

09/06/19

TIP PROJECT: B-4786

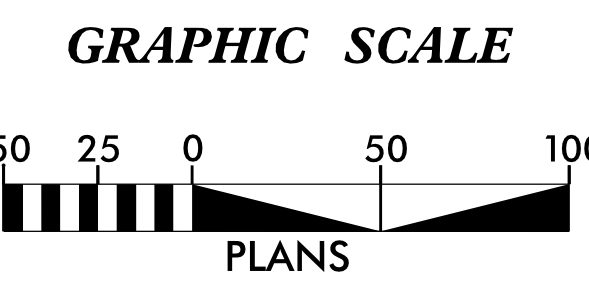
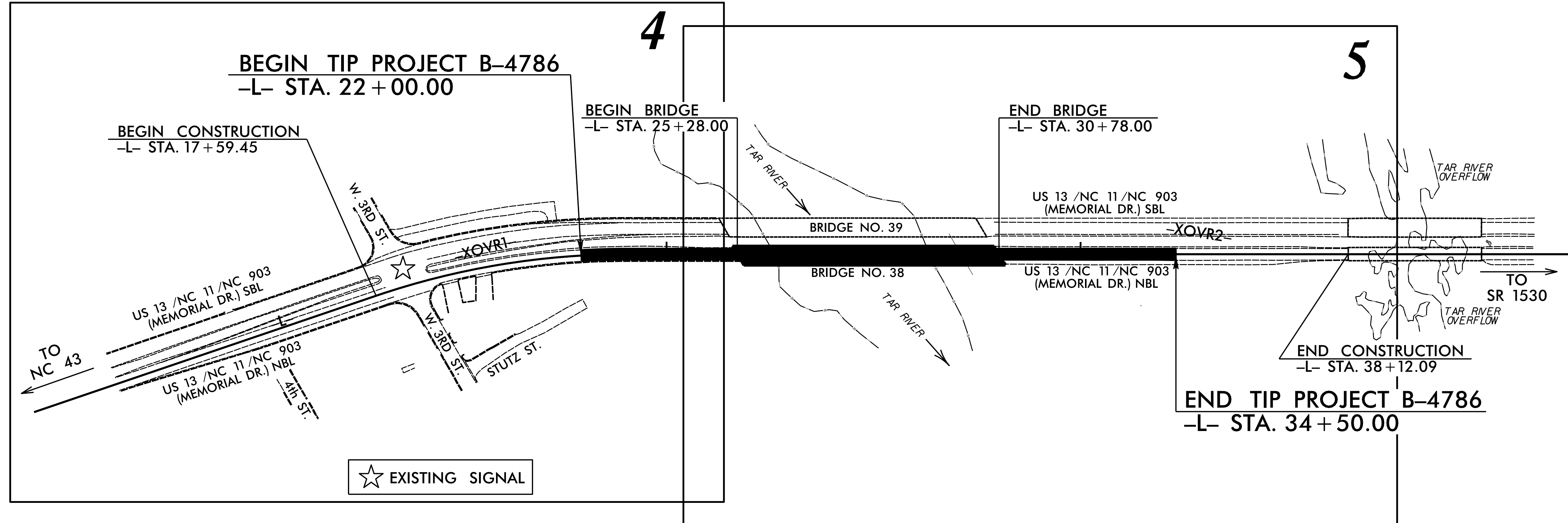
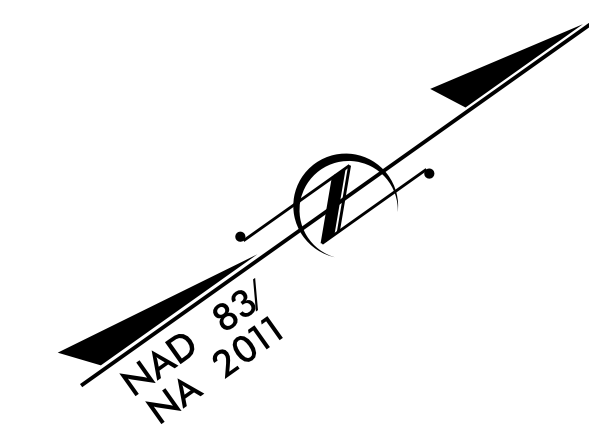
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

PITT COUNTY

LOCATION: REPLACE BRIDGE NO. 38 OVER THE TAR RIVER
ON US 13 IN GREENVILLE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4786	RW01	XX



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4786-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 684902.938(ft) EASTING: 2479208.341(ft) ELEVATION: 24.030(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999897787

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GRID DISTANCE FROM "B4786-1" TO -L- STATION 22+00.00 IS S 34-27'46.6" W 1904.25(ft)

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

Prepared in the Office of:

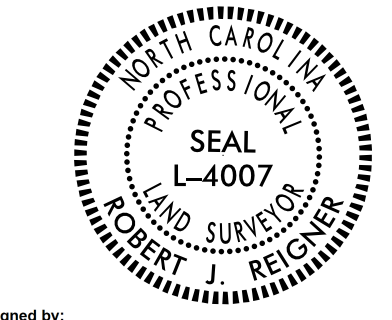
DIV.2 LOCATION & SURVEYS

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
04/16/2020

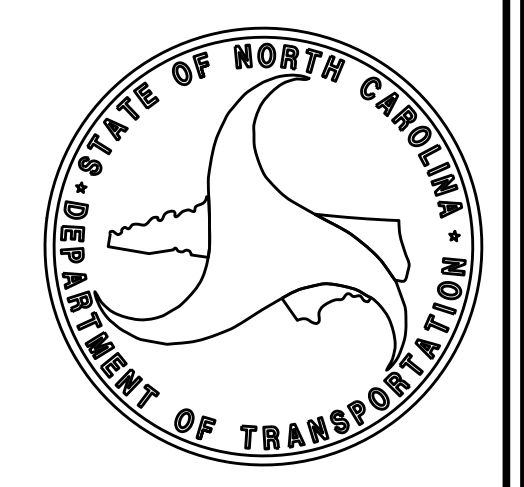
LETTING DATE:
05/18/2021

PROFESSIONAL LAND SURVEYOR



Decided by:
R.J. Reigner
SIGNATURE

Date:
6/15/2020



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

SURVEY CONTROL SHEET B-4786

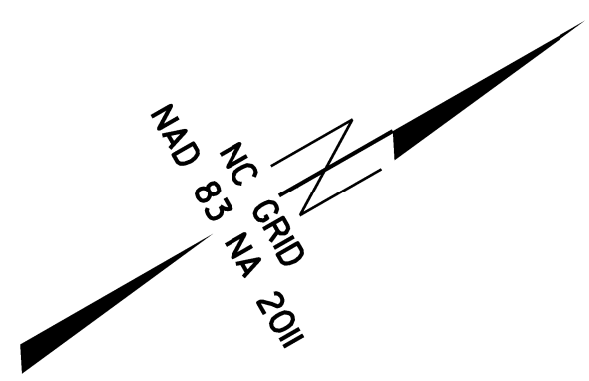
W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BASELINE

BL	POINT	DESC.	NORTH	EAST	ELEVATION
4		NCGS "LUPTON"	681729.4156	2477616.2273	60.90
3		GPS3	682300.3477	2477671.8301	44.13
5		5	682646.2630	2477765.3260	35.51
6		6	683043.3325	2477879.8586	30.38
7		7	683601.1105	2478284.8310	26.61
8		8	684056.1781	2478609.2298	26.99
9		9	684426.0396	2478871.6371	23.94
1		GPS1	684902.9380	2479208.3410	24.03

BENCHMARKS

BM1	ELEVATION	42.35
N 682701	E 2477934	
RR SPIKE IN BASE OF 36" TWIN WATER OAK 72" DIAMETER BASE		
BM2	ELEVATION	32.23
N 683236	E 2478119	
RR SPIKE IN BASE OF 14" ELM		
BM3	ELEVATION	26.64
N 684104	E 2478695	
RR SPIKE IN ASPHALT SHOULDER		
BM4	ELEVATION	24.66
N 684485	E 2478968	
RR SPIKE IN ASPHALT SHOULDER		

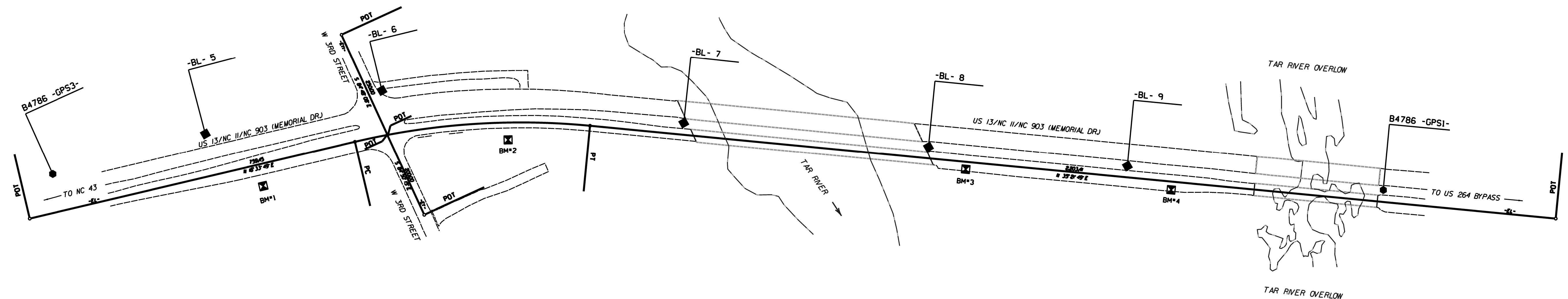


EXISTING ALIGNMENTS

EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	682204.573	2477733.717								
LINE				N 16°33'49.0" E	759.45					
PC	682932.509	2477950.220								
CURVE				N 25°57'49.0" E	534.74	18°48'00.0" (RT)	03°30'00.0"	537.14	271.01	1637.02
PT	683413.275	2478184.328								
LINE				N 35°21'49.0" E	2203.41					
POT	685210.144	2479459.580								

EY	POINT	N	E	BEARING	DIST
POT	683003.824	2477973.220			
LINE				S 84°50'15.3" E	200.00
POT	682985.828	2478172.409			

EY1	POINT	N	E	BEARING	DIST
POT	683026.780	2477724.355			
LINE				S 84°48'08.0" E	250.00
POT	683004.131	2477973.327			



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.

CUTLINE CONSTRUCTION LINE
 1/16" = 100'

REVISIONS

6/2/99

PROPOSED ALIGNMENT CONTROL SHEET B-4786

PROJECT REFERENCE NO. B-4786	SHEET NO. RW02D-1
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS	

DESIGN ALIGNMENTS

TYPE	STATION	L	
		NORTH	EAST
POT	10+00.00	682204.5728	2477733.7167
PC	17+59.45	682932.5085	2477950.2204
PT	22+96.59	683413.2752	2478184.3282
POT	45+00.00	685210.1440	2479459.5795

NOTES:

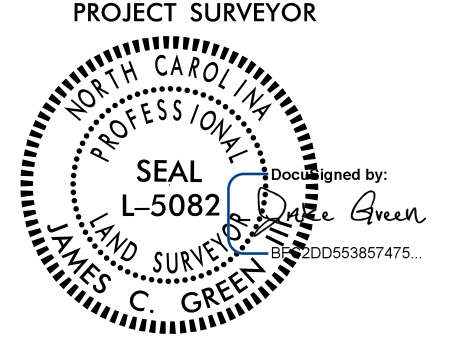
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATINO REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS

6/2/09

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RIGHT OF WAY CONTROL SHEET B-4786


PROJECT REFERENCE NO. B-4786	SHEET NO. RW02E-1
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Robert J. Reigner, 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 10th day of January, 2022


L-5082
Professional Land Surveyor
PLS #
Seal

ROW & EASEMENT POINTS

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	30+36.00	73.00	683974.0088	2478671.8011
L	30+47.00	95.00	683970.2464	2478696.1084
L	33+00.00	95.00	684176.5668	2478842.5356
L	33+50.00	73.00	684230.0744	2478853.5328
L	33+50.00	80.00	684226.0230	2478859.2413

NOTES:

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

REVISIONS

I, James C. Green, III, 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, Property, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

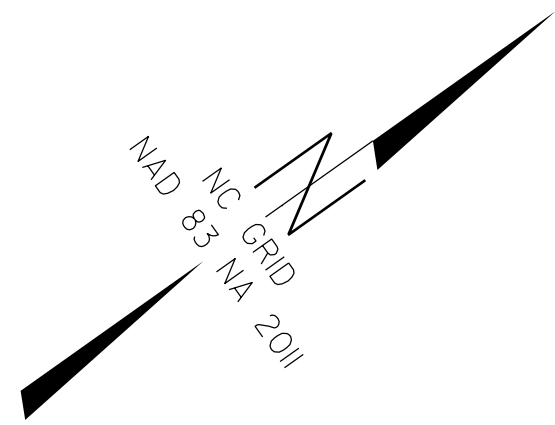
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I further certify that the property lines shown were compiled under my responsible charge from deeds and plats of record, and limited field surveys; that the existing property related markers as shown were field surveyed from existing survey control by others (see notes on control sheets); that the property lines compiled do not represent a boundary survey; that the parcels shown were compiled without the benefit of title reports and may be subject to or encumbered by easements, rights of way and other title matters not shown herein.

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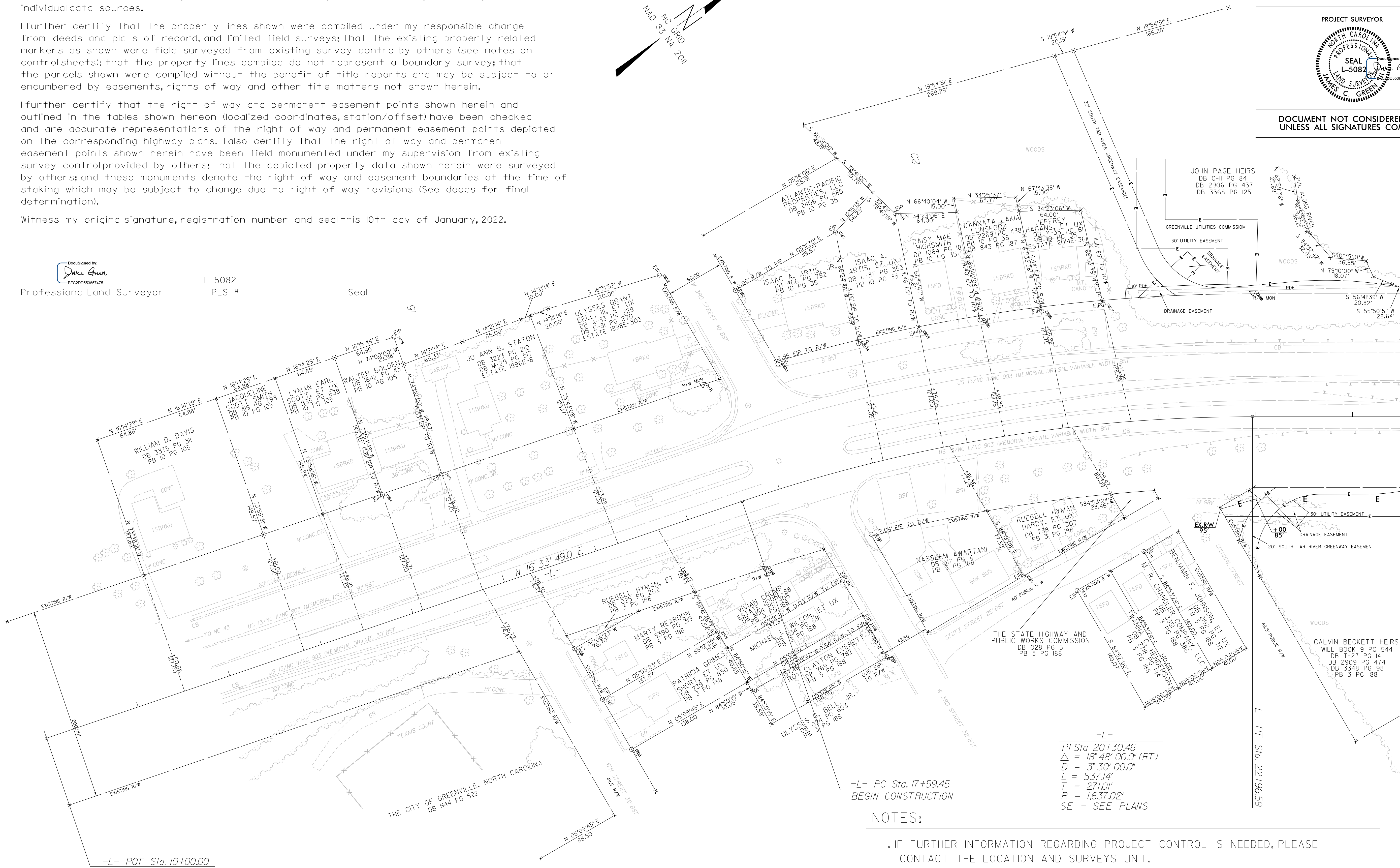
Witness my original signature, registration number and seal this 10th day of January, 2022.

DocuSigned by: **James C. Green**
Professional Land Surveyor L-5082
PLS # Seal



PROJECT REFERENCE NO.	SHEET NO.
B-4786	RW04
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS	
PROJECT SURVEYOR	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS



-L-
 PI Sta 20+30.46
 $\Delta = 18' 48' 00.0''$ (RT)
 $D = 3' 30' 00.0''$
 $L = 537.14'$
 $T = 271.01'$
 $R = 1,637.02'$
 SE = SEE PLANS

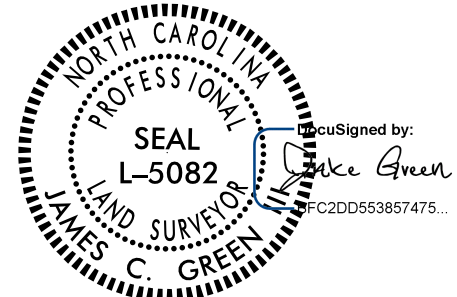
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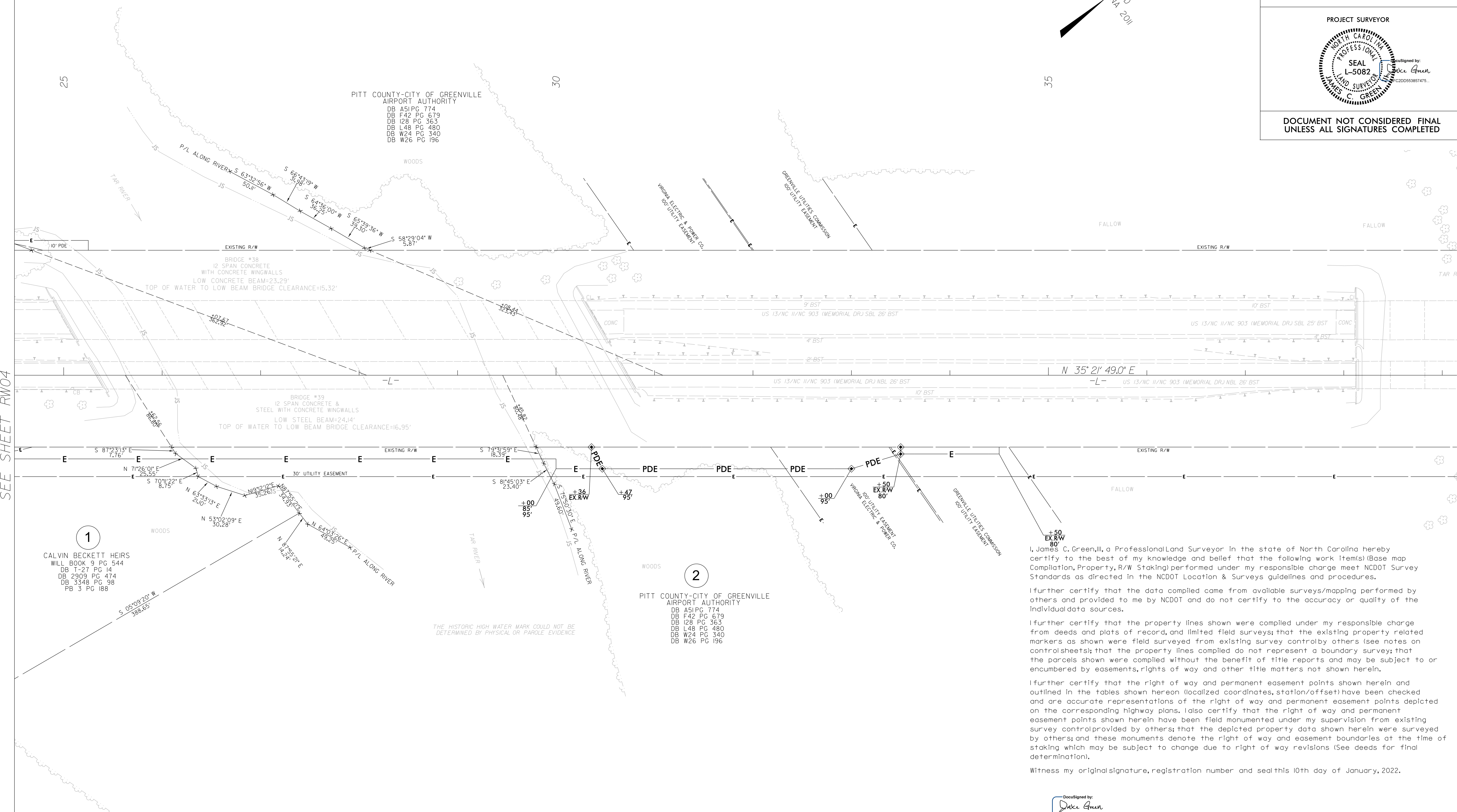
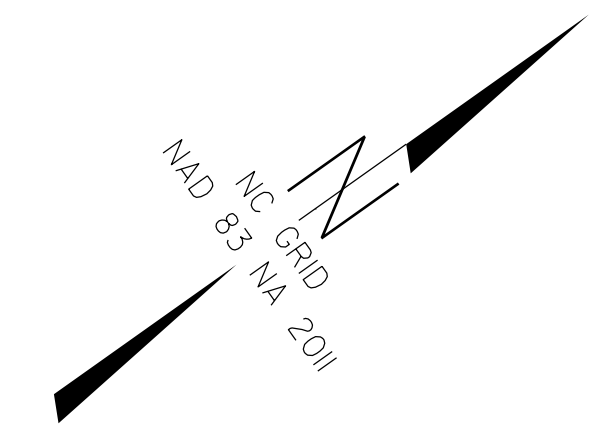
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- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 06/08/20 TO 11/19/22

MATCHLINE -L- STA. 24+50.00
SEE SHEET RW05

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L-5082

6/2/09

PROJECT REFERENCE NO. B4786	SHEET NO. RW05
Location and Surveys	
DIVISION 2 LOCATION & SURVEYS	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS

MATCHLINE -L- STA. 24+50.00
SEE SHEET RW04

1
CALVIN BECKETT HEIRS
WILL BOOK 9 PG 544
DB 1-27 PG 14
DB 2909 PG 474
DB 3348 PG 98
PB 3 PG 188

2
PITT COUNTY-CITY OF GREENVILLE
AIRPORT AUTHORITY
DB A51 PG 774
DB F42 PG 679
DB I28 PG 363
DB L48 PG 480
DB W24 PG 340
DB W26 PG 196

THE HISTORIC HIGH WATER MARK COULD NOT BE DETERMINED BY PHYSICAL OR PAROLE EVIDENCE

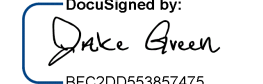
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Witness my original signature, registration number and seal this 10th day of January, 2022.

DocuSigned by:

Professional Land Surveyor L-5082 PLS # Seal

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- RIGHT OF WAY MONUMENTATION ESTABLISHED FROM 06/08/20 TO 11/19/22.

I:\AN_2022\06_48\B4786\RW_Sheets\B4786.LS-RW05.dgn
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