09/08/99

TIP PROJECT: R-5797

CONTRACT: C204571

$$$$SYSTIME$$$$

$$$$DGN$$$$

$$$$USERNAME$$$$

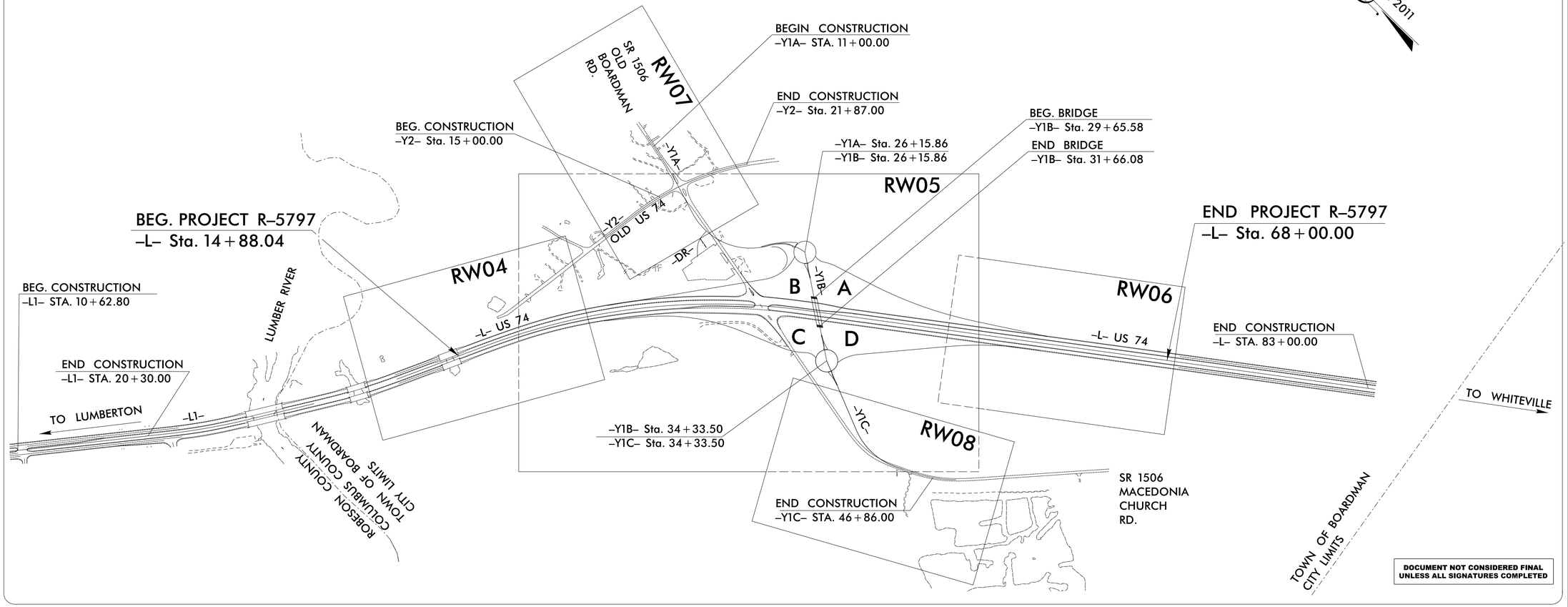
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5797	RW01	17

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
44997.2.1	NHPP-0074(215)	ROW/UTIL.

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

COLUMBUS COUNTY



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALE

50 25 0 50 100

PLANS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT GPS MONUMENT "R-5797-4" WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF NORTHING: 252670.283(ft) EASTING: 2011601.474(ft) ELEVATION: 83.899(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.09999718048
THE N.C. LAMBERT GRID BEARING AND ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE
4834 US HWY 301 S
HOPE MILLS, NC 28348

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:	*LETTING DATE:*
10/31/2018	*04/20/2021*

PROFESSIONAL LAND SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

DocuSigned by: John E. Kaukola Jr. 3/4/2021
F36095BAF7B8462...

SIGNATURE: *Date:*

STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION •

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-1

Location and Surveys

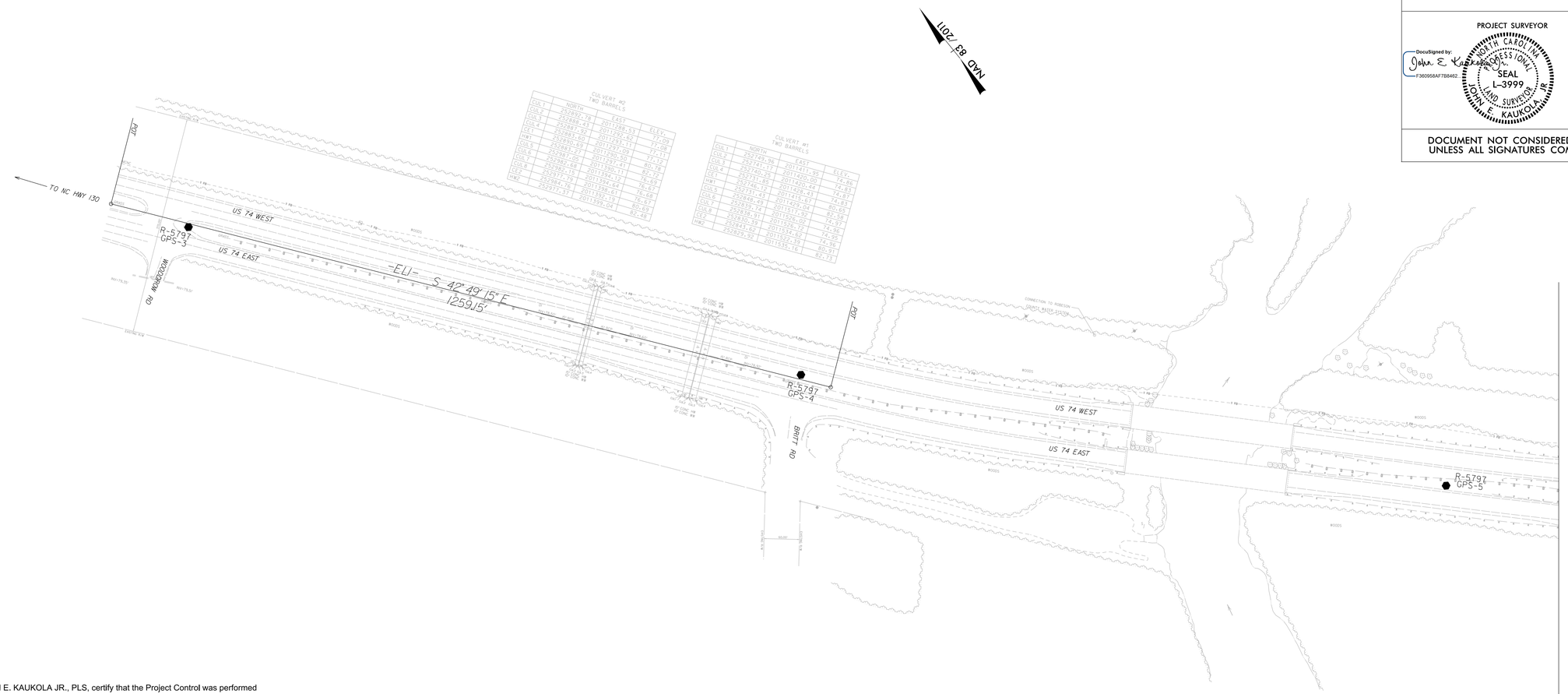
DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



I, JOHN E. KAUKOLA JR., PLS, certify that the Project Control was performed 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: Fast-Static
Dates of survey: January 4, 2018
Datum/Epoch:NAD83/NA2011
Published/Fixed-control use: Project Control
Localized around: R-5797-4
Northing:252670.283
Easting:2011601.474
Combined grid factor:0.09999718048
Geoid model:G12B
Units:US Survey Foot

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 August 2017 to January 2018 , and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

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.

16-FEB-2021 13:58
\\DIV06-314142\Projects\R_jobs\R-5797\E-row_sheets_210122\work\RW\r-5797_ls_rw02c-1.dgn
AT DIV06-312634
cmblackmon

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-2

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/2011

MATCHLINE SHEET RW02-1

MATCHLINE SHEET RW02-3

BL-101 BL-102 BL-103 BL-104 BL-105 BMI BYI-156 BYI-157 BYI-158

S 57° 06' 19" E 717.17' -EL-

N 74° 18' 21" W 1177.6' -EY1-

SR 1514 OLD US 74

US 74 WEST

US 74 EAST

PC PT

SUE WALTERS DB 526 PG 492

MARY IVEY, ET AL DB 6HPG 34

TOWN OF BOARDMAN

JOHN K. BENTON DB 769 PG 94

LOUISE LAWSON DB 759 PG 730

DONNIE LAWSON DB 801PG 84

RUSSELL D. TURBEVILLE DB 948 PG 71

TOWN OF BOARDMAN DB 854 PG 284

CAREY W.IVEY DB 389 PG 50

WOODS

POND

30' RIDE ROCK/GRAVEL DAM

I, JOHN E. KAUKOLA JR., PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

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Geoid model:G12B
Units:US Survey Foot

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This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

NOTES:

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REVISIONS 6/2/99

16-FEB-2021 14:00
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cmblackmon AT DIV06-31263

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

I, JOHN E. KAUKOLA JR., PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

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F360958AF7B8462...

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-3

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83/2011

MATCHLINE SHEET RW02C-2

MATCHLINE SHEET RW02C-4

574 OLD US 74 — EYIN 41 — 2013'

-EL- S 18°42'34"W 631.15'

OLD BOARDMAN RD SR-1506

BM2

BL-106

US 74 WEST

US 74 EAST

MACEDONIA CHURCH RD SR-1506

BL-107

BL-108

-EL- S 28°39'10" E 2129.29'

BL-109

-EYC- S 16°51'01"W 1069.90'

BY-152

SR 1506 MACEDONIA RD

BY-153

-EYC- S 17°18'00" E 617.15'

BM5

SR 1506 OLD BOARDM

-EYC-

S 40°23'42" E 509.72'

BY-155

SUE H. WALTERS DB 526 PG 492

CHEN TIMBER, LLC DB 875 PG 521

WOODS

EXISTING R/W

NOTES:

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

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REVISIONS

6/2/99

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cmblackmon AT DIV06-312634

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-4

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

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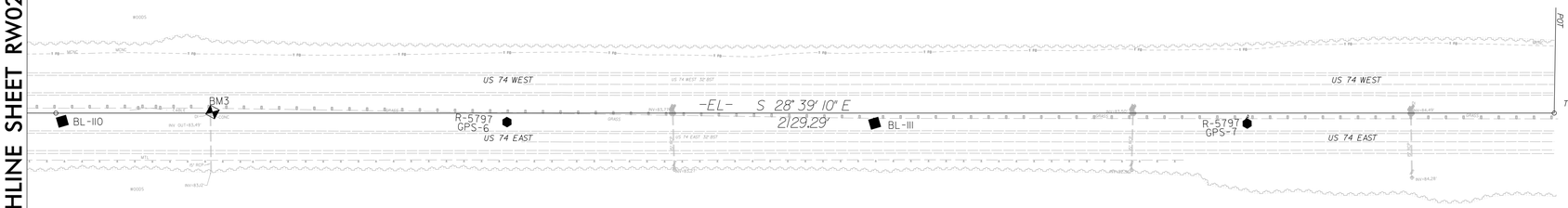
Professional Land Surveyor L-3999

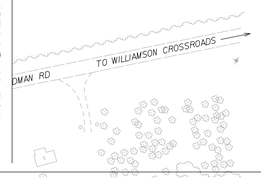
NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

NAD 83/2011

MATCHLINE SHEET RW02C-3



MATCHLINE SHEET RW02C-5



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16-FEB-2021 14:03
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cmblackmon AT DIV06-312634

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-5

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7BB462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

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This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
F360958AF7BB462...
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

MATCHLINE SHEET RW02C_4

NAD 83 /2011

BL-107 BL-108 BL-109 BL-110

-EL- S 28° 39' 10" E 2129.29'

BM2 BM5

MACEDONIA CHURCH RD SR-1506

SR 1506 MACEDONIA RD

SR 1506 OLD BOARDMAN RD

TO WILLIAMSON CROSSR

BY-152 BY-153 BY-154 BY-155

-EYC- S 18° 51' 01" W 1069.90'

-EYC- S 17° 18' 00" E 61.05'

-EYC- S 40° 23' 42" E 509.72'

PC PCC PT POT

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6/2/99

REVISIONS

16-FEB-2021 14:04
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cmblackmon AT DIV06-312634

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

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John E. Kaukola Jr.
F360958AF7B8462...

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-6

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

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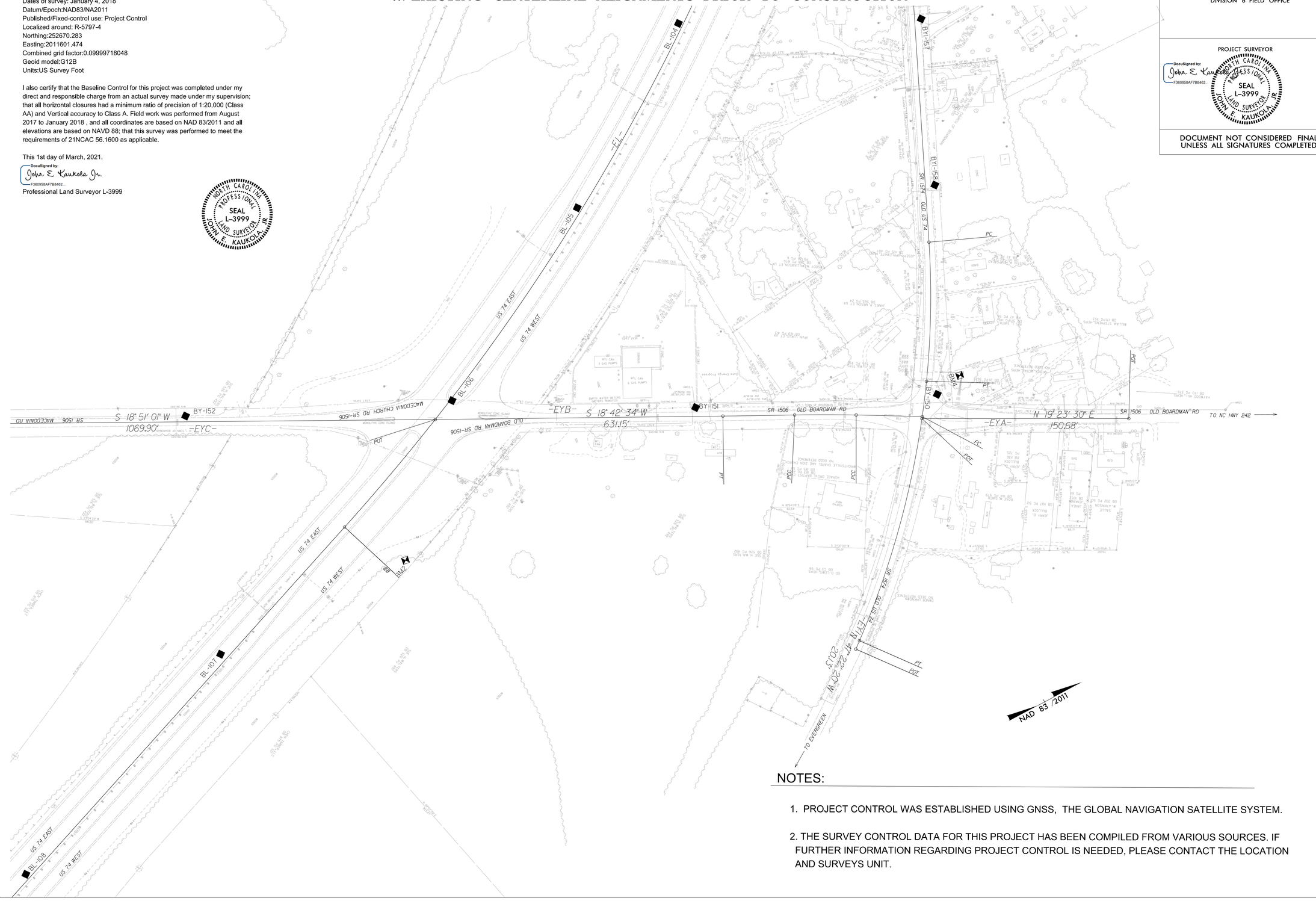

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16-FEB-2021406
\\DIV06-314142 Projects\R-jobs\R-5797\E-row_sheets_210122\work\RW\r5797_ls_rw02c-6.dgn
cmblackmon AT DIV06-312634

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-7

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola Jr. F360958AF7B8462...

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Geoid model:G12B
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Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

****
BM1 ELEVATION = 88.40
N 251289 E 2013306
SCRIBE IN END WALL
****
****
BM2 ELEVATION = 88.56
N 249559 E 2015219
BENCHTIE NAIL SET IN 48" PINE
****
****
BM3 ELEVATION = 86.63
N 247386 E 2016240
SCRIBE IN DI CONCRETE
****
****
BM4 ELEVATION = 90.66
N 250841 E 2015240
BENCHTIE NAIL SET IN 24" PECAN
****
****
BM5 ELEVATION = 86.42
N 247532 E 2015038
BENCHTIE NAIL SET IN 18" PINE
****

BL

POINT	DESC.	NORTH	EAST	ELEVATION
101	BL-101	251607.2870	2012826.0510	87.74
102	BL-102	251297.4820	2013322.8270	86.88
103	BL-103	250885.4800	2013900.4090	85.20
104	BL-104	250515.0710	2014307.0060	85.18
105	BL-105	250171.4250	2014614.6310	86.83
106	BL-106	249771.9980	2014922.3340	88.43
107	BL-107	249108.2630	2015278.3790	89.05
108	BL-108	248545.1070	2015591.8350	88.96
109	BL-109	248043.9060	2015864.8760	88.58
110	BL-110	247566.4720	2016125.8260	89.22

BY

POINT	DESC.	NORTH	EAST	ELEVATION
150	BY-150	250780.5410	2015262.7750	89.78
151	BY-151	250270.8850	2015114.0700	87.88
A106	BL-106	249771.9980	2014922.3340	88.43
152	BY-152	249209.2570	2014760.1440	86.09
153	BY-153	248613.7530	2014558.9730	85.21
154	BY-154	248086.4610	2014609.0430	84.90
155	BY-155	247515.8350	2014989.7310	85.21

BY1

POINT	DESC.	NORTH	EAST	ELEVATION
156	BY1-156	251201.4380	2013825.4070	87.28
157	BY1-157	251020.6330	2014474.3310	87.96
158	BY1-158	250928.0720	2014828.0200	88.83
A150	BY-150	250780.5410	2015262.7750	89.78

NOTES:

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16-FEB-2021 14:06
\\DIV06-SI41\Projects\R-jobs\R-5797\E-row_sheets_210122\work\RW\r-5797_ls_rw02c-7.dgn
cmblackmon AT DIV06-312634

6/2/99

REVISIONS

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	251565.594	2012907.817							
LINE			S 57°06'19.3" E	717.17					
PC	251176.101	2013510.004							
CURVE			S 42°52'44.5" E	2345.25	28°27'09.6"(RT)	01°12'02.8"	2369.52	1209.72	4771.56
PT	249457.524	2015105.834							
LINE			S 28°39'09.8" E	2139.40					
POT	247580.108	2016131.676							
LINE			S 28°41'09.1" E	2129.29					
POT	245712.153	2017153.752							

EL1

POINT	N	E	BEARING	DIST
POT	253548.888	2010776.651		
LINE			S 42°49'15.1" E	1259.15
POT	252625.321	2011632.508		

ELORIGINAL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	251565.594	2012907.817							
LINE			S 57°06'19.3" E	717.17					
PC	251176.101	2013510.004							
CURVE			S 42°52'44.5" E	2345.25	28°27'09.6"(RT)	01°12'02.8"	2369.52	1209.72	4771.56
PT	249457.524	2015105.834							
LINE			S 28°39'09.8" E	2857.86					
POT	246949.635	2016476.174							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	250426.600	2015730.699							
LINE			N 47°22'20.4" W	20.13					
PC	250440.233	2015715.887							
CURVE			N 56°07'08.7" W	587.53	17°29'36.6"(LT)	02°57'57.3"	589.82	297.22	1931.81
PCC	250767.763	2015228.121							
CURVE			N 69°35'09.1" W	305.25	09°26'24.0"(LT)	03°05'20.5"	305.60	153.15	1854.82
PT	250874.236	2014942.039							
LINE			N 74°18'21.1" W	1177.61					
POT	251192.781	2013808.334							

EYA

POINT	N	E	BEARING	DIST
POT	250731.219	2015301.884		
LINE			N 19°23'30.2" E	453.83
POT	251159.303	2015452.567		

EYB

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	250733.242	2015298.000							
CURVE			S 20°47'03.2" W	144.94	00°32'35.2"(LT)	00°22'28.9"	144.94	72.47	15291.27
PCC	250597.730	2015246.566							
CURVE			S 19°25'17.8" W	134.98	02°10'55.7"(LT)	01°36'59.4"	134.99	67.50	3544.43
PCC	250470.427	2015201.682							
CURVE			S 18°31'11.9" W	157.44	00°22'44.0"(RT)	00°14'26.4"	157.44	78.72	23808.31
PT	250321.144	2015151.675							
LINE			S 18°42'33.9" W	631.15					
POT	249723.343	2014949.221							

EYC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	249723.459	2014949.147							
LINE			S 18°51'01.1" W	1069.90					
PC	248710.939	2014603.464							
CURVE			S 16°35'13.4" W	145.48	04°31'35.4"(LT)	03°06'38.6"	145.51	72.79	1841.88
PCC	248571.517	2014561.935							
CURVE			S 01°41'52.2" W	243.79	25°15'07.1"(LT)	10°16'27.4"	245.78	124.92	557.66
PCC	248327.830	2014554.712							
CURVE			S 14°06'50.6" E	106.79	06°22'18.4"(LT)	05°57'48.0"	106.85	53.48	960.80
PT	248224.260	2014580.754							
LINE			S 17°17'59.8" E	61.05					
PC	248165.969	2014598.909							
CURVE			S 19°45'14.9" E	163.45	04°54'30.2"(LT)	03°00'07.5"	163.50	81.80	1908.54
PCC	248012.138	2014654.153							
CURVE			S 29°18'43.8" E	240.15	14°12'27.6"(LT)	05°54'03.6"	240.77	121.00	970.95
PCC	247802.735	2014771.723							
CURVE			S 38°24'19.9" E	148.92	03°58'44.6"(LT)	02°40'17.0"	148.95	74.51	2144.80
PT	247686.035	2014864.236							
LINE			S 40°23'42.2" E	509.72					
POT	247297.837	2015194.561							

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-8

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, JOHN E. KAUKOLA JR., PLS, certify that the Project Control was performed 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: Fast-Static
Dates of survey: January 4, 2018
Datum/Epoch:NAD83/NA2011
Published/Fixed-control use: Project Control
Localized around: R-5797-4
Northing:252670.283
Easting:2011601.474
Combined grid factor:0.09999718048
Geoid model:G12B
Units:US Survey Foot

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 August 2017 to January 2018
, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462...
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

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.

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cmblackmon
AT DIV06-312634

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02D-1

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola Jr.
F360958AF7B8462...

SEAL L-3999 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR JOHN E. KAUKOLA, JR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

This 1st day of March, 2020.

DocuSigned by: John E. Kaukola Jr.
F360958AF7B8462...

Professional Land Surveyor L-3999

SEAL L-3999 NORTH CAROLINA PROFESSIONAL LAND SURVEYOR JOHN E. KAUKOLA, JR

DRI

TYPE	STATION	NORTH	EAST
POT	10+00.00	250318.3083	2014954.9904
PC	10+59.13	250353.9128	2015002.2035
PT	11+70.98	250383.4079	2015107.4253
POT	12+12.12	250379.3207	2015148.3591

DR2

TYPE	STATION	NORTH	EAST
POT	10+00.00	250053.2136	2014963.6680
PC	10+42.32	250038.3513	2015003.2921
PT	11+73.23	250048.1715	2015129.7066
POT	12+63.83	250092.7064	2015208.6011

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	251565.5936	2012907.8170
TS	15+91.16	251244.5363	2013404.1980
SC	18+41.16	251106.9400	2013612.9166
CS	39+62.39	249565.2702	2015044.4739
ST	42+12.39	249346.9457	2015166.2548
POT	83+52.24	245714.0561	2017151.3082

L1

TYPE	STATION	NORTH	EAST
POT	10+00.00	253548.6186	2010775.5043
PC	21+66.13	252693.9269	2011568.8280
PT	27+83.55	252269.1465	2012016.3272
POT	32+81.50	251949.8439	2012398.4320

RAB

TYPE	STATION	NORTH	EAST
PC	10+00.00	249762.2225	2015511.2268
PT	15+15.22	249762.2222	2015511.2271

RCD

TYPE	STATION	NORTH	EAST
PC	10+00.00	249155.8425	2014962.7424
PT	15+15.22	249155.8422	2014962.7427

RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	247892.1599	2016022.7023
TS	14+41.41	248293.3356	2015838.5831
SC	16+57.41	248490.7034	2015750.8530
CS	22+31.91	249038.9528	2015582.1474
ST	24+47.91	249251.4981	2015543.7402
PC	26+60.26	249460.9032	2015508.4898
PRC	27+48.29	249544.4018	2015481.5996
PT	28+28.84	249622.5571	2015478.7216

RPB

TYPE	STATION	NORTH	EAST
POT	10+00.00	250641.4172	2014269.0866
PC	21+80.62	249821.5316	2015118.5896
PT	24+70.05	249743.2009	2015385.6692

RPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	250591.2625	2014165.2927
TS	11+64.24	250470.1698	2014276.2540
SC	14+14.24	250281.2894	2014439.9172
CS	19+07.35	249849.1071	2014672.6998
ST	21+57.35	249608.5168	2014740.3588
PC	23+48.70	249422.9387	2014787.0266
PRC	25+35.13	249254.5525	2014864.5185
PT	26+22.25	249171.5001	2014878.1346

RPD

TYPE	STATION	NORTH	EAST
TS	10+00.00	247874.9053	2015909.0594
SC	12+16.00	248062.9278	2015802.7777
CS	15+68.13	248350.5588	2015600.1549
ST	17+84.13	248513.9375	2015458.8904
PC	23+47.27	248934.5777	2015084.4665
PT	25+13.83	249022.1838	2014945.3846

WALL_1

TYPE	STATION	NORTH	EAST
PC	10+00.00	250298.6695	2015113.0495
PRC	10+22.99	250276.6785	2015119.3459
PT	12+46.31	250066.5699	2015189.6814

WALL_2

TYPE	STATION	NORTH	EAST
POT	17+00.00	250176.5265	2014793.2496
POT	20+00.00	249968.1832	2015009.1039

WALL_DR1/Y1A

TYPE	STATION	NORTH	EAST
PC	10+00.00	250322.7368	2015013.1792
PRC	11+40.38	250276.6785	2015119.3459
PT	13+63.69	250066.5699	2015189.6814

WALL_RPB

TYPE	STATION	NORTH	EAST
POT	17+00.00	249968.1832	2015009.1039
POT	20+00.00	250176.5265	2014793.2496

Y1A

TYPE	STATION	NORTH	EAST
POT	10+00.00	251159.3030	2015452.5670
PC	11+83.19	250986.5024	2015391.7424
PT	14+33.20	250755.5756	2015296.2515
PC	16+71.88	250540.2180	2015193.3483
PRC	23+34.94	249944.8444	2015337.6693
PT	26+15.86	249701.4093	2015456.2199

Y1A_S

TYPE	STATION	NORTH	EAST
PC	23+49.31	249923.6213	2015338.6241
PT	26+06.06	249758.9485	2015253.3505
POT	26+06.06	249758.9485	2015253.3505

Y1B

TYPE	STATION	NORTH	EAST
POT	26+15.86	249701.4093	2015456.2199
POT	34+33.50	249095.0294	2014907.7356

Y1C

TYPE	STATION	NORTH	EAST
POT	34+33.50	249095.0294	2014907.7356
PC	39+86.47	248617.5765	2014628.7830
PT	44+01.82	248216.6583	2014583.1193
PC	44+54.88	248166.0033	2014598.8965
PCC	46+18.46	248012.0964	2014654.1711
PT	48+59.18	247802.7351	2014771.7229

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	250951.1810	2014668.1914
PC	12+78.86	250875.7488	2014936.6553
PT	21+77.02	250442.1544	2015713.8001
POT	21+99.99	250426.6000	2015730.6990

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	250401.0309	2014219.1849
PC	11+32.43	250304.0334	2014309.3516
PRC	24+76.99	249051.3540	2014548.5631
PT	27+24.36	248836.7189	2014623.3417
POT	28+39.61	248778.5810	2014722.8501

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.

REVISIONS

6/2/99

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6/2/99

REVISIONS

RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW03E-1

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E Kaukola Jr.
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E Kaukola Jr.

Professional Land Surveyor L-3999

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST	REMARKS
Y1A	13+38.44	24.88	250851.6927	2015312.4861	EIP
Y1A	13+74.51	-37.98	250793.3422	2015355.5555	
Y1A	15+00.00	65.00	250723.3305	2015208.8048	
Y1A	15+34.29	-47.94	250643.7003	2015295.9239	
Y1A	17+59.00	-63.08	250442.0835	2015223.8863	
Y1A	17+65.00	94.00	250476.4719	2015070.4998	
Y1A	19+00.00	-60.00	250320.6670	2015206.0862	
Y1A	19+35.89	44.62	250278.9874	2015103.9094	
Y1A	19+48.65	-70.00	250279.4181	2015219.1906	
Y1A	20+00.00	47.39	250209.3415	2015112.6820	
Y1A	20+48.70	46.67	250158.2341	2015128.1766	
Y1A	20+50.00	-75.00	250196.7597	2015243.5975	
Y1A	22+00.00	-100.00	250100.2261	2015322.8763	
Y1A	23+50.00	-125.00	250031.0805	2015429.9157	
Y1A	24+50.00	-145.00	249933.8875	2015538.4218	
Y1A	25+35.00	-185.00	249828.0316	2015625.6277	
Y1A	26+12.00	-218.00	249704.8064	2015674.2526	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPC	22+61.98	103.04	249481.9113	2014665.9453

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1C	36+00.00	180.00	249042.0709	2014668.3246
Y1C	37+00.00	-140.00	248794.2996	2014894.1771
Y1C	38+37.34	-111.23	248690.2268	2014800.0571
Y1C	39+51.00	116.77	248707.1101	2014545.8561
Y1C	40+00.00	110.00	248658.7035	2014525.6720
Y1C	41+00.00	100.00	248543.6303	2014487.6005
Y1C	42+45.00	90.00	248372.2468	2014470.5416
Y1C	43+82.55	-29.71	248242.8969	2014606.4287
Y1C	44+00.00	75.00	248196.3542	2014510.8958
Y1C	44+54.91	75.00	248143.6668	2014527.3021
Y1C	44+54.91	30.00	248157.0454	2014570.2674

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPA	15+90.23	84.86	248463.0161	2015855.0031
RPA	16+57.41	80.00	248521.4343	2015824.7152
RPA	22+31.91	80.00	249055.0636	2015660.5083
RPA	26+00.00	100.00	249418.0824	2015617.1051

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
DRI	10+40.00	-30.00	250366.3450	2014968.8639
DRI	10+74.55	77.81	250295.9406	2015055.1995
DRI	10+91.02	-69.87	250433.6808	2015000.1570

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPD	17+80.46	-50.00	248477.9565	2015423.9791
RPD	23+50.00	-125.00	248852.6409	2014990.0438

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST	REMARKS
Y2	15+00.00	29.73	250776.2570	2015134.3260	
Y2	15+86.53	-53.95	250818.0174	2015247.6255	EIP
Y2	17+47.94	-29.92	250720.9626	2015383.0855	
Y2	17+53.41	30.08	250666.1925	2015357.9700	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPB	18+90.98	-29.66	250044.0184	2014930.7793
RPB	19+90.90	-29.61	249974.5892	2015002.6352
RPB	20+33.42	-80.08	249981.3809	2015068.2828

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021 .

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6/2/99

REVISIONS

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW03E-2

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F36095BAF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
Professional Land Surveyor L-3999

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1C	36+05.52	195.32	249045.0313	2014652.3083
Y1C	40+93.00	129.00	248560.6380	2014462.5853
Y1C	40+93.00	146.00	248565.9161	2014446.4255
Y1C	41+12.00	146.00	248542.4421	2014439.2489
Y1C	41+12.00	126.00	248536.9593	2014458.4827
Y1C	41+53.00	107.00	248483.3779	2014465.0863
Y1C	42+45.00	105.00	248372.4232	2014455.5413
Y1C	43+70.00	-38.77	248256.4706	2014612.3041
Y1C	43+70.00	-75.00	248265.0234	2014647.5122
Y1C	44+00.00	90.00	248191.9464	2014496.5559
Y1C	44+35.00	-75.00	248207.2822	2014664.5955
Y1C	44+35.00	-30.00	248193.9004	2014621.6313
Y1C	44+54.91	90.00	248139.2072	2014512.9804
Y1C	46+86.00	30.00	247937.2594	2014654.9376
Y1C	46+86.00	48.00	247929.3136	2014638.7871

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y2	17+82.00	-51.00	250721.6335	2015423.7461
Y2	17+82.00	-29.89	250703.4988	2015412.9445
Y2	17+93.00	-51.00	250715.8263	2015433.4322
Y2	17+93.00	-29.88	250697.7464	2015422.5217
Y2	18+85.00	30.17	250597.7025	2015467.8661
Y2	18+85.00	40.00	250589.5368	2015462.3857
Y2	19+15.00	30.17	250581.0519	2015492.2494
Y2	19+15.00	40.00	250572.9778	2015486.6446
Y2	20+00.00	30.16	250531.8441	2015559.8966
Y2	20+00.00	52.00	250514.4737	2015546.6565
Y2	21+87.00	30.00	250413.3254	2015700.8230
Y2	21+87.00	52.00	250397.1384	2015685.9240

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST	REMARKS
L	31+29.00	-164.71	250352.0136	2014691.1457	EIP
L	31+79.00	-164.71	250312.3028	2014724.2890	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPB	17+70.50	-50.23	250142.4859	2014858.3726
RPB	19+12.98	-55.15	250047.0754	2014964.3135
RPB	19+46.47	-123.71	250073.1557	2015036.0162

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
RPC	22+40.69	114.29	249499.8221	2014649.8482

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1A	13+47.00	-35.84	250819.7796	2015364.8613
Y1A	13+47.00	-69.00	250806.6013	2015395.2856
Y1A	13+61.00	-69.00	250793.3915	2015389.5166
Y1A	13+61.00	-36.89	250806.3315	2015360.1277

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021 .

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cmblackmon AT DIV06-3126334

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW04

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola Jr.
F360958AF788462...

SEAL L-3999 — NORTH CAROLINA PROFESSIONAL LAND SURVEYOR — JOHN E. KAUKOLA, JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

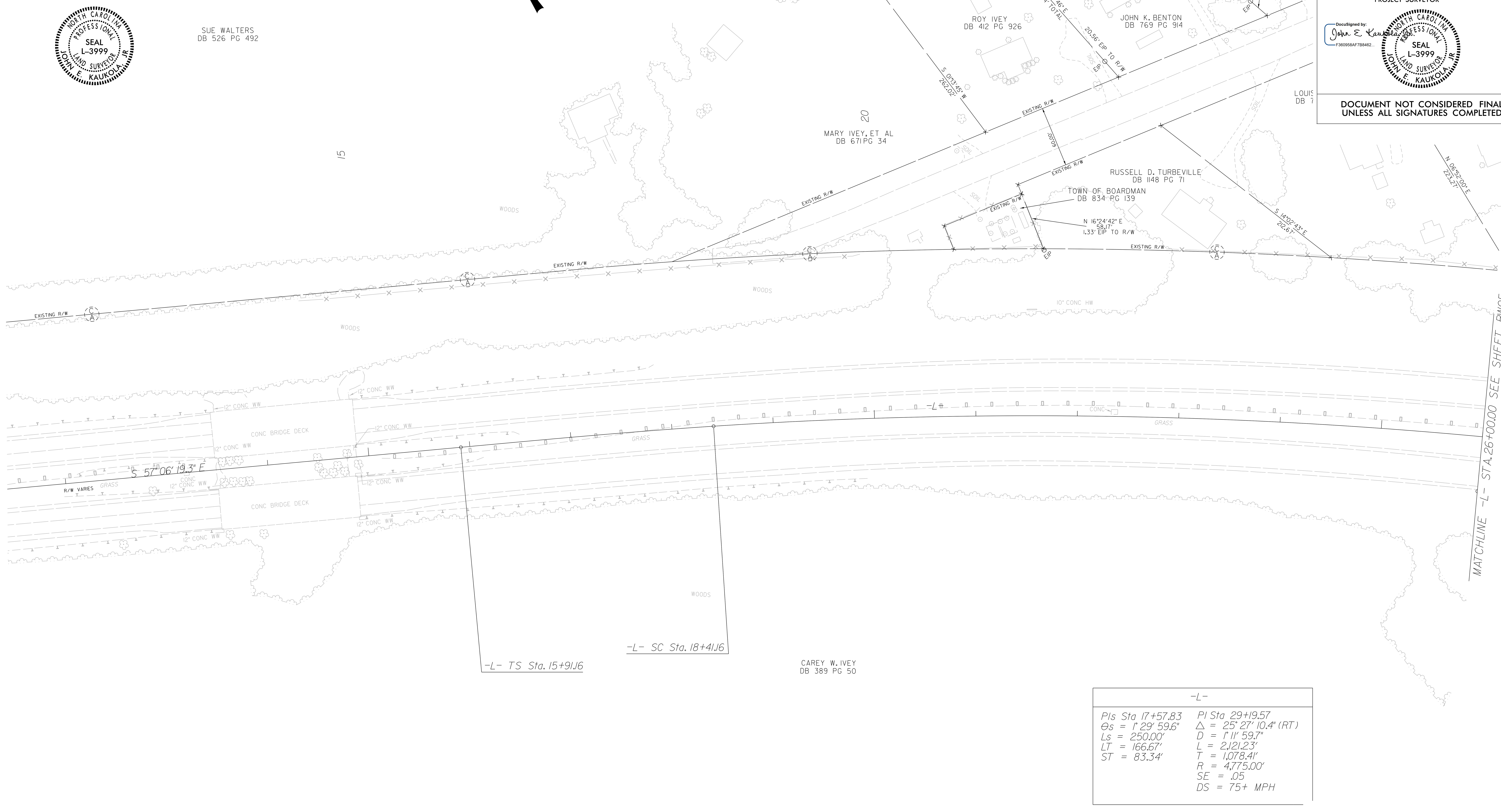
This 1st day of March, 2021.

DocuSigned by: John E. Kaukola Jr.
Professional Land Surveyor L-3999

SEAL L-3999 — NORTH CAROLINA PROFESSIONAL LAND SURVEYOR — JOHN E. KAUKOLA, JR.

REVISIONS

6/2/99



NOTES:

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2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021.

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cmblackmon AT DIV06-312634

6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW05

Location and Surveys

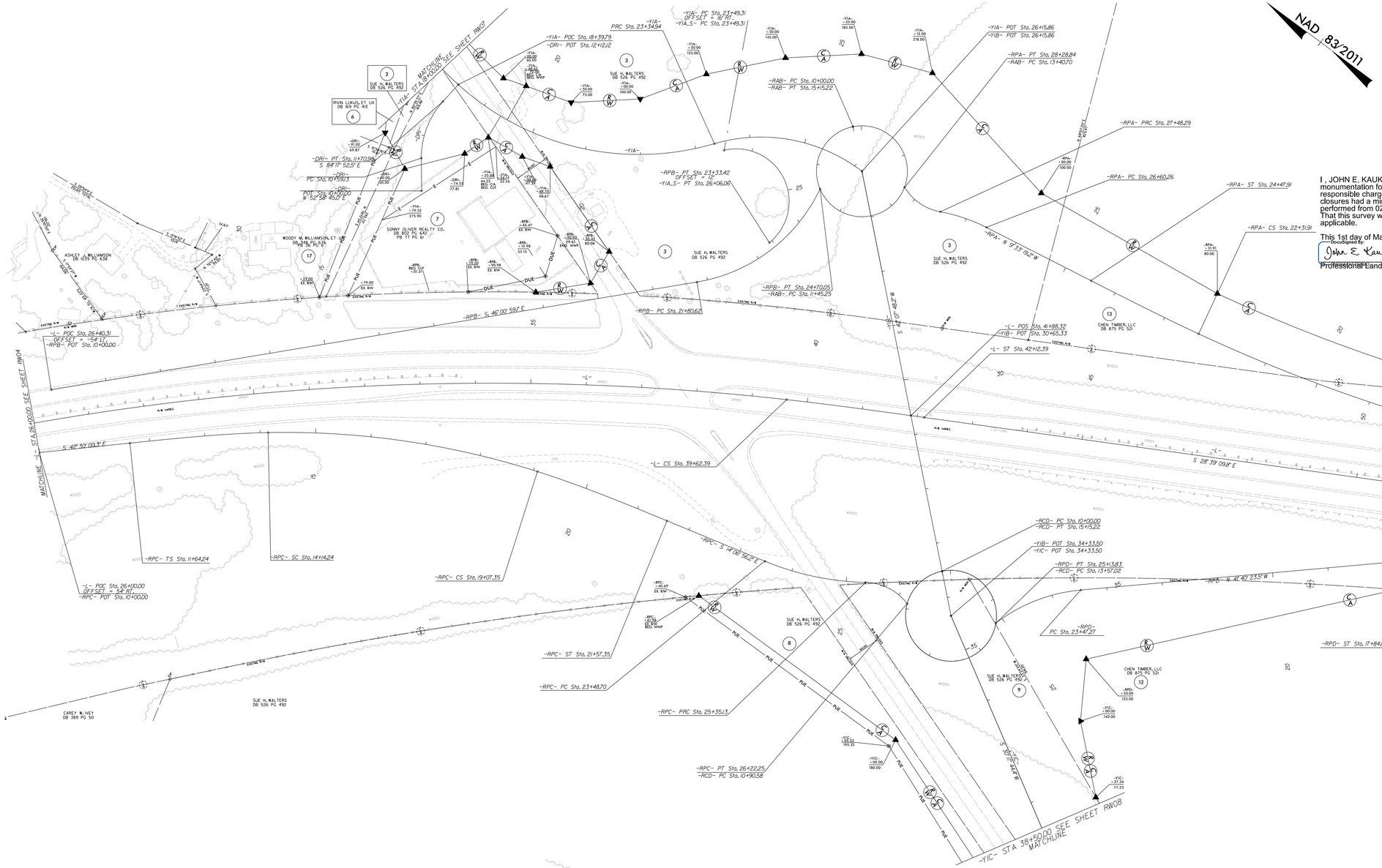
DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7BB462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



I, JOHN E. KAUKOLA JR., certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021.

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6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW06

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by:
John E. Kaukola Jr.
F360958AF7B8462

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

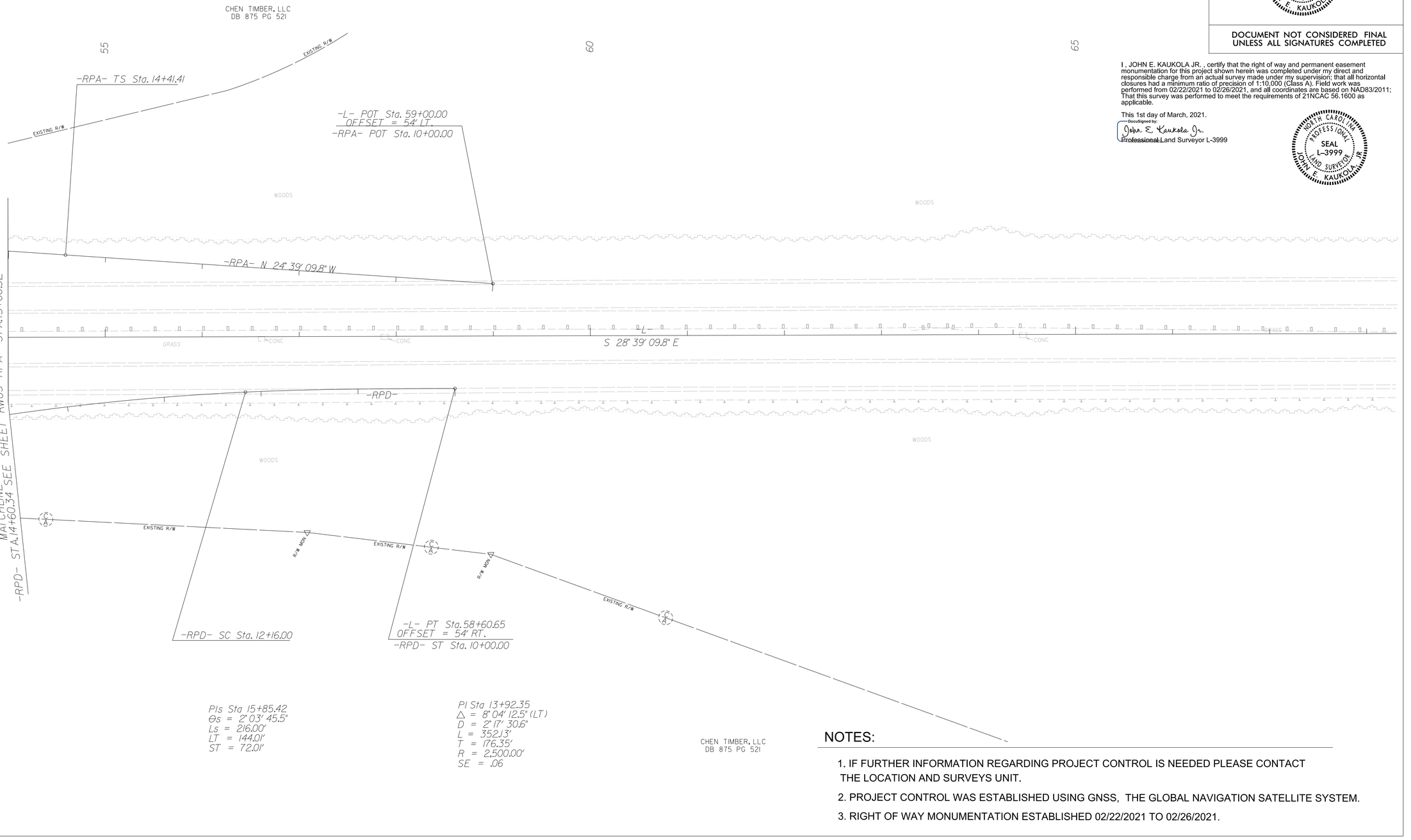
I, JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by:
John E. Kaukola Jr.
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR.

NAD 83 /2011



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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021.

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PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW07

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola Jr. F360958AF7B8462

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

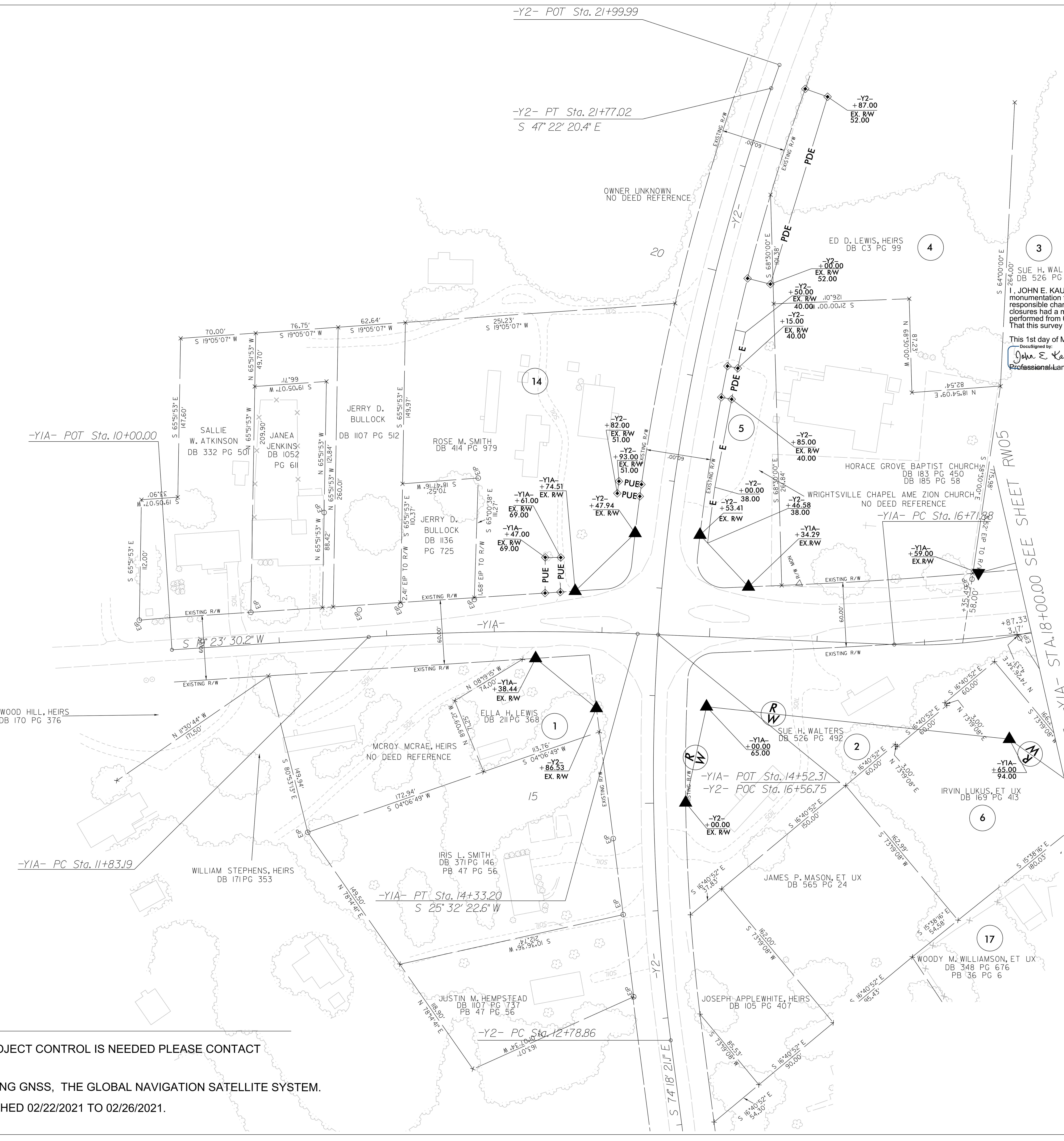
This 1st day of March, 2021.

DocuSigned by: John E. Kaukola Jr.
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

REVISIONS

6/2/99



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3. RIGHT OF WAY MONUMENTATION ESTABLISHED 02/22/2021 TO 02/26/2021.

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cmblackmon AT DIV06-31Z634

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW08

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E. Kaukola
F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83 /2011

-Y1C- STA 38+50.00 SEE SHEET RW05

S 30°17'44.4" W

-Y1C- PC Sta. 39+86.47

-Y1C- PT Sta. 44+01.82
S 17° 17' 59.8" E

-Y1C- PC Sta. 44+54.88
END C&G

-Y1C- PT Sta. 48+59.18

-Y1C- PCC Sta. 46+18.46

-Y1C- EXISTING R/W

SUE H. WALTERS
DB 526 PG 492
9

CHEN TIMBER, LLC
DB 875 PG 521
12

LOUISE LAWSON
DB 733 PG 730
11

LOUISE LAWSON
DB 733 PG 730
10

SUE H. WALTERS
DB 526 PG 492
8

RICHARD W. INMAN
DB 1025 PG 932
PB 39 PG 89
15

JAG & ASSOCIATES, LLC
DB 924 PG 433
16

WOODS

PUE

PDE

EXISTING R/W

60.00'

-Y1C- +50.00 117.00

-Y1C- +00.00 110.00

-Y1C- +93.00 129.00 146.00

-Y1C- +12.00 126.00 146.00

-Y1C- +00.00 100.00

-Y1C- +53.00 107.00

-Y1C- +45.00 105.00

-Y1C- +45.00 90.00 END C/A END WWF

-Y1C- +00.00 75.00

-Y1C- +00.00 90.00

-Y1C- +70.00 38.77 75.00

-Y1C- +82.55 EX. R/W END C/A END WWF

-Y1C- +35.00 EX.R/W 75.00

-Y1C- +54.91 EX. R/W 75.00

-Y1C- +54.91 90.00

-Y1C- +86.00 EX. R/W 48.00

N 76°34'20" E 130.32'

S 17°59'40" E 361.70'

S 17°59'20" W 95.94'

S 58°36'49" W 122.68'

N 60°18'00" E 292.07'

N 46°15'01" E 255.37'

N 61°39'30" W 167.71'

N 37°51'30" W 181.06'

N 22°08'30" E 302.28'

N 61°08'30" E 61.40'

N 87°46'30" E 152.67'

S 33°22'30" E 121.56'

N 36°53'30" W 123.00'

I , JOHN E. KAUKOLA JR. , certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from 02/22/2021 to 02/26/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by: John E. Kaukola Jr.
F360958AF7B8462...
Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA JR

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REVISIONS

6/2/99

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