SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-5797	RW02C-8

Location and Surveys

DIVISION OF HIGHWAYS
LOCATION AND SURVEYS
DIVISION 6 FIELD OFFICE

PROJECT SURVEYOR

DocuSigned by: John E Kaukola Jr. F360958AF7B8462...

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	251565.594	2012907.817							
LINE			S 57°06'19.3" E	717.17					
PC	251176.101	2013510.004							
CURVE			S 42°52'44.5" E	2345.25	28°27'09.6"(RT)	01°12'02.8"	2369.52	1209.72	4771.56
PT	249457.524	2015105.834							
LINE			S 28°39'09.8" E	2139.40					
POT	247580.108	2016131.676							
LINE			S 28°41'09.1" E	2129.29					
POT	245712.153	2017153.752							

EL1

POINT	N	E	BEARING	DIST
POT	253548.888	2010776.651		
LINE			S 42°49'15.1" E	1259.15
POT	252625.321	2011632.508		

ELORIGINAL

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	251565.594	2012907.817							
LINE			S 57°06'19.3" E	717.17					
PC	251176.101	2013510.004							
CURVE			S 42°52'44.5" E	2345.25	28°27'09.6"(RT)	01°12'02.8"	2369.52	1209.72	4771.56
PT	249457.524	2015105.834							
LINE			S 28°39'09.8" E	2857.86					
POT	246949.635	2016476.174							

EY1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	250426.600	2015730.699							
LINE			N 47°22'20.4" W	20.13					
PC	250440.233	2015715.887							
CURVE			N 56°07'08.7" W	587.53	17°29'36.6"(LT)	02°57'57.3"	589.82	297.22	1931.81
PCC	250767.763	2015228.121							
CURVE			N 69°35'09.1" W	305.25	09°26'24.0"(LT)	03°05'20.5"	305.60	153.15	1854.82
PT	250874.236	2014942.039							
LINE			N 74°18'21.1" W	1177.61					
POT	251192.781	2013808.334							

EYA

POINT	N	E	BEARING	DIST
POT	250731.219	2015301.884		
LINE			N 19°23'30.2" E	453.83
POT	251159.303	2015452.567		

EYB

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	250733.242	2015298.000							
CURVE			S 20°47'03.2" W	144.94	00°32'35.2"(LT)	00°22'28.9"	144.94	72.47	15291.27
PCC	250597.730	2015246.566							
CURVE			S 19°25'17.8" W	134.98	02°10'55.7"(LT)	01°36'59.4"	134.99	67.50	3544.43
PCC	250470.427	2015201.682							
CURVE			S 18°31'11.9" W	157.44	00°22'44.0"(RT)	00°14'26.4"	157.44	78.72	23808.31
PT	250321.144	2015151.675							
LINE			S 18°42'33.9" W	631.15					
POT	249723.343	2014949.221							

EYC

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	249723.459	2014949.147							
LINE			S 18°51'01.1" W	1069.90					
PC	248710.939	2014603.464							
CURVE			S 16°35'13.4" W	145.48	04°31'35.4"(LT)	03°06'38.6"	145.51	72.79	1841.88
PCC	248571.517	2014561.935							
CURVE			S 01°41'52.2" W	243.79	25°15'07.1"(LT)	10°16'27.4"	245.78	124.92	557.66
PCC	248327.830	2014554.712							
CURVE			S 14°06'50.6" E	106.79	06°22'18.4"(LT)	05°57'48.0"	106.85	53.48	960.80
PT	248224.260	2014580.754							
LINE			S 17°17'59.8" E	61.05					
PC	248165.969	2014598.909							
CURVE			S 19°45'14.9" E	163.45	04°54'30.2"(LT)	03°00'07.5"	163.50	81.80	1908.54
PCC	248012.138	2014654.153							
CURVE			S 29°18'43.8" E	240.15	14°12'27.6"(LT)	05°54'03.6"	240.77	121.00	970.95
PCC	247802.735	2014771.723							
CURVE			S 38°24'19.9" E	148.92	03°58'44.6"(LT)	02°40'17.0"	148.95	74.51	2144.80
PT	247686.035	2014864.236							
LINE			S 40°23'42.2" E	509.72					
POT	247297.837	2015194.561							

I, JOHN E. KAUKOLA JR., PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

Class of survey: ***AA***
Type of GPS field procedure: Fast-Static
Dates of survey: January 4, 2018
Datum/Epoch:NAD83/NA2011
Published/Fixed-control use: Project Control
Localized around: R-5797-4
Northing:252670.283
Easting:2011601.474
Combined grid factor:0.09999718048
Geoid model:G12B
Units:US Survey Foot

I also certify that the Baseline Control for this project 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 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from August 2017 to January 2018
, and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 1st day of March, 2021.

DocuSigned by: John E Kaukola Jr. F360958AF7B8462...

Professional Land Surveyor L-3999

NORTH CAROLINA PROFESSIONAL SEAL L-3999 LAND SURVEYOR JOHN E. KAUKOLA, JR.

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.

REVISIONS

6/2/99

16-FEB-2021 14:07
\\DIV06-314142\Projects\R-jobs\R-5797\E-row_sheets_210122\work\RW\r-5797_ls-rw02c-8.dgn
cmblackmon AT DIV06-312634