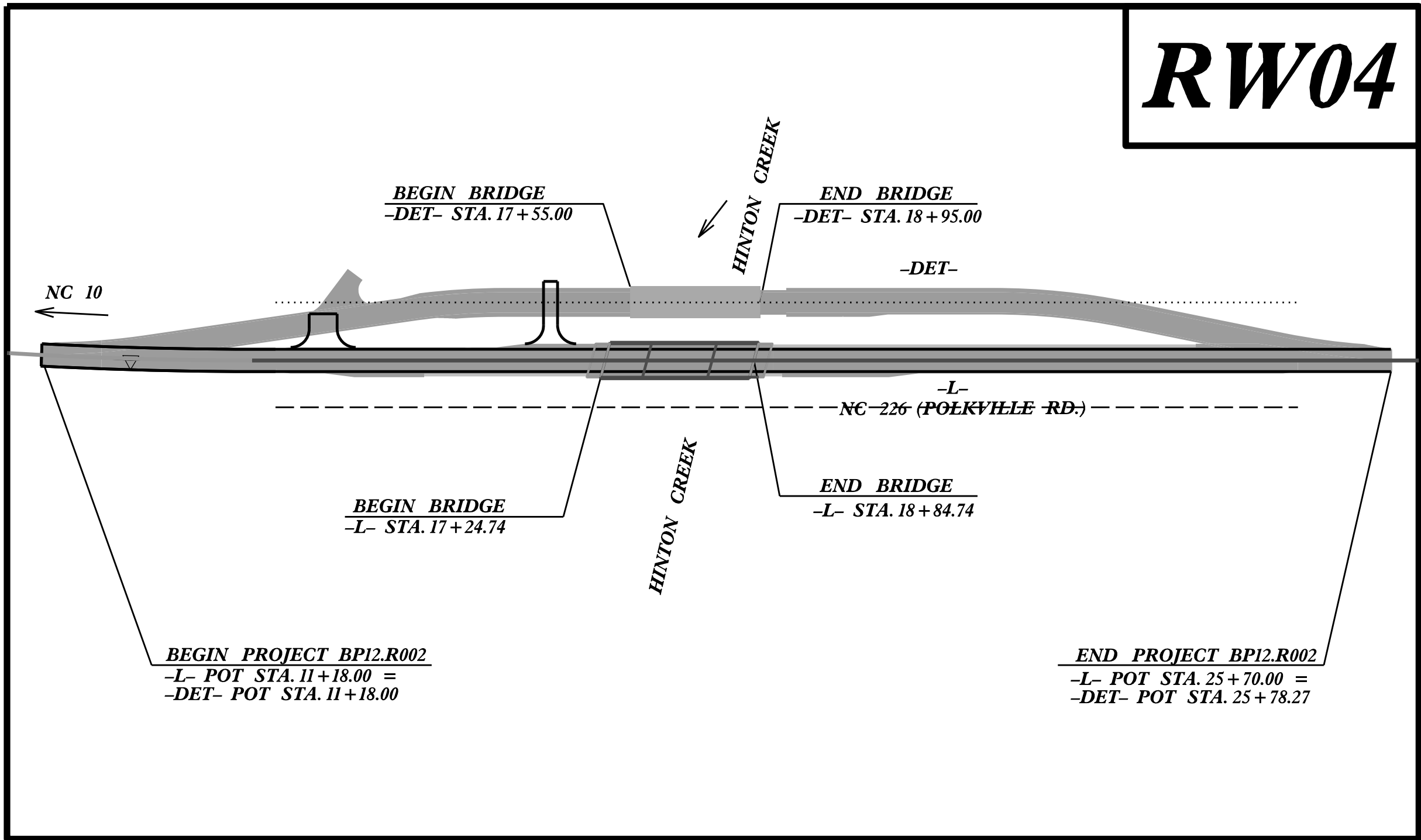
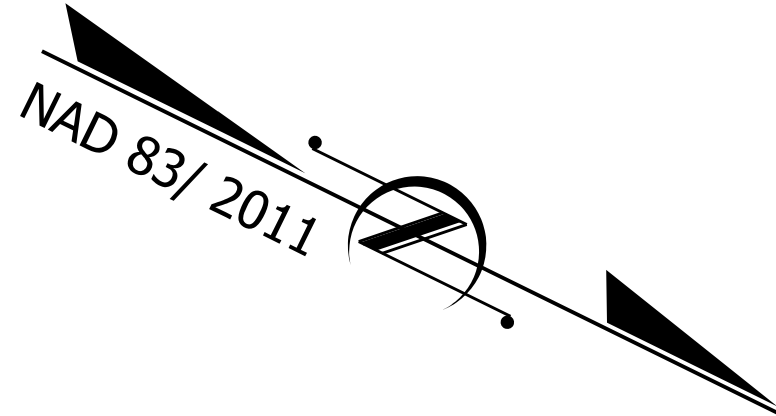
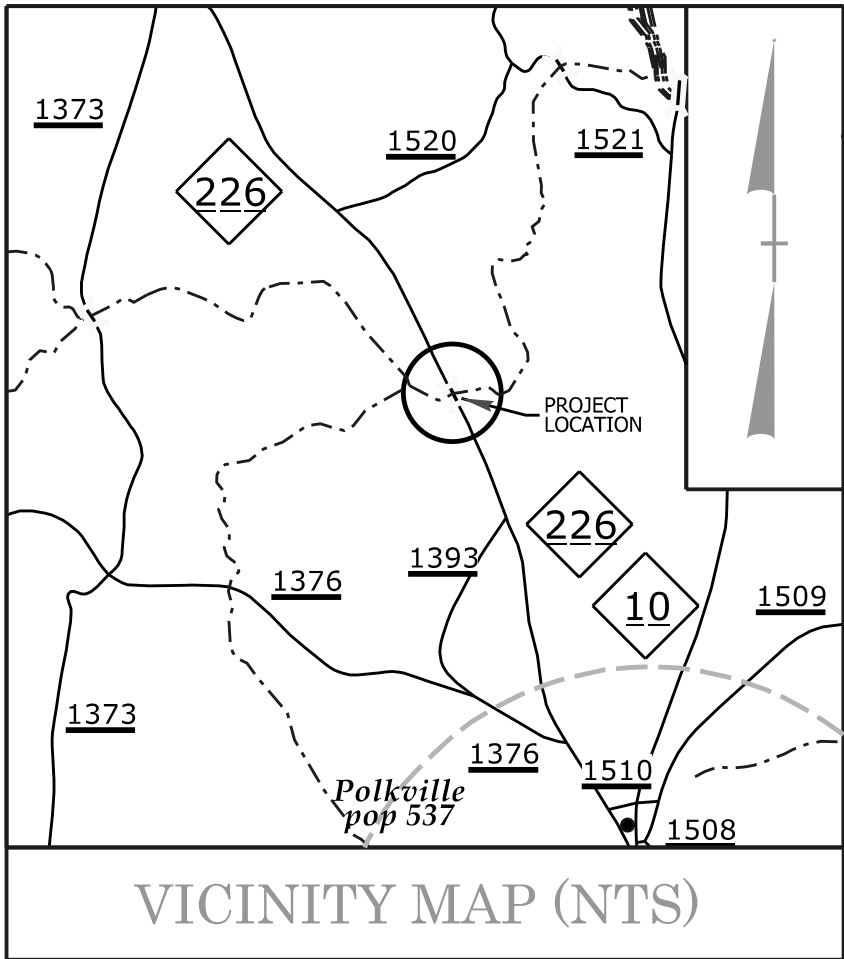


TIP PROJECT: BP12-R002

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

CLEVELAND COUNTY



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT GPS-102 WITH NAD 83/ NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 623383.209 EASTING: 1210463.909 ELEVATION: 920.61 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999838680 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



DRMP NC, INC.
NC License No: F-1524
8210 University Executive Park Drive, Suite 220
Charlotte, NC 28262
PHONE: (919) 650 1038

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
5/28/24

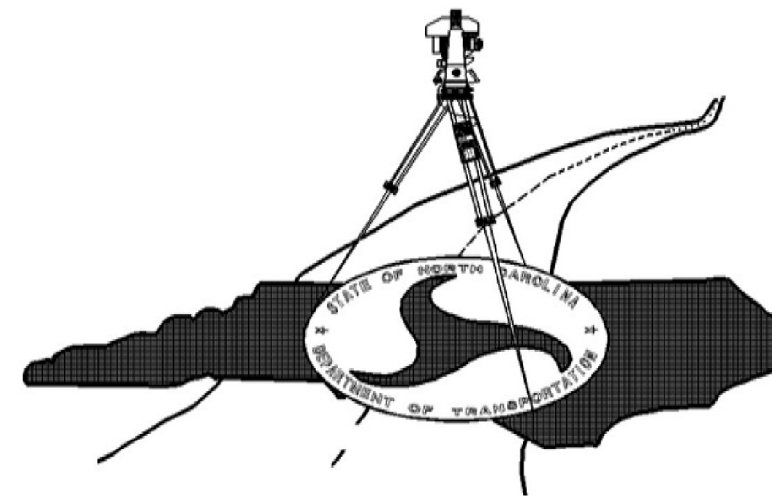
LETTING DATE:
01/20/26

PROFESSIONAL LAND
SURVEYOR



DocuSigned by:

91FF97CDED8946E...10/24/25
SIGNATURE: DATE:



—

REVISIONS

3/28/23

28-MAR-2023 13:05
S:\Units\civil\Projects\Bridges\Cleveland.22-0075..BP12.R002\LS12-22-057_Addl_Surveys\Check_PEF_files\BP12R002.ls-rw02c-1.dgn
J. Jeffreys AT LS-329652L

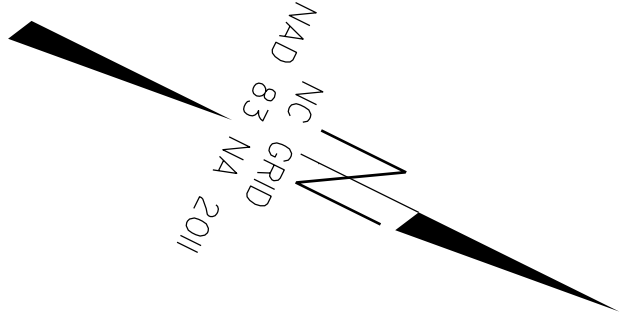
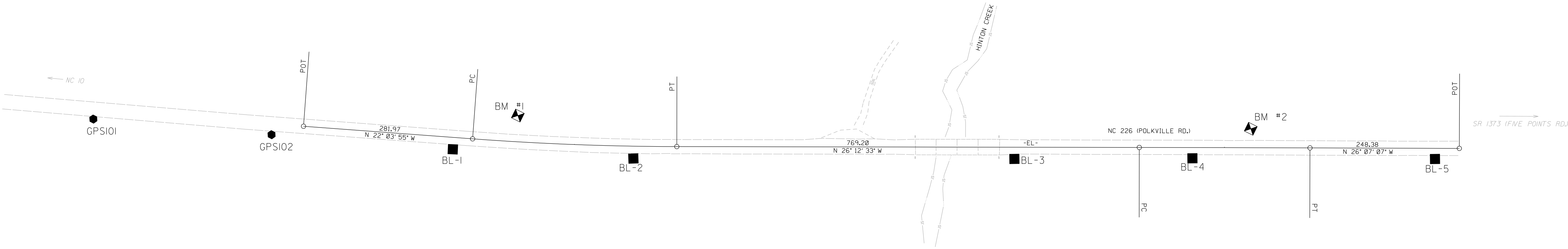
SURVEY CONTROL SHEET
W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	623424.652	1210427.779							
LINE			N 22°03'55.0" W	281.97					
PC	623685.969	1210321.854							
CURVE			N 24°08'13.8" W	339.84	04°08'37.6"(LT)	01°13'08.6"	339.92	170.03	4700.00
PT	623996.099	1210182.885							
LINE			N 26°12'32.6" W	769.20					
PC	624686.214	1209843.170							
CURVE			N 26°09'50.0" W	283.87	00°05'25.3"(RT)	00°01'54.6"	283.87	141.94	180000.00
PT	624941.001	1209717.999							
LINE			N 26°07'07.3" W	248.38					
POT	625164.018	1209608.654							

BL	POINT	DESC.	NORTH	EAST	ELEVATION
101		GPS-101	623106.0260	1210572.0200	932.17
102			623383.2090	1210463.9090	920.61
1		BL-1	623664.2180	1210351.9360	910.59
2		BL-2	623940.1470	1210232.5640	899.95
3		BL-3	624508.4490	1209952.3000	875.31
4		BL4	624773.3790	1209820.1100	883.06
5		BL5	625135.6000	1209642.3740	911.38

BM1 ELEVATION = 913.39
N 623736 E 1210254
BENCH SPIKE SET IN BASE OF 10" PINE

BM2 ELEVATION = 887.23
N 624839 E 1209733
BENCH SPIKE SET IN BASE OF 20" TULIP POPLAR



NOTES:

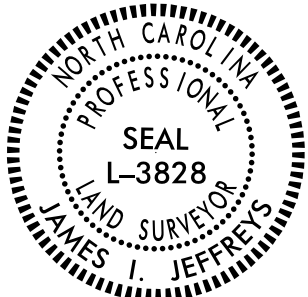
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

PROJECT REFERENCE NO.
BP12.R002

SHEET NO.
RW02C-1

Location and Surveys

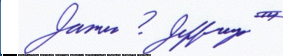
NCDOT, LOCATION & SURVEYS UNIT
SHELBY FIELD OFFICE

PROJECT SURVEYOR


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, James I. Jeffreys, PE, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me on February 27, 2017 by Mattern & Craig Consulting Engineers Surveyors and do not certify to the accuracy or quality of the individual data sources.

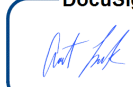
This day 03/28/2023

DocuSigned by

Professional Land Surveyor L-3828

PROPOSED ALIGNMENT CONTROL SHEET

I, AUGUST A. THICK, PLS, 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.

THIS 11TH DAY OF JUNE, 2024.

DocuSigned by:

AUGUST A. THICK
PROFESSIONAL LAND SURVEYOR L-5373

PROPOSED ALIGNMENT: L												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	623678.3960	1210324.8900	N22°42'32.20"W	83.67							
PC	10+83.67	623755.5794	1210292.5893	N24°26'58.83"W	261.14	03°28'53.25"	01°19'58.75"	261.18	130.63	4298.30		
PT	13+44.85	623993.2992	1210184.5062	N26°11'25.45"W	1302.72							
END	26+47.57	625162.2750	1209609.5420									

NOTES:

1. 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.

BP12-R002

R/W

02D-I

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

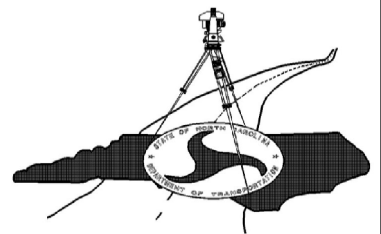


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS


TIP PROJECT: BP12-R002
County: Cleveland

PREPARED FOR



LOCATION AND
SURVEYS UNIT

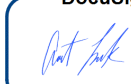
PREPARED BY



RIGHT OF WAY CONTROL SHEET

I, AUGUST A. THICK, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS PROJECT SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED MAY 2024, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 11TH DAY OF JUNE, 2024.

DocuSigned by:

94EE97CDED8946E
PROFESSIONAL LAND SURVEYOR L-5373

PERMANENT ROW MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
15+50.00	-50.29	624155.1961	1210048.838
15+50.00	-75.00	624144.2881	1210026.661
16+10.00	49.70	624253.163	1210112.073
16+25.00	75.00	624277.7913	1210128.159
20+00.00	75.00	624614.291	1209962.651
20+35.00	49.56	624634.4682	1209924.372
24+00.00	-50.34	624917.9044	1209673.637
24+00.00	-75.00	624907.0205	1209651.509

PERMANENT EASEMENT MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
12+00.00	-50.06	623841.7013	1210200.591
14+50.00	-110.00	624039.1074	1210039.39
15+50.00	-110.00	624128.8406	1209995.254
21+07.00	49.53	624699.0657	1209892.574
21+07.00	75.00	624710.3055	1209915.426
21+37.00	49.52	624725.9819	1209879.325
21+37.00	75.00	624737.2255	1209902.185
23+50.00	100.00	624939.3912	1209830.61
23+50.00	49.60	624917.149	1209785.388
24+30.00	49.70	624988.9765	1209750.163
24+30.00	100.00	625011.1777	1209795.301

**

** NAIL SET

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

BP12-R002

R/W

03E-1

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND SURVEYOR

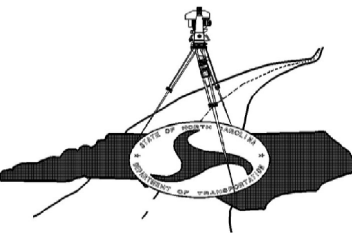


DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS


TIP PROJECT: BP12-R002
County: Cleveland

PREPARED FOR



LOCATION AND SURVEYS UNIT

PREPARED BY



RIGHT OF WAY CONTROL SHEET

I, GAVIN D. PROFFIT, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS RIGHT OF WAY REVISION SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED ON 9/26/2025, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 29TH DAY OF SEPTEMBER, 2025.

DocuSigned by:
Gavin D. Proffitt
282D412268164E7

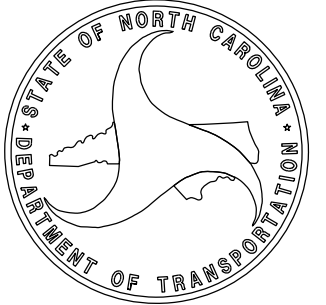
PROFESSIONAL LAND SURVEYOR L-5298

BP12.R002

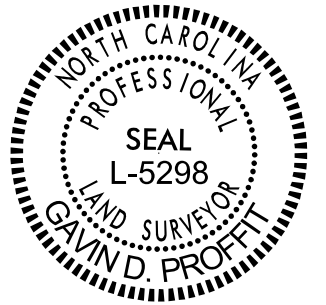
R/W

03E-1A

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR



DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL SIGNATURES
ARE COMPLETED

2024 STANDARD
SPECIFICATIONS

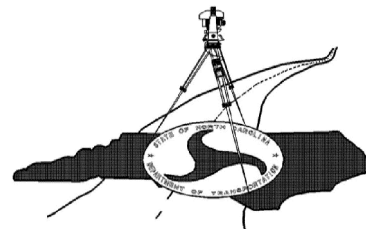
PERMANENT EASEMENT MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
14+50.00	-110.0000	624039.1074	1210039.3897
15+50.00	-110.0000	624128.8406	1209995.2542

- REMOVED -

PERMANENT EASEMENT MARKER IRON PIN AND CAP: L			
STATION	OFFSET	NORTH	EAST
13+72.21	-50.2272	623995.6854	1210127.3586
13+74.62	-92.5360	623979.1767	1210088.3290

- SET -

PREPARED FOR



LOCATION AND
SURVEYS UNIT

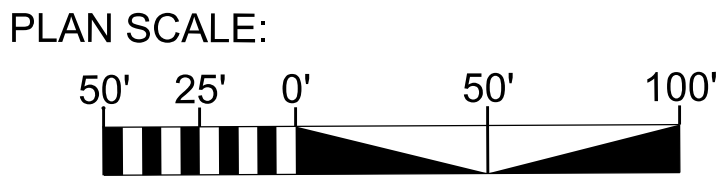
PREPARED BY
NCDOT - DIVISION 12
LOCATION & SURVEYS

2312 KINGS RD. EXT.
SHELBY, NC 28152

NOTES:


1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

TIP PROJECT: BP12.R002
County: CLEVELAND



PROFESSIONAL LAND SURVEYOR L-5373

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL
IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

2024 STANDARD
SPECIFICATIONS

DRMP

CUR DATA -L-
Pic 12+14.30'
Δc = 03°28'53.3" (LT)
D = 01°19'58.8"
Lc = 261.18
Tc = 130.63
R = 4,298.3
SE = EXIST

JONATHAN A. ESPOSITO
DB 1820 PG 2170, TRACT ONE

TYLER ROYSTER &
JULIE E. ROYSTER
DB 1802 PG 2784, TRACT ONE

DAN-D LAND LLC
DB 1791 PG 1583

THE CARMICHAEL FARM
LIMITED PARTNERSHIP
DB 1285 PG 899

I, GAVIN D. PROFFIT, PLS, CERTIFY THAT THE RIGHT OF WAY AND PERMANENT EASEMENT MONUMENTATION FOR THIS RIGHT OF WAY REVISION SHOWN HEREIN WAS COMPLETED UNDER MY DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION; THAT ALL HORIZONTAL CLOSURES HAD A MINIMUM RATIO OF PRECISION OF 1:10,000 (CLASS A). FIELD WORK WAS PERFORMED ON 9/26/2025, AND ALL COORDINATES ARE BASED ON NAD83/NA 2011; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS OF 21NCAC 56.1600 AS APPLICABLE.

THIS 29TH DAY OF SEPTEMBER, 2025.

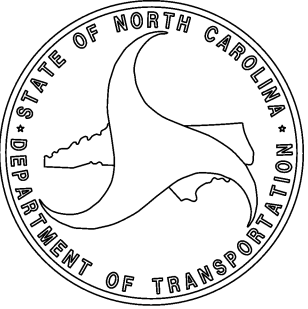
DocuSigned by:
Gavin D. Proffitt
2820412268164E7...

PROFESSIONAL LAND SURVEYOR L-5298

BP12.R002

R/W 04A

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



PROFESSIONAL LAND
SURVEYOR

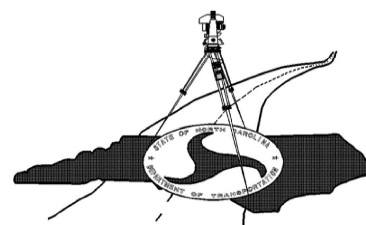


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2024 STANDARD
SPECIFICATIONS

TIP PROJECT: BP12.R002
County: CLEVELAND

PREPARED FOR



LOCATION AND
SURVEYS UNIT

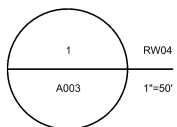
PREPARED BY
NCDOT - DIVISION 12
LOCATION & SURVEYS
2312 KINGS RD. EXT.
SHELBY, NC 28152

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.



SCALE 1"=50'



THE PURPOSE OF THE REVISION IS TO
SET TWO NEW PUE MONUMENTS AT STAT. +72.21 & +74.62
REMOVED PUE MONUMENTS AT STAT. +50.00 & +50.00
SET TCE AT STAT. +50.00 & +50.00

JONATHAN A. ESPOSITO
DB 1820 PG 2170, TRACT THREE

TYLER ROYSTER &
JULIE E. ROYSTER
DB 1802 PG 2784, TRACT TWO

DANIEL GOLD LATTIMORE
DB 1807 PG 1004