

09/06/99

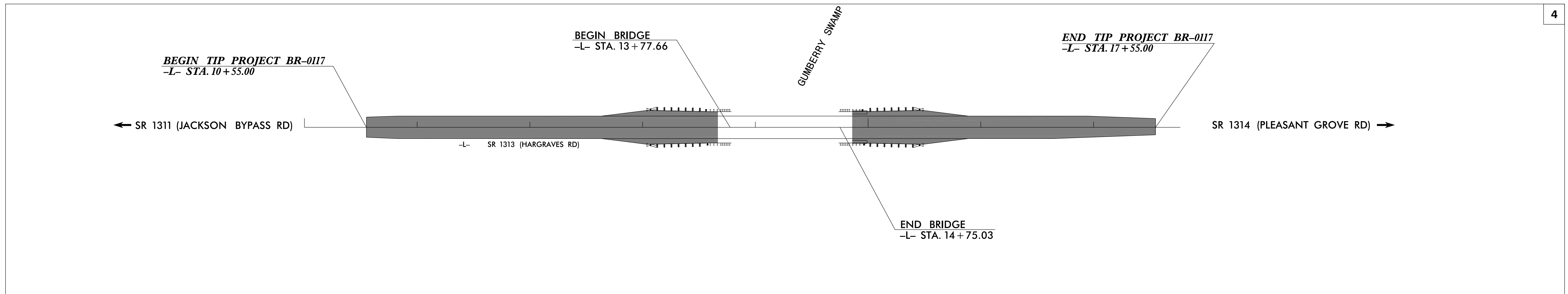
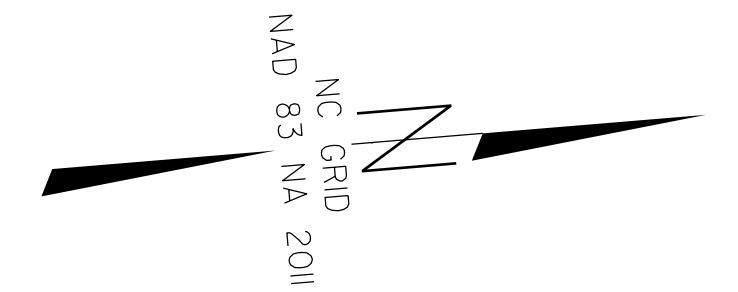
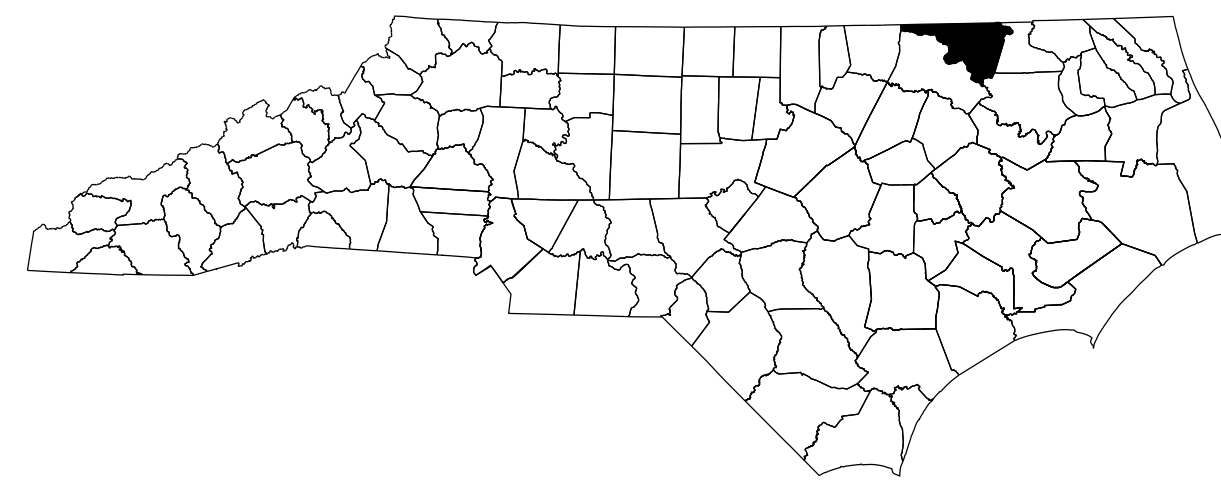
TIP PROJECT: BR-0117

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0117	RW01	8

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

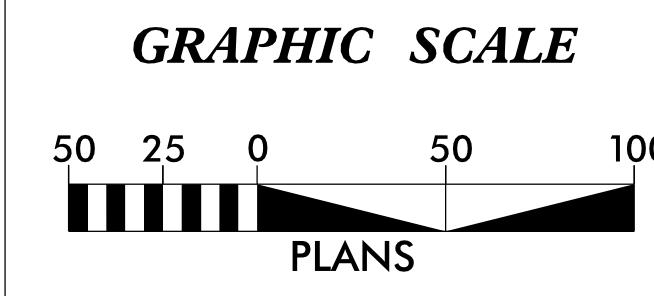
SURVEY CONTROL, EXISTING CENTERLINES,
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

NORTHAMPTON COUNTY



4

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



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "650052-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 986076.5410(ft) EASTING: 2449333.6910(ft) ELEVATION: 122.18(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.000090838

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "650052-1" TO -L- STATION 10+55.00 IS N 4°26'20.87" E 1122.61(ft)

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

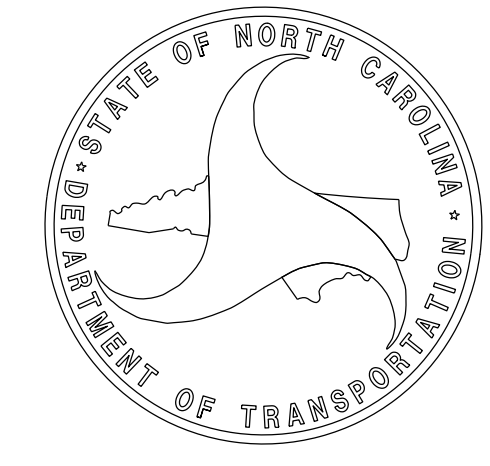
Prepared in the Office of:
 LOCATION & SURVEYS
 DIVISION 1 FIELD OFFICE
 1300 US HWY 64W
 PLYMOUTH, NC 27962

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
DECEMBER 18, 2019

LETTING DATE:
MAY 19, 2020

PROFESSIONAL LAND SURVEYOR

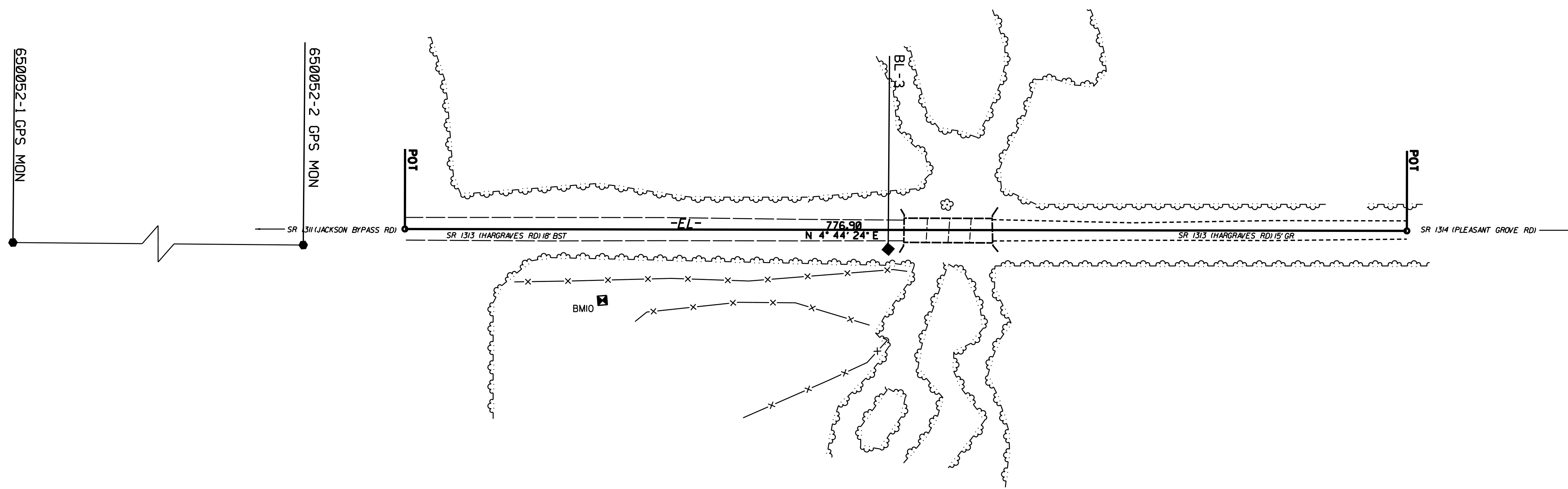
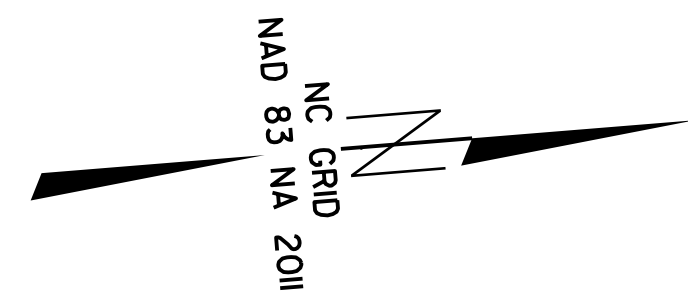


DocuSigned by:
 Jimmy Liverman, Jr.
 C782AS8719E7430...

SIGNATURE: _____ Date: _____

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION



SEE SHEET RW02C-3
FOR FURTHER
ALIGNMENT DETAILS

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.

6/2/99

PROJECT REFERENCE NO.	SHEET NO.
BR-0117	RW02C-2
Location and Surveys	

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

BL	POINT	DESC.	NORTH	EAST	ELEVATION
6500521		GPS MON 650052-1	986076.5410	2449333.6910	122.18
6500522		GPS MON 650052-2	987061.4090	2449422.0690	111.30
BL3		BL-3	987513.1990	2449461.9050	104.69

 BM10 ELEVATION = 106.01
 N 987289 E 2449484
 R/R SPIKE 18" OAK

REVISIONS

 SURVEY CONTROL SHEET

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.

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

	EL			
POINT	N	E	BEARING	DIST
POT	987140.976	2449416.036		
LINE			N 04°44'24.5" E	776.90
POT	987915.220	2449480.237		

REVISIONS

I:\FEB-2020\1156
 B:\Division1
 1tdowns AT LS-311565
 Projects\Nor-thamptonCo\BR-0117\Control\Control_Sheets\C-Sheets\BR-0117-LS-RW02C-3.dgn

6/2/99

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.	SHEET NO.
BR-0117	RW02D-1
Location and Surveys	

L				
POINT	N	E	BEARING	DIST
POT	987140.976	2449416.036		
LINE			N 04°44'24.5" E	776.90
POT	987915.220	2449480.237		

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

RIGHT OF WAY CONTROL SHEET

I, Jimmy E. Liverman Jr, 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, Planimetrics, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

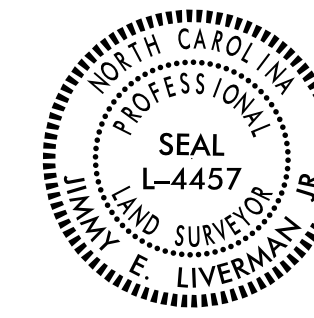
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

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 30th day of December, 2019.

DocuSigned by:
Jimmy Liverman, Jr.
C782A59719E7430
Professional Land Surveyor

L-4457
PLS #



PROJECT REFERENCE NO. BR-0117	SHEET NO. RW03E-1
Location and Surveys	
PROJECT SURVEYOR	
DocuSigned by: Jimmy Liverman, Jr. C782A59719E7430	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+55.00	30.00	987193.3089	2449450.4787
L	10+55.00	-30.00	987198.2671	2449390.6839
L	14+79.00	30.00	987615.8587	2449485.5166
L	14+82.00	-30.00	987623.8066	2449425.9697
L	17+55.00	-30.00	987895.8729	2449448.5295
L	17+55.00	30.00	987890.9147	2449508.3243
L	17+55.00	-17.50	987894.8400	2449460.9867
L	17+55.00	17.50	987891.9477	2449495.8670

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.

PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. BR-0117	SHEET NO. RW03E-2
----------------------------------	----------------------

Location and Surveys

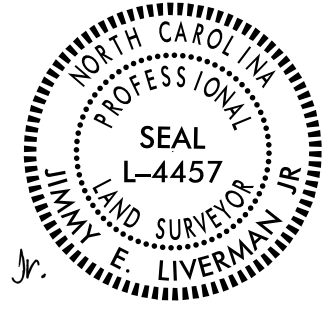
I, Jimmy E. Liverman Jr, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, Planimetrics, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in 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 30th day of December, 2019.

PROJECT SURVEYOR



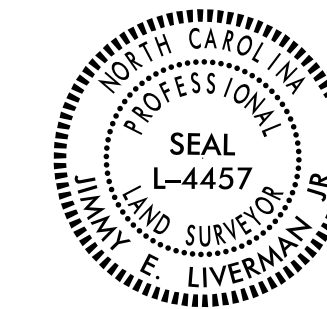
DocuSigned by:
Jimmy Liverman, Jr.
CT82A59719E7430

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DocuSigned by:
Jimmy Liverman, Jr.
CT82A59719E7430

Professional Land Surveyor

L-4457
PLS #



ROW MARKER PERMANENT EASEMENT - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	14+79.00	44.00	987614.7018	2449499.4687
L	14+82.00	-46.00	987625.1288	2449410.0244
L	15+09.00	-46.00	987652.0365	2449412.2556
L	15+09.00	-37.00	987651.2927	2449421.2248
L	15+17.00	35.00	987653.3156	2449493.6397
L	15+17.00	44.00	987652.5718	2449502.6089
L	15+81.00	-30.00	987722.4680	2449434.1507
L	16+00.00	30.00	987736.4449	2449495.5156

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

Location and Surveys

PROJECT SURVEYOR

DocuSigned by:
Jimmy Liverman, Jr.
C782A59119E743D

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

I, Jimmy E. Liverman Jr, 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, Planimetrics, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

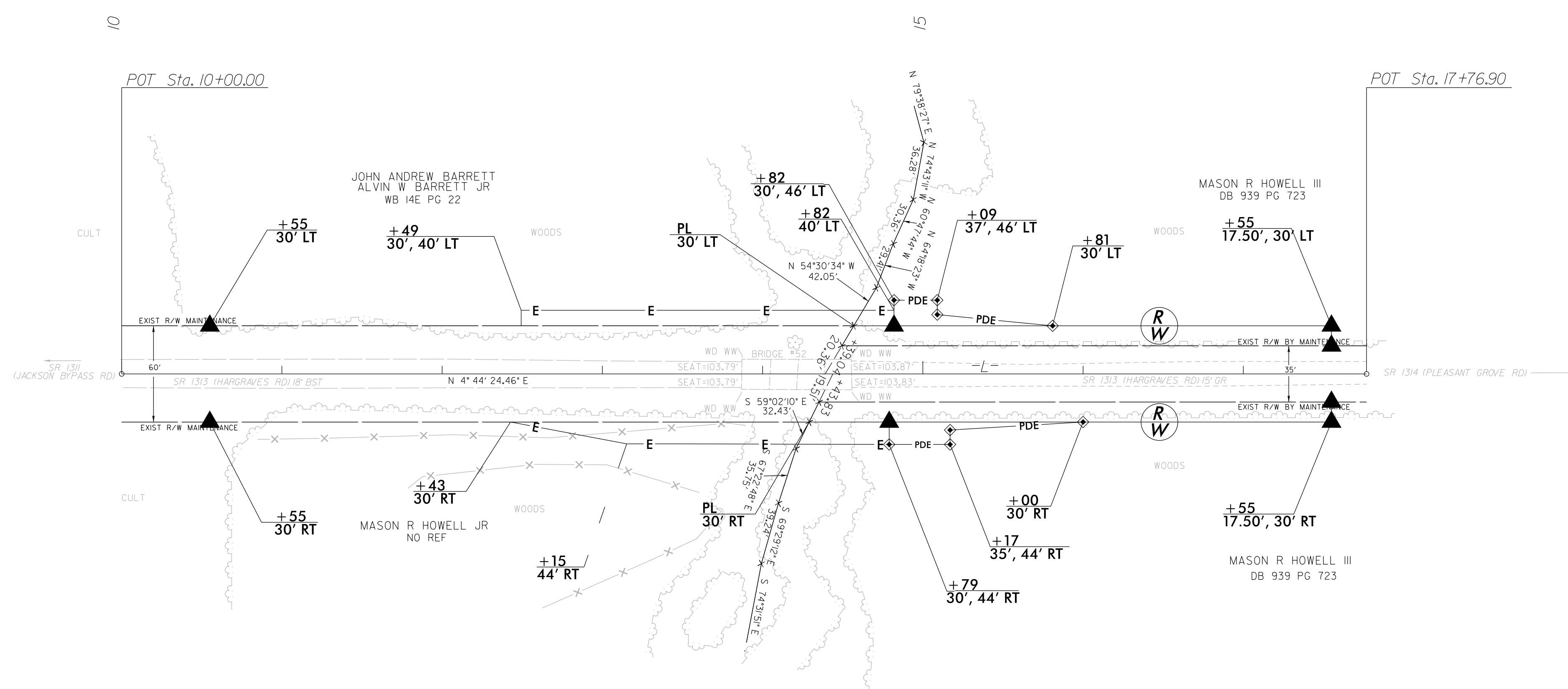
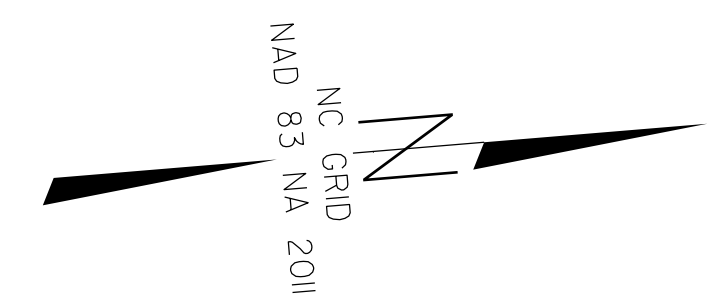
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

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 30th day of December, 2019.

DocuSigned by:
Jimmy Liverman, Jr.
C782A59119E743D

Professional Land Surveyor L-4457 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

C:\MAR-2020 Projects\NorthamptonCo\BR-0117\Control\Control Sheets\RW and Title-Sheets\BR-0117_LS-RW04.dgn
 09:10
 AT LS-311555