.00	413079.47235	2448414.90527
L	124+00.00	30.00	413087.28049	2448421.15287
L	126+00.00	-30.00	413026.00108	2448620.45289
L	127+00.00	40.00	412918.73637	2448679.31738
L	127+50.00	30.00	412908.08865	2448730.68351
L	150+50.00	30.00	411787.32372	2450681.76039
L	151+00.00	45.00	411739.35165	2450702.34385
L	154+51.03	-30.00	411508.93423	2450979.33266
L	155+00.00	60.00	411420.83807	2450927.61300
L	155+24.03	-49.00	411453.87561	2451034.19832
L	156+35.05	-49.00	411350.45142	2451085.54683
L	158+17.07	-45.00	411171.11363	2451144.73253
L	159+33.53	-30.00	411054.82985	2451160.99425
L	159+35.45	-45.00	411056.93534	2451175.96946
L	160+34.21	40.00	410939.24290	2451120.04421
L	160+92.75	-45.00	410905.20963	2451217.47861
L	160+93.19	-30.00	410900.83032	2451203.12548
L	165+00.00	40.00	410489.96471	2451242.95784
L	165+09.54	-45.00	410503.19671	2451327.46140
L	165+50.00	30.00	410444.37581	2451265.79754
L	226+42.77	30.00	405318.56773	2454464.21460
L	228+16.67	76.85	405154.54281	2454538.59640
L	228+47.67	-55.00	405214.43172	2454660.07871
L	229+00.00	-45.00	405167.67546	2454685.62714
L	229+27.10	30.00	405099.07637	2454644.96036
L	232+00.00	-45.00	404936.09026	2454876.33187
L	233+00.00	-30.00	404849.35997	2454928.32086

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L1	13+50.00	-30.00	399740.18173	2460345.28415
L1	14+00.00	30.00	399663.12073	2460357.99647
L1	14+00.00	40.00	399654.49897	2460352.93039
L1	14+00.00	-45.00	399727.78396	2460395.99209
L1	14+65.38	45.00	399617.06466	2460406.76878
L1	14+65.38	-45.00	399694.66053	2460452.36353
L1	18+04.87	-45.00	399462.90717	2460719.89256
L1	19+14.66	-50.00	399371.60616	2460790.53318
L1	20+69.57	45.00	399190.36666	2460776.91178
L1	20+69.57	-50.00	399226.44378	2460864.79489
L1	23+25.00	30.00	398959.76921	2460887.78963
L1	23+25.00	40.00	398955.97162	2460878.53878
L1	23+25.00	-50.00	398990.14995	2460961.79647
L1	23+25.00	-30.00	398982.55476	2460943.29476
L1	61+25.00	40.00	395445.89503	2462144.72314
L1	61+25.00	30.00	395447.37379	2462154.60973
L1	63+00.00	45.00	395272.08170	2462165.67046
L1	71+99.97	45.00	394382.01912	2462298.84420
L1	72+00.00	30.00	394384.20943	2462313.68345

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	12+25.00	-30.00	414108.79832	2447822.27037
Y1	12+25.00	-50.00	414114.95473	2447841.29922
Y1	12+25.00	30.00	414090.32903	2447765.18372
Y1	12+25.00	40.00	414087.25081	2447755.66925
Y1	14+00.44	40.00	413920.32828	2447809.67381
Y1	14+58.89	-55.83	413883.60948	2447916.14652
Y1	14+99.92	50.00	413833.87141	2447814.17865
Y1	15+30.00	-58.59	413800.83786	2447921.90504
Y1	16+04.68	59.59	413748.39319	2447793.11454

ROW MARKER IRON PIN AND CAP-E

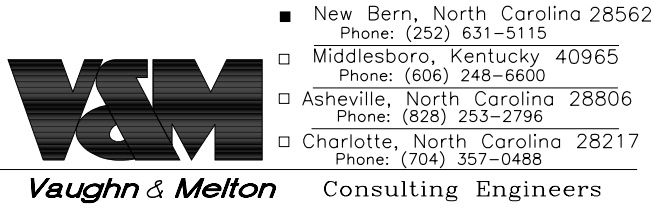

ALIGN	STATION	OFFSET	NORTH	EAST
Y2_REV	12+00.00	50.00	411403.20455	2451211.44575
Y2_REV	12+00.00	31.75	411392.88438	2451226.49935
Y2_REV	12+42.84	50.00	411367.87032	2451187.22195
Y2_REV	13+39.78	47.63	411311.91251	2451133.52247
Y2_REV	18+45.40	-60.16	410871.04878	2450914.20367
Y2_REV	18+62.81	-65.11	410851.25528	2450903.86692
Y2_REV	20+31.25	-45.00	410761.95807	2450743.41773
Y2_REV	20+31.25	-30.04	410774.33733	2450735.00962
Y2_REV	20+50.00	29.95	410812.96014	2450685.43315

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.

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW03E-1
Location and Surveys	
 <ul style="list-style-type: none"> ■ New Bern, North Carolina 28562 Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 252-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	106+53.00	-30.00	413813.4705	2446908.7522
L	106+55.00	30.00	413753.4667	2446906.8709
L	107+00.00	-40.00	413820.4125	2446956.3002
L	107+00.00	38.00	413742.5755	2446951.2599
L	108+00.00	40.00	413734.1178	2447050.9217
L	111+02.23	-40.00	413794.4205	2447357.6936
L	111+69.70	40.00	413710.2284	2447419.8456
L	111+98.20	-50.00	413797.6534	2447455.5650
L	112+70.00	-50.00	413787.6788	2447530.4637
L	113+95.72	-66.00	413772.0050	2447663.7870
L	114+75.00	-51.00	413729.5128	2447737.9365
L	117+39.52	-64.39	413600.8575	2447986.6048
L	118+06.93	40.00	413477.0751	2447971.6835
L	119+00.00	-50.00	413481.4513	2448101.0748
L	119+50.00	36.00	413384.1213	2448080.5111
L	121+00.00	30.00	413288.0022	2448195.8242
L	121+00.00	50.00	413273.1635	2448182.4148
L	123+30.00	-50.00	413193.1453	2448420.1108
L	124+00.00	30.00	413087.2805	2448421.1529
L	124+00.00	40.00	413079.4723	2448414.9053
L	126+00.00	-30.00	413026.0011	2448620.4529
L	127+00.00	40.00	412918.7364	2448679.3174
L	127+50.00	30.00	412908.0886	2448730.6835
L	150+50.00	30.00	411787.3237	2450681.7604
L	151+00.00	45.00	411739.3516	2450702.3438
L	154+51.03	-30.00	411508.9342	2450979.3327
L	155+00.00	60.00	411420.8381	2450927.6130
L	155+24.03	-49.00	411453.8756	2451034.1983
L	156+35.05	-49.00	411350.4514	2451085.5468
L	158+17.07	-45.00	411171.1136	2451144.7325
L	159+33.53	-30.00	411054.8298	2451160.9943
L	159+35.45	-45.00	411056.9353	2451175.9695
L	160+34.21	40.00	410939.2429	2451120.0442
L	160+92.75	-45.00	410905.2096	2451217.4786
L	160+93.19	-30.00	410900.8303	2451203.1255
L	165+00.00	40.00	410489.9647	2451242.9578
L	165+09.54	-45.00	410503.1967	2451327.4614
L	165+50.00	30.00	410444.3758	2451265.7975
L	226+42.77	30.00	405318.5677	2454464.2146
L	228+16.67	76.85	405154.5428	2454538.5964
L	228+47.67	-55.00	405214.4317	2454660.0787
L	229+00.00	-45.00	405167.6755	2454685.6271
L	229+27.10	30.00	405099.0764	2454644.9604
L	232+00.00	-45.00	404936.0903	2454876.3319
L	233+00.00	-30.00	404849.3600	2454928.3209

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	12+25.00	30.00	414090.3290	2447765.1837
Y1	12+25.00	40.00	414087.2508	2447755.6692
Y1	14+00.44	40.00	413920.3283	2447809.6738
Y1	12+25.00	-30.00	414108.7983	2447822.2704
Y1	12+25.00	-50.00	414114.9547	2447841.2992
Y1	14+58.89	-55.83	413883.6095	2447916.1465
Y1	16+04.68	59.59	413748.3932	2447793.1145
Y1	14+99.92	50.00	413833.8714	2447814.1786
Y1	15+30.00	-58.59	413800.8379	2447921.9050

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2_REV	13+39.78	47.63	411311.9125	2451133.5225
Y2_REV	12+42.84	50.00	411367.8703	2451187.2219
Y2_REV	12+00.00	50.00	411403.2046	2451211.4458
Y2_REV	12+00.00	31.75	411392.8844	2451226.4994
Y2_REV	20+50.00	29.95	410812.9601	2450685.4332
Y2_REV	20+31.25	-45.00	410761.9581	2450743.4177
Y2_REV	20+31.25	-30.04	410774.3373	2450735.0096
Y2_REV	18+62.81	-65.11	410851.2553	2450903.8669
Y2_REV	18+45.40	-60.16	410871.0488	2450914.2037

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	19+29.75	30.00	399462.8613	2460763.4631
Y3	19+25.06	-30.00	399416.3347	2460801.6375

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	18+03.38	35.00	395246.7119	2462280.5146
Y4	13+73.14	-38.00	395212.4485	2462715.5549
Y4	10+99.01	-30.00	395244.9116	2462987.8719
Y4	11+25.00	-38.00	395234.6215	2462962.7029
Y4	15+85.93	35.00	395266.1426	2462497.0964
Y4	15+85.93	30.00	395261.1622	2462497.5380
Y4	14+38.16	35.00	395279.3469	2462644.2766
Y4	14+38.15	30.00	395274.3678	2462644.7330
Y4	13+73.57	-30.00	395220.3781	2462714.4124
Y4	14+85.35	35.00	395275.1298	2462597.2709
Y4	14+85.35	30.00	395270.1463	2462597.7145

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	13+25.00	-45.00	405022.8418	2454321.5796
Y6	15+00.00	-30.00	404944.8720	2454164.1930
Y6	16+50.00	30.00	404918.3419	2454004.8320
Y6	13+50.00	50.00	405091.0863	2454250.9206
Y6	11+07.77	50.00	405216.7568	2454458.0004

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L1	61+25.00	40.00	395445.8950	2462144.7231
L1	61+25.00	30.00	395447.3738	2462154.6097
L1	63+00.00	45.00	395272.0817	2462165.6705
L1	14+00.00	30.00	399663.1207	2460357.9965
L1	14+00.00	40.00	399654.4990	2460352.9304
L1	14+65.38	45.00	399617.0647	2460406.7688
L1	23+25.00	40.00	398955.9716	2460878.5388
L1	23+25.00	30.00	398959.7692	2460887.7896
L1	20+69.57	45.00	399190.3667	2460776.9118
L1	13+50.00	-30.00	399740.1817	2460345.2842
L1	14+00.00	-45.00	399727.7840	2460395.9921
L1	14+65.38	-45.00	399694.6605	2460452.3635
L1	18+04.87	-45.00	399462.9072	2460719.8926
L1	23+25.00	-50.00	398990.1499	2460961.7965
L1	23+25.00	-30.00	398982.5548	2460943.2948
L1	20+69.57	-50.00	399226.4438	2460864.7949
L1	19+14.66	-50.00	399371.6062	2460790.5332
L1	71+99.97	45.00	394382.0191	2462298.8442
L1	72+00.00	30.00	394384.2094	2462313.6835

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base Map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 18th day of August, 2021.

DocuSigned by:

2E405F2B0130448
Professional Land Surveyor

L-4192
PLS #

Seal

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

RIGHT OF WAY CONTROL SHEET

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	19+25.06	-30.00	399416.33468	2460801.63745
Y3	19+29.75	30.00	399462.86127	2460763.46308

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+99.01	-30.00	395244.91163	2462987.87192
Y4	11+25.00	-38.00	395234.62146	2462962.70288
Y4	13+73.14	-38.00	395212.44850	2462715.55493
Y4	13+73.57	-30.00	395220.37812	2462714.41238
Y4	14+38.15	30.00	395274.36780	2462644.73297
Y4	14+38.16	35.00	395279.34694	2462644.27664
Y4	14+85.35	35.00	395275.12980	2462597.27086
Y4	14+85.35	30.00	395270.14635	2462597.71446
Y4	15+85.93	35.00	395266.14262	2462497.09642
Y4	15+85.93	30.00	395261.16215	2462497.53796
Y4	18+03.38	35.00	395246.71192	2462280.51463

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y6	11+07.77	50.00	405216.75678	2454458.00036
Y6	13+25.00	-45.00	405022.84183	2454321.57956
Y6	13+50.00	50.00	405091.08628	2454250.92056
Y6	15+00.00	-30.00	404944.87202	2454164.19303
Y6	16+50.00	30.00	404918.34195	2454004.83197

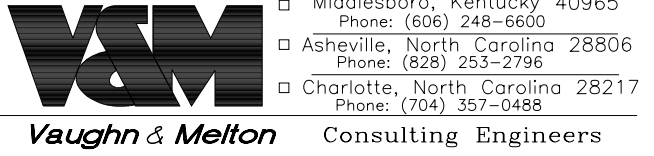
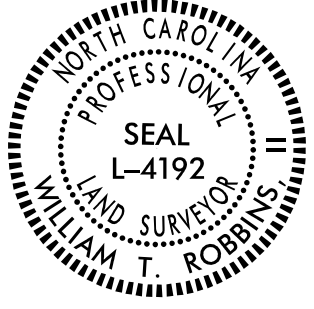
NOTES:

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.

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW03E-3
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina 28562 Phone: (252) 631-5115 □ Middlesboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 252-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
	
	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	18+67.81	-30.00	399449.0877	2460848.5915

ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+99.03	-72.00	395203.0785	2462991.6121
Y4	11+08.00	-71.25	395203.0235	2462982.6060
Y4	11+08.00	-32.77	395241.3528	2462979.1673
Y4	14+38.27	63.37	395307.5915	2462641.6241
Y4	14+85.33	62.86	395302.8766	2462594.8010
Y4	15+85.90	61.76	395292.8001	2462494.7332

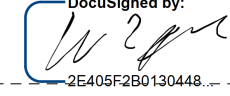
ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	11+75.00	-30.18	407278.8041	2452683.7423
Y5	11+75.00	-50.00	407289.3121	2452700.5497
Y5	11+85.00	30.21	407238.3786	2452637.7958
Y5	11+85.00	60.00	407222.6508	2452612.4916
Y5	12+15.00	-50.00	407254.2281	2452722.0162
Y5	12+15.00	-29.10	407243.5515	2452704.0470
Y5	12+25.00	60.00	407189.7708	2452632.3253
Y5	12+25.00	30.68	407204.5777	2452657.6287

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 18th day of August, 2021.

DocuSigned by:

 2E405F250130448
 Professional Land Surveyor

L-4192
 PLS #

Seal

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW03E-3

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	50+50.00	-30.00	416313.03133	2442485.49597
L	50+80.00	-39.00	416290.22604	2442506.96499
L	52+00.00	-45.00	416185.58521	2442566.00985
L	53+65.00	-30.00	416031.30383	2442626.40237
L	85+00.00	30.00	413928.76479	2444754.07401
L	85+39.08	-30.00	413974.37194	2444809.26632
L	85+90.00	45.00	413888.71614	2444839.49305
L	86+00.00	-40.00	413969.13554	2444868.78440
L	86+65.01	-30.00	413947.04597	2444928.47774
L	87+00.00	45.00	413867.63704	2444952.13167
L	87+73.17	30.00	413875.06858	2445028.97426
L	109+33.11	-40.00	413805.34886	2447188.92785
L	109+89.73	-74.40	413836.01851	2447247.64815
L	109+90.45	-57.50	413819.10716	2447247.27686
L	109+98.50	-75.75	413836.79902	2447256.48647
L	110+01.00	-58.25	413819.17405	2447257.85041
L	111+03.10	-56.96	413811.29000	2447359.65372
L	113+45.00	-71.50	413792.09471	2447612.95892
L	113+45.77	-57.47	413778.29347	2447610.29629
L	113+50.00	60.00	413663.48473	2447585.08585
L	113+50.00	40.00	413682.84158	2447590.11699
L	113+90.00	60.00	413653.29739	2447621.14769
L	113+90.00	40.00	413672.42552	2447626.98843
L	116+37.25	48.50	413567.52972	2447837.53654
L	116+37.25	40.00	413574.74765	2447842.02558
L	116+62.25	51.50	413552.23175	2447855.86509
L	116+74.75	63.00	413536.14292	2447859.24039
L	116+91.50	64.50	413526.02568	2447871.24405
L	116+95.42	-98.37	413656.70240	2447968.53729
L	117+09.00	79.75	413504.20656	2447875.48826
L	117+16.16	61.00	413515.36064	2447891.95211
L	117+18.55	79.75	413499.00334	2447882.52259
L	118+45.61	60.82	413435.69058	2447986.41992
L	118+60.45	38.50	413442.30733	2448012.38857
L	118+65.84	138.00	413364.86992	2447949.68258
L	118+85.18	133.00	413355.61346	2447967.38311
L	119+38.00	-68.00	413469.32820	2448141.33687
L	119+45.50	-95.50	413484.70289	2448165.33935
L	119+50.26	-72.84	413464.69900	2448153.68194
L	119+51.97	-64.66	413457.48510	2448149.46364
L	119+54.97	-70.38	413459.71506	2448155.52252
L	119+55.00	-93.00	413476.47857	2448170.71155
L	119+87.98	-50.00	413422.46037	2448166.35346
L	120+20.72	54.83	413322.73441	2448120.35632
L	120+21.00	60.00	413318.71134	2448117.09719
L	120+29.19	43.39	413325.54454	2448134.30799
L	121+56.00	80.00	413213.35901	2448203.84906
L	121+60.00	55.00	413229.22551	2448223.57858
L	121+66.00	82.00	413205.17042	2448209.92747
L	121+72.09	49.65	413225.08840	2448236.13888

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	122+96.33	50.45	413141.19191	2448327.77653
L	122+96.47	45.39	413144.85730	2448331.27193
L	123+37.00	-71.60	413204.78370	2448439.47737
L	123+41.50	-50.38	413186.09407	2448428.56251
L	123+48.00	-68.75	413195.80005	2448445.33332
L	124+85.50	54.50	413014.84760	2448477.71181
L	124+85.50	77.00	412996.29680	2448464.97926
L	124+95.25	77.00	412990.45097	2448473.57317
L	124+95.25	49.50	413013.25348	2448488.94508
L	125+50.23	55.00	412977.64525	2448534.35431
L	125+52.40	43.07	412986.67424	2448542.46825
L	125+52.97	40.00	412989.00057	2448544.55882
L	125+96.02	55.00	412953.55872	2448575.80707
L	125+99.35	40.00	412965.00868	2448586.09662
L	149+90.00	-30.00	411872.04987	2450688.86370
L	149+90.00	-69.00	411897.49455	2450718.41989
L	149+91.21	46.57	411821.19398	2450631.60388
L	149+92.97	30.00	411830.68579	2450645.29924
L	150+02.50	-68.50	411887.30573	2450726.47221
L	150+02.50	-30.00	411862.39031	2450697.12137
L	155+16.73	79.82	411397.31060	2450918.23924
L	155+17.50	-107.00	411488.22384	2451081.44715
L	155+27.00	-109.00	411480.15705	2451088.22892
L	155+27.50	-49.00	411450.71422	2451035.94696
L	155+37.50	-49.00	411441.58169	2451040.93222
L	159+20.68	-60.00	411075.13944	2451186.54039
L	159+20.68	-45.00	411071.18119	2451172.07207
L	159+49.50	-45.00	411043.38212	2451179.67735
L	159+49.50	-60.00	411047.34037	2451194.14567
L	159+49.50	-93.00	411056.04851	2451225.97597
L	159+62.50	-60.00	411034.80116	2451197.57615
L	159+62.50	-45.00	411030.84291	2451183.10783
L	159+62.50	-93.00	411043.50930	2451229.40645
L	160+34.90	60.51	410933.16188	2451100.44189
L	163+55.00	65.00	410623.22806	2451180.58093
L	165+93.16	46.21	410398.46696	2451261.54763
L	165+96.81	30.00	410399.22969	2451278.14862
L	171+84.37	65.00	409821.99117	2451400.29100
L	171+84.37	30.00	409831.97898	2451433.83564
L	172+04.65	30.00	409812.26725	2451439.81967
L	172+05.35	65.00	409801.22080	2451406.60064
L	172+07.41	173.81	409766.88095	2451303.33336
L	172+24.34	30.00	409793.18959	2451445.83150
L	172+25.73	173.54	409747.89253	2451309.61358
L	172+93.00	40.00	409723.77679	2451458.93269
L	172+93.00	30.00	409727.17454	2451468.33787

NOTES:

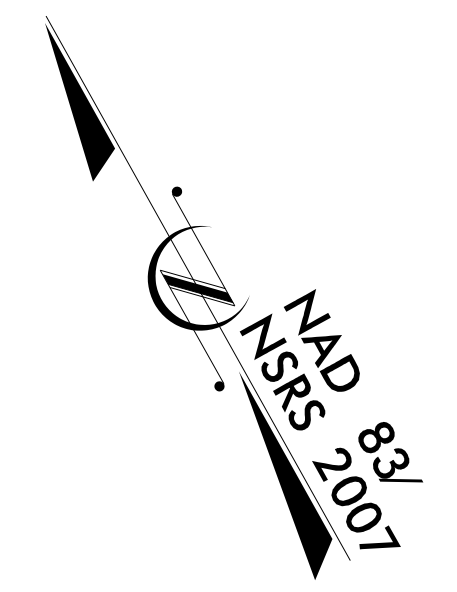
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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

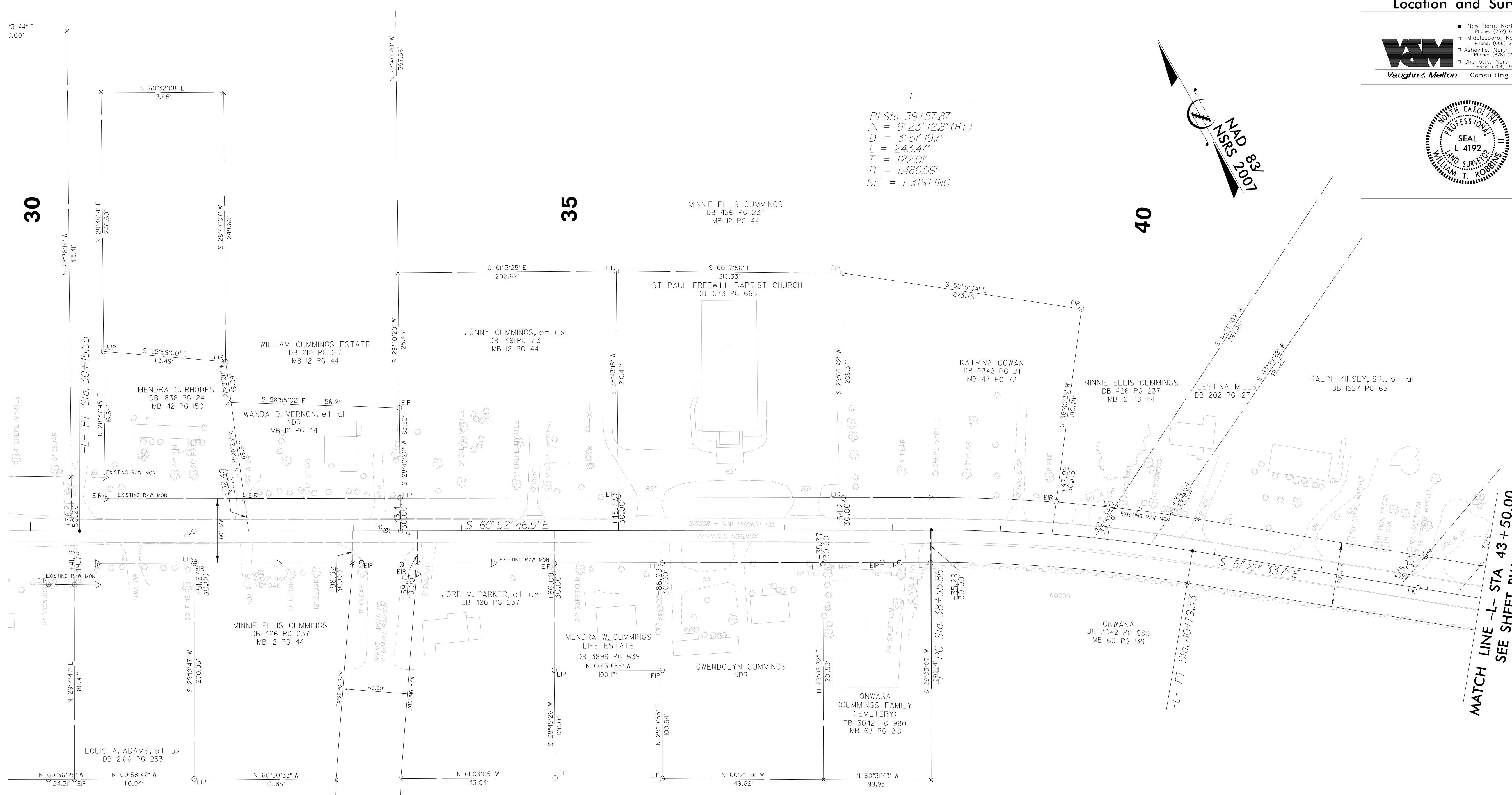


-L-

PI Sta 39+57.87
 $\Delta = 9' 23'' 12.8''$ (RT)
 $D = 3' 51'' 19.7''$
 $L = 243.47'$
 $T = 122.01'$
 $R = 1,486.09'$
 SE = EXISTING



REVISIONS



MATCH LINE -L- STA 43 + 50.00
 SEE SHEET RW05

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.


 2405220130448
 Professional Land Surveyor

L-4192
 PLS # Seal

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.

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW03E-4

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	173+07.71	40.06	409709.65141	2451464.03569
L	173+08.00	30.00	409712.86439	2451473.57168
L	199+02.27	-50.92	407674.76880	2453057.48746
L	199+09.56	-57.65	407672.25521	2453067.16640
L	199+21.14	-30.00	407647.35997	2453050.36946
L	199+34.62	-30.00	407635.93406	2453057.73389
L	199+65.95	30.00	407577.30263	2453023.90411
L	200+07.86	71.26	407520.23246	2453010.79826
L	200+14.64	64.40	407518.07337	2453020.20012
L	200+34.97	85.58	407489.65345	2453012.86690
L	200+45.00	30.00	407510.32769	2453065.42073
L	200+45.00	75.00	407486.67513	2453027.13814
L	200+75.00	-65.00	407534.73912	2453162.00790
L	200+75.00	-30.00	407516.34269	2453132.23256
L	200+80.00	75.00	407456.89978	2453045.53456
L	200+80.00	30.00	407480.55234	2453083.81716
L	201+10.81	-30.00	407485.87614	2453151.05604
L	201+24.98	-65.00	407492.22412	2453188.27540
L	266+97.19	29.55	401910.59247	2456586.17287
L	267+47.50	50.00	401867.66892	2456622.53656
L	268+00.00	50.00	401844.03476	2456672.48931
L	268+46.43	29.47	401844.64276	2456725.02769
L	274+54.05	-30.00	401810.46203	2457338.38717
L	274+58.58	-88.38	401867.49829	2457351.74038
L	277+17.50	-79.50	401781.51111	2457618.36680
L	277+20.00	-58.25	401760.96966	2457612.30401
L	277+27.00	-80.75	401778.50901	2457628.26374
L	277+34.25	-30.00	401729.10565	2457614.35604

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
L1	11+47.00	-30.00	399843.02321	2460170.26236
L1	11+53.00	-71.00	399875.33279	2460196.20636
L1	11+61.00	-53.85	399856.49360	2460194.41543
L1	11+63.50	-69.50	399868.72014	2460204.49929
L1	14+47.46	-68.05	399723.61139	2460448.59045
L1	14+49.91	-89.75	399741.08208	2460461.69310
L1	14+56.00	-62.76	399714.72993	2460453.27355
L1	14+59.50	-88.50	399735.14544	2460469.32905
L1	15+89.00	-65.00	399637.52481	2460571.74383
L1	17+69.53	-64.92	399504.42558	2460711.28816
L1	17+70.24	-92.00	399521.53643	2460732.29136
L1	17+79.50	-92.50	399514.11607	2460739.28290
L1	17+79.50	-65.00	399496.36629	2460718.27825
L1	18+21.28	-67.12	399462.87752	2460748.03501
L1	19+05.20	-80.35	399396.33056	2460810.83794
L1	19+05.20	-115.25	399415.05704	2460840.28839
L1	19+05.20	-69.50	399390.50633	2460801.67840
L1	19+11.58	-115.50	399409.12887	2460844.32503
L1	19+13.25	-79.00	399388.22006	2460814.35055

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
L1	20+25.07	-56.21	399272.01791	2460851.57978
L1	20+76.23	-60.00	399224.08059	2460876.57482
L1	21+29.76	-78.00	399181.39632	2460913.55491
L1	21+30.56	-106.00	399191.28869	2460939.76144
L1	21+40.50	-106.00	399182.09471	2460943.53569
L1	21+40.50	-78.00	399171.46146	2460917.63329
L1	22+84.89	-60.00	399031.05151	2460955.81568
L1	23+25.00	-55.00	398992.04874	2460966.42189
L1	23+30.00	89.50	398932.54812	2460834.64585
L1	23+31.00	40.25	398950.32617	2460880.58606
L1	23+40.25	89.50	398923.06599	2460838.53838
L1	23+42.50	30.00	398943.58022	2460894.43542
L1	58+60.00	30.00	395709.45737	2462115.39602
L1	58+60.00	80.74	395701.94872	2462065.21217
L1	59+00.00	30.00	395669.89773	2462121.31505
L1	59+00.00	80.74	395662.38908	2462071.13120
L1	63+16.50	-40.71	395268.44617	2462252.87735
L1	66+38.26	45.00	394937.54691	2462215.72453
L1	66+40.25	62.50	394932.98943	2462198.71163
L1	66+53.00	59.00	394920.89621	2462204.06001
L1	66+53.00	45.00	394922.96787	2462217.90588
L1	77+00.00	-40.00	393903.54365	2462459.37922
L1	77+00.00	-30.20	393901.37420	2462449.82730
L1	78+25.94	-40.00	393786.98964	2462492.96806
L1	78+25.94	-29.18	393783.40944	2462482.75329
L1	78+31.21	30.83	393758.41506	2462427.95088
L1	81+25.00	-45.00	393528.54723	2462626.57763
L1	81+25.00	-30.00	393521.08416	2462613.56600
L1	81+55.00	-30.00	393495.06090	2462628.49215
L1	81+55.00	-45.00	393502.52398	2462641.50378


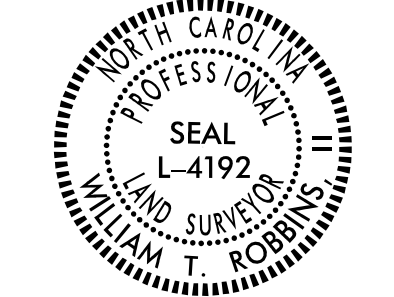
PERMANENT EASEMENT MARKER-E

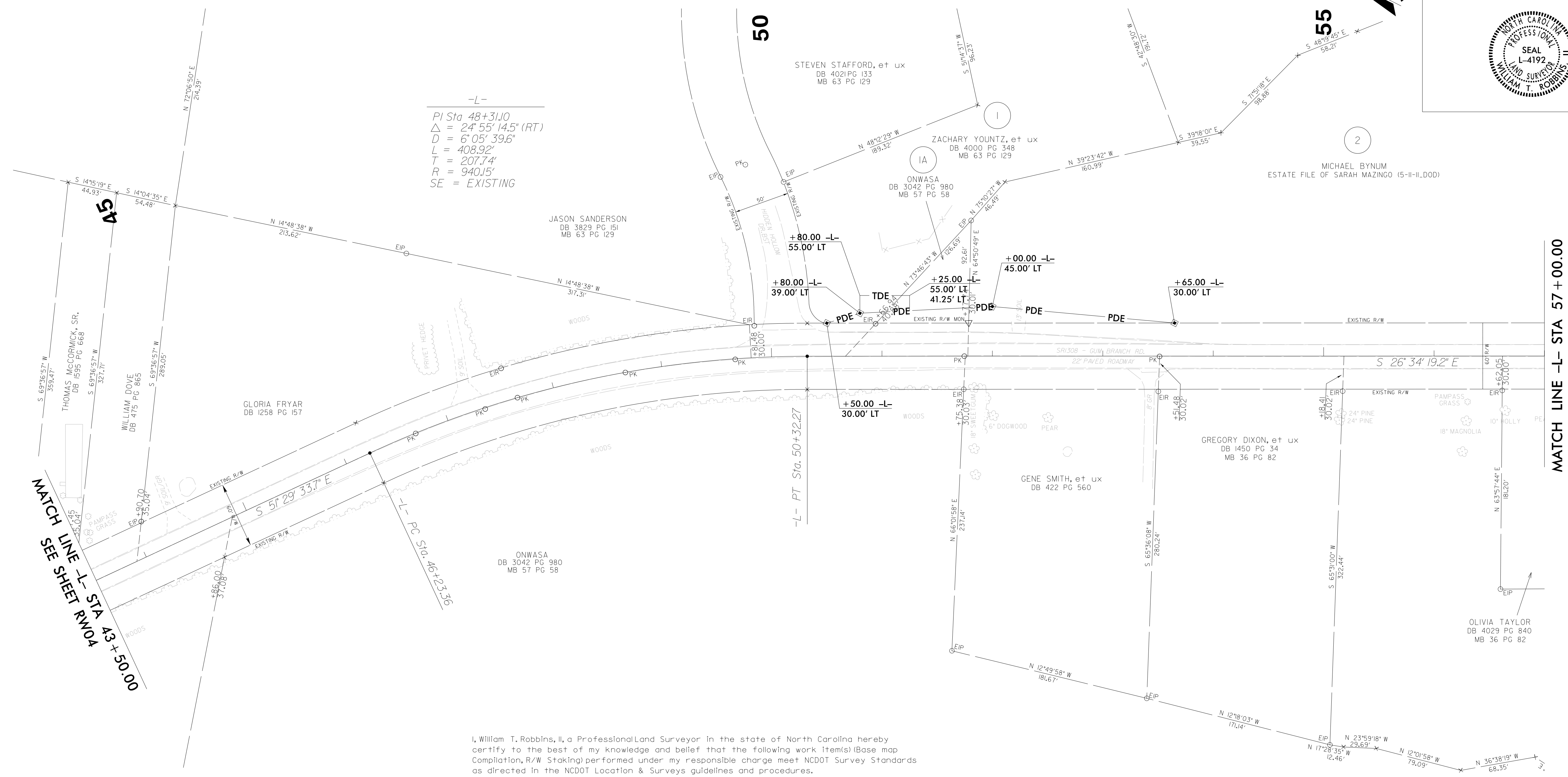
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+35.00	38.75	414268.40998	2447698.37249
Y1	10+35.00	30.00	414271.10342	2447706.69766
Y1	10+46.80	-30.00	414278.34567	2447767.41660
Y1	10+49.30	-62.50	414285.97124	2447799.10805
Y1	10+56.80	-30.00	414268.83122	2447770.49481
Y1	10+59.30	-62.00	414276.30289	2447801.71055
Y1	14+77.48	85.00	413849.96557	2447778.29118
Y1	14+81.75	98.50	413845.77850	2447765.08394
Y1	15+35.92	83.82	413806.09088	2447779.48543
Y1	15+41.37	72.00	413800.80279	2447790.85883
Y1	15+53.10	58.32	413789.76171	2447803.31535
Y1	15+54.28	103.00	413795.01435	2447758.93642
Y1	15+65.56	97.00	413786.21581	2447763.62435

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.

PROJECT REFERENCE NO. U-4906	SHEET NO. RW05
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
	



-L-

PI Sta 48+31.0
 $\Delta = 24^{\circ} 55' 14.5''$ (RT)
 $D = 6' 05'' 39.6''$
 $L = 408.92'$
 $T = 207.74'$
 $R = 940.15'$
 SE = EXISTING

MATCH LINE -L- STA 43+50.00
 SEE SHEET RW04

MATCH LINE -L- STA 57+00.00
 SEE SHEET RW06

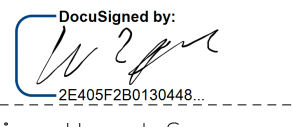
REVISIONS

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.


I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

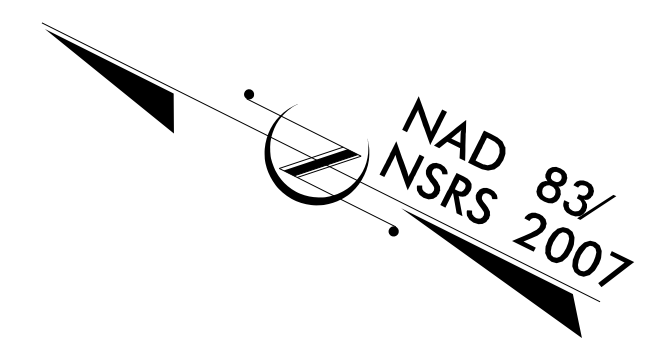
Witness my original signature, registration number and seal this 17th day of August, 2021.


 Professional Land Surveyor L-4192 PLS * Seal

NOTES:

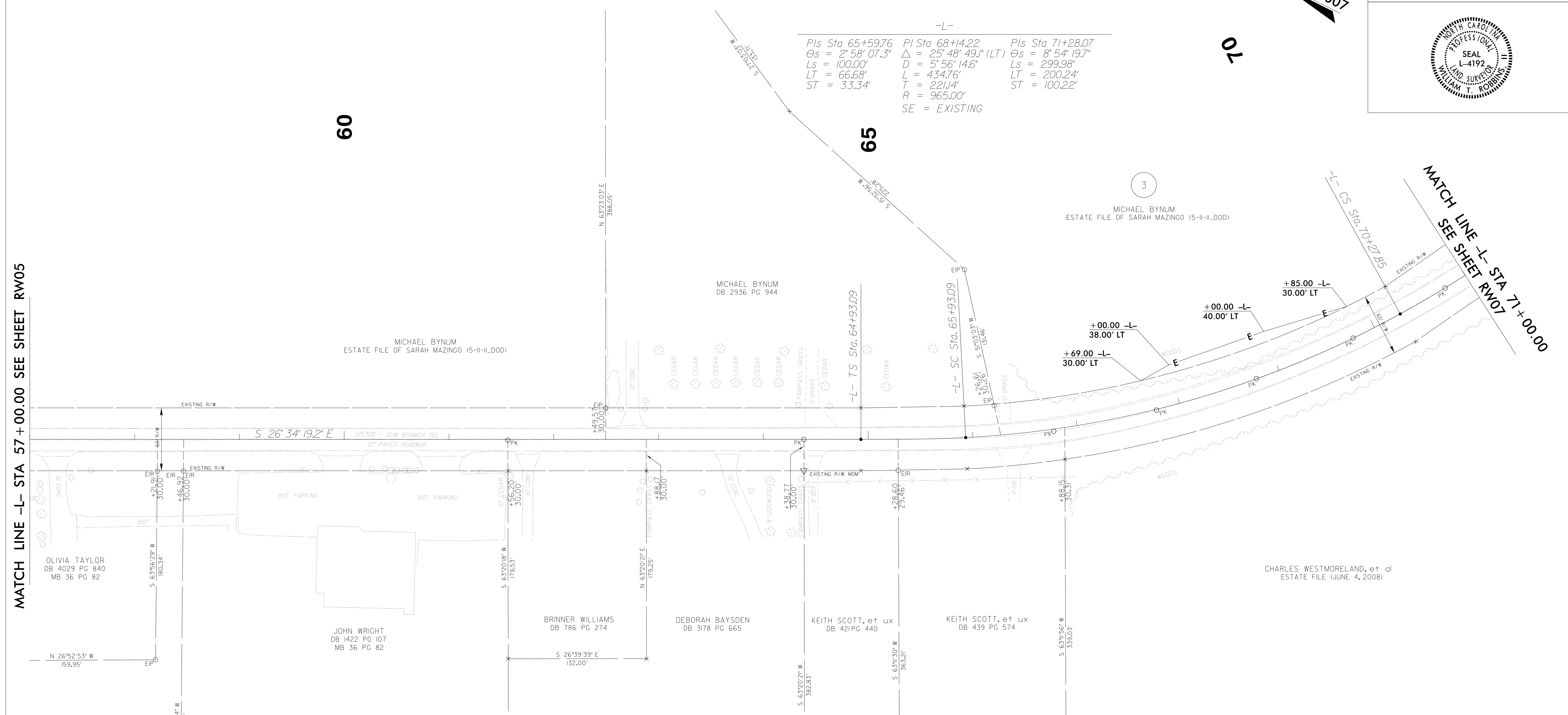
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW06
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middlesboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



-L-

Pls Sta 65+59.76	Pl Sta 68+14.22	Pls Sta 71+28.07
$\Theta_s = 2^\circ 58' 07.3"$	$\Delta = 25^\circ 48' 49.1" (LT)$	$\Theta_s = 8^\circ 54' 19.7"$
$L_s = 100.00'$	$D = 5^\circ 56' 14.6"$	$L_s = 299.98'$
$LT = 66.68'$	$L = 434.76'$	$LT = 200.24'$
$ST = 33.34'$	$T = 221.14'$	$ST = 100.22'$
	$R = 965.00'$	
	$SE = EXISTING$	



MATCH LINE -L- STA 57 + 00.00 SEE SHEET RW05

MATCH LINE -L- STA 71 + 00.00 SEE SHEET RW07

REVISIONS

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 25495F20013048
 Professional Land Surveyor

L-4192
 PLS #

Seal

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.

PERMANENT EASEMENT CONTROL SHEET

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2_REV	17+88.82	-121.70	410904.11326	2451006.79848
Y2_REV	18+04.22	-99.43	410894.52416	2450976.85280
Y2_REV	18+28.89	-158.35	410831.76485	2451007.21161
Y2_REV	18+40.07	-134.14	410831.59354	2450977.21215
Y2_REV	20+62.75	-30.05	410756.75988	2450710.02005
Y2_REV	21+10.50	-52.25	410711.34304	2450687.09499
Y2_REV	21+11.60	-44.80	410716.49741	2450681.61499
Y2_REV	21+20.85	-53.75	410704.00656	2450680.42464
Y2_REV	21+24.50	-30.03	410720.11210	2450662.65745

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y3	18+67.81	-30.00	399449.08766	2460848.59151

PERMANENT EASEMENT MARKER-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+99.03	-72.00	395203.07850	2462991.61206
Y4	11+08.00	-71.25	395203.02353	2462982.60598
Y4	11+08.00	-32.77	395241.35279	2462979.16725
Y4	14+38.27	63.37	395307.59146	2462641.62409
Y4	14+85.33	62.86	395302.87656	2462594.80101
Y4	15+85.90	61.76	395292.80012	2462494.73319


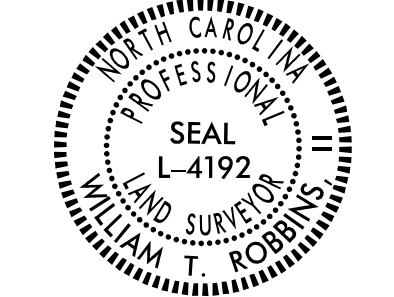
PERMANENT EASEMENT MARKER-E

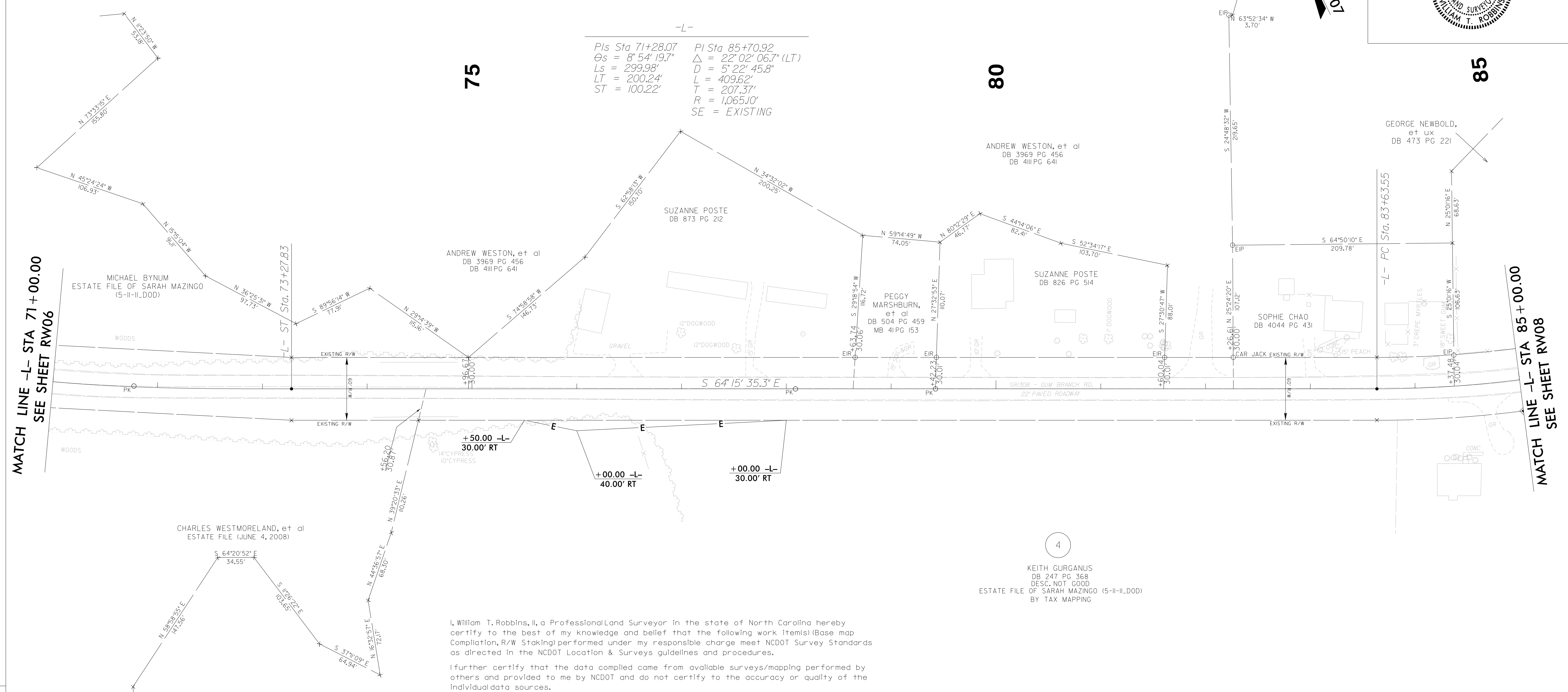
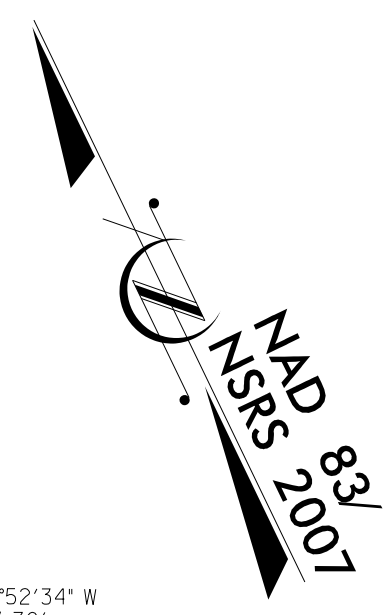
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	11+75.00	-50.00	407289.31208	2452700.54975
Y5	11+75.00	-30.18	407278.80414	2452683.74230
Y5	11+85.00	30.21	407238.37863	2452637.79580
Y5	11+85.00	60.00	407222.65080	2452612.49158
Y5	12+15.00	-50.00	407254.22813	2452722.01620
Y5	12+15.00	-29.10	407243.55154	2452704.04698
Y5	12+25.00	60.00	407189.77080	2452632.32534
Y5	12+25.00	30.68	407204.57773	2452657.62875

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.

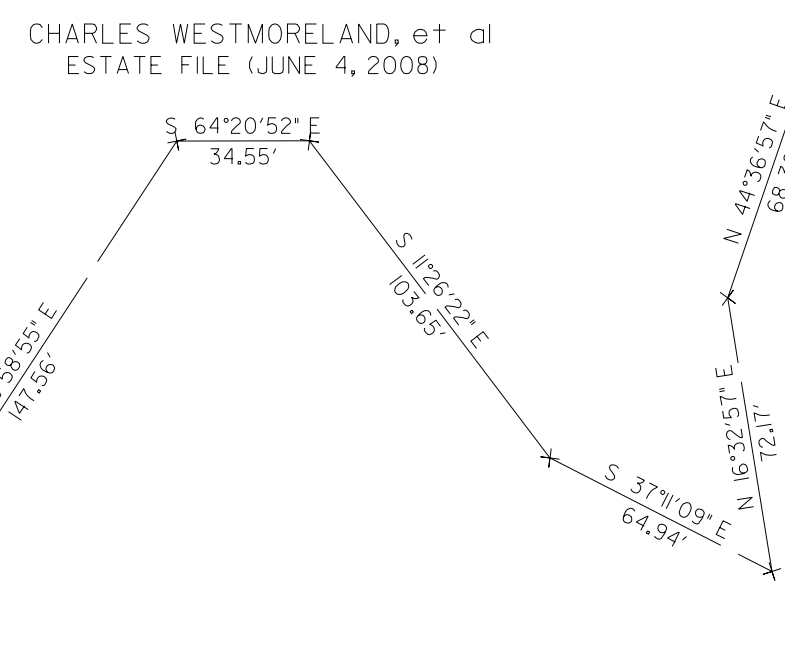
PROJECT REFERENCE NO. U-4906	SHEET NO. RW07
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
 SEAL L-4192 WILLIAM T. ROBBINS	



REVISIONS

MATCH LINE -L- STA 71+00.00
SEE SHEET RW06

MATCH LINE -L- STA 85+00.00
SEE SHEET RW08

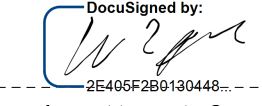


I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work (Item(s) Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

If further 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.

If further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. Also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).


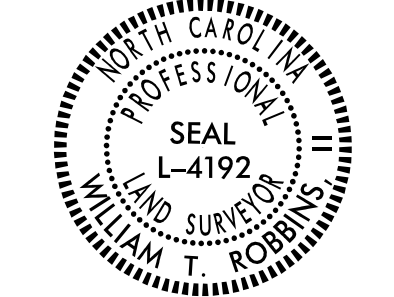
Witness my original signature, registration number and seal this 17th day of August, 2021.

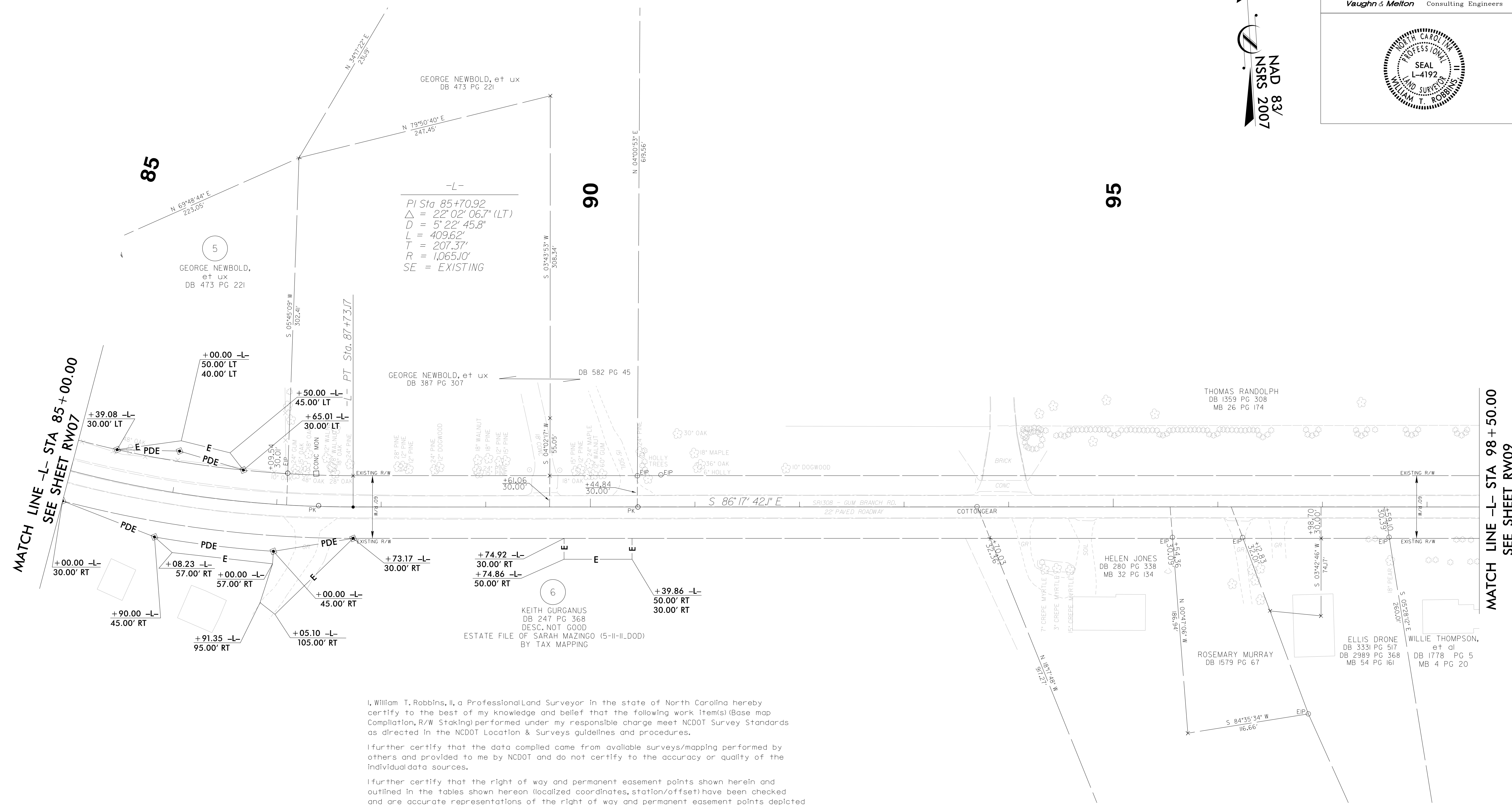

 Professional Land Surveyor
 L-4192
 PLS #

4
 KEITH GURGANUS
 DB 247 PG 368
 DESC. NOT GOOD
 ESTATE FILE OF SARAH MAZINGO (5-II-II.DOD)
 BY TAX MAPPING

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.

PROJECT REFERENCE NO. U-4906	SHEET NO. RW08
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
	



-L-

PI Sta 85+70.92
 $\Delta = 22^{\circ}02'06.7''$ (LT)
 $D = 5^{\circ}22'45.8''$
 $L = 409.62'$
 $T = 207.37'$
 $R = 1,065.10'$
 SE = EXISTING

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.


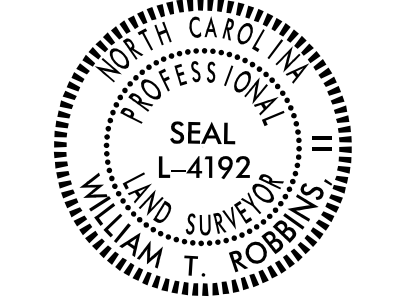
Designed by: 
 Professional Land Surveyor L-4192 PLS # Seal

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.

REVISIONS

6/2/2022 12:09:20 PM
 User: wtrobbins
 User: wtrobbins

PROJECT REFERENCE NO. U-4906	SHEET NO. RW09
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
 SEAL L-4192 WILLIAM ROBBINS	

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work items (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

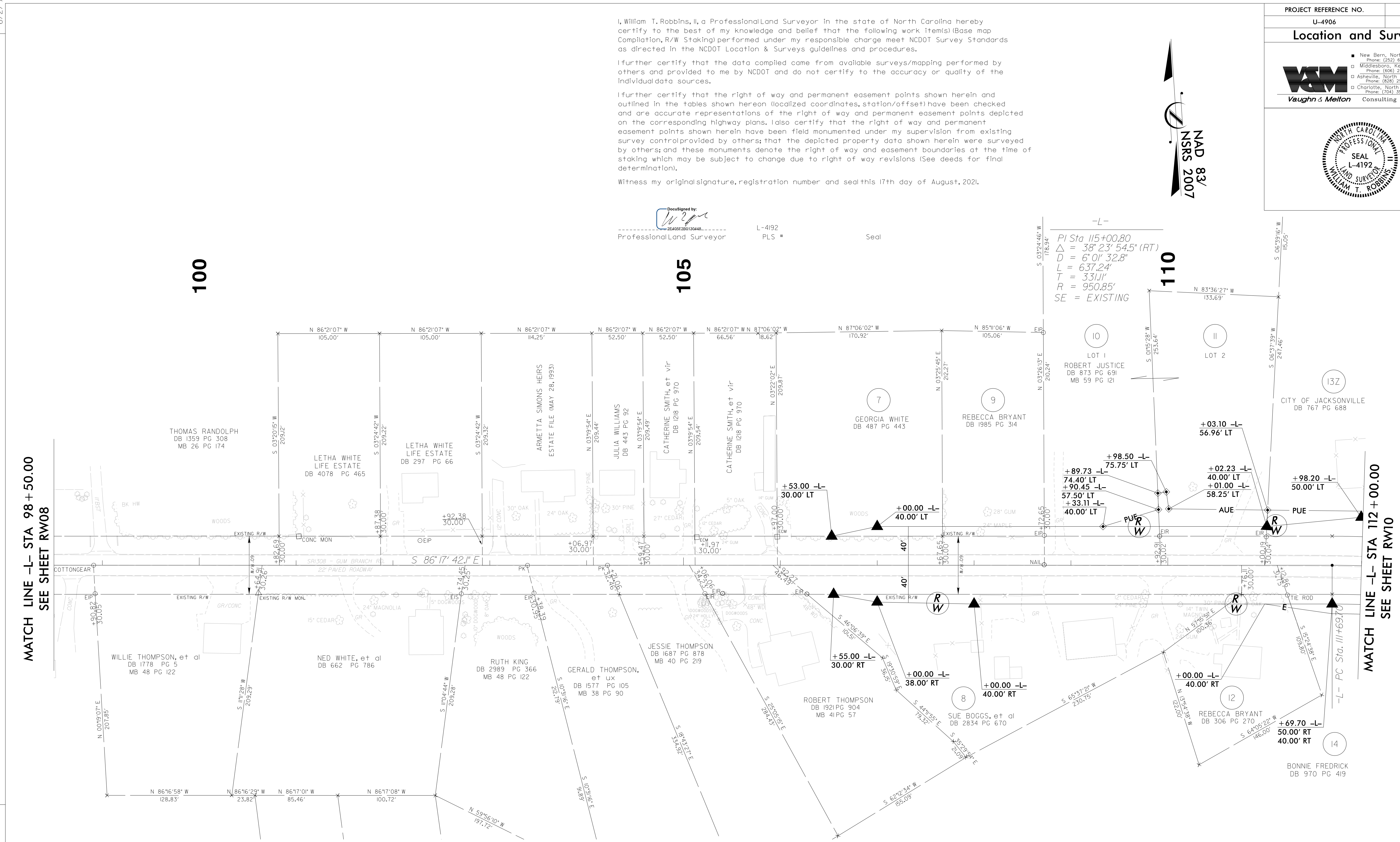
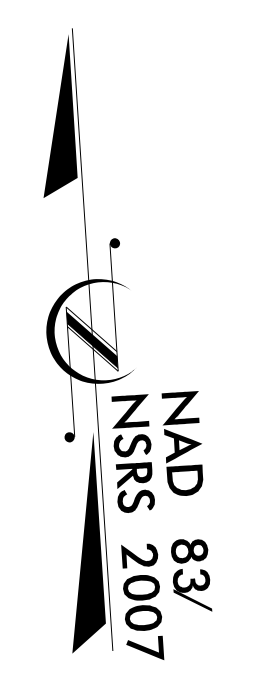
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. Also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:


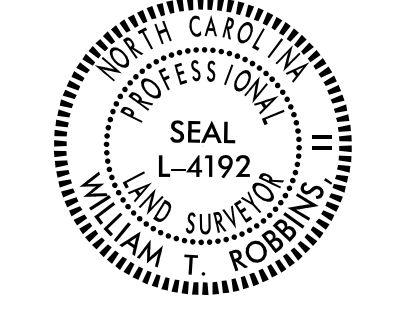
 2E405E280130448
 L-4192 PLS # Seal Professional Land Surveyor

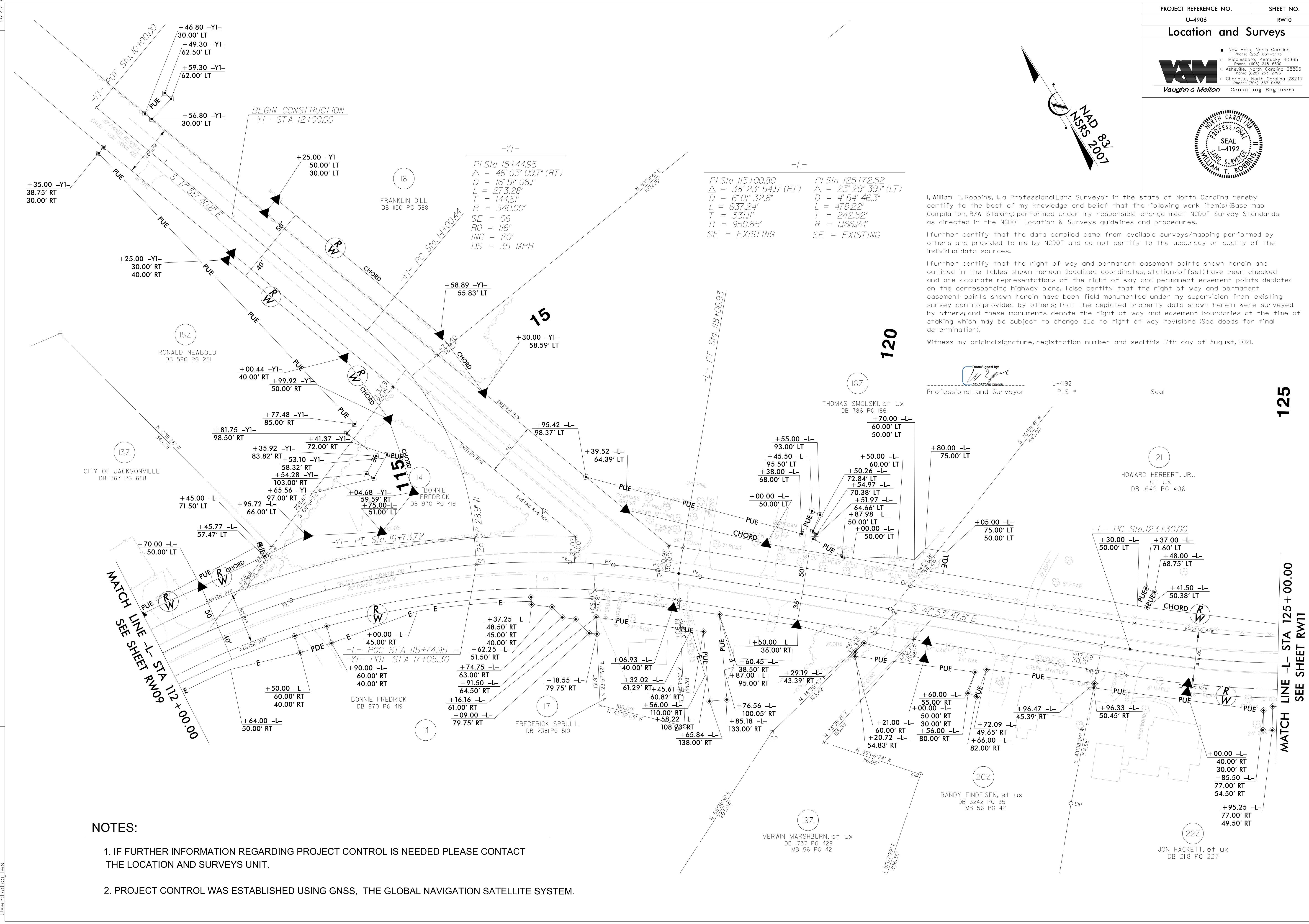
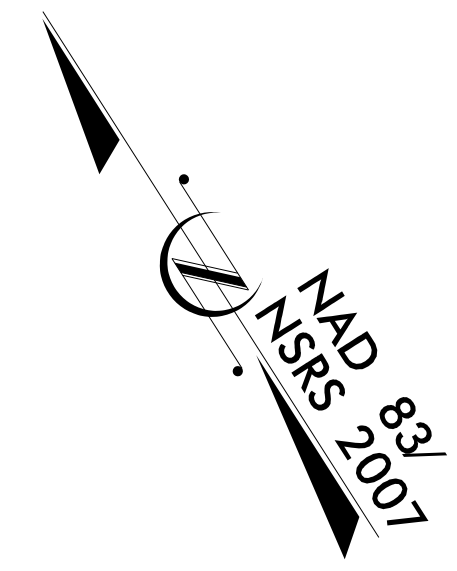


REVISIONS

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.

PROJECT REFERENCE NO. U-4906	SHEET NO. RW10
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
	

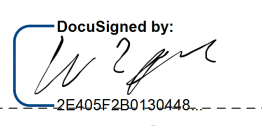


I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 2640F2B013104468
 Professional Land Surveyor L-4192 PLS # Seal

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.


REVISIONS

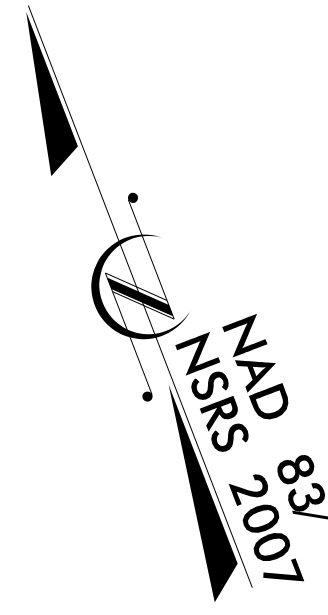
125

MATCH LINE -L- STA 125+00.00
SEE SHEET RW11

MATCH LINE -L- STA 112+00.00
SEE SHEET RW09

6/2/2022 10:15:34 PM
 User: jbaboules
 User: jbaboules

PROJECT REFERENCE NO. U-4906	SHEET NO. RW11
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	

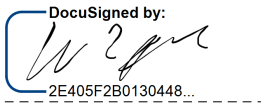


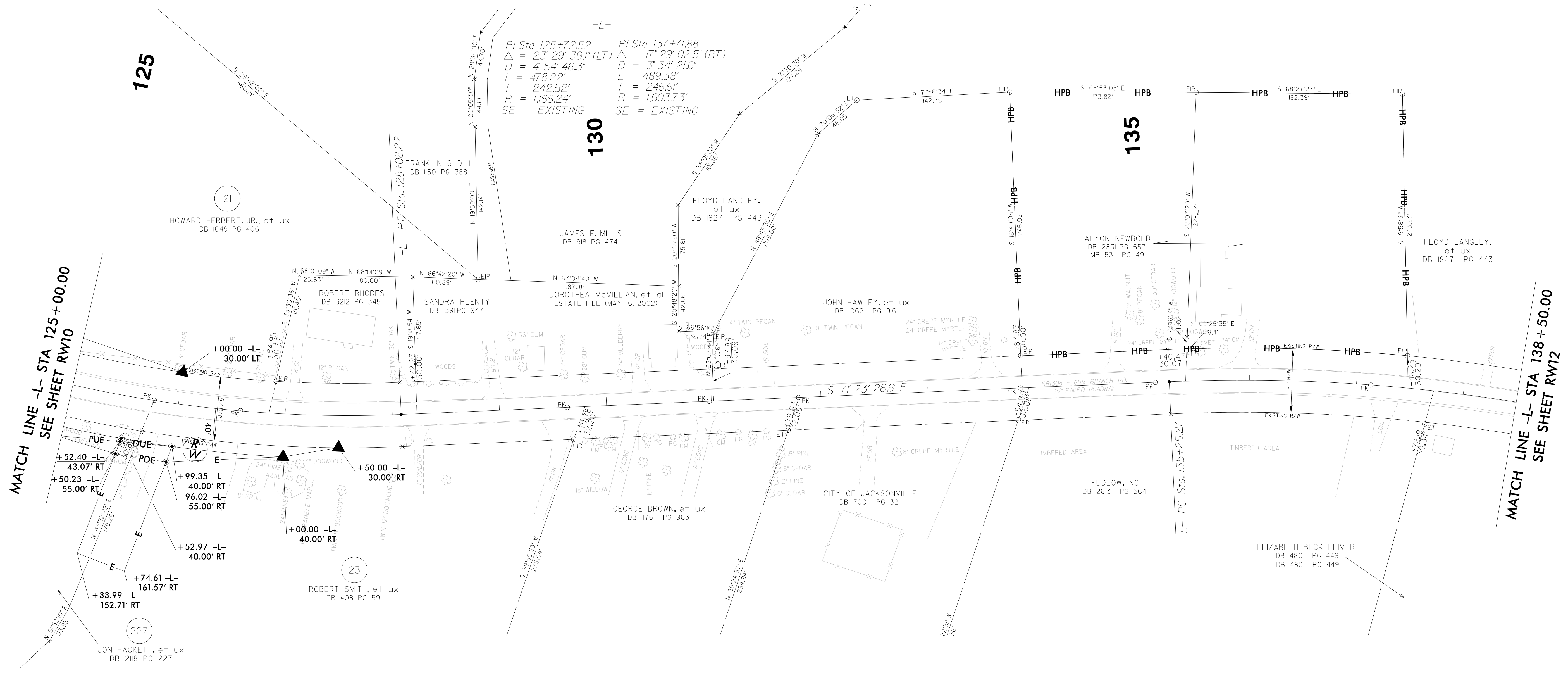
I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work items (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2007.


 Professional Land Surveyor L-4192 Seal
 PLS

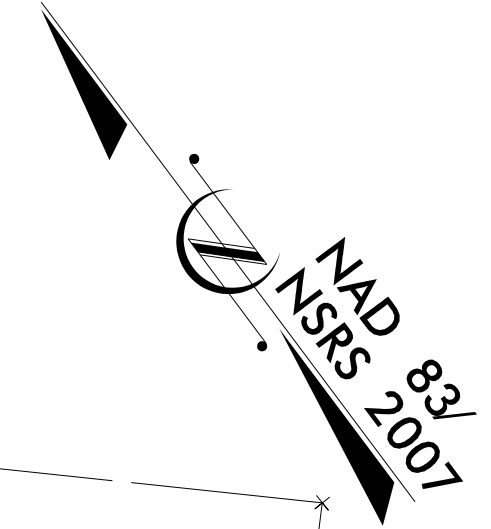


REVISIONS

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.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW12
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
Vaughn & Melton Consulting Engineers	



140

145

150

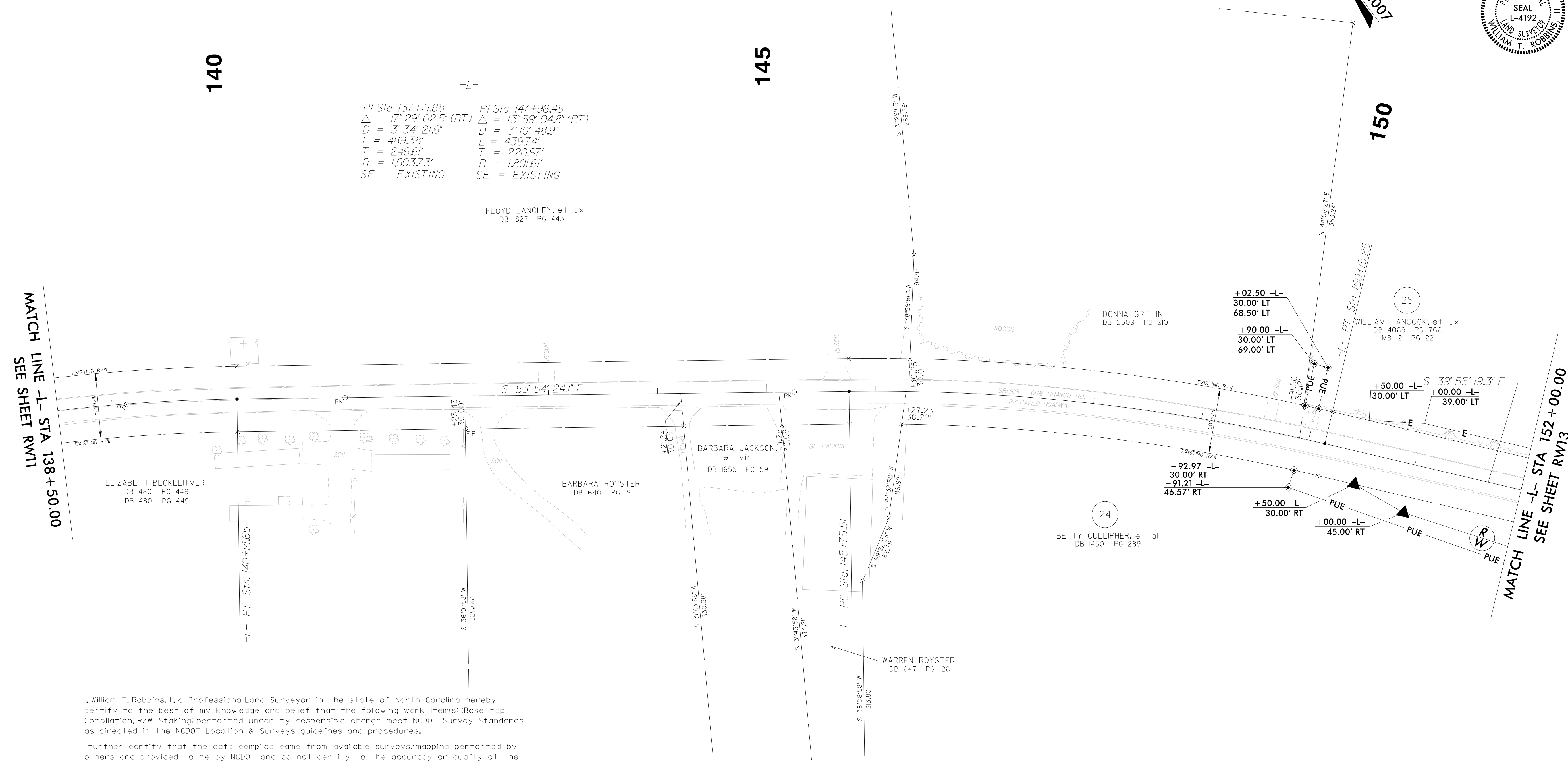
-L-

PI Sta 137+71.88	PI Sta 147+96.48
$\Delta = 17^{\circ} 29' 02.5''$ (RT)	$\Delta = 13^{\circ} 59' 04.8''$ (RT)
D = 3' 34' 21.6"	D = 3' 10' 48.9"
L = 489.38'	L = 439.74'
T = 246.61'	T = 220.97'
R = 1,603.73'	R = 1,801.61'
SE = EXISTING	SE = EXISTING

FLOYD LANGLEY, et ux
DB 1827 PG 443

MATCH LINE -L- STA 138 + 50.00
SEE SHEET RW11

MATCH LINE -L- STA 152 + 00.00
SEE SHEET RW13



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base Map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

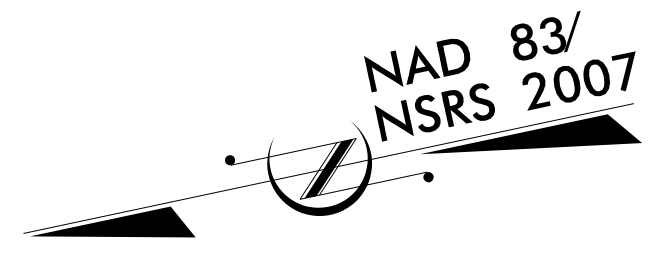
 25405F2B0130448
 Professional Land Surveyor L-4192 PLS # Seal

NOTES:

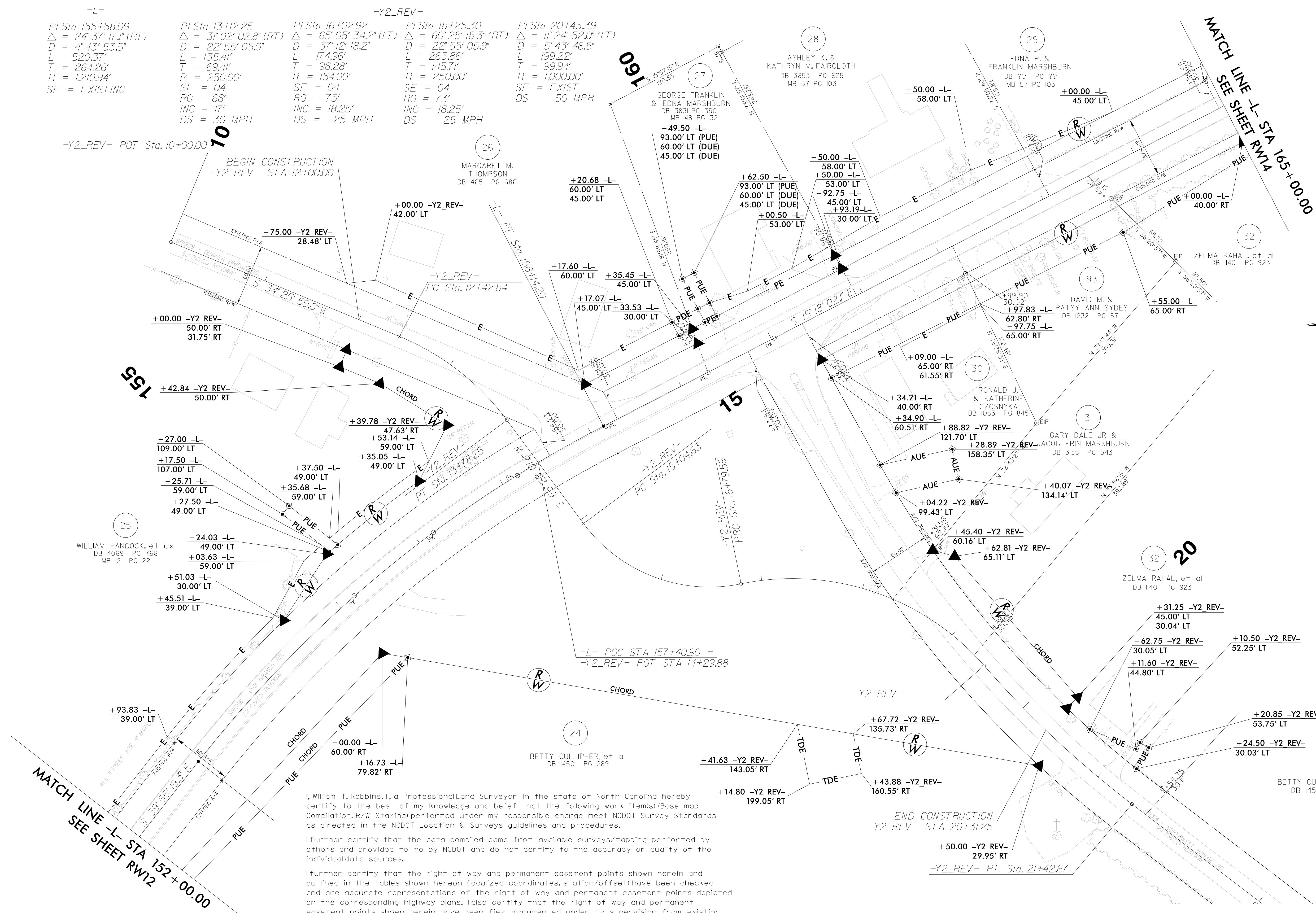
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

6/2/2021 12:18:17 PM
User: wtrobbins
User: wtrobbins



-L-	-Y2_REV-			
PI Sta 155+58.09 Δ = 24° 37' 17.1" (RT) D = 4' 43" 53.5" L = 520.37' T = 264.26' R = 1,210.94' SE = EXISTING	PI Sta 13+12.25 Δ = 31° 02' 02.8" (RT) D = 22° 55' 05.9" L = 135.41' T = 69.41' R = 250.00' SE = 04 RO = 68' INC = 17' DS = 30 MPH	PI Sta 16+02.92 Δ = 65° 05' 34.2" (LT) D = 37° 12' 18.2" L = 174.96' T = 98.28' R = 154.00' SE = 04 RO = 73' INC = 18.25' DS = 25 MPH	PI Sta 18+25.30 Δ = 60° 28' 18.3" (RT) D = 22° 55' 05.9" L = 263.86' T = 145.71' R = 250.00' SE = 04 RO = 73' INC = 18.25' DS = 25 MPH	PI Sta 20+43.39 Δ = 11° 24' 52.0" (LT) D = 5' 43' 46.5" L = 199.22' T = 99.94' R = 1,000.00' SE = EXIST DS = 50 MPH



REVISIONS

I, William T. Robbins, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work (item) (Base map Completion, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

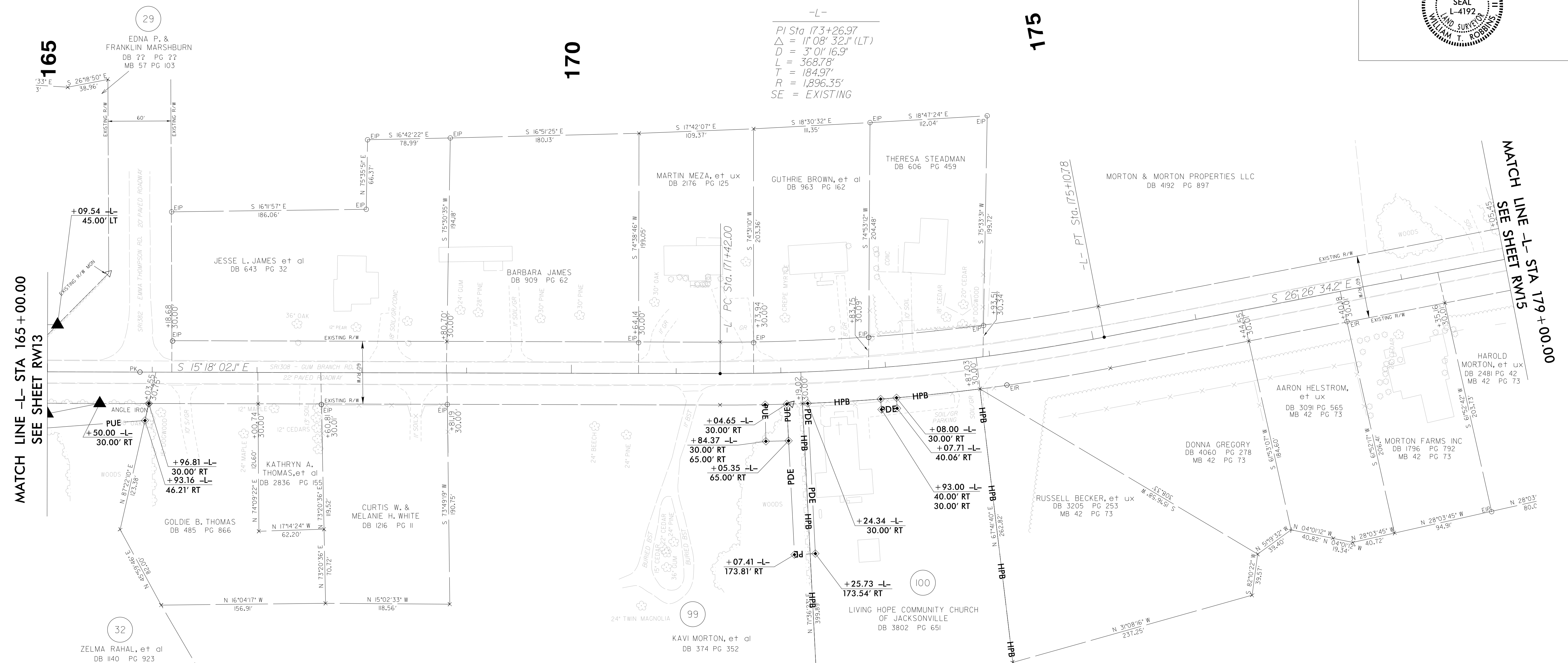
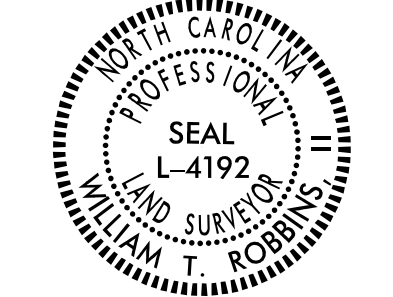
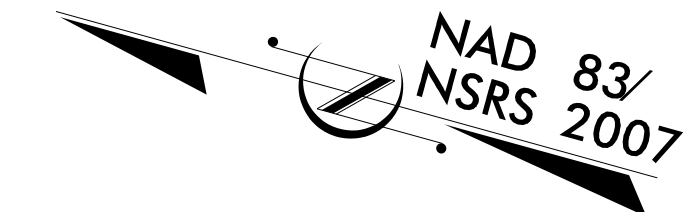
Docusign by
Professional Land Surveyor

L-4192
PLS #
Seal

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

6/2/2021 15:15:12 PM
 User: wtrobbins
 User: wtrobbins



-L-
 PI Sta 173+26.97
 $\Delta = 11^{\circ}08'32.1''$ (LT)
 $D = 3^{\circ}01'16.9''$
 $L = 368.78'$
 $T = 184.97'$
 $R = 1,896.35'$
 SE = EXISTING

MATCH LINE -L- STA 165 + 00.00
 SEE SHEET RW13

MATCH LINE -L- STA 179 + 00.00
 SEE SHEET RW15

REVISIONS

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.


DocuSigned by:

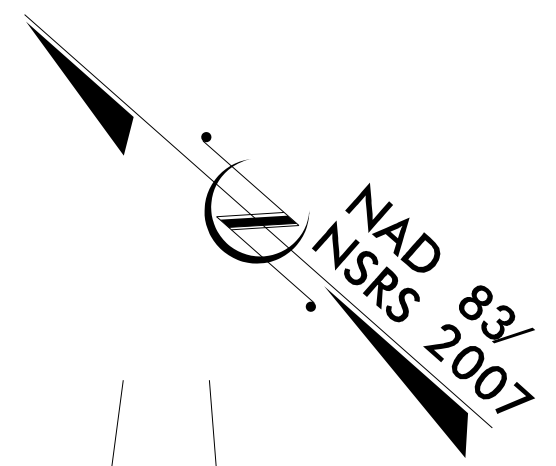
 26405920130446
 Professional Land Surveyor

L-4192
 PLS #
 Seal

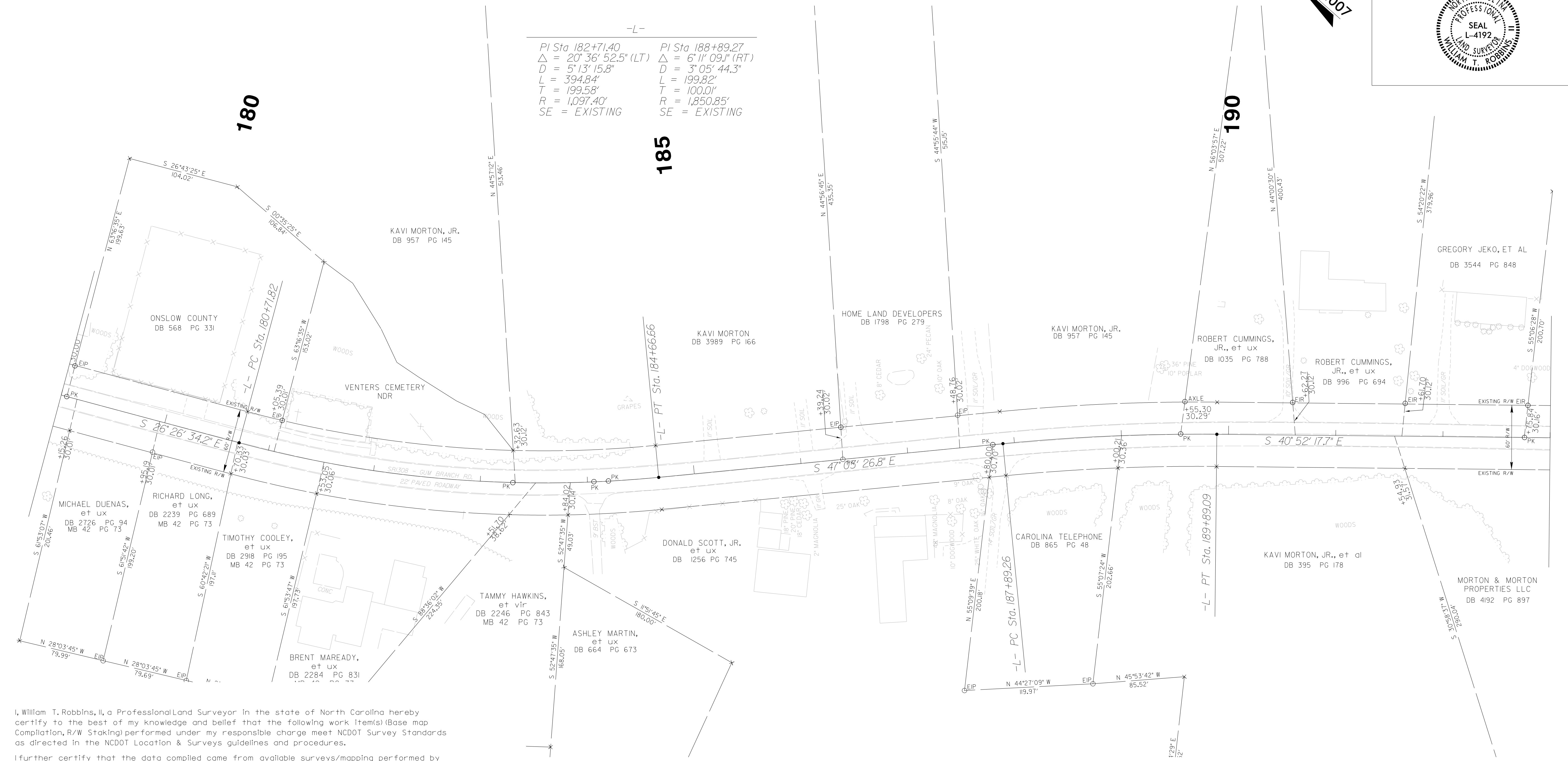
NOTES:

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.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW15
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middlesboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



REVISIONS



-L-

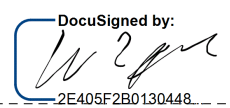
PI Sta 182+71.40	PI Sta 188+89.27
$\Delta = 20^{\circ} 36' 52.5''$ (LT)	$\Delta = 6^{\circ} 11' 09.1''$ (RT)
$D = 5^{\circ} 13' 15.8''$	$D = 3^{\circ} 05' 44.3''$
$L = 394.84'$	$L = 199.82'$
$T = 199.58'$	$T = 100.01'$
$R = 1,097.40'$	$R = 1,850.85'$
SE = EXISTING	SE = EXISTING

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).


Witness my original signature, registration number and seal this 17th day of August, 2021.

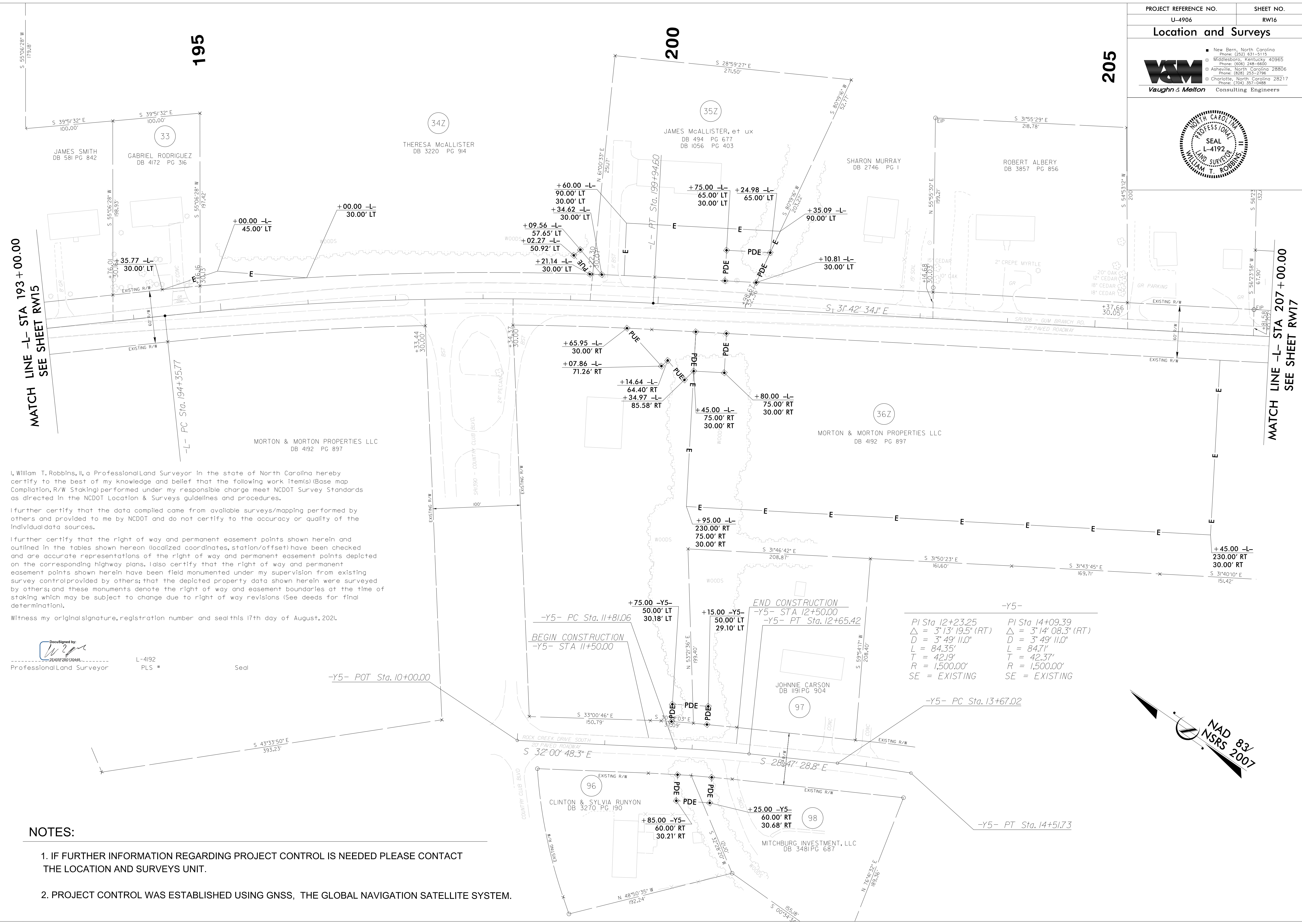
DocuSigned by:

 3E409F2B0130444
 Professional Land Surveyor L-4192 Seal
 PLS #

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.

6/2/2021 12:27:45 PM
 L:\Projects\U-4906.LS.rw15.dgn
 User:tbaboules

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW16
Location and Surveys	
<ul style="list-style-type: none"> New Bern, North Carolina Phone: (252) 631-5115 Middleboro, Kentucky 40965 Phone: (606) 248-6600 Asheville, North Carolina 28806 Phone: (828) 253-2786 Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 2E405F280130448
 Professional Land Surveyor L-4192 PLS * Seal

PI Sta 12+23.25 $\Delta = 3'13'19.5"$ (RT) $D = 3'49'11.0"$ $L = 84.35'$ $T = 42.19'$ $R = 1,500.00'$ SE = EXISTING	PI Sta 14+09.39 $\Delta = 3'14'08.3"$ (RT) $D = 3'49'11.0"$ $L = 84.71'$ $T = 42.37'$ $R = 1,500.00'$ SE = EXISTING
---	---


NOTES:

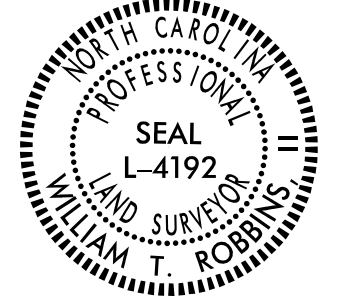
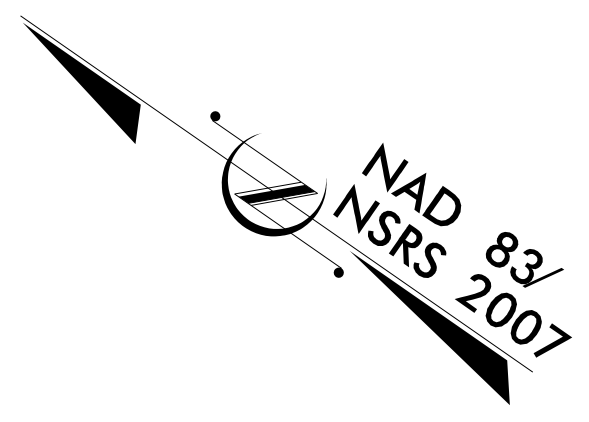
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.



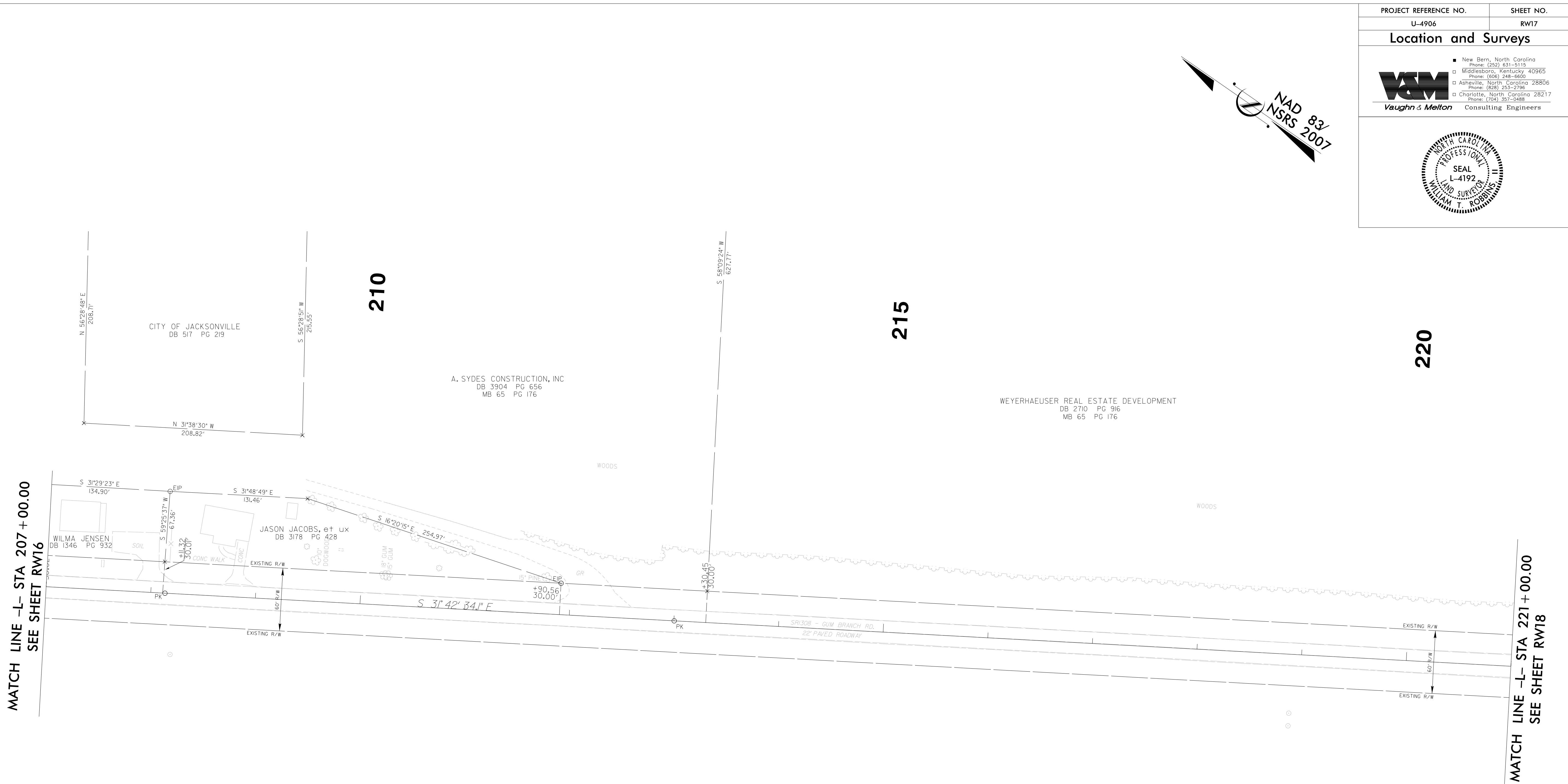
REVISIONS

6/2/2021 12:28:48 PM
 C:\Users\wtr\OneDrive\Work\Projects\U-4906\16.dgn
 User: wtr

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW17
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2785 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



REVISIONS



MATCH LINE -L- STA 207 + 00.00
SEE SHEET RW16

MATCH LINE -L- STA 221 + 00.00
SEE SHEET RW18

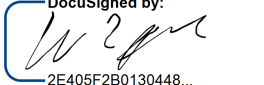
I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).


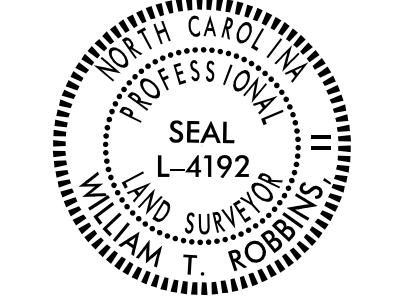
Witness my original signature, registration number and seal this 17th day of August, 2021.

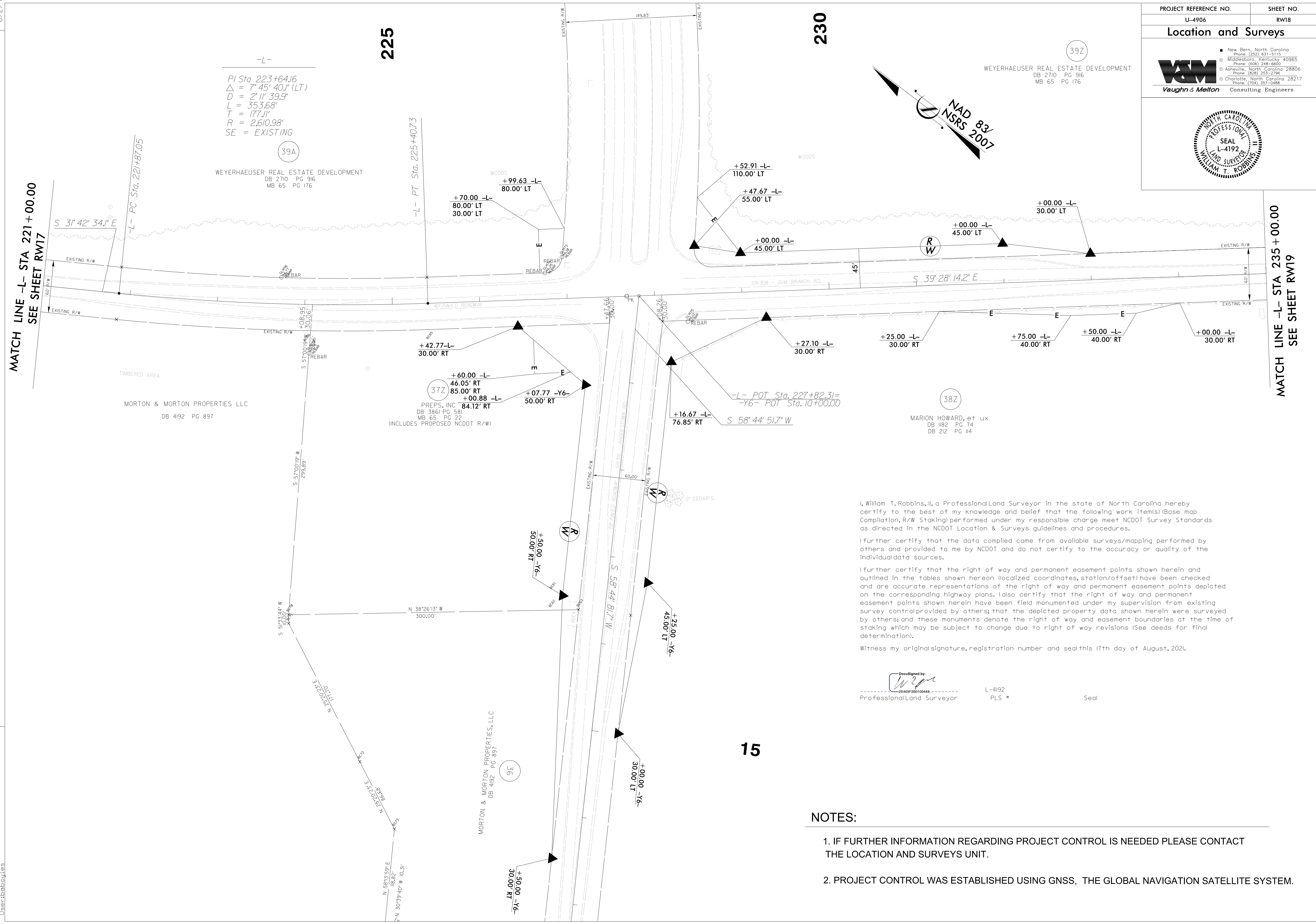
MORTON & MORTON PROPERTIES LLC
DB 4192 PG 897

DocuSigned by:

Professional Land Surveyor L-4192
PLS # Seal

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.

PROJECT REFERENCE NO. U-4906	SHEET NO. RW18
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
	



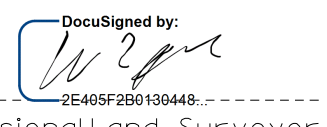
REVISIONS

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.


I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

Designed by: 
 Professional Land Surveyor L-4192 Seal
 Registration No. 201100446 PLS

- 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.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW19
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2786 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

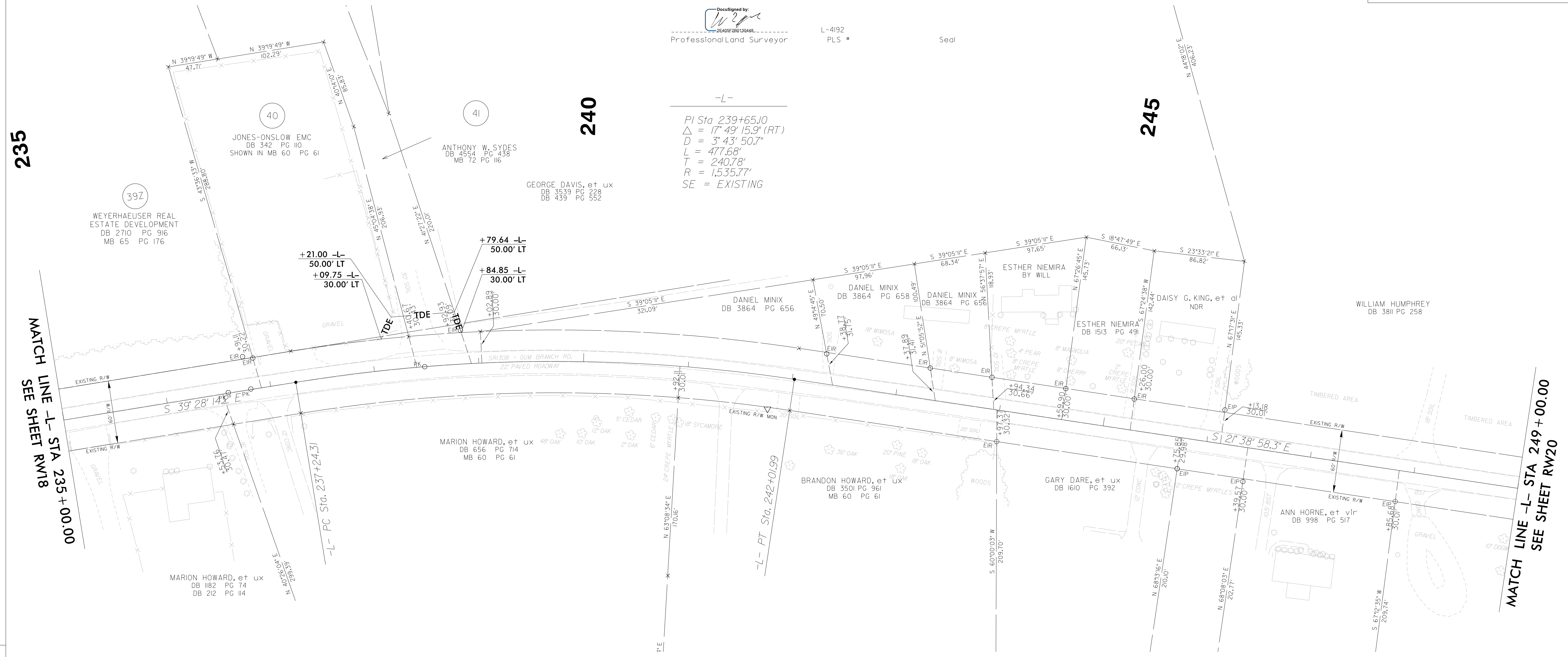
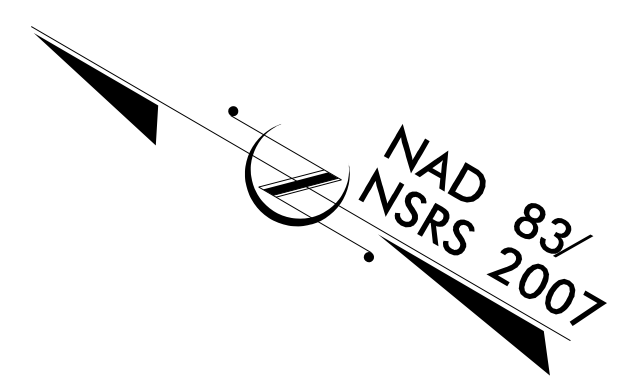
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

Designed by: 
 2E405E20130448
 Professional Land Surveyor

L-4192
 PLS #

Seal



REVISIONS

235

240


245

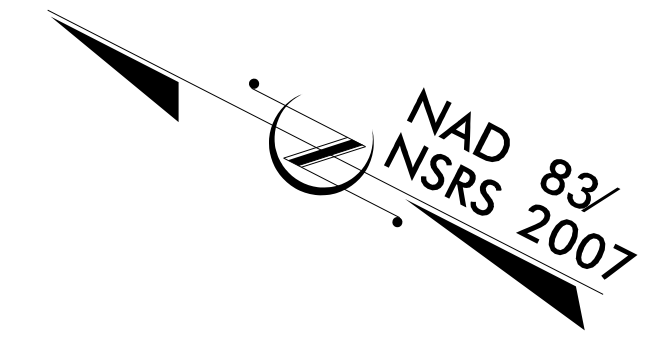
MATCH LINE -L- STA 235 + 00.00
SEE SHEET RW18

MATCH LINE -L- STA 249 + 00.00
SEE SHEET RW20

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.

PROJECT REFERENCE NO. U-4906	SHEET NO. RW20
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

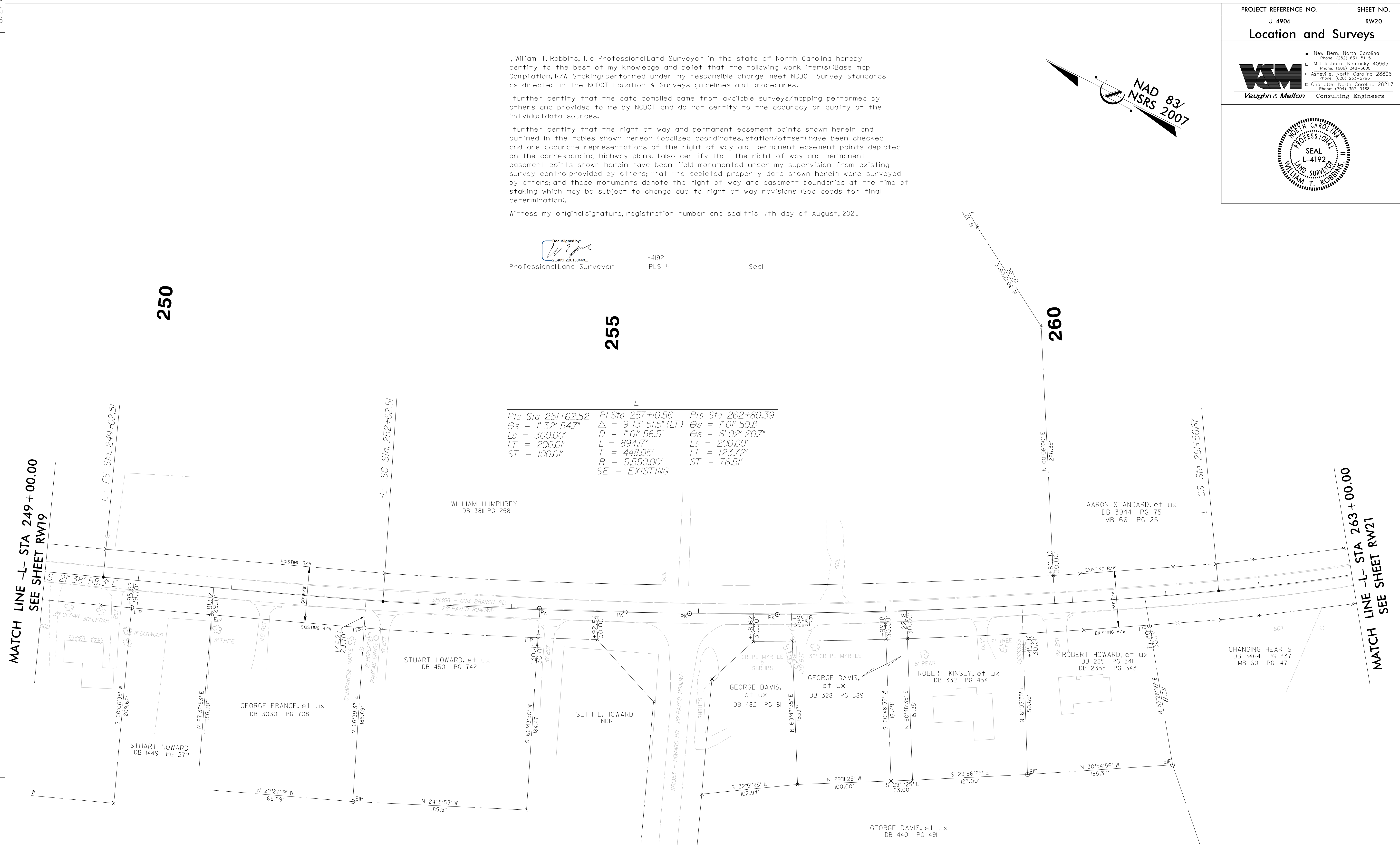
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

Designed by: 
 Professional Land Surveyor L-4192 PLS Seal

-L-		
Pls Sta 251+62.52	PI Sta 257+10.56	Pls Sta 262+80.39
Os = 1' 32' 54.7"	Δ = 9' 13' 51.5" (LT)	Os = 1' 01' 50.8"
Ls = 300.00'	D = 1' 01' 56.5"	Os = 6' 02' 20.7"
LT = 200.01'	L = 894.17'	Ls = 200.00'
ST = 100.01'	T = 448.05'	LT = 123.72'
	R = 5,550.00'	ST = 76.51'
	SE = EXISTING	




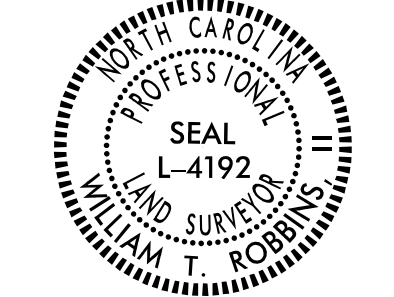
MATCH LINE -L- STA 249+00.00
SEE SHEET RW19

MATCH LINE -L- STA 263+00.00
SEE SHEET RW21

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.

REVISIONS

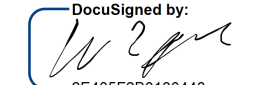
PROJECT REFERENCE NO. U-4906	SHEET NO. RW21
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
 Vaughn & Melton Consulting Engineers	
 SEAL L-4192 WILLIAM T. ROBBINS LAND SURVEYOR	

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

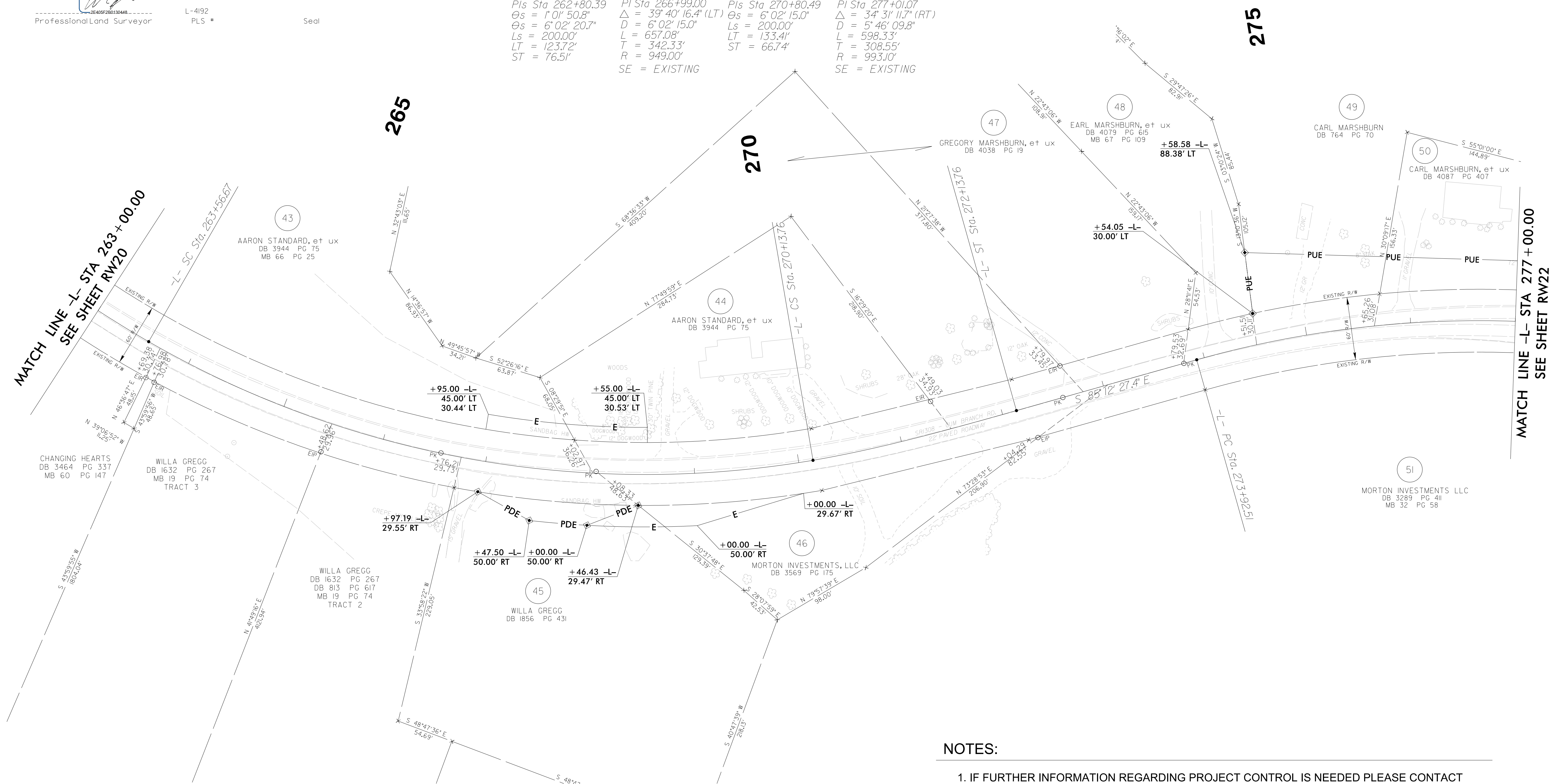
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 2E405F280130448
 Professional Land Surveyor L-4192 PLS Seal

-L-			
PIs Sta. 262+80.39	PI Sta. 266+99.00	PIs Sta. 270+80.49	PI Sta. 277+01.07
$\Theta_s = 1^{\circ}01'50.8''$	$\Delta = 39^{\circ}40'16.4''$ (LT)	$\Theta_s = 6^{\circ}02'15.0''$	$\Delta = 34^{\circ}31'11.7''$ (RT)
$\Theta_s = 6^{\circ}02'20.7''$	$D = 6^{\circ}02'15.0''$	$L_s = 200.00'$	$D = 5^{\circ}46'09.8''$
$L_s = 200.00'$	$L = 657.08'$	$LT = 133.41'$	$L = 598.33'$
$LT = 123.72'$	$T = 342.33'$	$ST = 66.74'$	$T = 308.55'$
$ST = 76.51'$	$R = 949.00'$		$R = 993.10'$
	SE = EXISTING		SE = EXISTING



REVISIONS

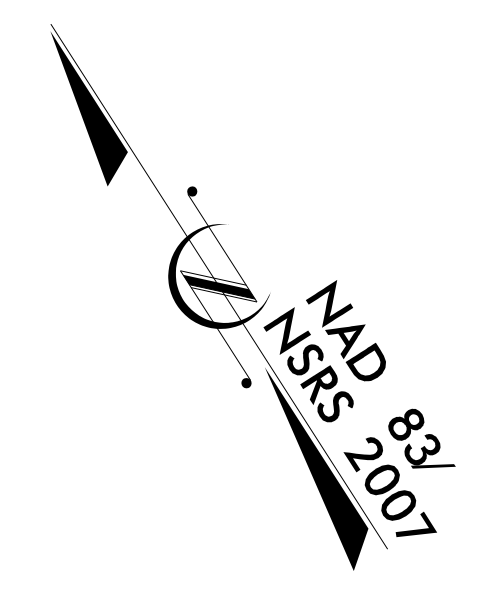
MATCH LINE -L- STA 263+00.00
 SEE SHEET RW20

MATCH LINE -L- STA 277+00.00
 SEE SHEET RW22

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.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW22
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2795 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
Vaughn & Melton Consulting Engineers	



-L-
 PI Sta 277+01.07
 $\Delta = 34' 31'' 11.7''$ (RT)
 $D = 5' 46'' 09.8''$
 $L = 598.33'$
 $T = 308.55'$
 $R = 993.10'$
 SE = EXISTING



285

I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:
 William T. Robbins
 254045E28013044E
 Professional Land Surveyor

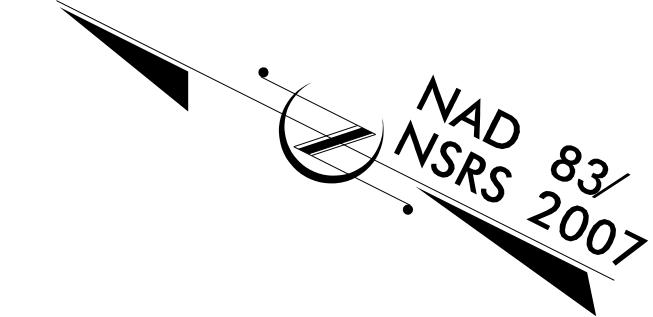
L-4192
 PLS #

Seal

REVISIONS

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.

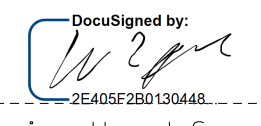


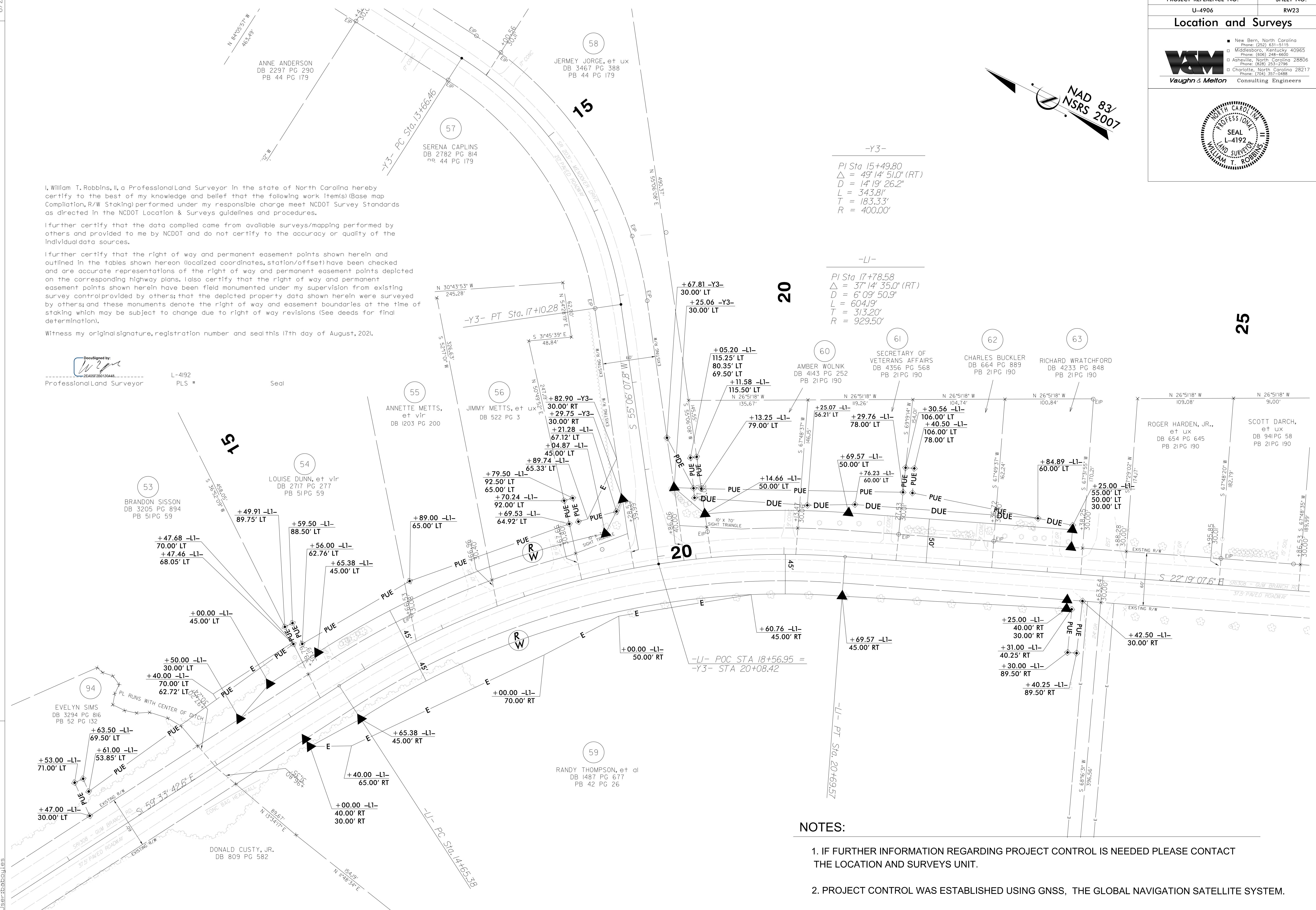
I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 L-4192
 Professional Land Surveyor Seal

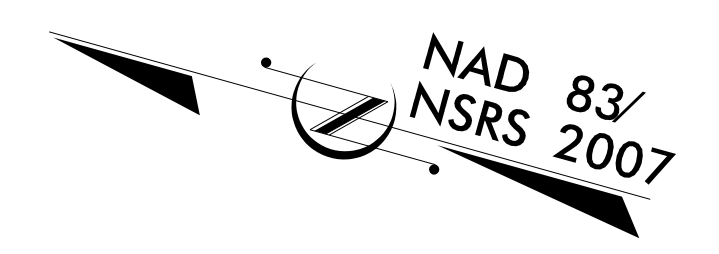


NOTES:

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.

REVISIONS

6/2/2023 15:40:43 PM
 User: ttaboyles

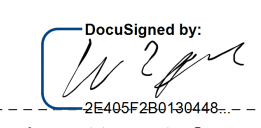


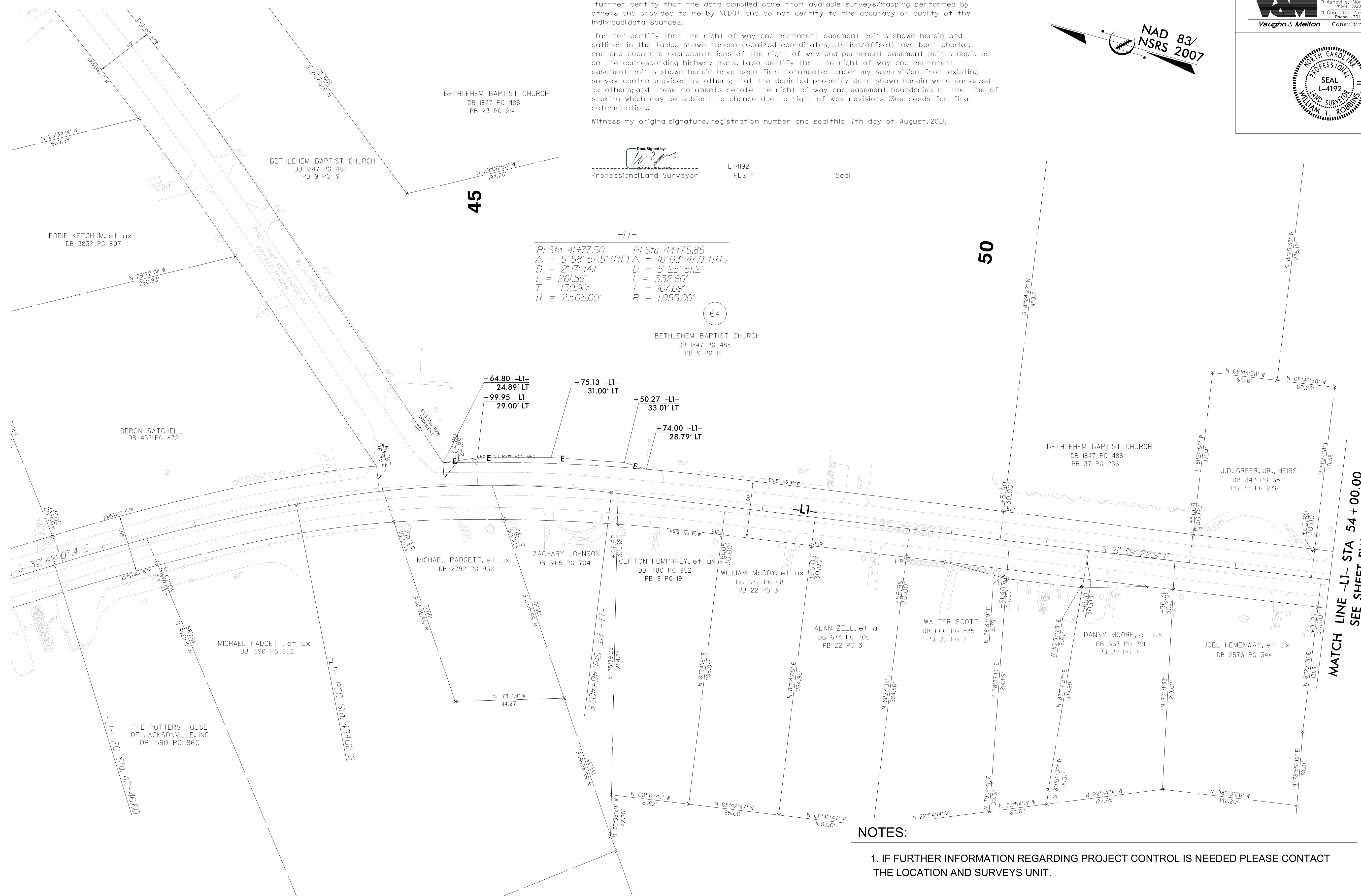
I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. Also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.

Designed by

 28465220130448
 Professional Land Surveyor L-4192 PLS # Seal



-L1-	
PI Sta 41+77.50	PI Sta 44+75.85
$\Delta = 5^{\circ} 58' 57.5''$ (RT)	$\Delta = 18^{\circ} 03' 47.0''$ (RT)
$D = 2^{\circ} 17' 14.1''$	$D = 5^{\circ} 25' 51.2''$
$L = 261.56'$	$L = 332.60'$
$T = 130.90'$	$T = 167.69'$
$R = 2,505.00'$	$R = 1,055.00'$

64

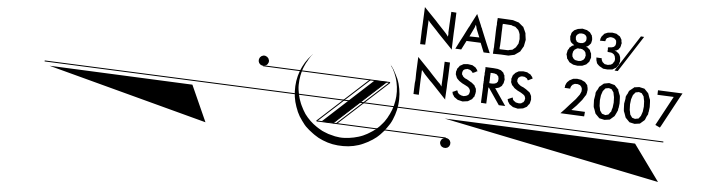
MATCH LINE -L1- STA 54 + 00.00
SEE SHEET RW25

REVISIONS

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

PROJECT REFERENCE NO.	SHEET NO.
U-4906	RW25
Location and Surveys	
<ul style="list-style-type: none"> ■ New Bern, North Carolina Phone: (252) 631-5115 □ Middleboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 255-2788 □ Charlotte, North Carolina 28217 Phone: (704) 357-0488 	
Vaughn & Melton Consulting Engineers	



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (see deeds for final determination).

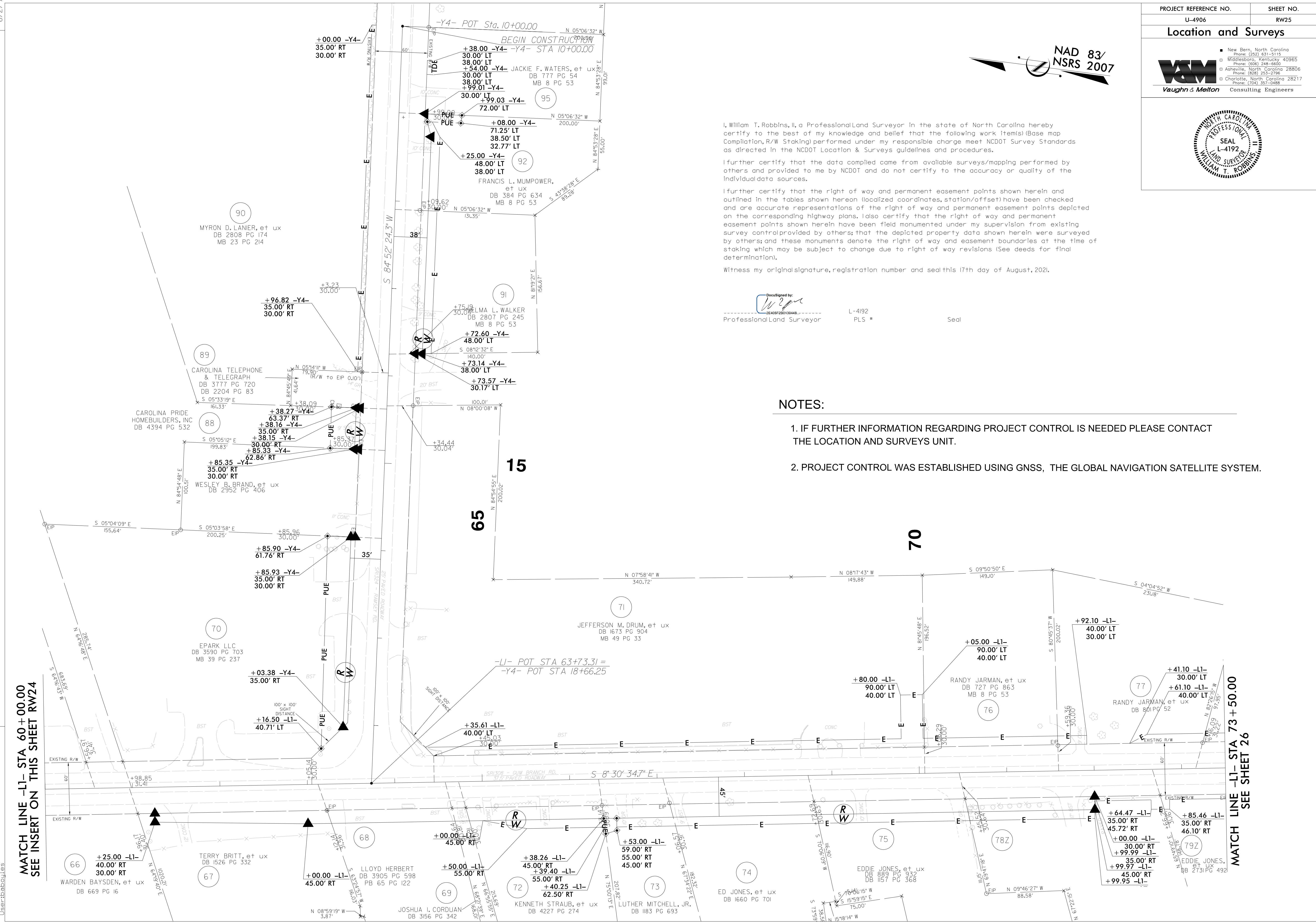
Witness my original signature, registration number and seal this 17th day of August, 2021.

DocuSigned by:

 2E405F280130448... L-4192
 Professional Land Surveyor PLS # Seal

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.

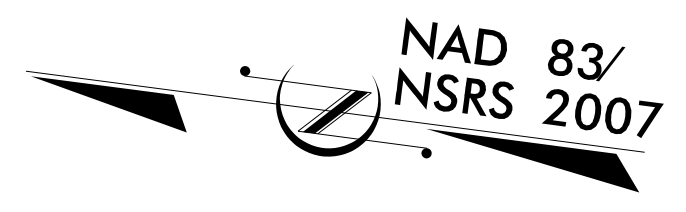


REVISIONS

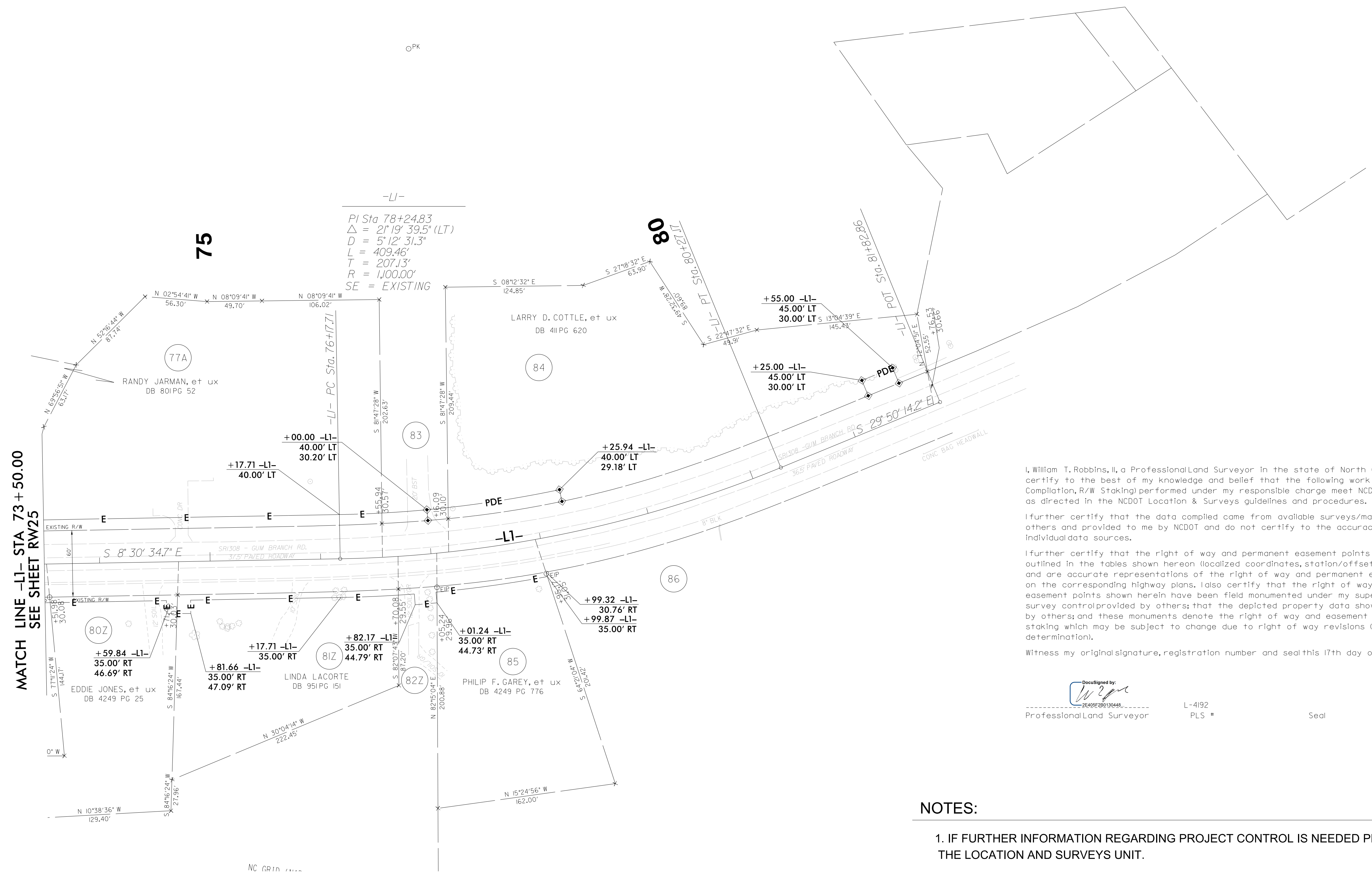
MATCH LINE -L1- STA 60+00.00
SEE INSERT ON THIS SHEET RW24

MATCH LINE -L1- STA 73+50.00
SEE SHEET 26

6/2/2021 12:42:42 PM
User: ttaboyles



REVISIONS



I, William T. Robbins, II, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further 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.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 17th day of August, 2021.


 L-4192
 Professional Land Surveyor PLS Seal

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.