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STATE OF NORTH CAROLINA N.C. BR-0044 |RW01|DIVISION OF HIGHWAYS SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENTS AND PROPERTY TIES ROCKINGHAM COUNTY BEGIN TIP PROJECT BR-0044 -L- STA.10+75.00 END TIP PROJECT BR-0044 -L- STA. 33+30.00 RW04RW06 BEGIN BRIDGE -L- STA.19+36.29 NC 14 /NC 87 N. VAN BUREN RD ── TO RIDGEWAY END BRIDGE -L- STA.24+57.71 **DATUM DESCRIPTION** Prepared in the Office of: THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT GRAPHIC SCALE IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY Dewberry

Dewberry Engineers Inc.

551 PINEY FOREST ROAD
DANVILLE, VA 24540
PHONE: 434.797.4497
FAX: 434.797.4341
NCREI S.#F-0929 PROFESSIONAL LAND NCDOT FOR MONUMENT "BR0044-2" **SURVEYOR** WITH NAD 83/NSRS 2011 STATE PLANE GRID COORDINATES OF NORTHING: 1012258.796(ft) EASTING: 1773751.701(ft) ELEVATION: 612.29(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT

2018 STANDARD SPECIFICATIONS

LETTING DATE:

APRIL 21, 2020

Robert H. Bengtson

SIGNATURE:

RIGHT OF WAY DATE:

JUNE 17, 2019

(GROUND TO GRID) IS: 1.000097072
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM

"BR0044-2" TO -L- STATION 15+00 IS

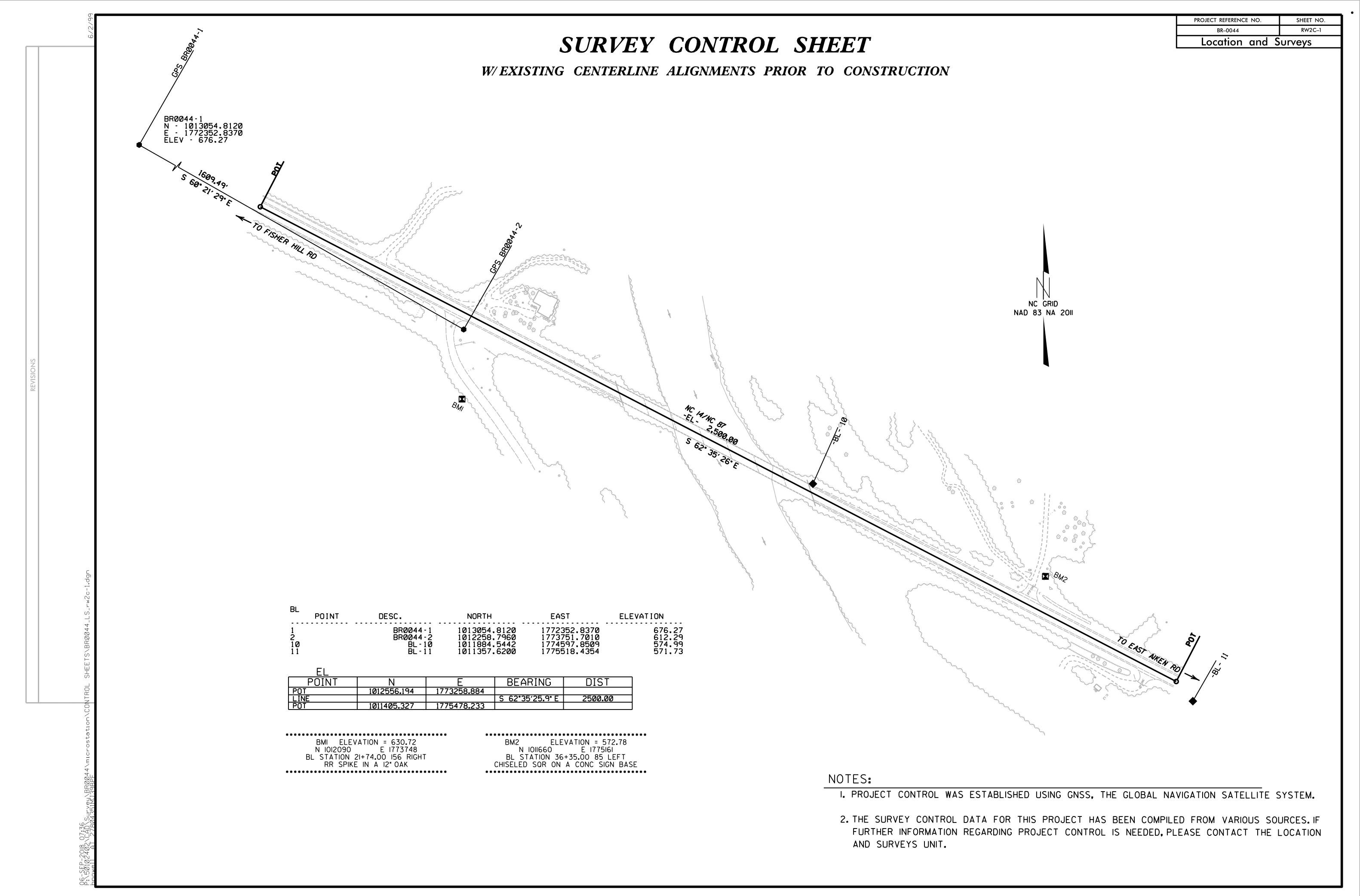
N 23-35'58.6" W 97.64(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES

VERTICAL DATUM USED IS NAVD 88/GEOID G12NC

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PROPOSED ALIGNMENT CONTROL SHEET

Location and Surveys

Dewberry
Dewberry Engineers Inc.

551 PINEY FOREST ROAD
DANVILLE, VA 24540
PHONE: 434.797.4497
FAX: 434.797.4341
NCBELS #F-0929



STATION	NORTH	EAST
10.00.00	1012556.1940	1773258.8841
12.37.25	1012446.9763	1773469.5012
14.79.46	1012354.5863	1773693.0653
17.21.15	1012262.4294	1773916.1801
26.80.27	1011821.2097	1774767.7878
29 • 23 • 99	1011690.8715	1774973.3592
31.67.20	1011560.7663	1775178.4812
35.04.86	1011405.3269	1775478.2326
	10.00.00 12.37.25 14.79.46 17.21.15 26.80.27 29.23.99 31.67.20	10.00.00 1012556.1940 12.37.25 1012446.9763 14.79.46 1012354.5863 17.21.15 1012262.4294 26.80.27 1011821.2097 29.23.99 1011690.8715 31.67.20 1011560.7663

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.

RIGHT OF WAY CONTROL SHEET

I, ROBERT H. BENGTSON, 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.

Ifurther 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.

Ifurther 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 sealthis 14th day of November, 2019.

L-3453

PLS #

Robert H. Bengtion

EA79E7CA33894F1...

Professional Land Surveyor

Seal

PROJECT REFERENCE NO. SHEET NO.

BR-0044 RW03E-1

Location and Surveys



FAX: 434.797.4341 NCBELS #F-0929

PROJECT SURVEYOR

SEAL L-3453 SURVEY OF SURV

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ROW MARKER IRON PIN AND CAP-E

AL I GN	STATION	OFFSET	NORTH	EAST
L	18.60.00	- 75.00	1012265.1494	1774073.9644
L	15.59.00	-150.00	1012468.7968	1773821.3593
L	15.85.00	-150.00	1012458.3477	1773848.1811
L	15.85.00	- 75.00	1012388.7194	1773820.3084
L	17.21.15	- 75.00	1012329.0223	1773950.6820
L	18.60.00	-135.00	1012318.4238	1774101.5659
L	23.74.00	-95.00	1012046.4543	1774539.5484
L	23.74.00	-117.00	1012065.9883	1774549.6689
L	29.95.70	-65.00	1011702.4440	1775068.1884
L	28.07.00	-82.00	1011827.0029	1774921.6679
L	19.25.00	-135.00	1012288.5221	1774159.2798
L	19.60.00	-95.00	1012236.9050	1774171.9554
L	13.83.00	-67.79	1012449.8256	1773626.9271

NOTES:

- I. 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

I, ROBERT H. BENGTSON, a ProfessionalLand 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.

Ifurther 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.

Ifurther 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. Ialso certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey controlprovided 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 sealthis 14th day of November, 2019.

Robert H. Bengtson EA79E7CA33894F1...

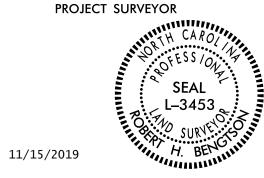
ProfessionalLand Surveyor

L-3453 PLS #

PROJECT REFERENCE NO. SHEET NO. BR-0044 RW03E-2

Location and Surveys





DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NOTES:

- I. 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.

DOW MADIZED DEDMANENT EACEMENT -

RUW MARKER PERMANENT EASEMENT-E							
AL I GN	STATION	OFFSET	NORTH	EAST			
L	14.25.00	110.00	1012268.4195	1773604.3338			
L	14.60.00	110.00	1012256.1237	1773640.0242			
L	14.25.00	88.36	1012288.7862	1773611.6365			
L	14.60.00	93.87	1012271.4398	1773645.0875			

