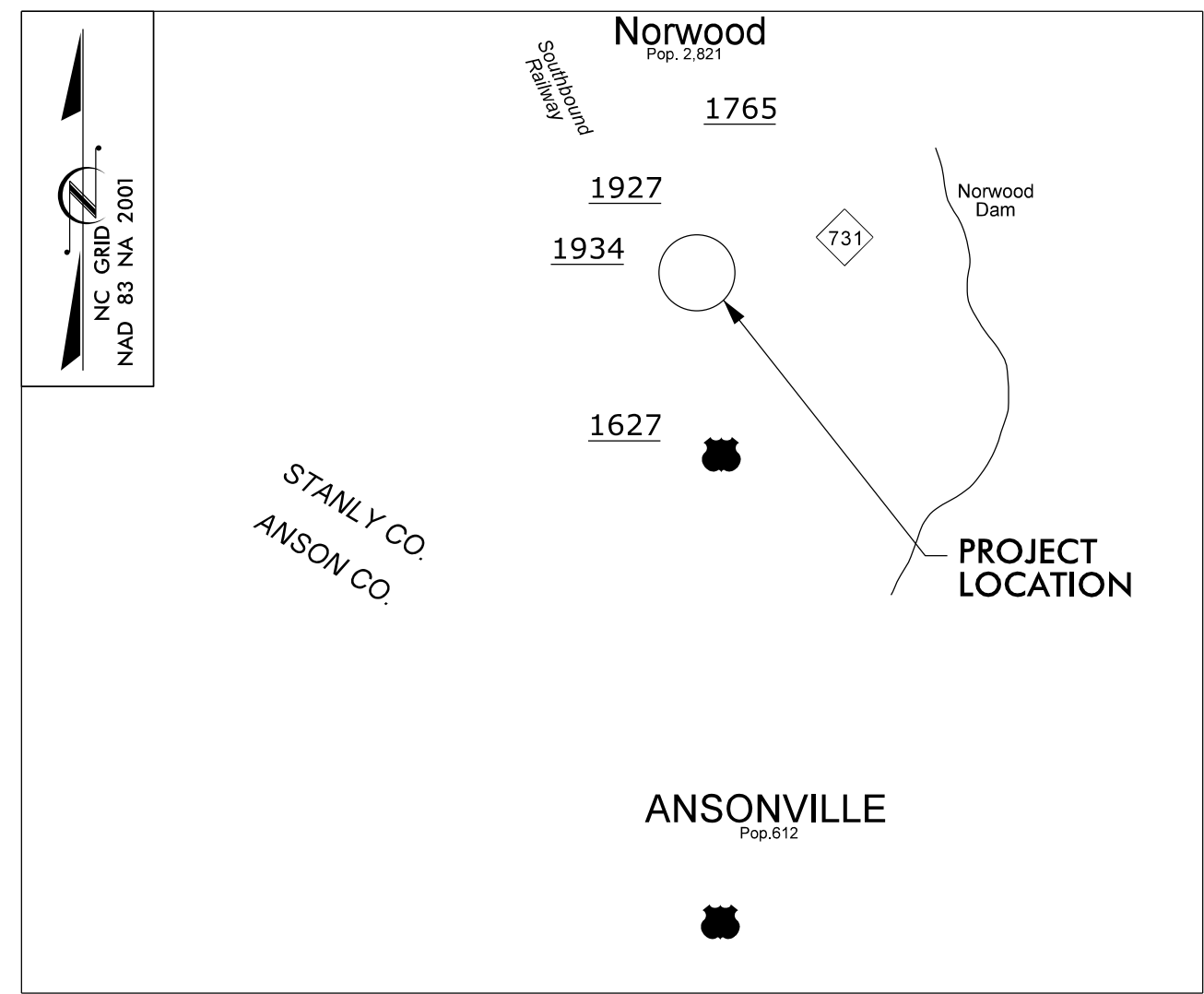


09/05/19

TIP PROJECT: B-4407

See Sheet 1A For Index of Sheets

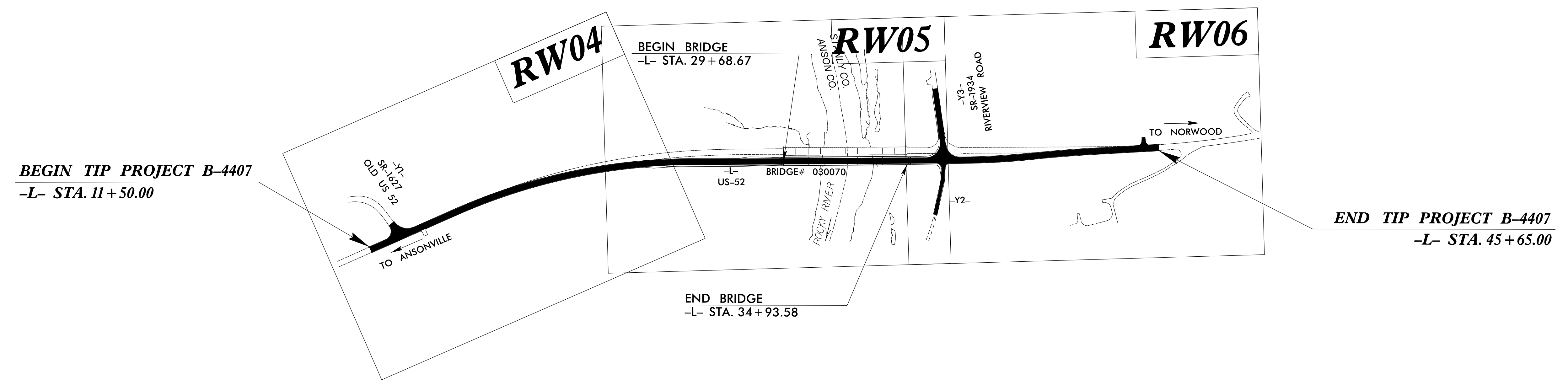
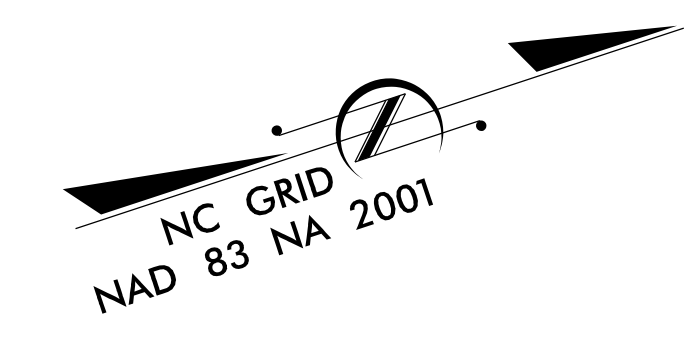


VICINITY MAP (N.T.S.)

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS  
 SURVEY CONTROL, EXISTING CENTERLINES,  
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES  
**ANSON /STANLY COUNTIES**

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	B-4407	RW01	

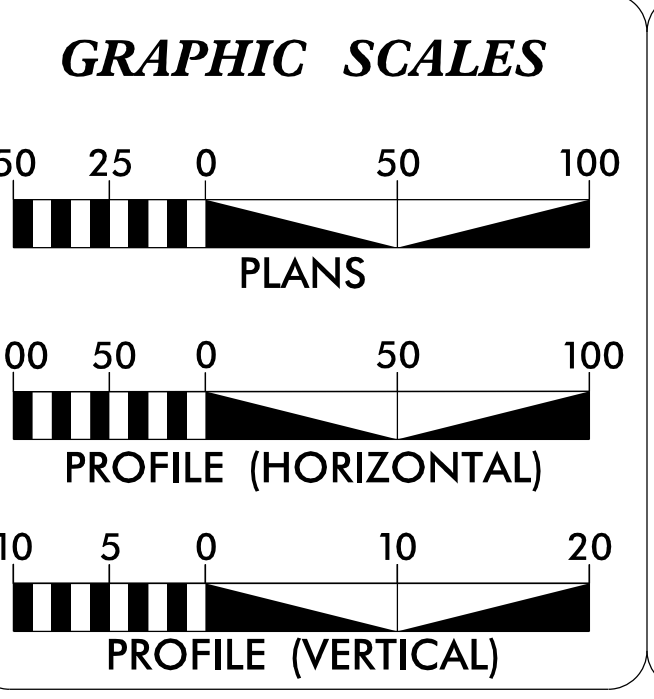


DESIGN EXCEPTION REQUIRED FOR PAVEMENT CROSS-SLOPES ON BRIDGE APPROACH SLABS AND BRIDGE DECK, AND MAXIMUM VERTICAL GRADE -L- STA. 36+45.00 TO 43+75.00

THERE IS NO CONTROL OF ACCESS ON THIS PROJECT. THIS PROJECT IS NOT WITHIN ANY MUNICIPAL BOUNDARIES. CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "RESTAURANT" WITH NAD 83/2001 (CONUS) STATE PLANE GRID COORDINATES OF NORTHING: 525461.391(ft) EASTING: 1667143.601(ft) ELEVATION: XXX.XX(ft)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999865  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "RESTAURANT" TO -L- STATION 10+00.00 IS S 12°21'32" E 246.60'(ft)  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:

801 JONES FRANKLIN ROAD, SUITE 300  
 RALEIGH, NC 27606  
 LICENSE NO.: F-0672  
 www.stantec.com

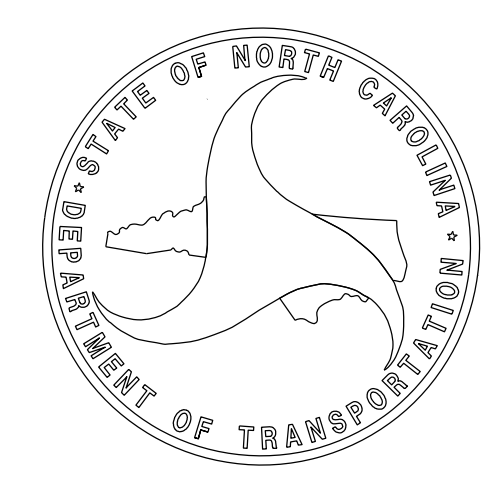
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:  
NOVEMBER 8, 2019

LETTING DATE:  
MAY 19, 2020

SIGNATURE: \_\_\_\_\_

4/20/2020  
Date: \_\_\_\_\_

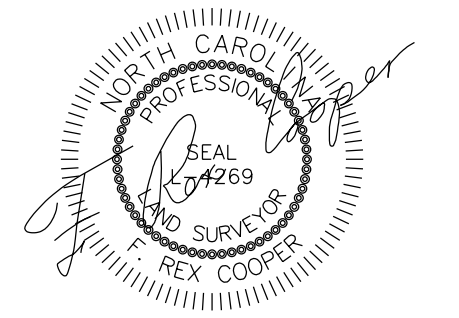


\$\$\$ SYSTEMS \$\$\$  
 \$\$\$ DDN \$\$\$  
 \$\$\$ USERNAME \$\$\$

# PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-4407	RW02D-1

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

REVISIONS

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AT:BUKOVNIK

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	525220.5086	1667196.3818
PC	15+45.00	525762.8946	1667143.0814
PT	25+71.11	526775.9656	1667252.1697
PC	37+02.47	527852.5320	1667599.9821
PRC	40+35.57	528174.0139	1667686.6613
PT	42+75.87	528407.5086	1667743.3752
PC	45+23.30	528646.4671	1667807.5381
PT	52+30.66	529342.5204	1667927.9411
PC	52+80.22	529391.9223	1667931.9140
PT	54+24.10	529535.6008	1667938.9555
POT	55+17.42	529628.9071	1667940.6064

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	525343.7146	1666949.2224
PC	10+28.10	525371.1359	1666955.3382
PT	11+57.40	525464.6535	1667036.8240
POT	12+96.96	525513.3894	1667167.6003

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	527684.3569	1667809.9494
PC	11+57.07	527764.4995	1667674.8580
PT	12+27.07	527789.0617	1667609.6898
POT	12+56.06	527794.4057	1667581.2029

Y3

TYPE	STATION	NORTH	EAST
POT	10+00.00	527866.9699	1667258.3967
POT	13+32.47	527808.0327	1667585.6055

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE PROPOSED ALIGNMENT 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

MATCH LINE -L- STA. 23 + 00.00 SEE SHEET 4

MATCH LINE -L- STA. 35 + 50.00 SEE SHEET 6

-L- CURVE DATA  
 PI Sta 20+65.38  
 $\Delta = 23^\circ 31' 00.6''$  (RT)  
 $D = 2^\circ 17' 30.6''$   
 $L = 1,026.12'$   
 $T = 520.38'$   
 $R = 2,500.00'$   
 $SE = .05$   
 $Ds = 60$  mph

②  
 GAYLE J COLE  
 DB 256 PG 134  
 DB 256 PG 138

②  
 GAYLE J COLE  
 DB 256 PG 134  
 DB 256 PG 138

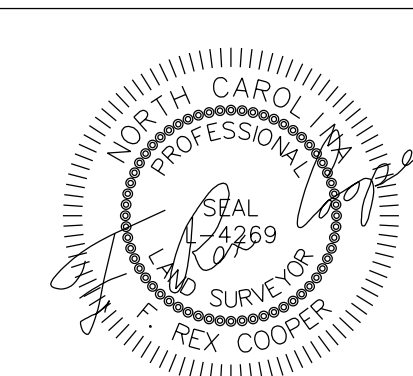
I, F. Rex Cooper, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and 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 20th day of April, 2020.

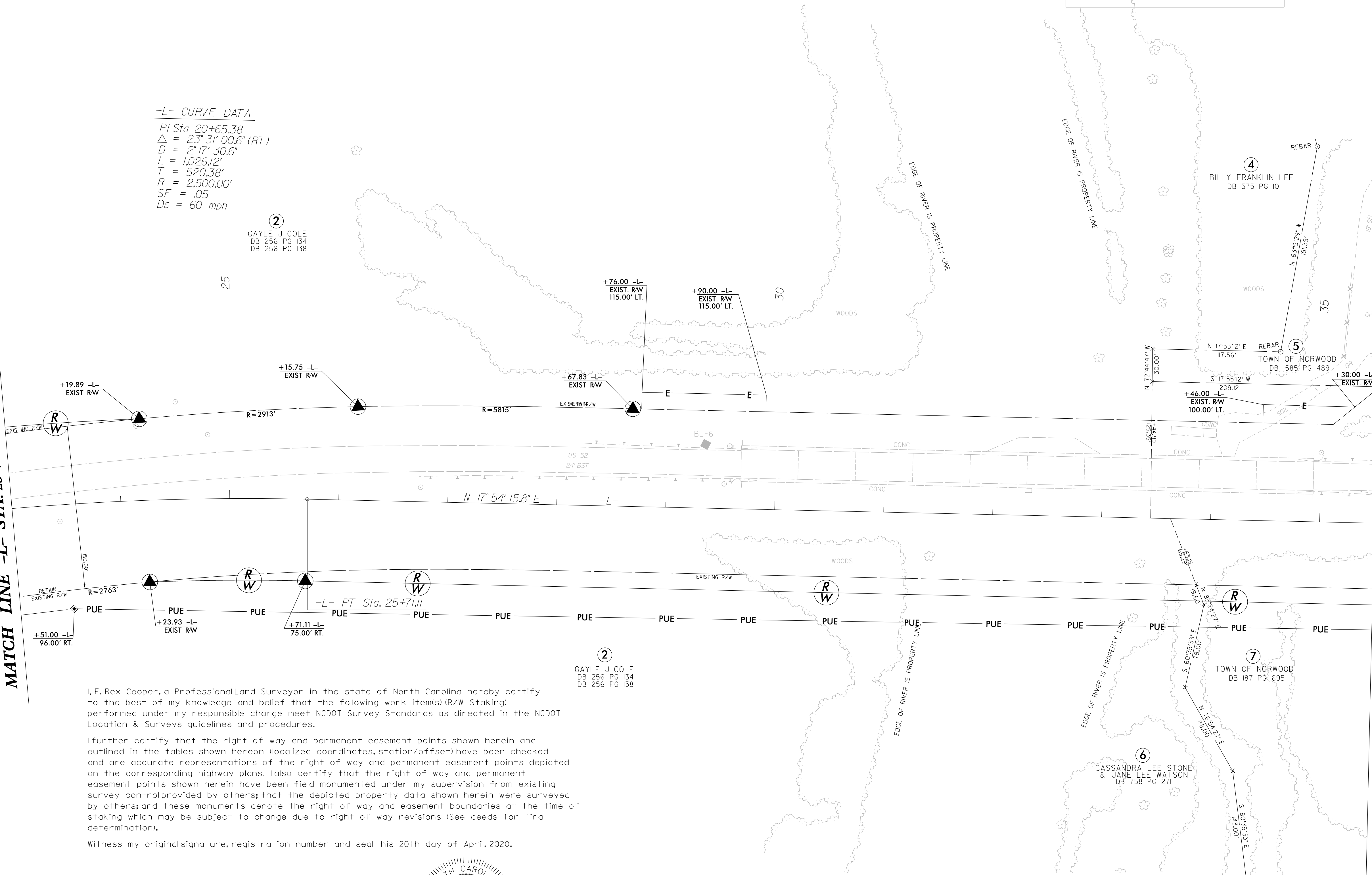
Professional Land Surveyor

L-4269



DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO. B-4407	SHEET NO. RW05
Location and Surveys	
<small>801 JONES FRANKLIN ROAD        FALCON, NC 27606        US DIME NO. 7-6472        www.stantec.com</small>	

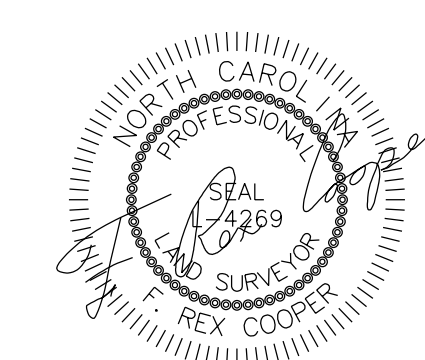


NOTES:

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.



Location and Surveys



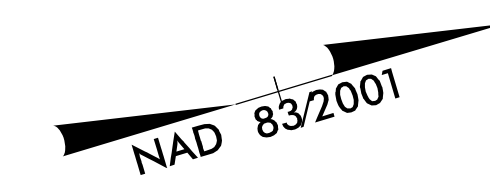
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L- CURVE DATA

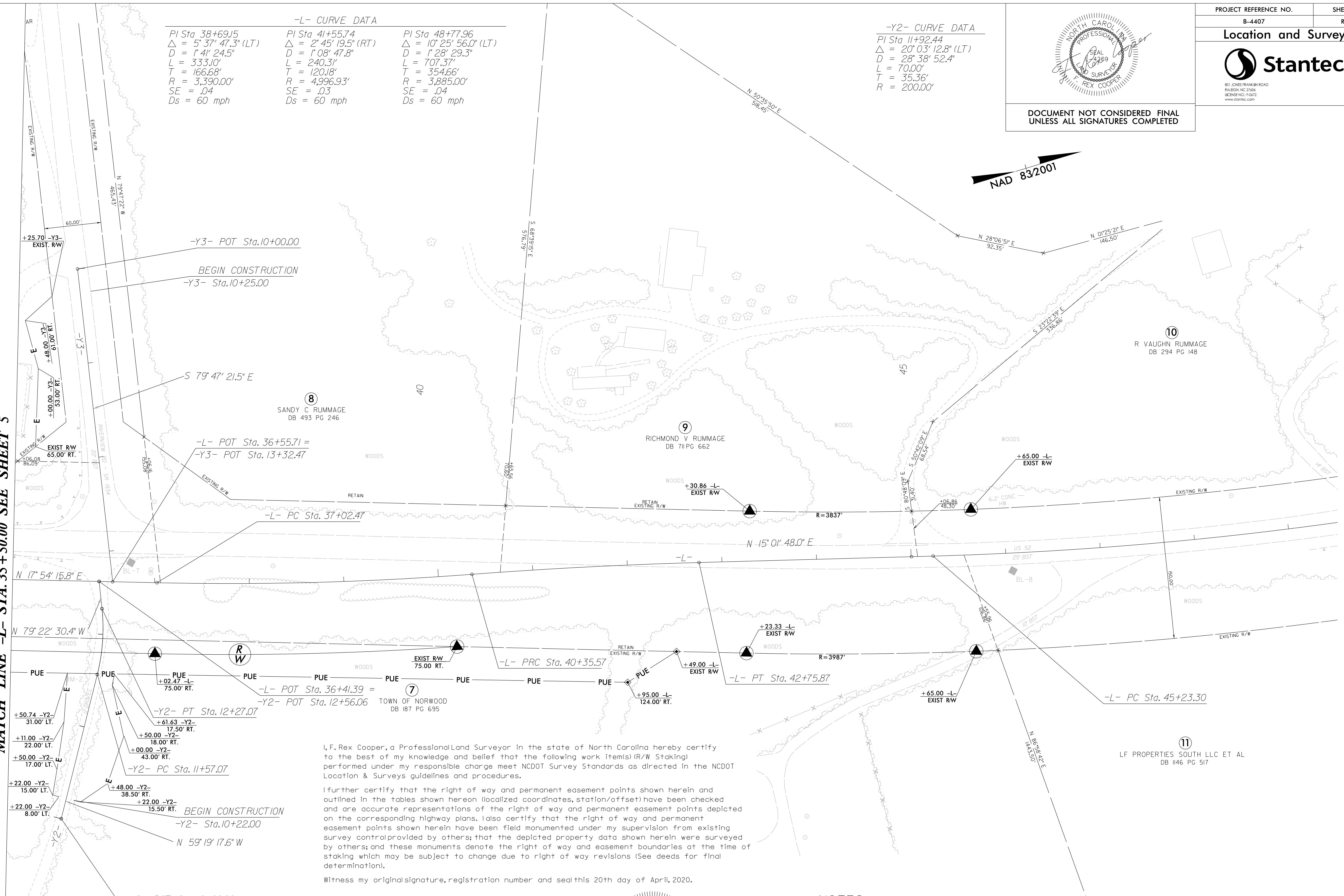
PI Sta 38+69.15 Δ = 5° 37' 47.3" (LT) D = 1° 41' 24.5" L = 333.10' T = 166.68' R = 3,390.00' SE = .04 Ds = 60 mph	PI Sta 41+55.74 Δ = 2° 45' 19.5" (RT) D = 1° 08' 47.8" L = 240.31' T = 120.18' R = 4,996.93' SE = .03 Ds = 60 mph	PI Sta 48+77.96 Δ = 10° 25' 56.0" (LT) D = 1° 28' 29.3" L = 707.37' T = 354.66' R = 3,885.00' SE = .04 Ds = 60 mph
--	--	---

-Y2- CURVE DATA

PI Sta 11+92.44 Δ = 20° 03' 12.8" (LT) D = 28° 38' 52.4" L = 70.00' T = 35.36' R = 200.00'
---



MATCH LINE -L- STA. 35 + 50.00 SEE SHEET 5



I, F. Rex Cooper, 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 20th day of April, 2020.



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

Vertical text on the left margin containing file paths and drawing identifiers.