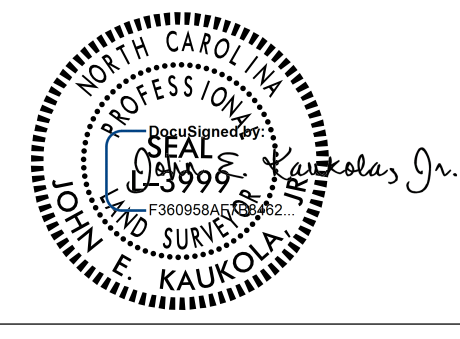


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. U-5798A	SHEET NO. RW02C-4
Location and Surveys	
DIVISION OF HIGHWAYS LOCATION AND SURVEYS DIVISION 6 FIELD OFFICE	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BL	POINT	DESC.	NORTH	EAST	ELEVATION
82		BL - 82	454196.1480	1980334.4660	230.16
190		BL - 190	454698.5150	1980682.0030	227.72
191		BL - 191	455079.4680	1981053.1330	209.38
192		BL - 192	455452.4800	1981554.2010	196.84
193		BL - 193	455799.8330	1982072.6580	183.02
194		BL - 194	456414.9090	1982479.3270	204.83
195		BL - 195	456997.8250	1982575.0120	218.89
196		BL - 196	457442.5190	1982848.8680	219.23
197		BL - 197	458056.3140	1983134.2730	221.73
198		BL - 198	458590.8040	1983256.2920	222.56
199		BL - 199	459056.0260	1983348.2050	222.78
200		BL - 200	459614.7590	1983505.4820	220.53
201		BL - 201	460045.2490	1983687.2490	215.08
202		BL - 202	460610.6020	1983762.2920	219.92
203		BL - 203	461053.4270	1983663.6340	208.87
204		BL - 204	461655.4660	1983849.5950	157.31
205		BL - 205	462206.3350	1983803.7550	159.25
206		BL - 206	462752.0400	1984030.4040	184.47
207		BL - 207	463211.7850	1984229.6190	202.11
208		BL - 208	463720.1870	1984461.8200	211.26
209		BL - 209	464189.9570	1984635.8340	216.55
210		BL - 210	464663.3270	1984868.5990	223.57
211		BL - 211	465083.9060	1985139.2310	216.98
212		BL - 212	465586.5550	1985239.5610	207.18

U5707_BY_ADD	POINT	DESC.	NORTH	EAST	ELEVATION
390		U5707 390	454863.4464	1980890.3288	217.69
391		U5707 391	454668.1428	1981227.3990	217.63

BY90	POINT	DESC.	NORTH	EAST	ELEVATION
390		U5707 390	454863.4464	1980890.3288	217.69
391		U5707 391	454668.1428	1981227.3990	217.63

BY92	POINT	DESC.	NORTH	EAST	ELEVATION
213		EY92-213	459373.2610	1982787.7770	221.10
A199		U5798	459056.0260	1983348.2050	222.78
214		EY92-214	458614.2650	1983818.2430	221.38

BY94	POINT	DESC.	NORTH	EAST	ELEVATION
14			465702.7330	1983142.4540	222.63
13			465202.1280	1983974.5790	224.95
A210			464663.3270	1984868.5990	223.57
215		EY94-215	464589.7930	1985267.8130	217.78

 BM4 ELEVATION = 215.33
 N 454889 E 1981134
 BENCHTIE IN 15" OAK

 BM5 ELEVATION = 201.80
 N 456520 E 1982313
 BENCHTIE IN 7" PINE

 BM6 ELEVATION = 220.53
 N 457077 E 1982421
 BENCHTIE IN 10" PINE

 BM7 ELEVATION = 225.50
 N 458479 E 1983029
 BENCHTIE IN 16" OAK

 BM8 ELEVATION = 216.02
 N 460221 E 1983941
 BENCHTIE IN 36" S. GUM

 BM9 ELEVATION = 163.00
 N 461564 E 1983972
 BENCHTIE IN 12" TREE

 BM10 ELEVATION = 192.14
 N 462841 E 1984242
 BENCHTIE IN 18" PINE

 BM11 ELEVATION = 211.54
 N 463888 E 1984725
 BENCHTIE IN 12" PINE

 BM12 ELEVATION = 210.83
 N 465619 E 1985192
 BENCHTIE IN 10" PINE

I, John E. Kaukola, Jr., PLS, certify that the Project Control was verified 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: RTN
 Dates of survey: July 1, 2017
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-5756-6
 Northing: 458178.679
 Easting: 1977104.085
 Combined grid factor: 0.999881714
 Geoid model: G12NC
 Units: US Survey Feet

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 07/01/2017 to 09/06/2017, 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 28 day of October, 2021.

DocuSigned by:
 John E. Kaukola, Jr.
 Professional Land Surveyor L-3999



REVISIONS

25-OCT-2021 10:03 AM
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 AT DIV06-312634
 cmlackmon

NOTES:

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