

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

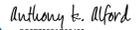
PROJECT REFERENCE NO. U-4753	SHEET NO. RW02C-3
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, 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: 05/20/2025
 Datum/Epoch: NAD83/NA2011
 Published/Fixed-control use: N/A
 Localized around: U-4753-3
 Northing: 609153.117
 Easting: 2317449.758
 Combined grid factor: 0.9998757874
 Geoid model: Geoid12B
 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 09/07/2017 to 02/28/2018, 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 14th day of October, 2025.

DocuSigned by:

 Anthony K. Alford
 Professional Land Surveyor L-4372

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		U-4753-1	604816.1450	2314147.8620	122.74
2		U-4753-2	605472.0530	2314579.9970	127.42
101		BL-101	605978.5450	2314926.8470	129.11
102		BL-102	606531.4410	2315274.9220	130.11
103		BL-103	607229.7630	2315770.6960	123.21
104		BL-104	607881.1700	2316316.2050	128.10
105		BL-105	608850.4490	2317115.7980	150.01
5		U-4753-5	609214.0050	2317497.1680	148.01
4	(DESTROYED)	U-4753-4	610096.7780	2318191.8310	128.66

BY4	POINT	DESC.	NORTH	EAST	ELEVATION
210		BY4-210	608477.2950	2315404.7950	123.88
205		BY4-205	608087.4960	2315933.8660	128.21
104		BL-104	607881.1700	2316316.2050	128.10
206		BY4-206	607578.2510	2316558.6980	125.01
211		BY4-211	607316.8590	2317015.0390	120.83

BY1	POINT	DESC.	NORTH	EAST	ELEVATION
207		BY1-207	606064.9030	2313867.8680	122.98
201		BY1-201	605886.8770	2314247.6670	127.12
2		U-4753-2	605472.0530	2314579.9970	127.42
208		BY1-208	605236.2000	2315028.4300	124.12
209		BY1-209	604792.0080	2315639.5570	122.92

BY3	POINT	DESC.	NORTH	EAST	ELEVATION
203		BY3-203	606914.1720	2314973.7350	128.06
102		BL-102	606531.4410	2315274.9220	130.11
204		BY3-204	606344.1440	2315688.9360	126.62

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BM1      ELEVATION = 128.03
N 605354      E 2314798
BL STATION 13+11.00 246 RIGHT
BENCHTIE NAIL SET IN 30" OAK
*****
BM2      ELEVATION = 126.79
N 607371      E 2315721
BL STATION 34+85.00 129 LEFT
BENCHTIE NAIL SET IN 26" PINE
*****
BM3      ELEVATION = 133.26
N 608349      E 2316877
BL STATION 49+77.00 135 RIGHT
BENCHTIE NAIL SET IN 18" PINE
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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

I4-OCT-2025 14:54
 P:\2023\NCDOT\Location and Surveys\U-4753 Supplemental\Billed under U-6205\80-Drawings\Control Sheets Update_251014\U4753.1s-rw02c3.dgn
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