

09/06/19

**TIP PROJECT: BR-0119**

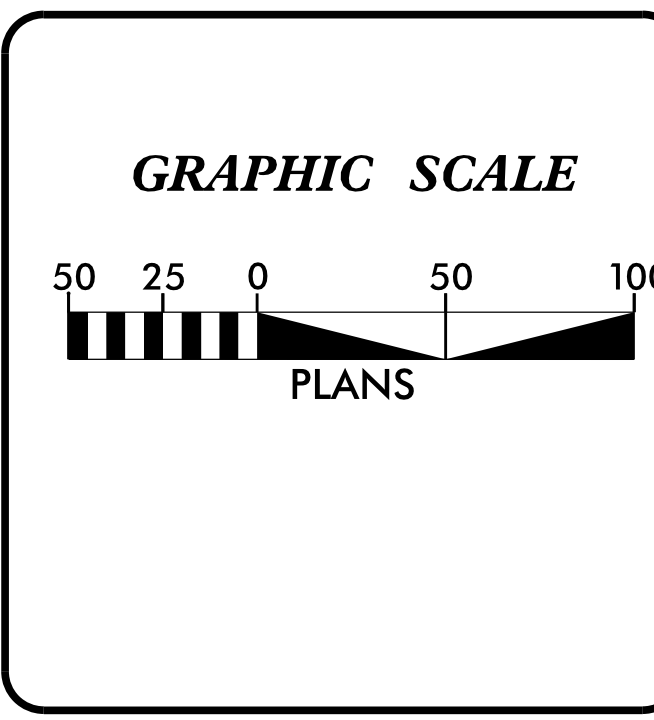
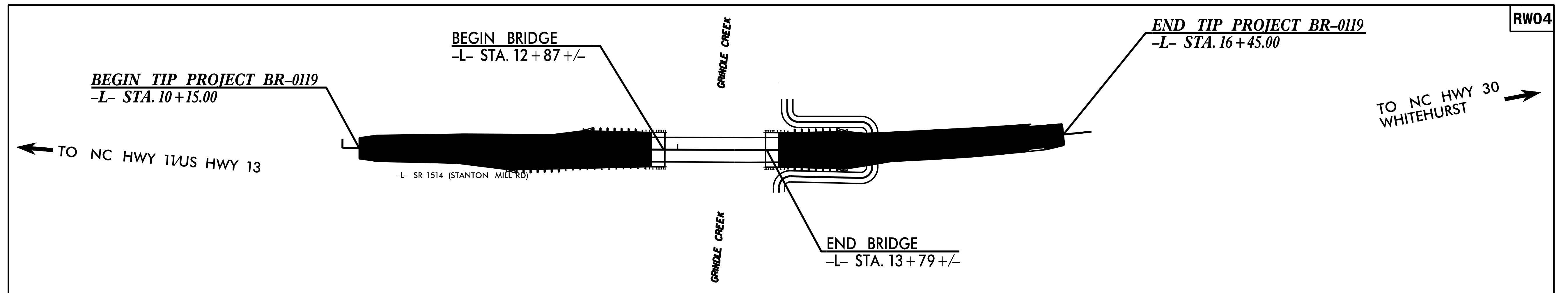
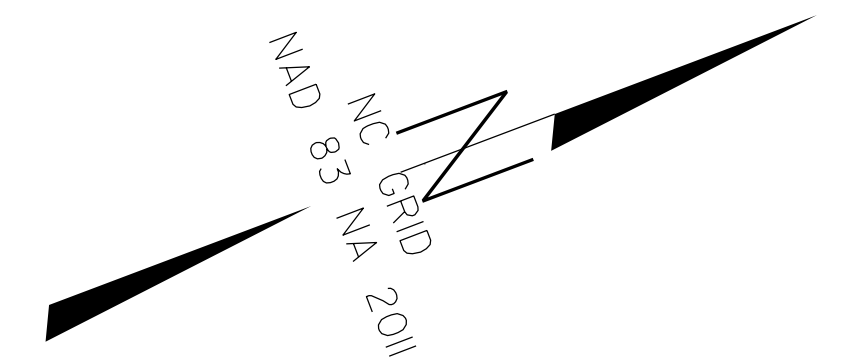
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0119	RW01	

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

**PITT COUNTY**

**LOCATION: BRIDGE 730109 ON SR 1514 (STATON MILL RD)  
OVER GRINDLE CREEK**

**TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE**



**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BR119-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 710817.5460(ft) EASTING: 2490114.6040(ft) ELEVATION: 39.24(ft)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999981301  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GRID DISTANCE FROM "BR119-2" TO -L- STATION 10+00.00 IS N 37°36'43.0" E 1482.47(ft)  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD88

Prepared in the Office of:

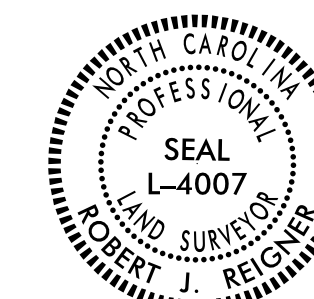
**DIVISION 2  
LOCATION & SURVEYS**

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:  
SEPTEMBER 12, 2019**

**LETTING DATE:  
MARCH 17, 2020**

**PROFESSIONAL LAND  
SURVEYOR**

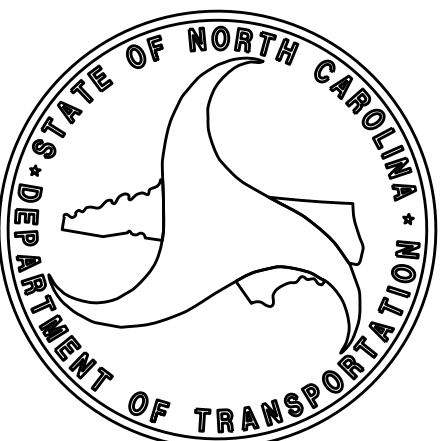


DocuSigned by:  
**R.J. Reigner**

10/3/2019

SIGNATURE:

Date:



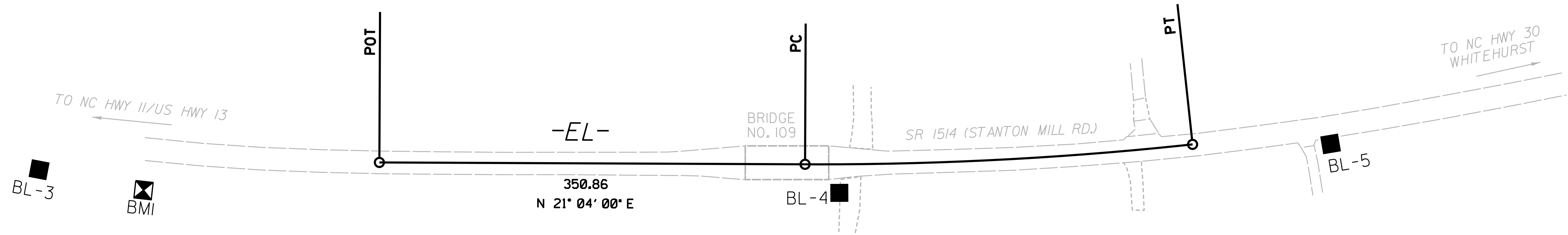
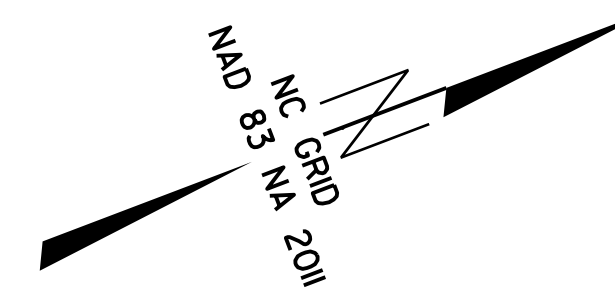
\$\$\$\$\$ SYSTEM \$\$\$\$\$\$  
\$\$\$\$\$ DDN \$\$\$\$\$\$  
\$\$\$\$\$ USERNAME \$\$\$\$\$\$

6/2/19

# SURVEY CONTROL SHEET BR-0119

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR-119	SHEET NO. RW02C-1
<b>Location and Surveys</b>	
■ New Bern, North Carolina 28562 Phone: (252) 631-5115 □ Middlesboro, Kentucky 40965 Phone: (606) 248-6600 □ Asheville, North Carolina 28806 Phone: (828) 251-2796 □ Charlotte, North Carolina 28217 Phone: (704) 397-2488	



EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	711977.905	2491013.978	N 21°04'00.0\"/>						

BL POINT	DESC.	NORTH	EAST	ELEVATION
GPS1	NCDOT GPS MON. BR119-1	710088.2732	2489090.6434	39.05
GPS2	NCDOT GPS MON. BR119-2	710817.5460	2490114.6040	39.24
BL3	BL-3	711713.5733	2490919.8658	33.57
BL4	BL-4	712323.2822	2491172.1330	34.50
BL5	BL-5	712716.2407	2491278.3071	33.46

.....  
 BMI ELEVATION = 34.67  
 N 711788 E 2490966  
 BL STATION 30+48.00 14 RIGHT  
 NAIL SET IN POWER POLE  
 .....

**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.

REVISIONS

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# PROPOSED ALIGNMENT CONTROL SHEET BR-0119

PROJECT REFERENCE NO.	SHEET NO.
BR-0119	RW02D-1
<b>Location and Surveys</b>	
DIVISION 2 LOCATION & SURVEYS	

REVISIONS

## PROPOSED ALIGNMENT

TYPE	STATION	NORTH	EAST
POT	10+00.00	711977.9049	2491013.9784
PC	13+50.86	712305.3176	2491140.0976
PT	16+70.86	712609.7267	2491238.2236


**NOTES:**

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
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6/2/19  
 R5-SFR-2019-08-27  
 R5-B1061085-BR-0119-RW-Stehtmg 9-2019\br-0119\LS-rw02d-1.dgn  
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6/2/19

# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO. BR-0119	SHEET NO. RW03E-1
<b>Location and Surveys</b>	
DIVISION 2 LOCATION & SURVEYS	
PROJECT SURVEYOR 	
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) (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 September, 2019.

DocuSigned by:  
*R. J. Reigner*  
Professional Land Surveyor L-4007 PLS # Seal

## ROW & EASEMENT POINTS

### ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST	
L	10+28.00	30.00	711993.2498	2491052.0380	
L	10+92.00	-30.00	712074.5395	2491019.0533	
L	10+98.00	55.00	712049.5849	2491100.5288	
L	11+42.00	54.00	712091.0035	2491115.4116	
L	11+42.00	30.00	712099.6304	2491093.0157	
L	11+56.00	-53.00	712142.5294	2491020.5956	
L	12+09.00	-59.00	712194.1437	2491034.0477	
L	12+52.00	-54.00	712232.4724	2491054.1700	
L	12+75.00	-49.00	712252.1379	2491067.1033	
L	13+05.00	-30.00	712273.3032	2491095.6170	
L	13+05.00	-40.00	712276.8977	2491086.2853	
L	13+50.00	30.00	712293.7283	2491167.7822	
L	13+50.00	59.00	712283.3041	2491194.8439	
L	13+51.00	-66.00	712329.1661	2491078.5569	STAKE SET
L	13+51.00	-30.00	712316.2273	2491112.1513	STAKE SET
L	13+99.00	60.00	712329.7567	2491213.3666	
L	14+13.00	73.00	712338.7823	2491230.4763	
L	14+19.00	-65.00	712391.1008	2491102.6371	NAIL SET
L	14+23.00	-89.00	712402.8423	2491081.3466	
L	14+51.00	64.00	712378.4674	2491234.9417	
L	14+52.00	-80.00	712426.4200	2491099.1568	
L	15+01.00	49.00	712431.5753	2491236.9546	
L	15+33.00	-30.00	712486.2299	2491171.4987	
L	15+95.00	42.00	712524.8918	2491258.3815	
L	16+02.00	35.00	712533.6500	2491253.6254	
L	16+24.00	30.00	712556.4198	2491254.8820	

### 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

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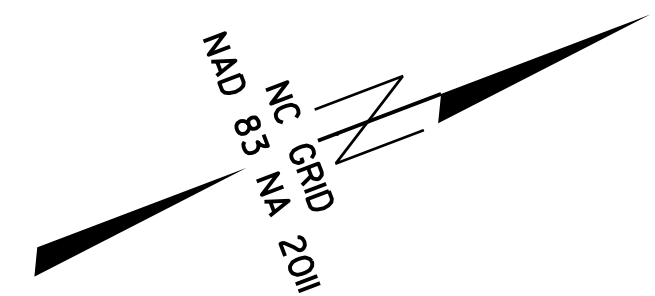
# RIGHT OF WAY CONTROL SHEET BR-0119

PROJECT REFERENCE NO. BR-0119	SHEET NO. RW04
Location and Surveys	
ENTER CONSULTANT'S NAME IN THIS BOX	
<div style="font-size: 8px; margin-bottom: 5px;">PROJECT SURVEYOR</div> 	
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) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

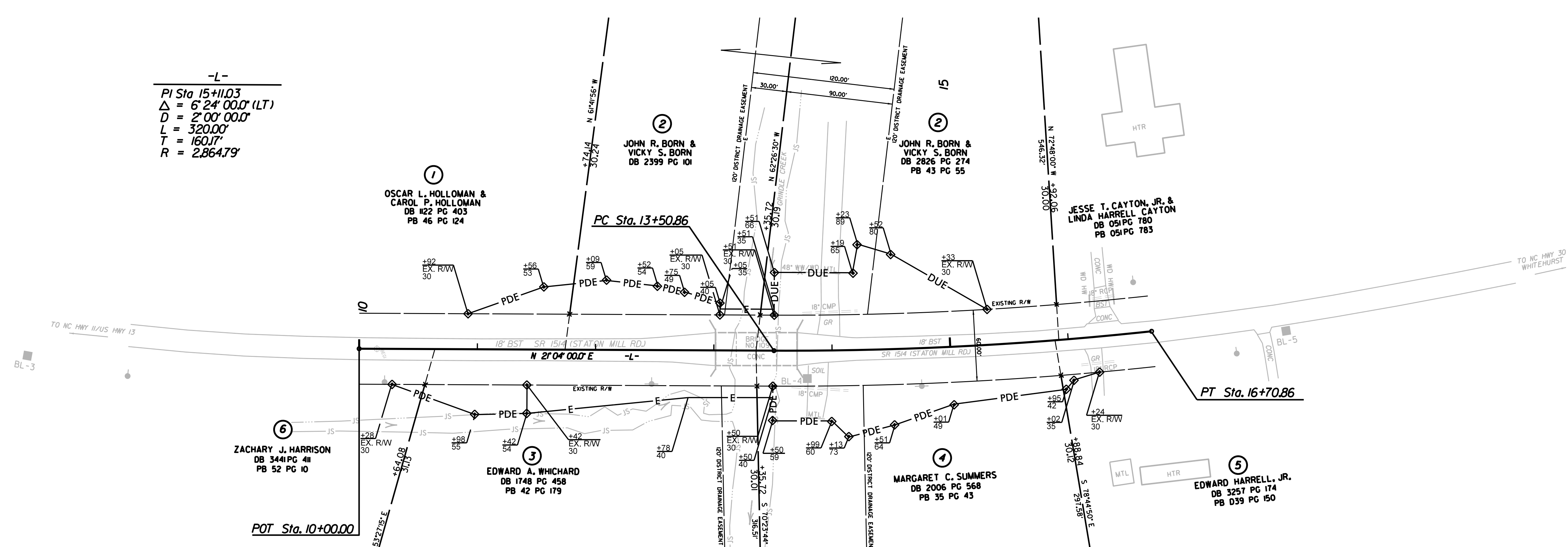
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Witness my original signature, registration number and seal this 23rd day of September, 2019.



DocuSigned by:  
*R. J. Reigner*  
 Professional Land Surveyor      L-4007      Seal  
 PLS #

-L-  
 PI Sta 15+11.03  
 $\Delta = 6' 24'' 00.0''$  (LT)  
 $D = 2' 00'' 00.0''$   
 $L = 320.00'$   
 $T = 160.17'$   
 $R = 2,864.79'$



**NOTES:**

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REVISIONS

6/2/19  
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