

09/05/19

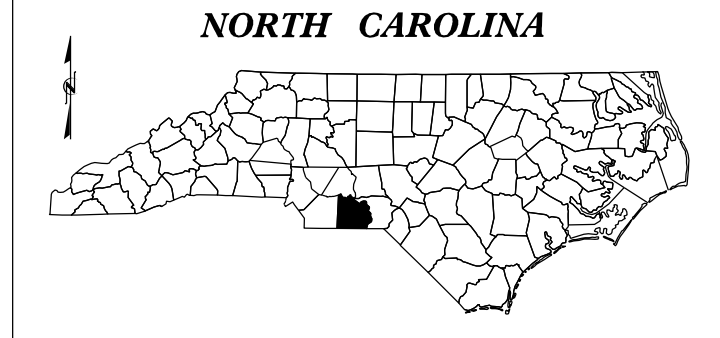
See Sheet 1A For Index of Sheets
See Sheet 1B For Standard Symbology Sheet

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

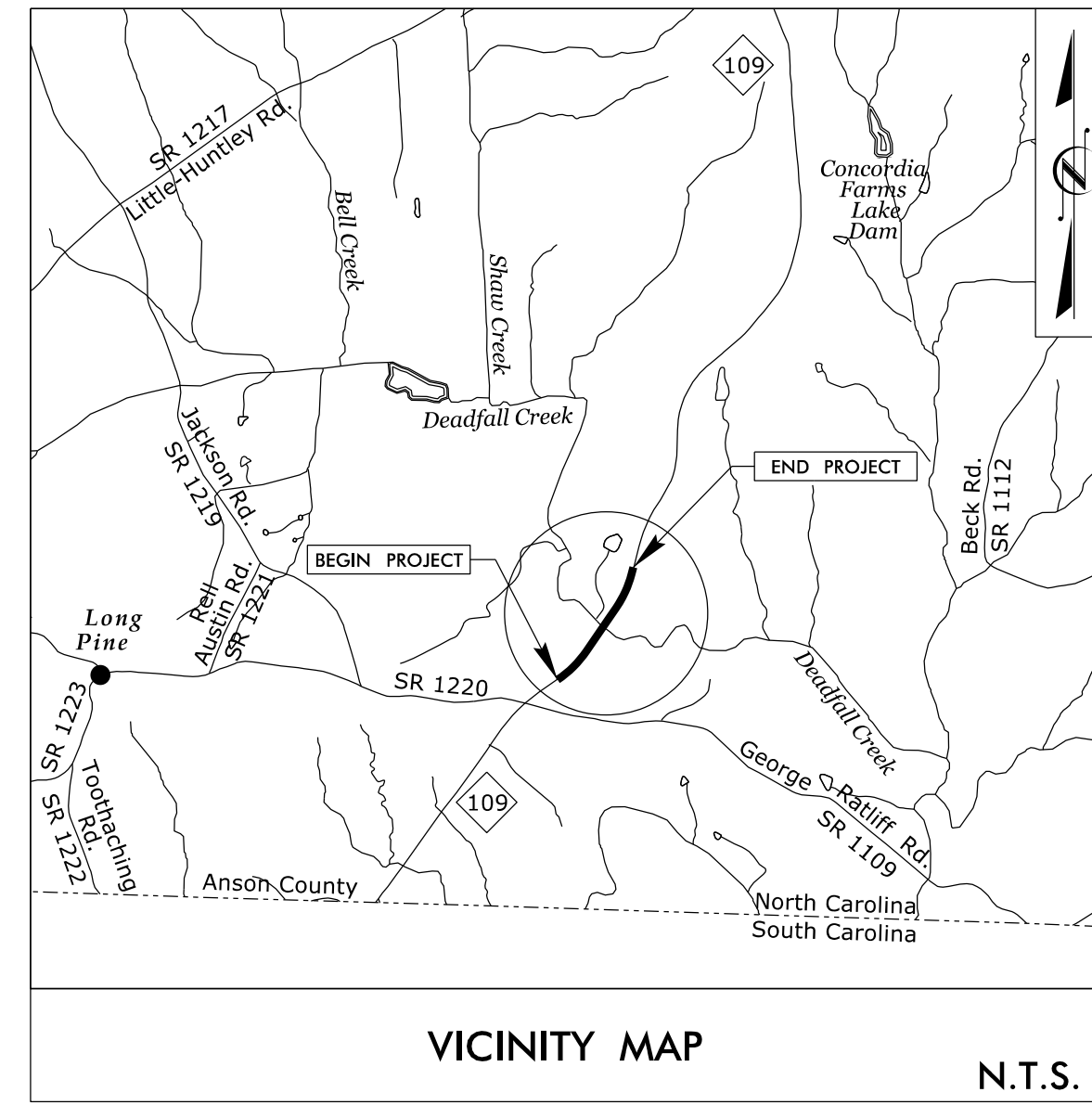
SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

ANSON COUNTY

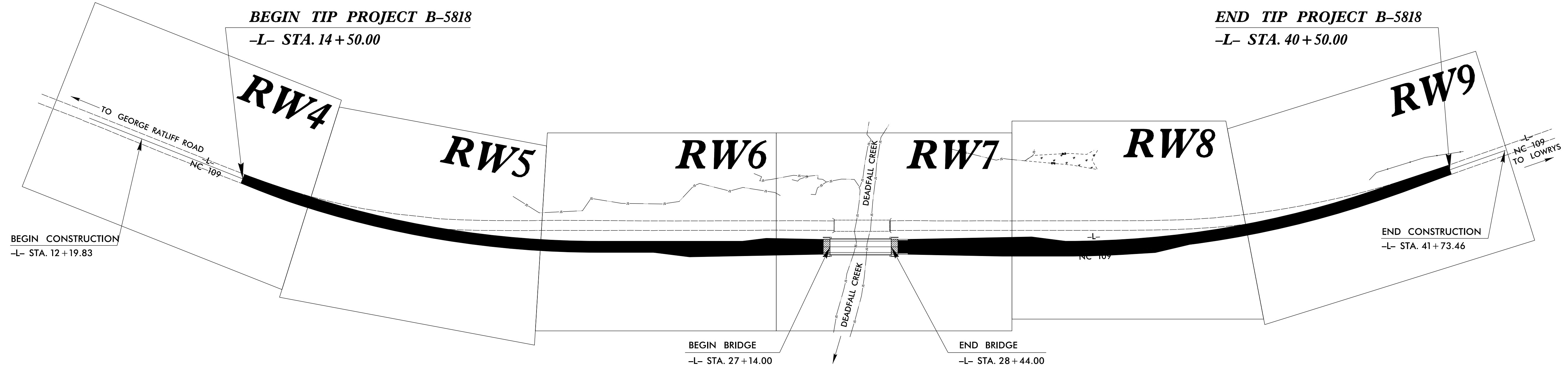
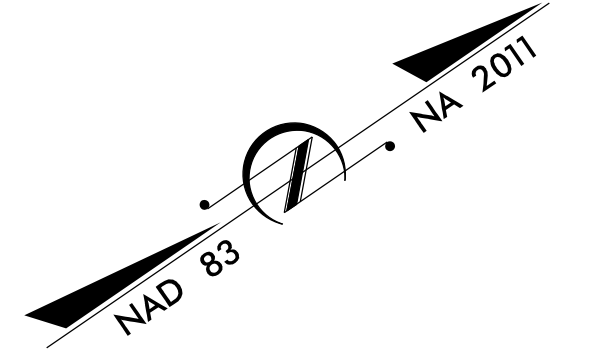
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5818	RW01	



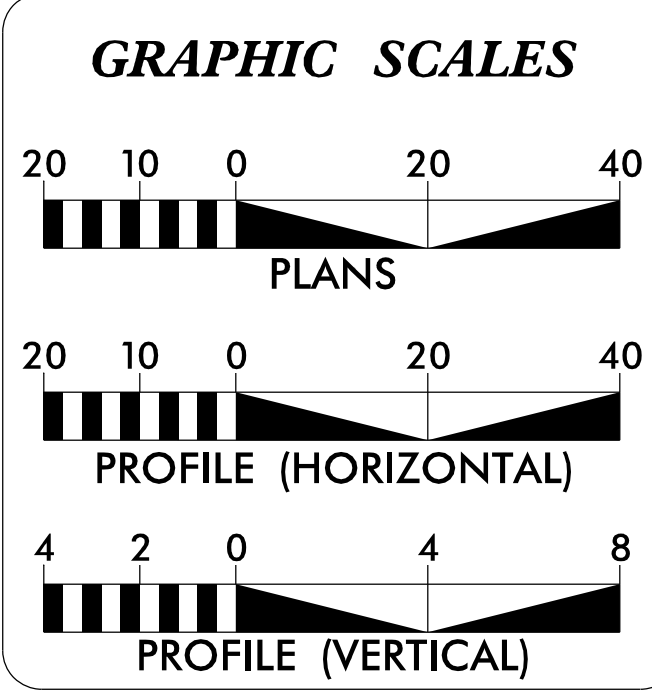
TIP PROJECT: B-5818



RIGHT OF WAY PLANS



INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "P-5" WITH NAD 83/ 2011 STATE PLANE GRID COORDINATES OF NORTHING: 393901.3680(ft) EASTING: 1641422.7680(ft) ELEVATION: 281.28(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99989136

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "P-5" TO -L- STATION 10+00.00 IS S 43°56'38" W 1473.68(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



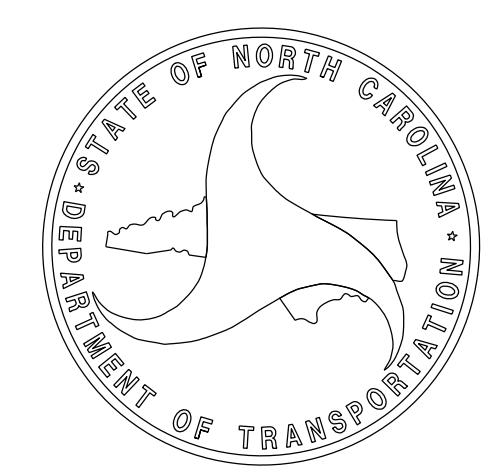
801 JONES FRANKLIN ROAD, SUITE 300
RALEIGH, NC 27606
LICENSE NO.: F-0672
www.stantec.com

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
DECEMBER 3, 2019

LETTING DATE:
NOVEMBER 17, 2020

PROFESSIONAL LAND SURVEYOR




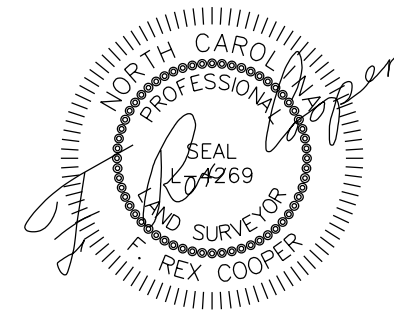
SIGNATURE: _____ Date: 4/23/2020

\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DGN \$\$\$\$\$\$
\$\$\$\$\$ USER NAME \$\$\$\$\$\$

REVISIONS

Z:\FB\2000_1318\1784\active\1784\work\copy\1784\external\exports\20date\B5818_1s_rw02d-1_200423.dgn
AT-BUKOVNIK-1
bukovnik

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5818	RW02D-1
Location and Surveys	
 <small>801 JONES FRANKLIN ROAD, SUITE 300 RALEIGH, NC 27606 LEADERSHIP. PARTNERS www.stantec.com</small>	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

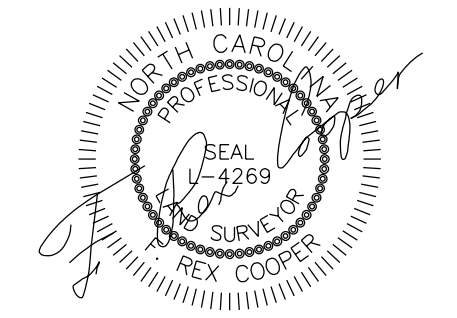
		L	
TYPE	STATION	NORTH	EAST
POT	10+00.00	392784.4626	1640317.1363
PC	14+50.00	393035.6709	1640690.4919
PT	22+23.74	393577.1410	1641236.7660
PC	32+13.51	394393.4162	1641796.5253
PT	39+03.95	395017.2706	1642084.6760
POT	44+20.00	395515.3980	1642219.4817

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.

RIGHT OF WAY CONTROL SHEET

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+50.00	-28.57	393059.3708	1640674.5457
L	14+50.00	37.00	393004.9727	1640711.1467
L	14+50.00	27.73	393012.6672	1640705.9696
L	22+23.74	-75.28	393619.7127	1641174.6853
L	22+23.74	37.00	393556.2157	1641267.2805
L	25+45.00	37.00	393821.1611	1641448.9664
L	26+00.00	-75.24	393929.9964	1641387.5070
L	26+93.00	75.00	393921.7282	1641564.0066
L	29+73.00	75.00	394152.6487	1641722.3598
L	30+00.00	-75.20	394259.8603	1641613.7586
L	30+45.00	45.00	394228.9946	1641738.3378
L	32+13.51	45.00	394367.9666	1641833.6376
L	32+13.51	-75.18	394435.9325	1641734.5255
L	38+65.00	45.00	394967.1896	1642117.3497
L	38+70.00	-34.66	394994.1789	1642042.2285
L	39+00.00	+50.00	395026.6094	1642035.4008
L	39+10.00	26.60	395016.1575	1642111.9336
L	40+10.00	-46.00	395131.6509	1642067.9754
L	41+00.00	-29.46	395214.2051	1642107.4517

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+19.83	-28.61	392930.9165	1640483.5577
L	12+21.33	-49.18	392948.8165	1640473.3129
L	12+21.84	-28.60	392932.0340	1640485.2225
L	12+23.32	-49.03	392949.8100	1640475.0487
L	14+30.00	-28.42	393048.0864	1640658.0325
L	15+50.00	-45.00	393129.5623	1640745.1541
L	15+79.61	37.00	393082.0418	1640818.2204
L	16+50.00	-43.00	393188.3984	1640823.3574
L	16+62.33	58.78	393117.9915	1640897.8949
L	16+62.61	55.81	393120.4579	1640896.2055
L	16+64.27	58.97	393119.1217	1640899.5449
L	16+64.55	56.00	393121.5881	1640897.8555
L	17+13.00	-70.00	393248.6644	1640852.5083
L	17+25.00	-39.00	393233.1591	1640881.7883
L	18+94.94	58.30	393281.7910	1641072.1057
L	18+94.98	61.33	393279.7249	1641074.3254
L	18+96.89	58.28	393283.2493	1641073.4745
L	18+96.92	61.31	393281.1888	1641075.6881
L	21+16.71	63.82	393451.6951	1641224.6349
L	21+16.73	60.79	393453.5588	1641222.2425
L	21+18.65	63.84	393453.2728	1641225.8640
L	21+18.68	60.81	393455.1370	1641223.4711
L	25+90.00	57.54	393846.6563	1641491.3566
L	26+10.00	66.00	393858.3668	1641509.6437
L	26+25.20	57.61	393875.7134	1641511.3695
L	26+55.00	-94.00	393985.9666	1641403.1388
L	26+55.00	-75.23	393975.3527	1641418.6166
L	26+57.95	66.00	393897.9097	1641536.7602
L	26+85.00	-94.00	394010.7080	1641420.1052
L	26+85.00	-75.23	394000.0925	1641435.5855
L	29+00.00	-75.21	394177.3943	1641557.1957
L	29+00.00	-92.00	394186.8908	1641543.3473
L	29+25.00	-75.21	394198.0108	1641571.3365
L	29+25.00	-92.00	394207.5087	1641557.4860
L	30+12.84	58.40	394194.8906	1641731.2004
L	33+89.91	67.01	394510.0005	1641948.2298
L	33+89.96	70.03	394508.5563	1641950.8848
L	33+91.85	66.98	394511.7574	1641949.1855
L	33+91.90	70.00	394510.3132	1641951.8405
L	37+64.21	55.44	394865.6319	1642096.0023
L	37+64.46	58.41	394864.9053	1642098.8966
L	37+66.15	55.26	394867.5733	1642096.4832
L	37+66.40	58.24	394866.8451	1642099.3836
L	38+11.66	45.00	394915.0601	1642101.4350
L	41+69.29	-48.76	395288.1330	1642106.9207
L	41+71.28	-48.98	395288.1095	1642107.2260
L	41+71.45	-29.43	395283.1640	1642126.1402
L	41+73.46	-29.44	395285.1078	1642126.6576

I, F. Rex Cooper, 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) (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 23rd day of April, 2020.

Professional Land Surveyor L-4269



NOTES:

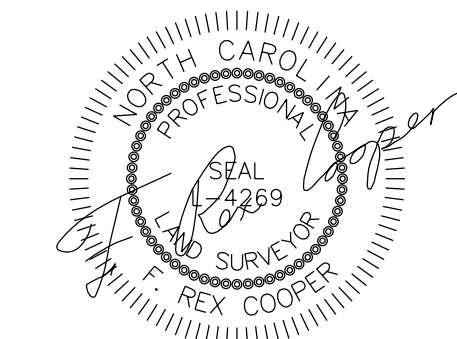
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

Z:\FB\2020_1318\1784\work\proj\1784\external\exp\pts\20date\B5818_1s_rw03e-1_200423.dgn
 AT:BUKOVNIK\1784\work\proj\1784\external\exp\pts\20date\B5818_1s_rw03e-1_200423.dgn
 jbukovnik

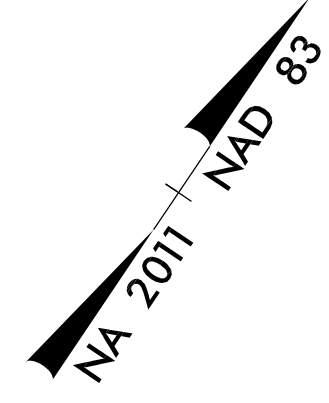
Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

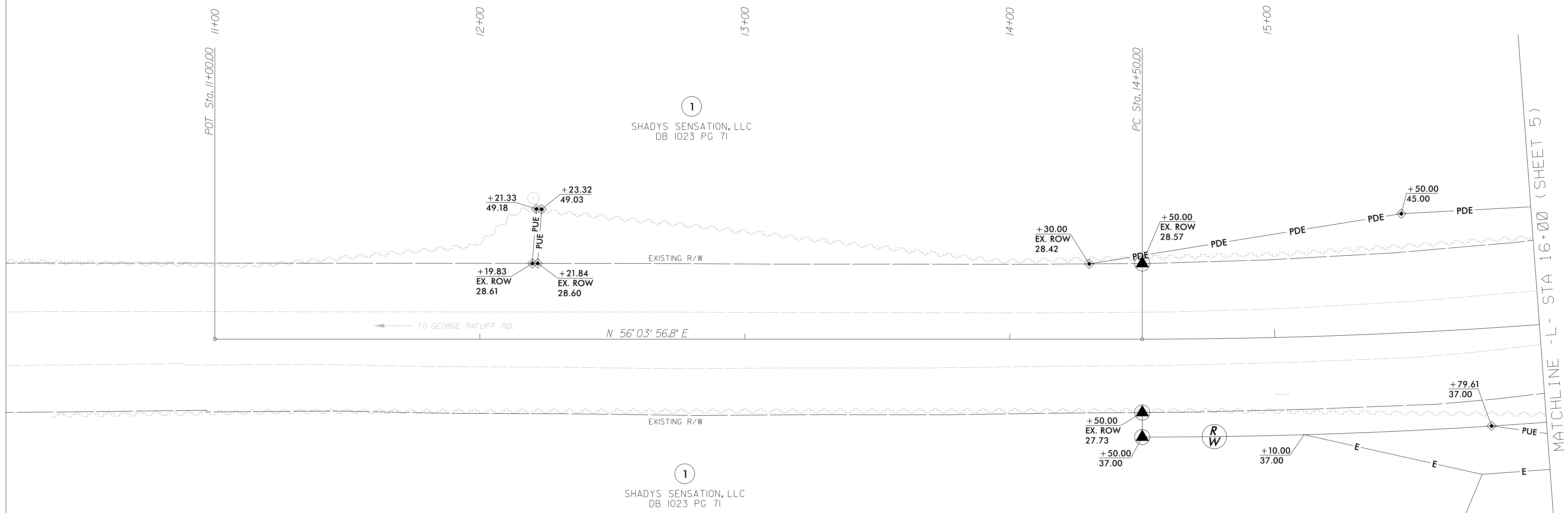


-L-
PI Sta 18+41.53
Δ = 21° 37' 31.7" (LT)
D = 2' 47' 41.7"
L = 773.74'
T = 391.53'
R = 2,050.00'
RUNOFF = 150'
SE = 5%



REVISIONS

\\fs01\proj\1784\external\experts\20date\B5818_1s_rw04_200423.dgn
\\fs01\proj\1784\external\1784\active\1784\50746\survey\B5818_1s_rw04_200423.dgn
\\fs01\proj\1784\active\1784\50746\survey\B5818_1s_rw04_200423.dgn

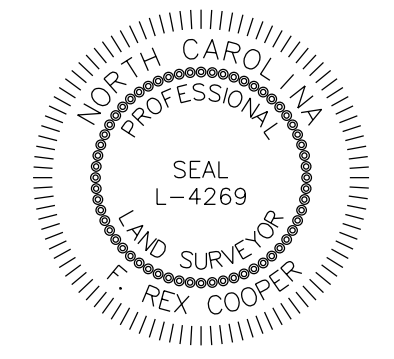


I, F. Rex Cooper, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and 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 23rd day of April, 2020.

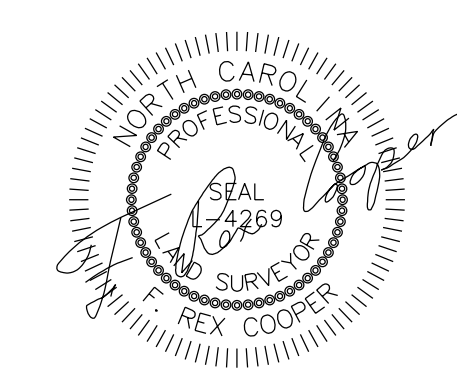
Professional Land Surveyor L-4269



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

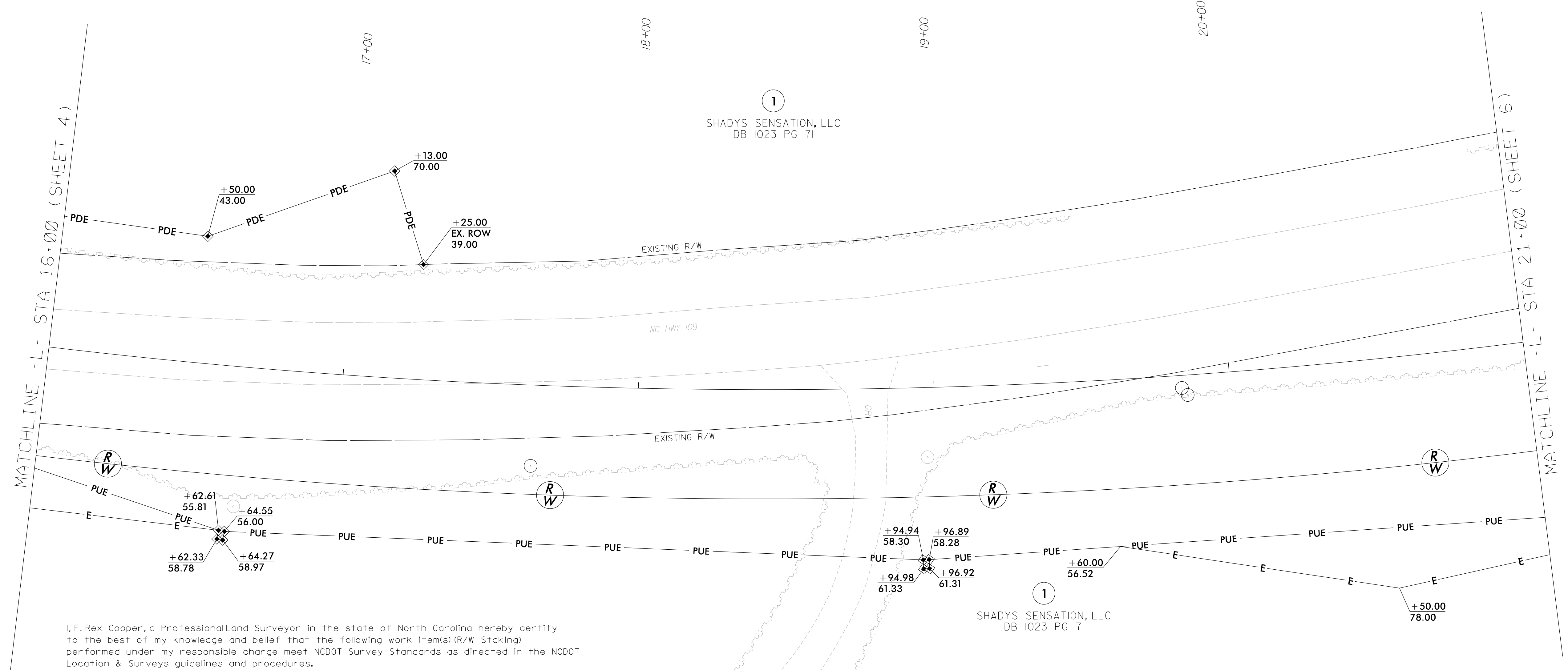
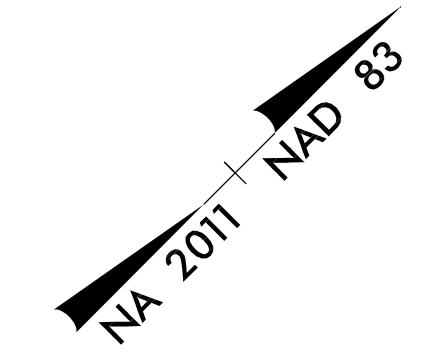


Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta 18+41.53
 $\Delta = 21' 37" 31.7"$ (LT)
 $D = 2' 47" 41.7"$
 $L = 773.74'$
 $T = 391.53'$
 $R = 2,050.00'$
RUNOFF = 150'
SE = 5%



I, F. Rex Cooper, 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) (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 23rd day of April, 2020.

Professional Land Surveyor L-4269



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.

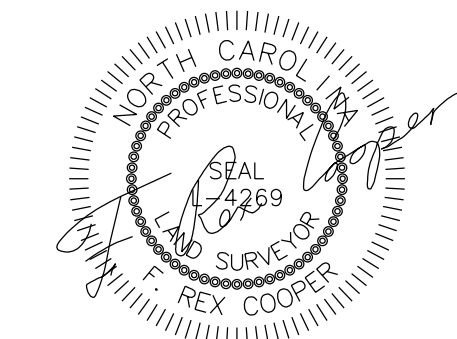
6/2/19

PROJECT REFERENCE NO. B-5818 SHEET NO. RW06

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

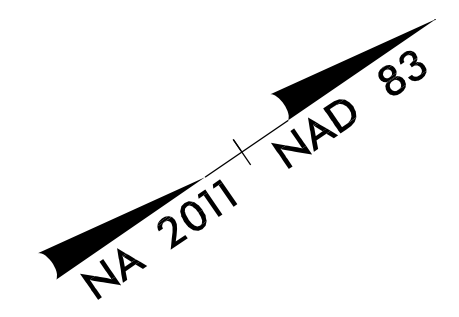


I, F. Rex Cooper, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and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

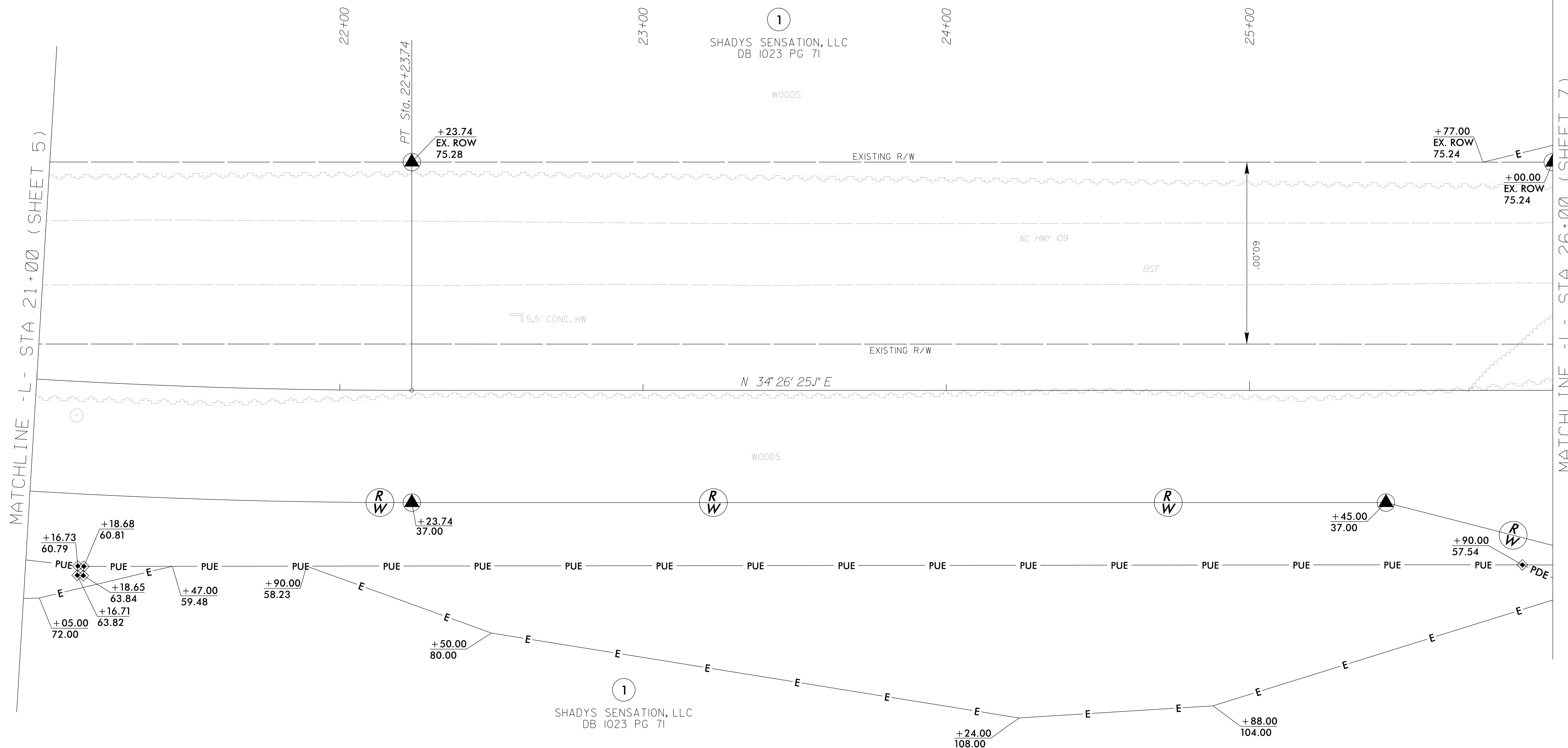
I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. 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 23rd day of April, 2020.

-L-
PI Sta 18+41.53
Δ = 21° 37' 31.7" (LT)
D = 2' 47' 41.7"
L = 773.74'
T = 391.53'
R = 2050.00'
RUNOFF = 150'
SE = 5%



Professional Land Surveyor L-4269



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

\\fs01\work\projects\1784\active\1784\external\reports\20date\B5818_1s_rw06_200423.dgn
6/2/20 13:00 jbukovnik

Location and Surveys



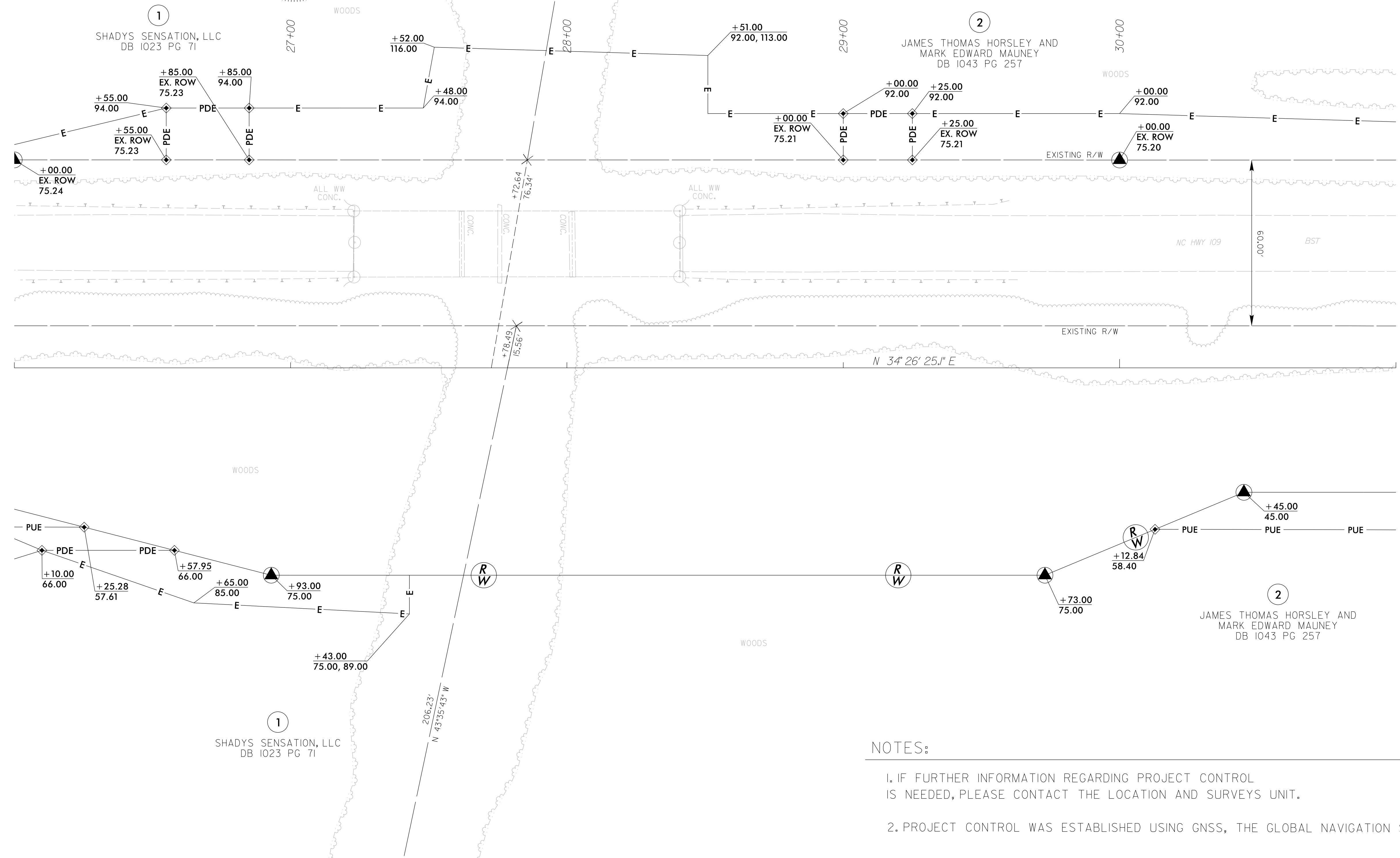
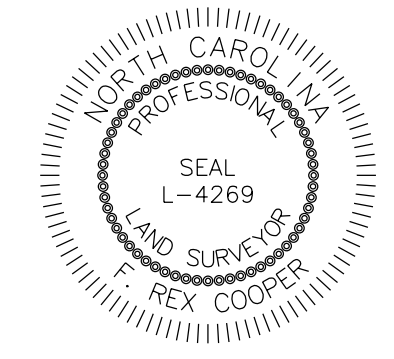
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, F. Rex Cooper, 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) (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 23rd day of April, 2020.

Professional Land Surveyor L-4269



REVISIONS

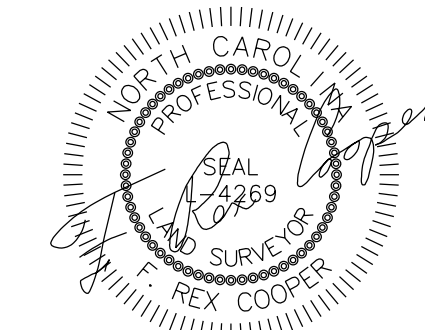
Z:\FB\2020_1318\1784\1784\external\survey\B5818\external\experts\20date\B5818_1s_rw07_200423.dgn
 jbukovnik
 AT:BUKOVNIK
 1784\active\1784\active\1784\external\survey\B5818\external\experts\20date\B5818_1s_rw07_200423.dgn

- 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.

6/2/19

R:\1784\1784\1784\external\experts\20date\B5818.is.rw09_200423.dgn

REVISIONS



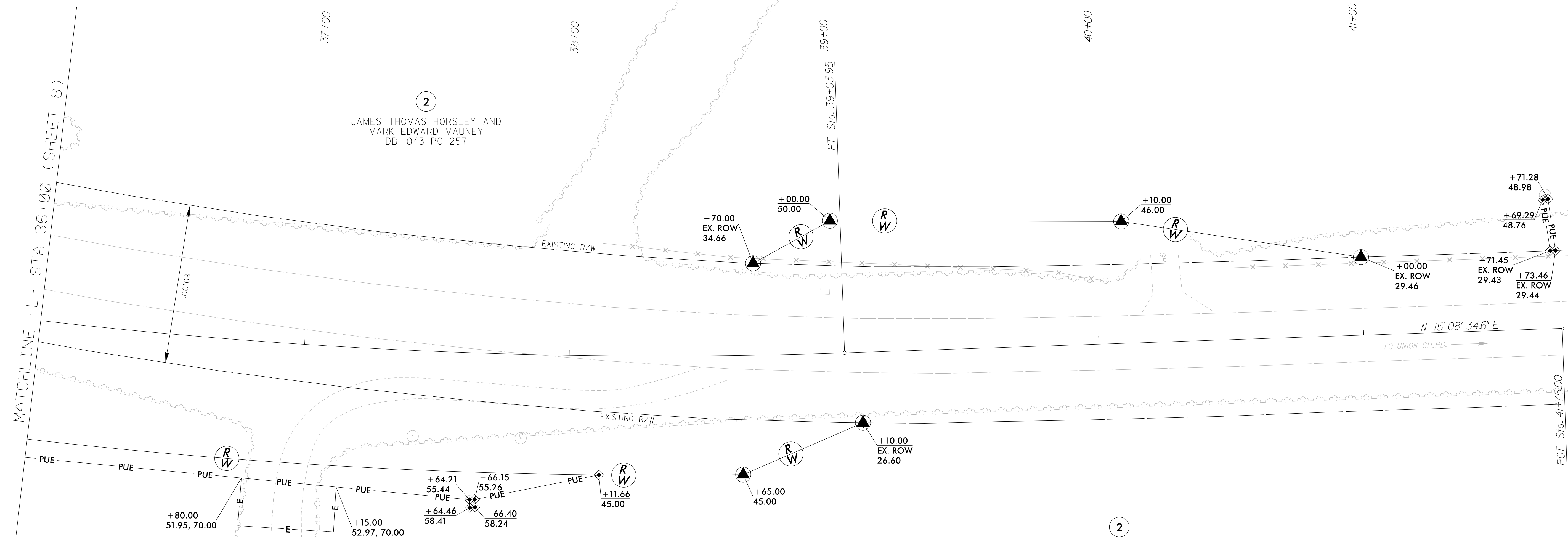
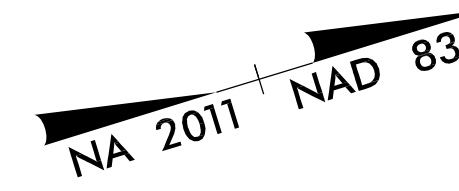
PROJECT REFERENCE NO. B-5818 SHEET NO. RW09

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta. 35+62.03
$\Delta = 19' 17" 50.5" (LT)$
D = 2' 47' 41.7"
L = 690.45'
T = 348.52'
R = 2050.00'
RUNOFF = 150'
SE = 5%

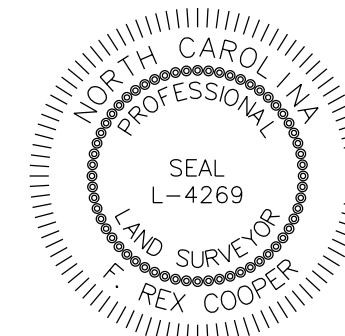


I, F. Rex Cooper, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and 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 23rd day of April, 2020.

Professional Land Surveyor L-4269



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.