

09/06/21

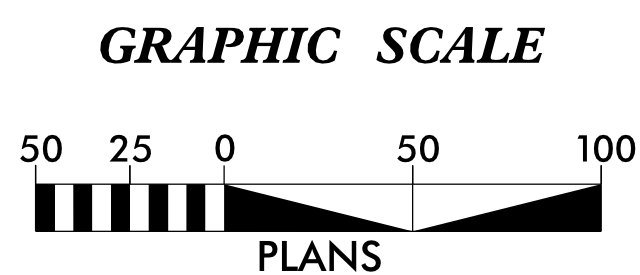
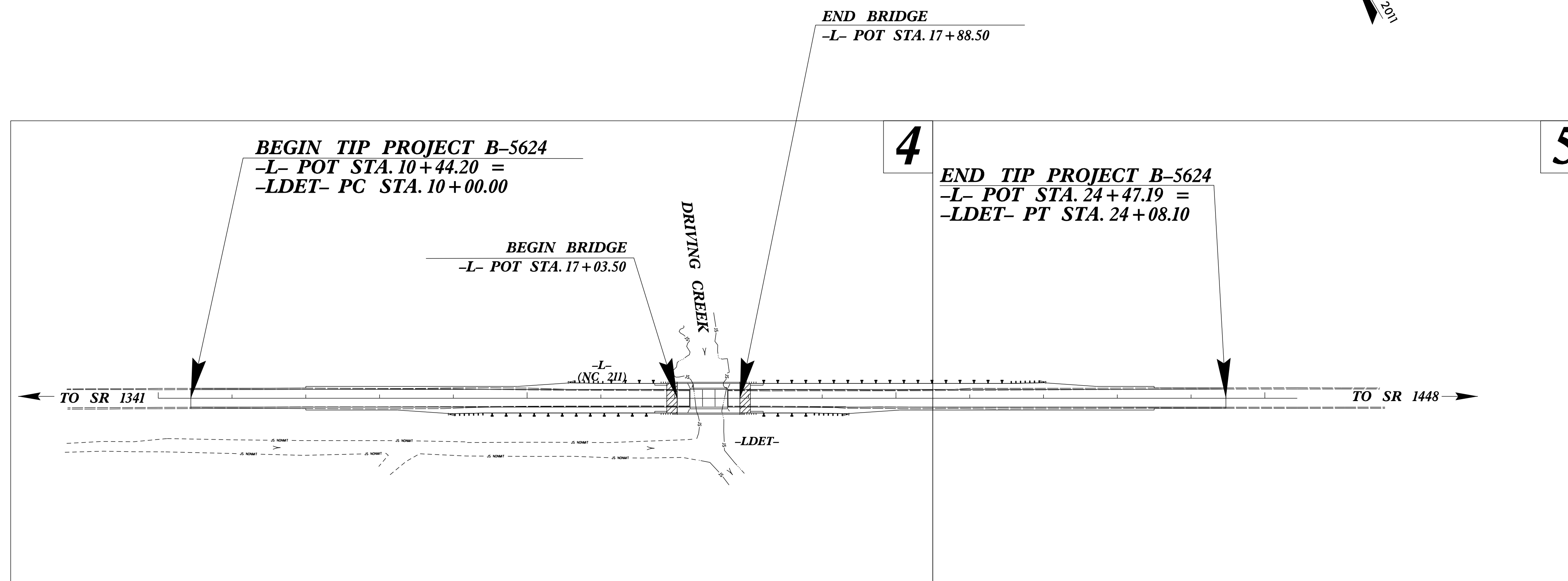
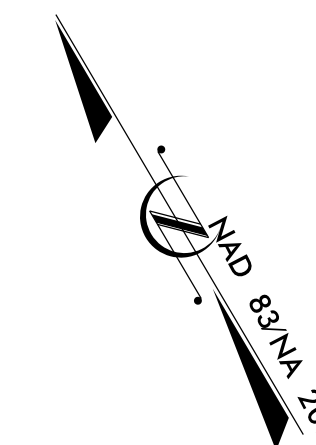
TIP PROJECT: B-5624

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5624	RW01	6

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
 SURVEY CONTROL, EXISTING CENTERLINES,  
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

**BRUNSWICK COUNTY**

LOCATION: BRIDGE 57 OVER DRIVING CREEK ON NC 211



**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "GPS-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 129533.037(ft) EASTING: 2208830.570(ft) ELEVATION: 63.77(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000074030 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "GPS-2" TO -L- STATION 10+00.00 IS S 58° 21' 17.38" E 554.60(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88 GEOID 12

Prepared in the Office of:

LOCATION & SURVEYS - DIVISION 3

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
01/29/2021

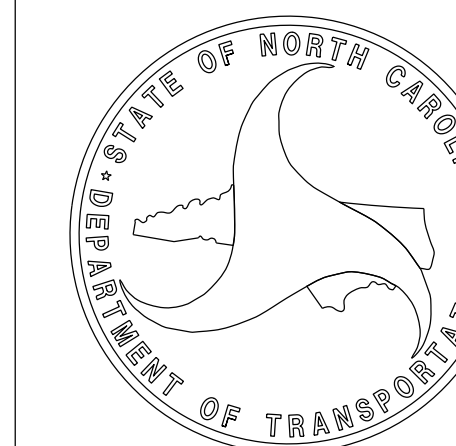
LETTING DATE:  
09/21/2021

PROFESSIONAL LAND SURVEYOR



DocuSigned by:  
Cristina P. [Signature]

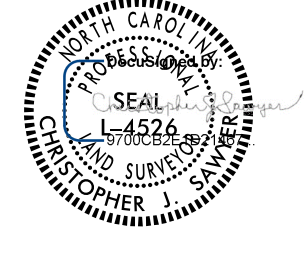
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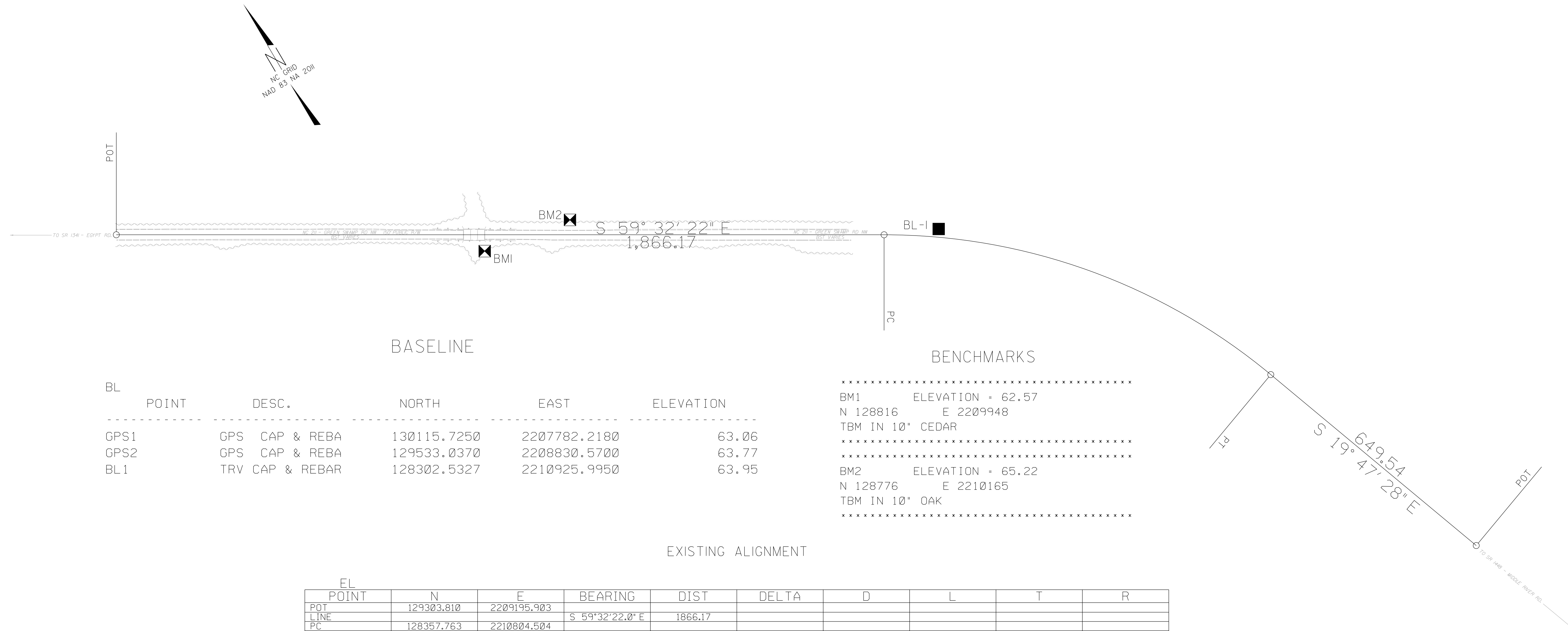


\$\$\$\$\$ SYSTEM \$\$\$\$\$\$  
 \$\$\$\$ DDN \$\$\$\$\$\$  
 \$\$\$\$ USERNAME \$\$\$\$\$\$

# SURVEY CONTROL SHEET

*W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION*

PROJECT REFERENCE NO. B-5624	SHEET NO. RW02C-1
<b>Location and Surveys</b>	
DIVISION 3	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



BL	POINT	DESC.	NORTH	EAST	ELEVATION
GPS1	GPS	CAP & REBA	130115.7250	2207782.2180	63.06
GPS2	GPS	CAP & REBA	129533.0370	2208830.5700	63.77
BL1	TRV	CAP & REBAR	128302.5327	2210925.9950	63.95


BENCHMARKS	
BM1	ELEVATION = 62.57
N 128816	E 2209948
TBM IN 10" CEDAR	
BM2	ELEVATION = 65.22
N 128776	E 2210165
TBM IN 10" OAK	

EXISTING ALIGNMENT										
EL	POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
	POT	129303.810	2209195.903							
	LINE			S 59°32'22.0" E	1866.17					
	PC	128357.763	2210804.504							
	CURVE			S 39°39'55.1" E	999.47	39°44'53.8(RT)	03°53'51.6"	1019.80	531.38	1470.00
	PT	127588.386	2211442.466							
	LINE			S 19°47'28.2" E	649.54					
	POT	126977.214	2211662.395							

**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

PROJECT REFERENCE NO. B-5624	SHEET NO. RW02D-1
Location and Surveys	
DIVISION 3	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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POINT	N	E	BEARING	DIST
POT	129242.061	2209302.711		
LINE			S 59°29'41.3" E	1543.88
POT	128458.360	2210632.894		


LDET

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	129219.622	2209340.796							
CURVE			S 54°50'53.6" E	291.63	09°17'35.4*(RT)	03°10'59.2"	291.95	146.30	1800.00
PCC	129051.716	2209579.244							
CURVE			S 54°50'53.6" E	291.63	09°17'35.4*(LT)	03°10'59.2"	291.95	146.30	1800.00
PT	128883.810	2209817.692							
LINE			S 59°29'41.3" E	240.29					
PC	128761.837	2210024.718							
CURVE			S 64°08'29.0" E	291.63	09°17'35.4*(LT)	03°10'59.2"	291.95	146.30	1800.00
PCC	128634.640	2210287.151							
CURVE			S 64°08'29.0" E	291.63	09°17'35.4*(RT)	03°10'59.2"	291.95	146.30	1800.00
PT	128507.444	2210549.584							

**NOTES:**

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# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. B-5624	SHEET NO. RW02E-1
<b>Location and Surveys</b>	
DIVISION 3	
PROJECT SURVEYOR	
	
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I, Christopher J. Sawyer, 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 January 2021 to June 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 14th day of June, 2021.

DocuSigned by:  
  
Professional Land Surveyor L-4526

### ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+20.01	75.67	129014.42477	2209540.01041
L	13+40.00	84.42	128996.73390	2209552.79437
L	13+51.94	75.64	128998.23553	2209567.53834

NO POINT SET (UNDER WATER)

### ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+20.00	120.00	128925.47192	2209603.66149
L	18+10.00	120.00	128727.50150	2209939.67891
L	18+10.00	75.29	128766.02464	2209962.37548

#### 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 \_\_\_\_\_ TO \_\_\_\_\_ .

REVISIONS

Location and Surveys

DIVISION 3

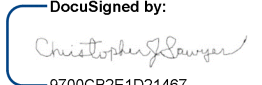
PROJECT SURVEYOR

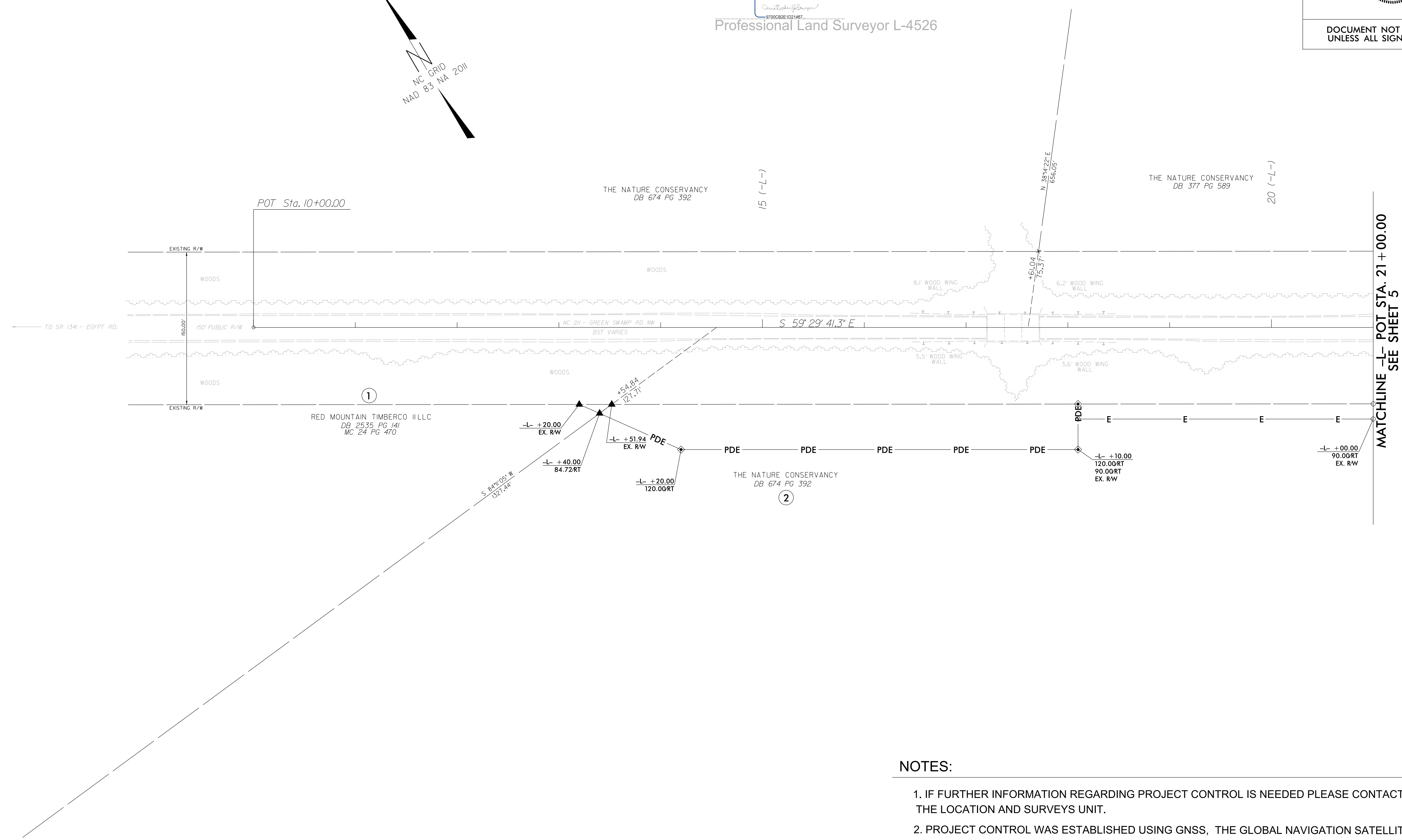


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I, Christopher J. Sawyer, certify that the right of way and permanent easement monumentation for this project shown herein was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:10,000 (Class A). Field work was performed from January 2021 to June 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 14th day of June, 2021.

DocuSigned by:  
  
 Professional Land Surveyor L-4526



REVISIONS

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3. RIGHT OF WAY MONUMENTATION ESTABLISHED \_\_\_\_ TO \_\_\_\_ .

**Location and Surveys**

DIVISION 3

PROJECT SURVEYOR

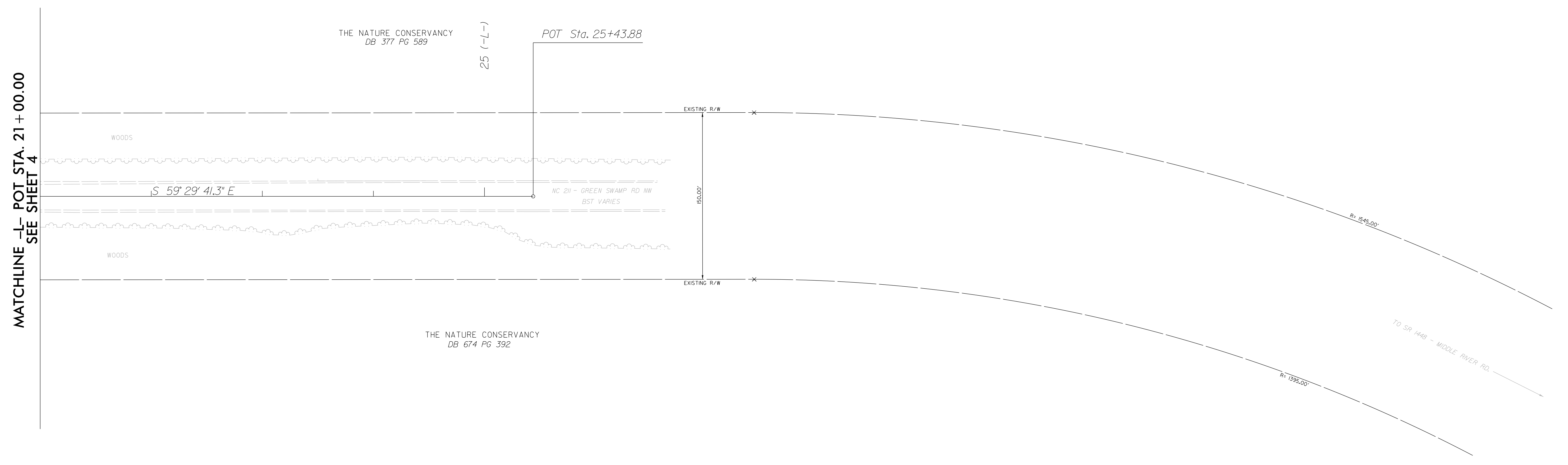


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UNLESS ALL SIGNATURES COMPLETED

I, Christopher J. Sawyer, 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 January 2021 to June 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 14th day of June, 2021.

DocuSigned by:  
*Christopher J. Sawyer*  
9700C82E1D21467  
Professional Land Surveyor L-4526



REVISIONS

6/2/19

15 JUN 2021 16:18  
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