

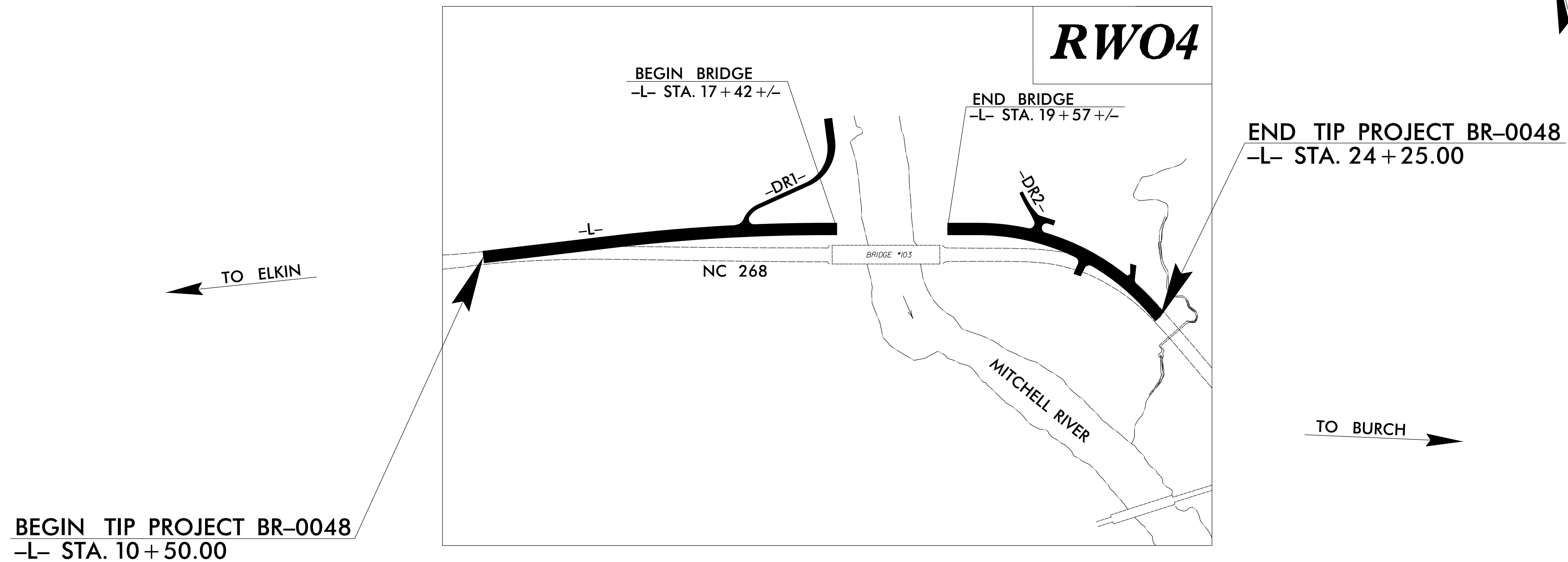
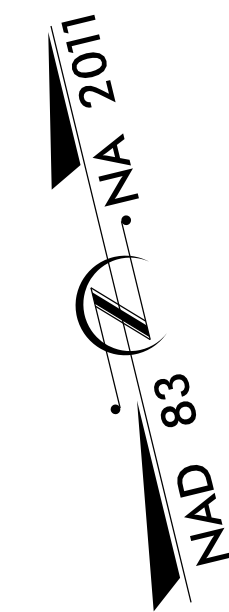
TIP PROJECT: BR-0048

| | | | |
|-------|-----------------------------|-----------|--------------|
| STATE | STATE PROJECT REFERENCE NO. | SHEET NO. | TOTAL SHEETS |
| N.C. | BR-0048 | RW01 | |

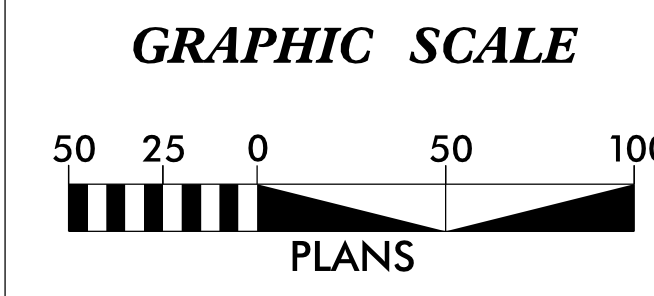
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

SURRY COUNTY



28-FEB-2022 12:55
 Z:\OLD_D\N\WILKES\BR-0048\CONTROL SHEETS\RW SHEETS\br-0048_ls_rw01.dgn
 F:\GIS\AT_LS-30815



DATUM DESCRIPTION

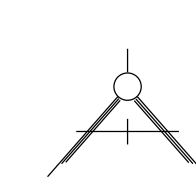
THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BR0048-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 925,191.605(ft) EASTING: 1,477,257.880(ft) ELEVATION: 964.786(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999926761

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BR0048-2" TO -L- STATION 10+00.00 IS S 1°33'05.9" W 481.69(ft)

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

Prepared in the Office of:



Allied Associates, P.A.

4720 KESTER MILL ROAD Phone (336) 765-2377
 WINSTON-SALEM, N.C. 27103 FAX 760-8886
 WWW.ALLIEDAPA.COM C-2198

2018 STANDARD SPECIFICATIONS

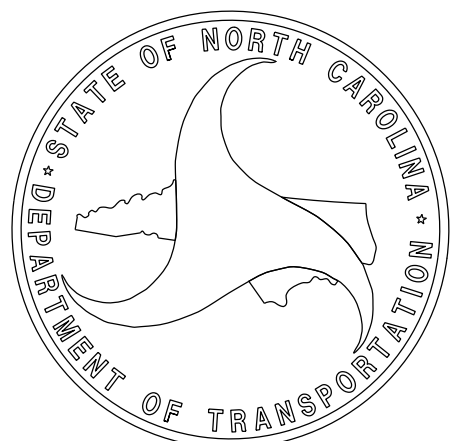
RIGHT OF WAY DATE:
DECEMBER 4, 2019

LETTING DATE:
MAY 17, 2022

PROFESSIONAL LAND SURVEYOR



SIGNATURE: _____ Date: 2/27/2020

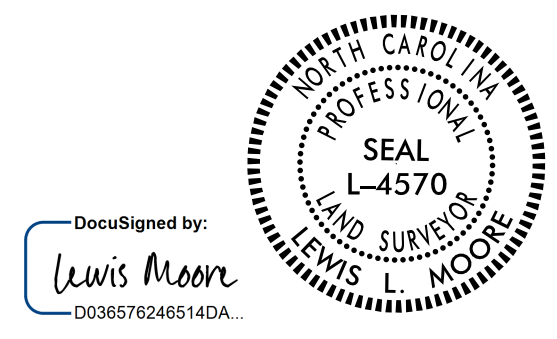


6/2/2018

REVISIONS

PROPOSED ALIGNMENT CONTROL SHEET

| | |
|-----------------------------|-----------|
| PROJECT REFERENCE NO. | SHEET NO. |
| BR-0048 | RW02D-1 |
| Location and Surveys | |
| ALLIED ASSOCIATES, P.A. | |



L

| TYPE | STATION | NORTH | EAST |
|------|----------|-------------|--------------|
| POT | 10+00.00 | 924710.0918 | 1477244.8369 |
| PC | 13+09.12 | 924672.9209 | 1477551.7170 |
| PT | 17+21.47 | 924599.3667 | 1477957.2070 |
| PC | 20+17.31 | 924529.5181 | 1478244.6853 |
| PT | 24+04.70 | 924296.6689 | 1478539.3252 |
| POT | 26+22.59 | 924102.5607 | 1478638.3093 |

DR1

| TYPE | STATION | NORTH | EAST |
|------|----------|-------------|--------------|
| POT | 10+00.00 | 924812.3316 | 1478011.9436 |
| PC | 10+49.87 | 924762.7558 | 1478006.4950 |
| PT | 11+51.79 | 924692.8968 | 1477941.8811 |
| PC | 12+56.26 | 924673.4299 | 1477839.2417 |
| PT | 13+15.81 | 924633.8574 | 1477799.4796 |

DR2

| TYPE | STATION | NORTH | EAST |
|------|----------|-------------|--------------|
| POT | 10+00.00 | 924633.6822 | 1478333.4858 |
| PC | 10+36.28 | 924597.8350 | 1478339.0989 |
| PT | 11+04.53 | 924532.1902 | 1478357.2002 |
| PC | 11+10.24 | 924526.8921 | 1478359.3335 |
| PT | 11+36.49 | 924501.5073 | 1478357.9424 |
| POT | 11+50.90 | 924488.8045 | 1478351.1295 |

NOTES:

- I. 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.

6/2/2018
 11:23:45 AM
 Lewis L. Moore
 Professional Land Surveyor
 License L-4570
 State of North Carolina
 0036576246514DA...

6/2/19

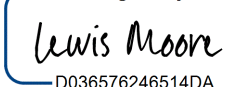
RIGHT OF WAY AND EASEMENT CONTROL SHEET

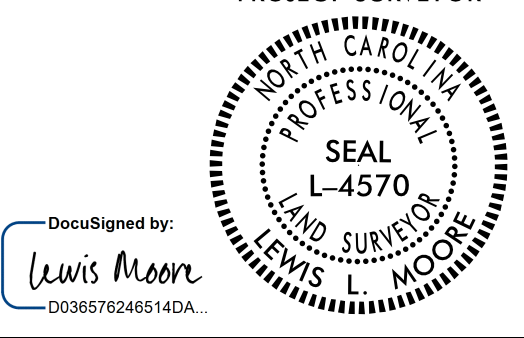
I, LEWIS L. MOORE, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & 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 27th day of February, 2020.

DocuSigned by:

 -0036576246514DA- L-4570
 Professional Land Surveyor PLS Seal

| | |
|--|----------------------|
| PROJECT REFERENCE NO. BR-0048 | SHEET NO. RW03E-1 |
| Location and Surveys | |
| ALLIED ASSOCIATES, P.A. | |
| PROJECT SURVEYOR  DocuSigned by: Lewis Moore D036576246514DA- | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

ROW MARKER IRON PIN AND CAP-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|---------|-------------|--------------|
| L | 10+50.00 | -19.40 | 924723.3348 | 1477296.8064 |
| L | 10+50.00 | -40.00 | 924743.7893 | 1477299.2839 |
| L | 11+00.00 | -98.00 | 924795.3561 | 1477355.8954 |
| L | 11+99.36 | -75.54 | 924761.1133 | 1477451.8327 |
| L | 13+00.00 | -120.00 | 924793.1472 | 1477557.0897 |
| L | 14+00.00 | -130.00 | 924789.4307 | 1477660.7598 |
| L | 15+00.00 | -108.00 | 924751.1632 | 1477759.3009 |
| L | 15+40.00 | -79.81 | 924716.0486 | 1477794.6359 |
| L | 19+70.00 | -75.00 | 924613.5679 | 1478216.4195 |
| L | 21+00.00 | -45.00 | 924543.7935 | 1478341.2322 |
| L | 21+00.00 | -36.64 | 924536.1683 | 1478337.8077 |

ROW MARKER PERMANENT EASEMENT-E

| ALIGN | STATION | OFFSET | NORTH | EAST |
|-------|----------|--------|-------------|--------------|
| L | 20+50.00 | -53.00 | 924571.1140 | 1478292.3612 |
| L | 22+17.00 | -91.55 | 924512.6134 | 1478479.8453 |
| L | 22+40.00 | -36.77 | 924453.9259 | 1478464.2194 |

R/W AND EASEMENT MARKER NOTES:

- 1) UNLESS OTHERWISE NOTED, ALL ROW AND PERMANENT EASEMENT MARKERS HAVE BEEN SET AS REBAR WITH ALUMINUM CAP

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

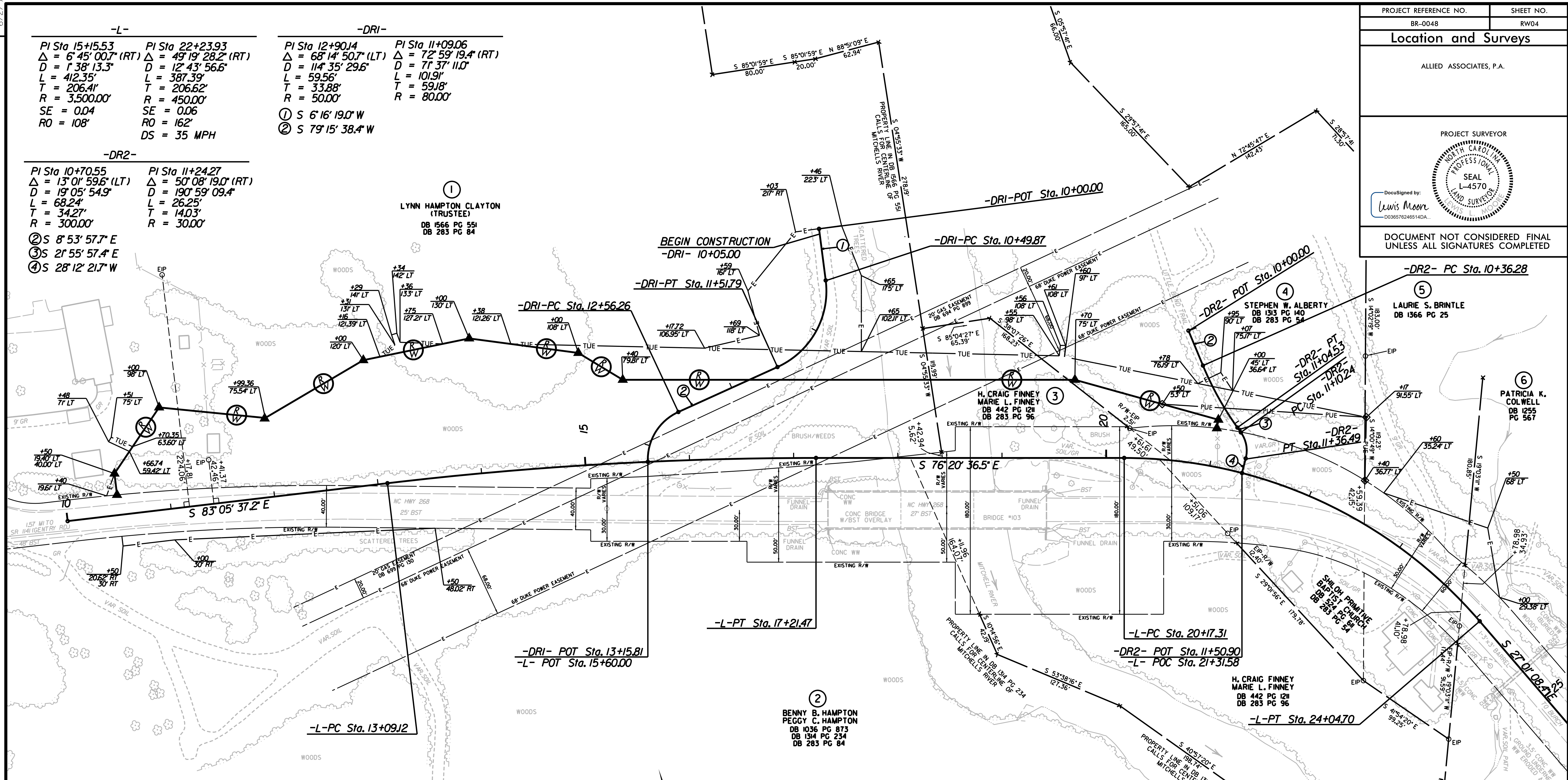
6/2/19

6/2/20

| | |
|--|-------------------|
| PROJECT REFERENCE NO. BR-0048 | SHEET NO. RW04 |
| Location and Surveys | |
| ALLIED ASSOCIATES, P.A. | |
| PROJECT SURVEYOR | |
| | |
| DocuSigned by: <i>Lewis Moore</i> D038576246514DA... | |
| DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED | |

| -L- | | -DRI- | |
|---|--|---|--|
| PI Sta 15+15.53 Δ = 6' 45" 00.7" (RT) D = 1' 38" 13.3" L = 412.35' T = 206.41' R = 3,500.00' SE = 0.04 RO = 108' | PI Sta 22+23.93 Δ = 49' 19" 28.2" (RT) D = 12' 43" 56.6" L = 387.39' T = 206.62' R = 450.00' SE = 0.06 RO = 162' DS = 35 MPH | PI Sta 12+90.14 Δ = 68' 14" 50.7" (LT) D = 114' 35" 29.6" L = 59.56' T = 33.88' R = 50.00' | PI Sta 11+09.06 Δ = 72' 59" 19.4" (RT) D = 7' 37" 11.0" L = 101.91' T = 59.18' R = 80.00' |

| -DR2- | |
|---|---|
| PI Sta 10+70.55 Δ = 13' 01" 59.6" (LT) D = 19' 05" 54.9" L = 68.24' T = 34.27' R = 300.00' | PI Sta 11+24.27 Δ = 50' 08" 19.0" (RT) D = 190' 59" 09.4" L = 26.25' T = 14.03' R = 30.00' |
| ② S 8° 53' 57.7" E | |
| ③ S 21° 55' 57.4" E | |
| ④ S 28° 12' 21.7" W | |



REVISIONS

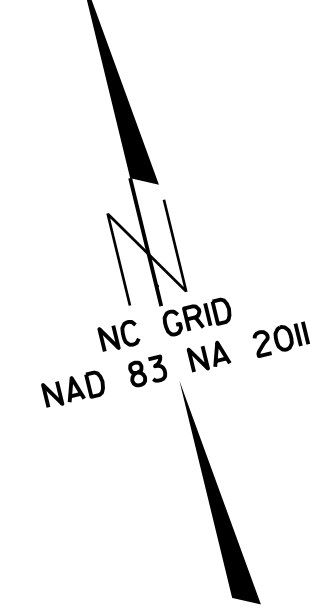
I, LEWIS L. MOORE, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & 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 27th day of February, 2020.

DocuSigned by:
Lewis Moore
D038576246514DA...
Professional Land Surveyor L-4570 Seal
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.

27 FEB 2020 15:50 67177 2020120120\FW_Ser-res\br-0048_1s_r-w-04.fgn