

09/06/19

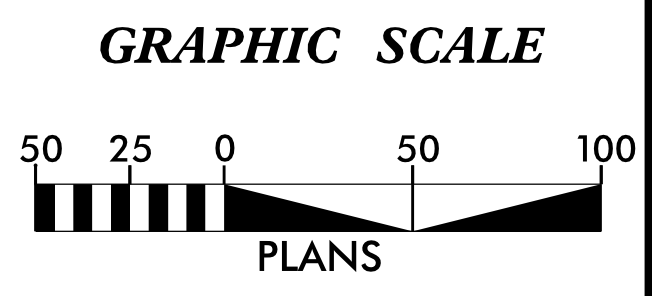
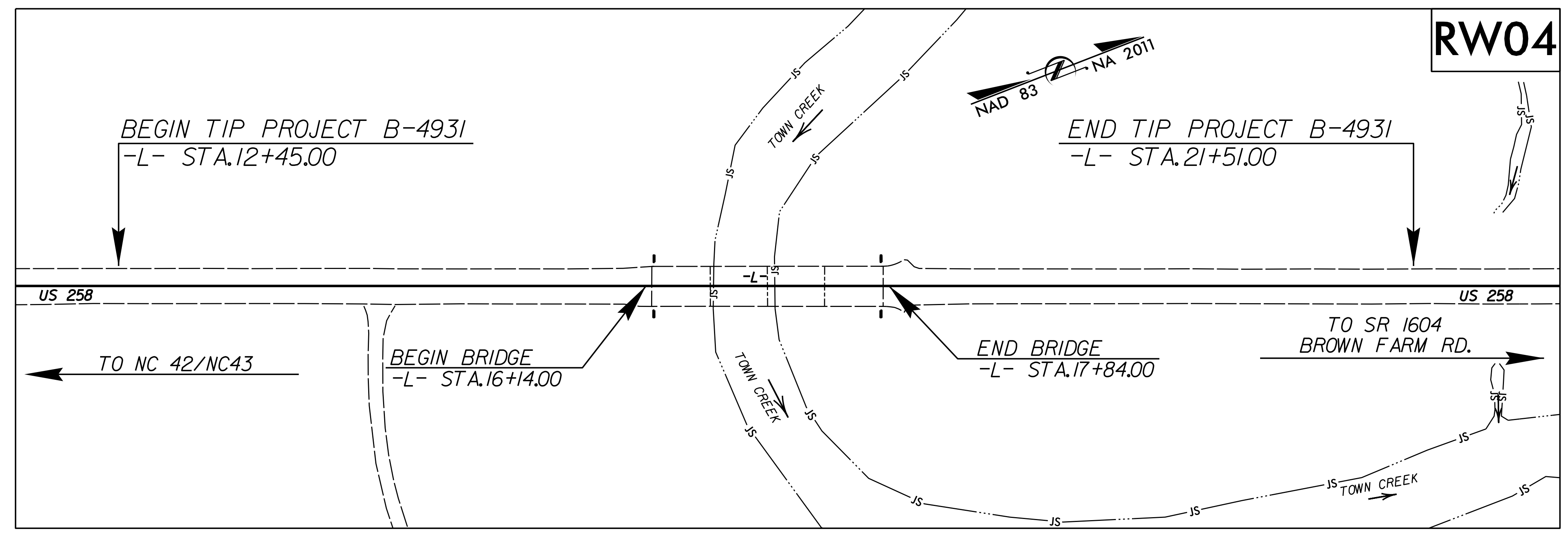
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4931	RW01	XX

TIP PROJECT: B-4931

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

EDGECOMBE COUNTY



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B4931-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 747,561.486(ft) EASTING: 2,417,353.982(ft) ELEVATION: 47.32(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99992070

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4931-2" TO -L- STATION 10+00 IS N 16-38'14.19" E 229.22(ft)

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

Prepared in the Office of:

1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 10/08/2019

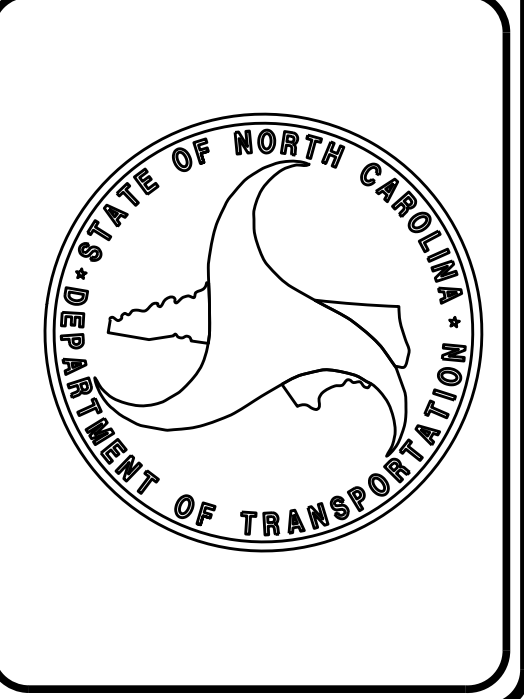
LETTING DATE: 5/19/2020

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Anthony K. Alford
 22BA0982F58A44E

12/2/2019

SIGNATURE: _____ Date: _____




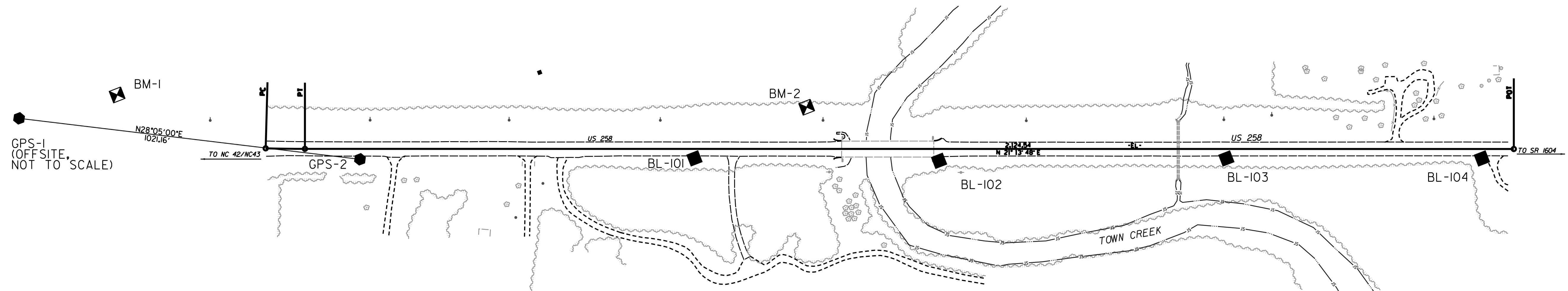
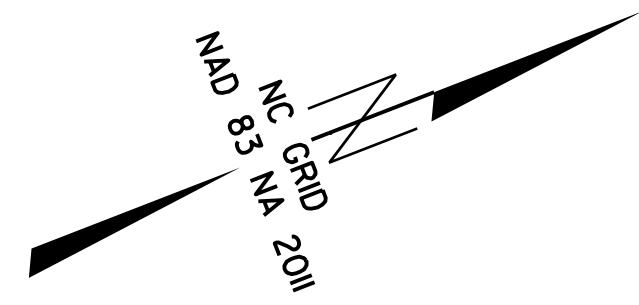
\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DDN \$\$\$\$\$\$
\$\$\$\$\$ USERNAME \$\$\$\$\$\$

6/2/09

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
B-4931	RW02C-1
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION</small>	



REVISIONS

SEE SHEET RW02C-2 FOR FURTHER ALIGNMENT DETAILS

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.
3. SEE SHEET RW02C-2 FOR FURTHER ALIGNMENT DETAILS

SCHEMATIC CONSTRUCTION


6/2/09

REVISIONS

02-DEC-2018 12:24
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 Bl Turner AT RAL-WS083

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
B-4931	RW02C-2
Location and Surveys	
	
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<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION</small>	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
	GPS1	GPS - 1	746660.5570	2416873.2650	46.39
	GPS2	GPS - 2	747561.4860	2417353.9820	47.32
	BL101	BL - 101	748109.9535	2417565.2101	48.18
	BL102	BL - 102	748509.1260	2417724.8253	50.11
	BL103	BL - 103	748981.2507	2417903.7761	47.50
	BL104	BL - 104	749399.9170	2418066.3369	54.25

 BM1 ELEVATION = 48.29
 N 747205 E 2417094
 BL STATION 10+84.00 62 LEFT
 RR SPIKE IN 14" PINE

 BM2 ELEVATION = 45.85
 N 748326 E 2417553
 BL STATION 23+05.00 92 LEFT
 RR SPIKE IN 12" PINE

EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
	PC	747413.988	2417275.987							
	CURVE			N 22°00'33.5" E	68.97	01°33'07.1"(LT)	02°15'00.0"	68.98	34.49	2546.48
	PT	747477.936	2417301.835							
	LINE			N 21°13'47.5" E	2124.54					
	POT	749458.294	2418071.154							

NOTES:

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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-4931	RW02D-1
Location and Surveys	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	

6/2/09

REVISIONS

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L

TYPE	STATION	NORTH	EAST
POT	10+00.00	747781.1058	2417419.6091
POT	23+97.94	749084.1758	2417925.8182

NOTES:

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REVISIONS

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PERMANENT EASEMENT CONTROL SHEET

<small>PROJECT REFERENCE NO.</small> B-4931	<small>SHEET NO.</small> RW03E-1
Location and Surveys	
	
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<small>PROJECT SURVEYOR</small>	
DocuSigned by:  22BA292F38A44E	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	15+50.00	60.00	748272.0535	2417674.6980
L	15+50.00	50.00	748275.6746	2417665.3766
L	15+55.00	-50.00	748316.5463	2417573.9737
L	15+55.00	-60.00	748320.1674	2417564.6523
L	16+40.00	50.00	748359.5668	2417697.9666
L	16+40.00	60.00	748355.9457	2417707.2879
L	17+35.00	-60.00	748487.9515	2417629.8321
L	17+35.00	-80.00	748495.1937	2417611.1894
L	17+35.00	50.00	748448.1196	2417732.3671
L	17+35.00	80.00	748437.2563	2417760.3311
L	18+35.00	80.00	748530.4698	2417796.5422
L	18+35.00	50.00	748541.3331	2417768.5781
L	18+50.00	-80.00	748602.3893	2417652.8321
L	18+50.00	-50.00	748591.5260	2417680.7962

I, ANTHONY K. ALFORD, 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 14th day of November, 2019.

DocuSigned by:

 22BA292F38A44E

 Professional Land Surveyor

L-4372
 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.

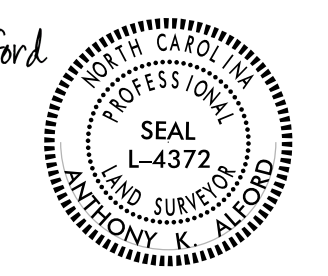
Location and Surveys

ETHERILL ENGINEERING
 1223 Jones Franklin Rd.
 Raleigh, N.C. 27606
 License No. F-0377
 Bus: 919 851 8077
 Fax: 919 851 8107

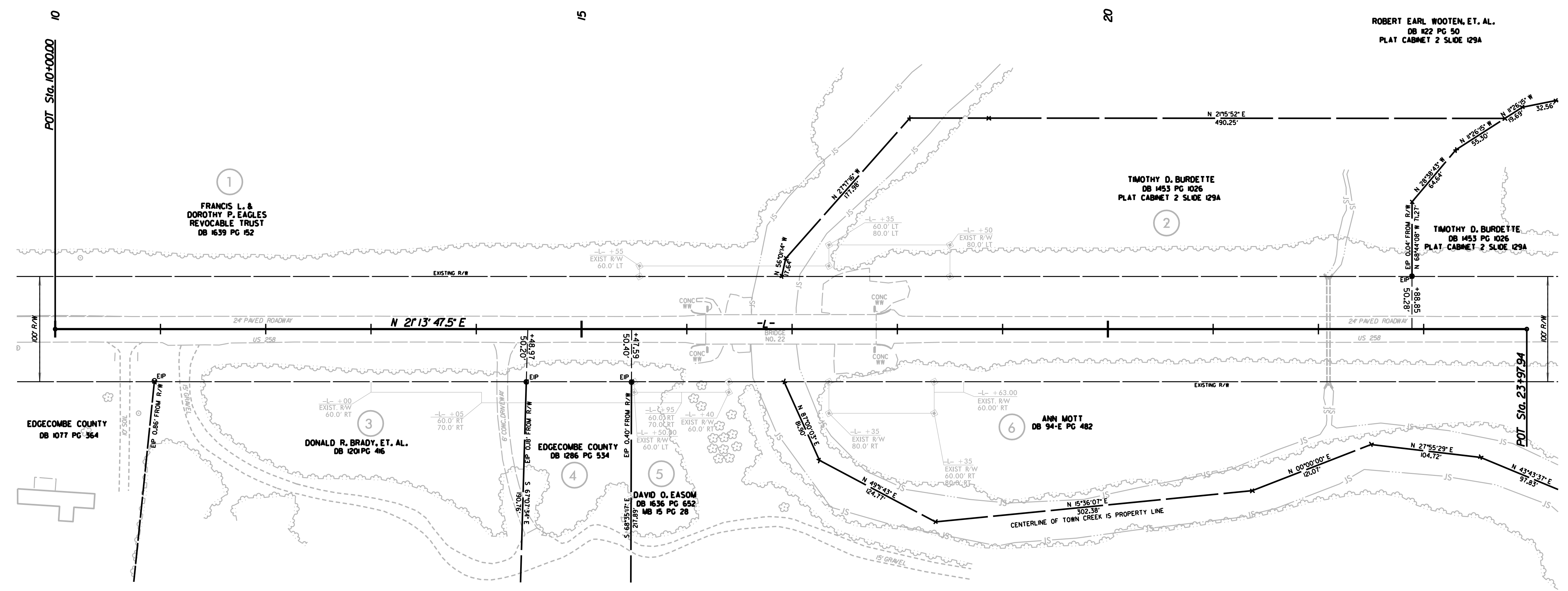
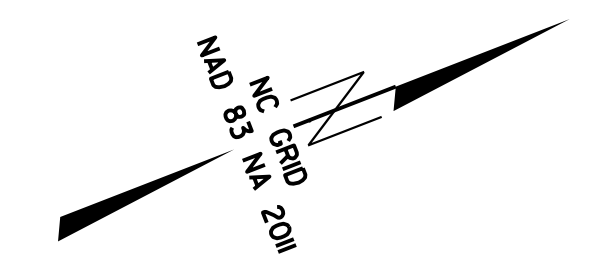
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CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION

PROJECT SURVEYOR

DocuSigned by:
Anthony K. Alford
228A282F38A44E



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



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Witness my original signature, registration number and seal this 13th day of November, 2019.

DocuSigned by:
Anthony K. Alford
228A282F38A44E
Professional Land Surveyor

L-4372
PLS # Seal

NOTES:

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