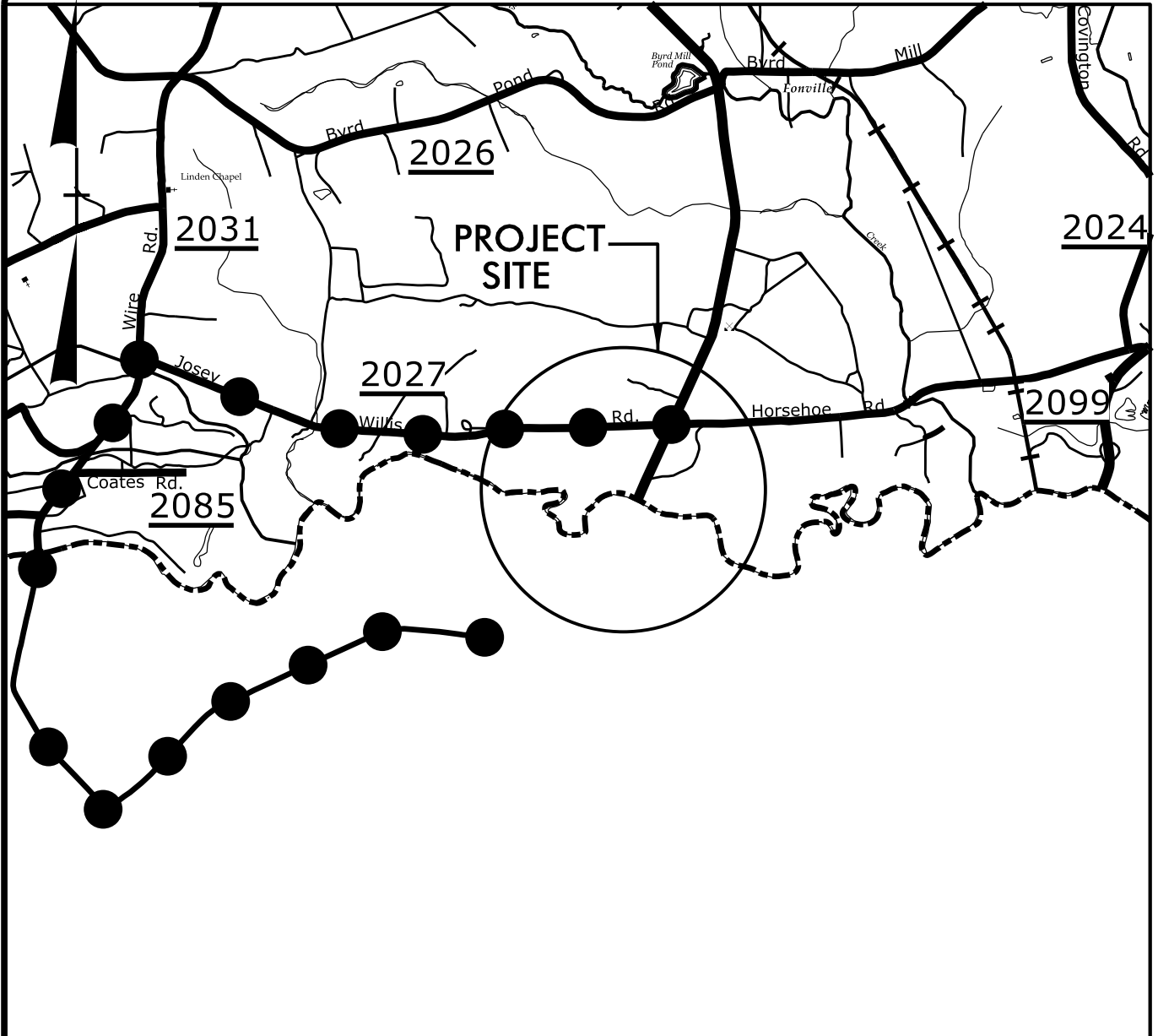


09/05/19

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-5703	RW01	05

TIP PROJECT: B-5703

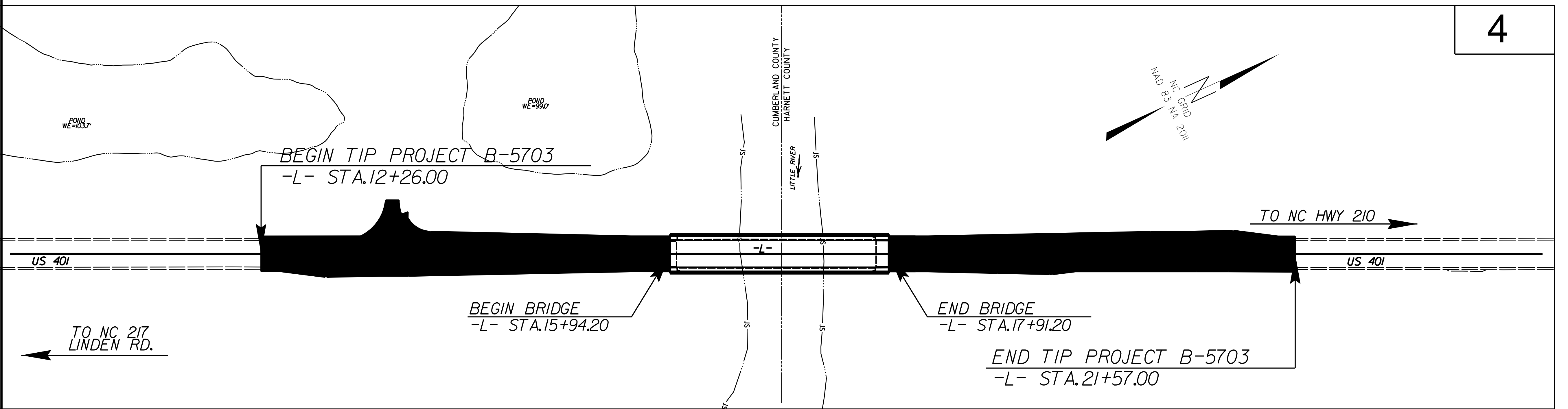


VICINITY MAP (NTS)
●—●—●—● DETOUR ROUTE

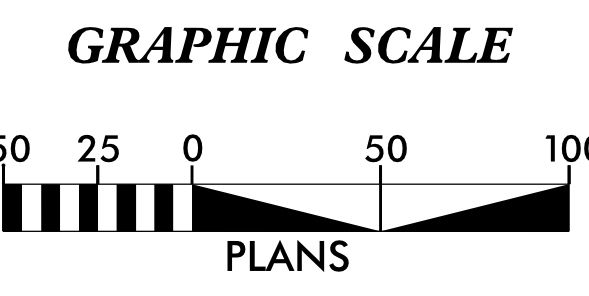
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

HARNETT COUNTY



4



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5703-102" WITH NAD 83/NSRS XXXX STATE PLANE GRID COORDINATES OF NORTHING: 548,832.6320(ft) EASTING: 2,065,722.754(ft) ELEVATION: 111.72(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998724163

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5703-102" TO -L- STATION 10+00.00 IS S 27°22'54.0" W 1,478.15(ft)

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

Prepared in the Office of:

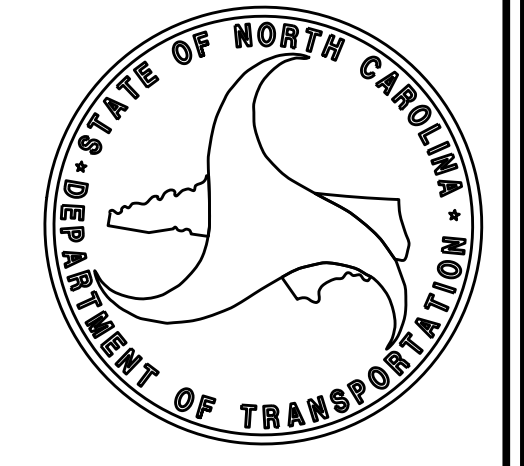
**NCDOT DIVISION 6
LOCATION & SURVEYS
4834 US HWY 301 S
HOPE MILLS, NC 28348**

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JUNE 26, 2019

LETTING DATE:
FEBRUARY 20, 2020

PROFESSIONAL LAND SURVEYOR



DocuSigned by:
John E. Kaukola Jr.
F300958A7B8462
SIGNATURE

11/5/2019
Date:

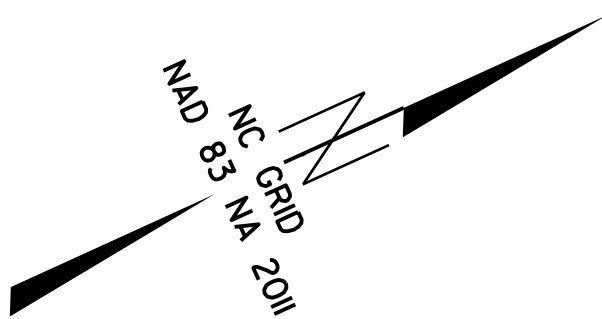
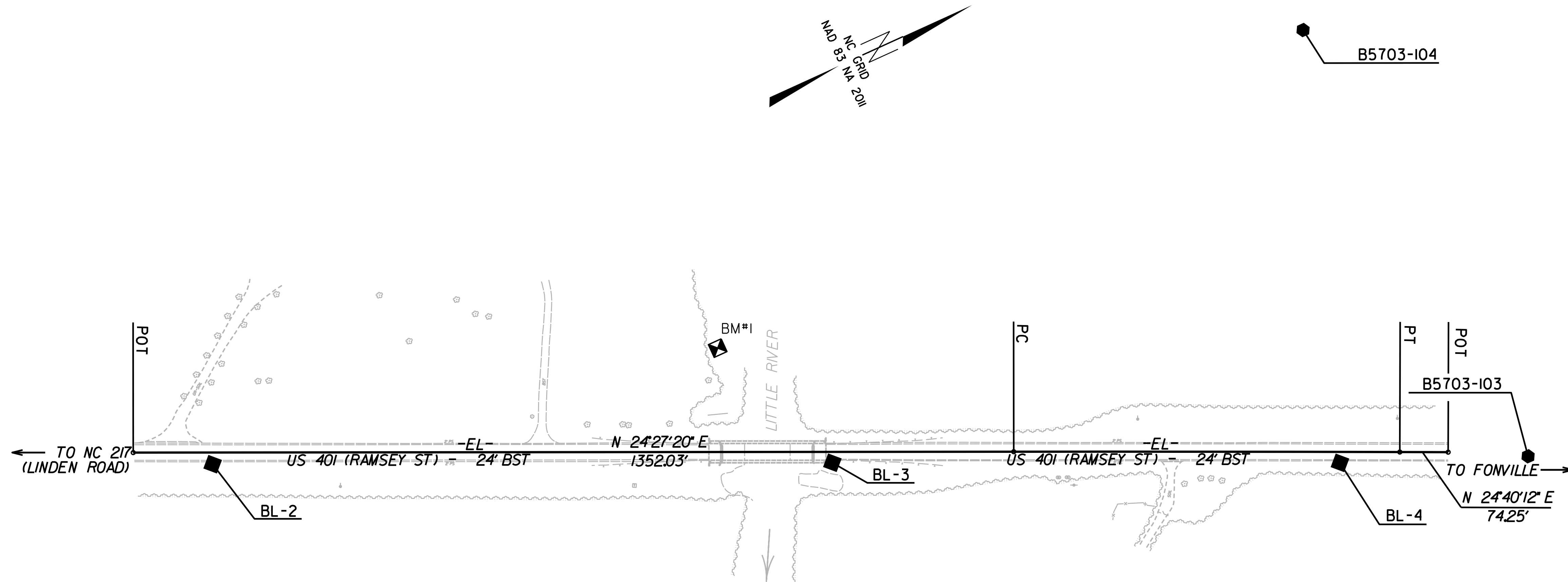
\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DDN \$\$\$\$\$\$
\$\$\$\$\$ USERNAME \$\$\$\$\$\$

6/2/99

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
B-5703	RW02C-1
Location and Surveys	
NCDOT DIVISION 6	



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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PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5703	RW02D-1
Location and Surveys	
NCDOT DIVISION 6	

REVISIONS

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 AT DIV 6-312634
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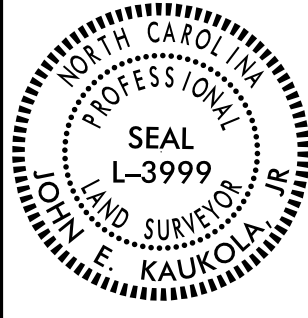
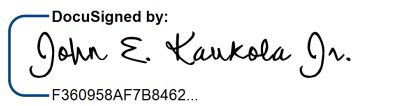
L

TYPE	STATION	NORTH	EAST
POT	10+00.00	550145.1766	2066402.5797
PC	20+68.08	551117.4333	2066844.7547
PT	23+79.70	551400.9609	2066974.0375

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.

RIGHT OF WAY & PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. B-5703	SHEET NO. RW03E-1
Location and Surveys	
NCDOT DIVISION 6	
PROJECT SURVEYOR	
	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	15+00.00	93.12	550561.7668	2066694.3398
L	15+00.00	50.00	550579.6180	2066655.0884
L	16+50.00	93.12	550698.3091	2066756.4382
L	16+50.00	50.00	550716.1603	2066717.1868

ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	15+55.00	-70.00	550679.3622	2066568.6240
L	15+55.00	-50.00	550671.0824	2066586.8297
L	15+71.18	-79.41	550697.9862	2066566.7566
L	16+42.00	-79.41	550762.4524	2066596.0753
L	16+42.00	-70.00	550758.5567	2066604.6411
L	16+50.00	55.59	550713.8461	2066722.2753
L	18+25.48	55.59	550873.5823	2066794.9221
L	18+25.48	50.00	550875.8982	2066789.8344
L	18+50.00	-70.00	550947.8953	2066690.7508
L	18+50.00	-50.00	550939.6156	2066708.9565

I, JHON E. KAUKOLA, 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 31st day of October, 2019.


 Professional Land Surveyor

L-3999
PLS #



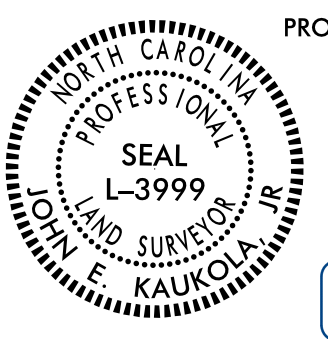
NOTES:

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.

6/2/19

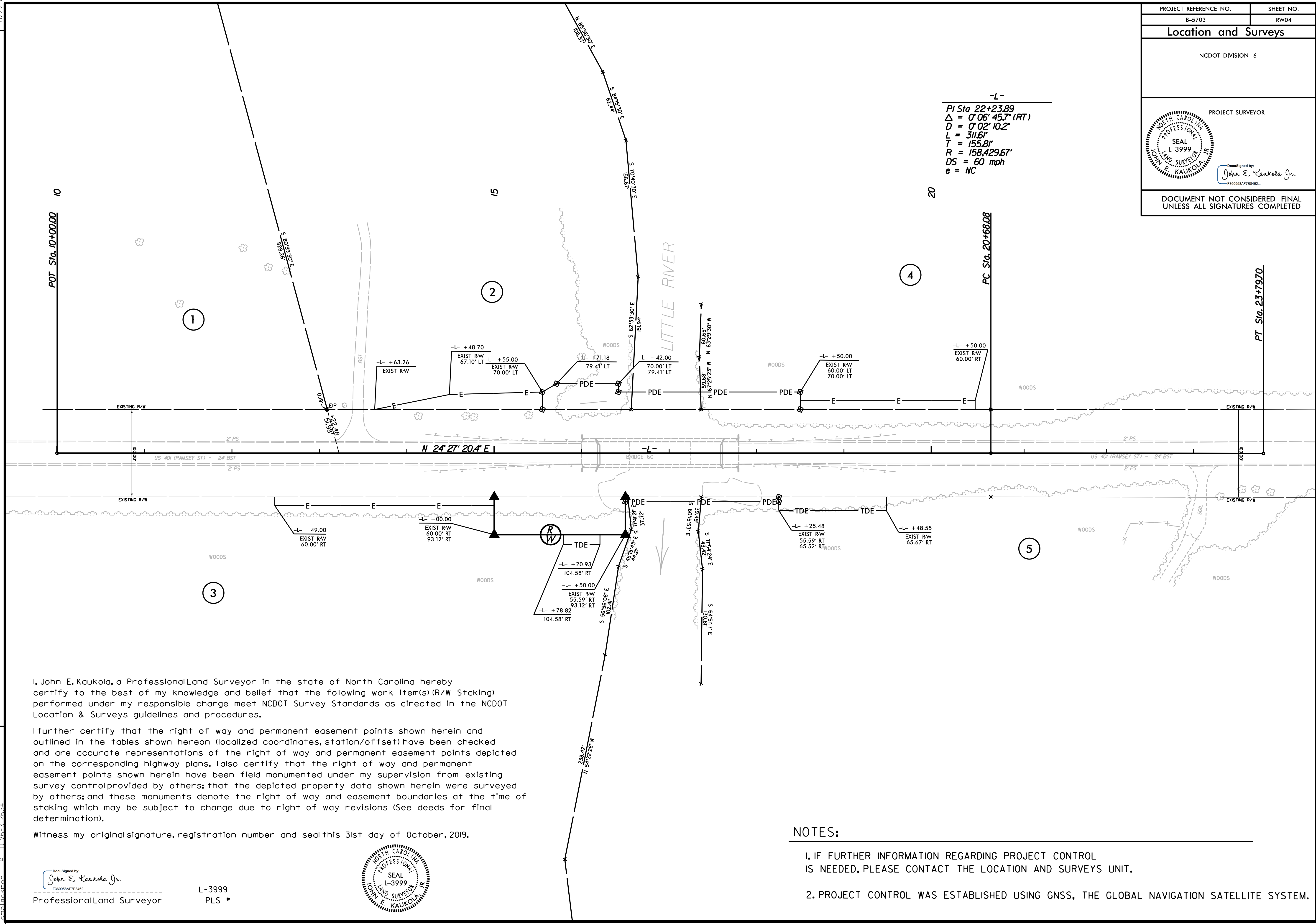
REVISIONS

31 OCT 2019 09:37
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 Job Lockman

PROJECT REFERENCE NO. B-5703	SHEET NO. RW04
Location and Surveys	
NCDOT DIVISION 6	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-L-

PI Sta 22+23.89
 $\Delta = 0'06'45.7''$ (RT)
 $D = 0'02'10.2''$
 $L = 311.61'$
 $T = 155.81'$
 $R = 158,429.67'$
 $DS = 60$ mph
 $e = NC$



I, John E. Kaukola, 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 31st day of October, 2019.

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

L-3999
 PLS #



- 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.

REVISIONS

6/2/2019
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