

09/06/19

TIP PROJECT: BR-0122-0348

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0122-0348	RW01	06

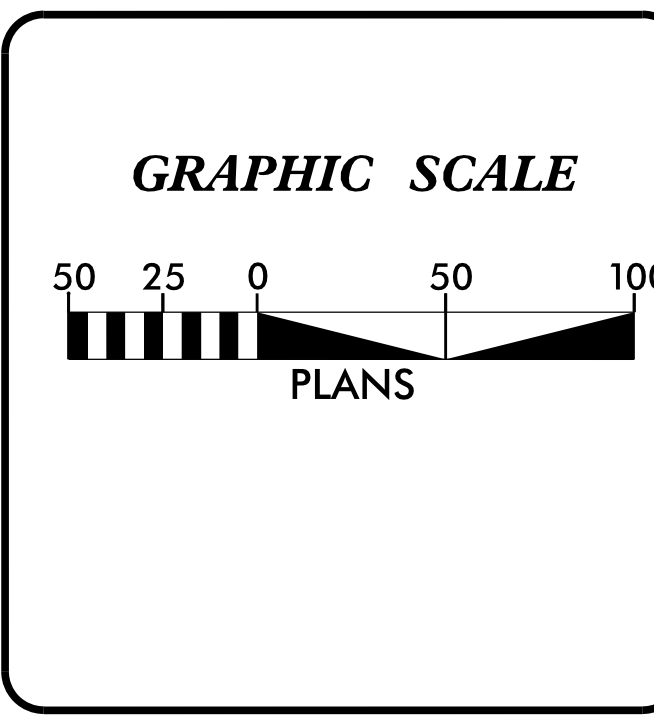
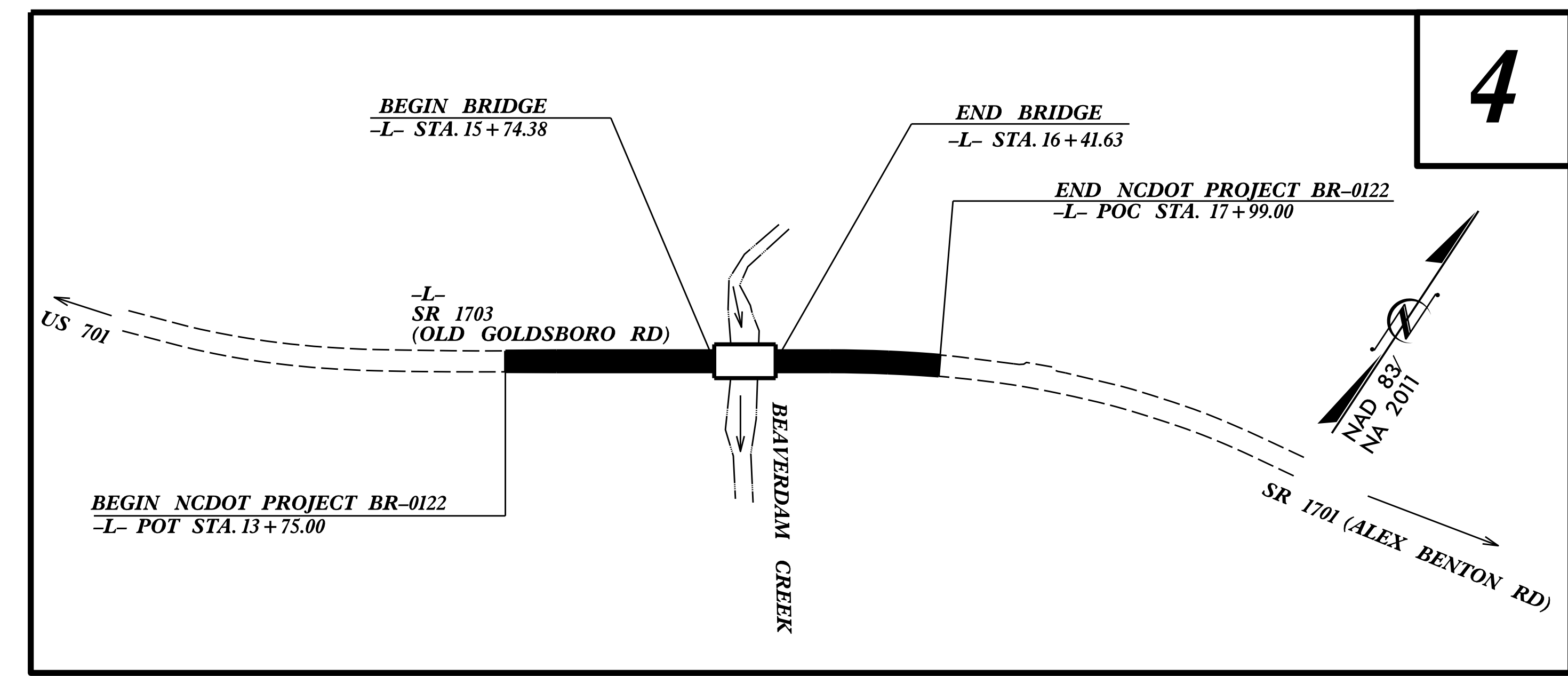
STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS

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

SAMPSON COUNTY

LOCATION: BRIDGE NO. 810348 OVER BEAVERDAM CREEK
 ON SR 1703 (OLD GOLDSBORO RD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "BR0122-2" WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF NORTHING: 549,266.8280(ft) EASTING: 2,194,665.0050(ft) ELEVATION: 175.06(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99986947

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "BR0122-0" TO -L- STATION 10+00.00 IS S 76-55'02" W 117.71(ft)

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

Prepared in the Office of:

Location and Surveys
 5310 Barbados Blvd., Suite 102
 Castle Hayne, NC 28429

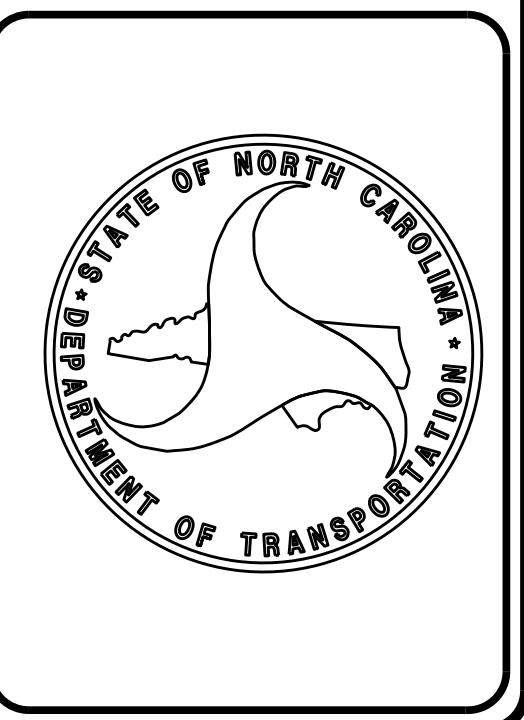
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 07/24/2019	LETTING DATE: 02/18/2020
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PROFESSIONAL LAND SURVEYOR

DocuSigned by:
 Christopher J. Sawyer
 12/10/2019

SIGNATURE: [Signature] DATE: [Date]



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


6/2/09

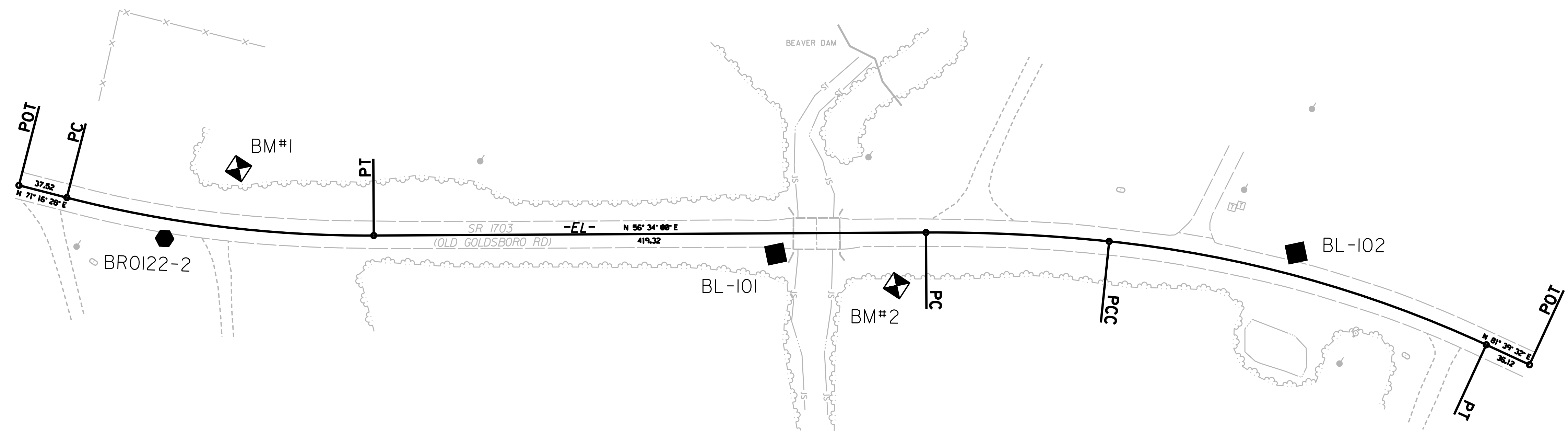
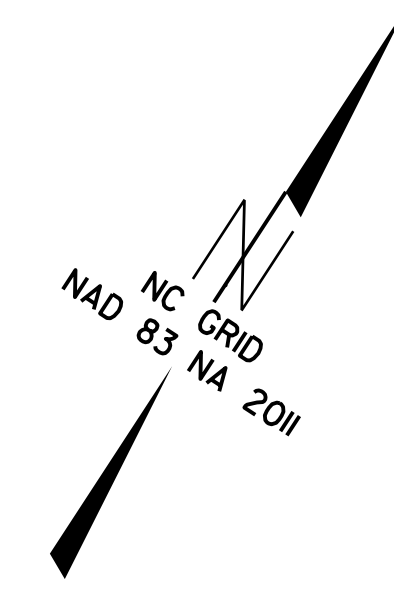
REVISIONS

29-NOV-2018 07:55 P:\2017\NCDOT\Location_and_Surveys\BR-0121\BR-0122 Conv\80-Drawings\BR-0122 Conv\80-Drawings\FOR REVIEW\br0122.1s-rw02c1.dgn
Blurner AT RAL-WS083

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
BR-0122	RW02C-1
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27605 License No. F43277 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	



SEE SHEET RW02C-2
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.


6/2/09

REVISIONS

ETHERILL ENGINEERING

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. BR-0122	SHEET NO. RW02C-2
Location and Surveys	
	
<small>1223 Jones Franklin Rd. Raleigh, N.C. 27605 License No. F43277 Bus: 919 851 8077 Fax: 919 851 8107</small>	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION</small>	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	549240.184	2194550.352							
LINE			N 71°16'28.2" E	37.52					
PC	549252.230	2194585.890							
CURVE			N 63°55'14.0" E	234.83	14°42'28.3(LT)	06°14'45.6"	235.48	118.39	917.32
PT	549355.466	2194796.811							
LINE			N 56°33'59.8" E	419.32					
PC	549586.499	2195146.748							
CURVE			N 59°39'40.0" E	139.26	06°11'20.3(RT)	04°26'31.4"	139.33	69.73	1289.85
PCC	549656.841	2195266.936							
CURVE			N 72°12'26.0" E	296.87	18°54'11.8(RT)	06°20'18.9"	298.23	150.48	903.92
PT	549747.558	2195549.611							
LINE			N 81°39'31.9" E	36.12					
POT	549752.798	2195585.348							

BL POINT	DESC.	NORTH	EAST	ELEVATION
2	BR0122-2	549266.8280	2194665.0050	175.06
101	BL - 101	549510.4610	2195059.9950	163.09
102	BL - 102	549727.0300	2195390.5800	166.71

PRIMARY CONTROL POINT	DESC.	NORTH	EAST	ELEVATION
1	BR0122-1	549093.1360	2194134.6860	181.16
2	BR0122-2	549266.8280	2194665.0050	175.06

 BM1 ELEVATION = 177.79
 N 549342 E 2194683
 BL STATION 5+55.00 54 LEFT
 BENCHTIE NAIL IN BASE OF 22" OAK

 BM2 ELEVATION = 159.85
 N 549541 E 2195150
 BL STATION 10+56.00 24 RIGHT
 BENCHTIE NAIL IN BASE OF 24" OAK

NOTES:

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PROPOSED ALIGNMENT CONTROL SHEET BR-0122-0348

PROJECT REFERENCE NO.	SHEET NO.
BR-0122-0348	RW02D-1
Location and Surveys	

- L -

TYPE	STATION	NORTH	EAST
POT	10+00.00	549240.1835	2194550.3520
PC	10+37.52	549252.2299	2194585.8895
PT	12+73.00	549355.4655	2194796.8111
PC	16+92.32	549586.4991	2195146.7482
PCC	18+31.65	549656.8407	2195266.9360
PT	21+29.88	549747.5583	2195549.6107
POT	21+66.00	549752.7980	2195585.3480

NOTES:


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REVISIONS

6/2/09

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RIGHT OF WAY CONTROL SHEET BR-0122-0348

PROJECT REFERENCE NO. BR-0122-0348	SHEET NO. RW03E-1
Location and Surveys	
5310 BARBADOS BLVD., SUITE 102 CASTLE HAYNE, NC 28429	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

ROW MARKER IRON PIN AND CAP - E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+75.00	45.00	549374.1101	2194906.7259
L	13+75.00	30.00	549386.6280	2194898.4614
L	14+50.00	-30.00	549478.0221	2194927.9929
L	14+50.00	-45.00	549490.5401	2194919.7284
L	16+92.32	45.00	549548.9454	2195171.5417
L	16+92.32	-45.00	549624.0528	2195121.9546
L	17+99.00	45.00	549602.0541	2195259.7060
L	17+99.00	30.00	549615.2120	2195252.5038
L	17+99.00	-45.00	549681.0012	2195216.4930
L	17+99.00	-30.00	549667.8434	2195223.6952

I, Christopher J. Sawyer, 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 10th day of December, 2019.

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.


 Professional Land Surveyor

L-4526
 PLS #

Seal

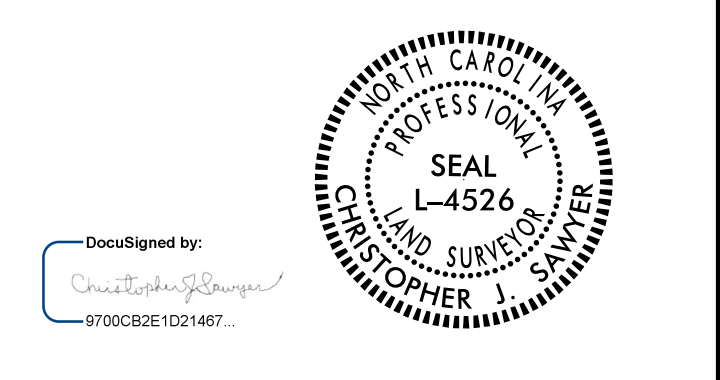
REVISIONS

6/2/19

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Location and Surveys

5310 BARBADOS BLVD., SUITE 102
CASTLE HAYNE, NC 28429

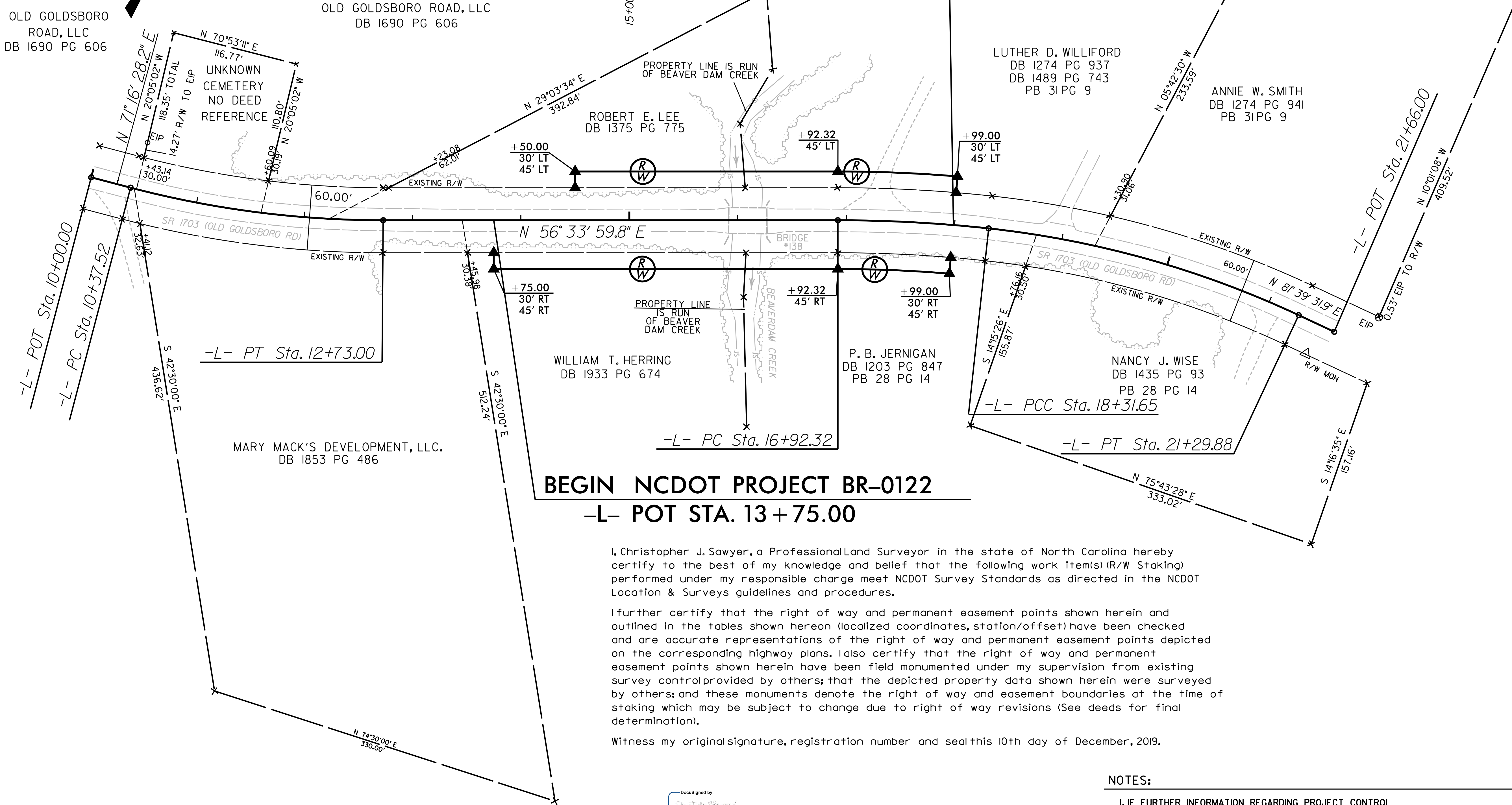


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

-L-		
PI Sta 11+55.91 Δ = 14° 42' 28.3" (LT) D = 6' 14" 45.6" L = 235.48' T = 118.39' R = 917.32'	PI Sta 17+62.06 Δ = 6' 11" 20.3" (RT) D = 4' 26' 31.4" L = 139.33' T = 69.73' R = 1,289.85' SE = .04 RO = SEE PLANS DS = 55MPH	PI Sta 19+82.13 Δ = 18° 54' 11.8" (RT) D = 6' 20' 18.9" L = 298.23' T = 150.48' R = 903.92'

END NCDOT PROJECT BR-0122
-L- POC STA. 17+99.00

BEGIN NCDOT PROJECT BR-0122
-L- POT STA. 13+75.00



I, Christopher J. Sawyer, 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 10th day of December, 2019.

Professional Land Surveyor
L-4526
PLS #
Seal

- NOTES:**
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REVISIONS

6/2/19
10 DEC 2019 08:48
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