

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW02C-4
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
<small>TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION</small>	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	604965.428	2314292.536	N 33°06'13.0" E	2397.47					
LINE									
PC	606973.747	2315601.923	N 36°45'15.3" E	326.42	07°18'04.6"(RT)	02°14'06.9"	326.64	163.54	2563.27
CURVE									
PT	607235.278	2315797.248	N 40°24'17.6" E	797.81					
LINE									
PC	607842.799	2316314.379	N 39°46'29.5" E	1724.31	01°15'36.3"(LT)	00°04'23.1"	1724.35	862.21	78406.09
CURVE									
PT	609168.044	2317417.546	N 39°08'41.3" E	393.31					
LINE									
POT	609473.077	2317665.836							

EY1-A POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	606081.362	2313875.270	S 61°31'15.6" E	177.00					
LINE									
PC	605996.963	2314030.851	S 60°51'32.6" E	57.77	01°19'26.2"(RT)	02°12'30.6"	57.77	28.89	2500.00
CURVE									
PT	605968.833	2314081.305	S 60°11'49.5" E	61.89					
LINE									
PC	605938.072	2314135.010	S 57°46'24.8" E	202.97	04°50'49.3"(RT)	02°23'14.4"	203.03	101.58	2400.00
CURVE									
PT	605829.835	2314306.712	S 55°21'05.3" E	3.32					
LINE									
PC	605827.949	2314309.441	S 53°33'33.9" E	132.33	03°34'52.2"(RT)	02°42'20.9"	132.35	66.20	2117.51
CURVE									
PT	605749.347	2314415.896	S 51°46'07.9" E	326.11					
LINE									
POT	605547.538	2314672.063							

EY1-B POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	605548.422	2314672.636	S 51°11'06.1" E	477.44					
LINE									
PC	605249.159	2315044.646	S 51°08'51.2" E	6.54	00°04'29.8"(RT)	01°08'45.3"	6.54	3.27	5000.00
CURVE									
PT	605245.056	2315049.739	S 51°06'36.3" E	768.86					
LINE									
POT	604762.347	2315648.183							

EY2 POINT	N	E	BEARING	DIST
POT	605939.095	2314927.349	S 56°54'08.4" E	482.23
LINE				
POT	605675.766	2315331.330		

EY3-A POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	606907.757	2315017.920	S 33°12'11.8" E	19.11					
LINE									
PC	606891.766	2315028.386	S 29°32'06.7" E	38.87	07°20'10.2"(RT)	16°51'32.5"	38.90	19.48	303.81
CURVE									
PT	606857.944	2315047.549	S 26°52'01.6" E	47.93					
LINE									
PC	606814.817	2315058.459	S 41°11'16.5" E	259.12	30°38'30.0"(LT)	11°41'04.9"	262.24	134.34	490.35
CURVE									
PT	606619.813	2315239.100	S 56°30'31.5" E	110.63					
LINE									
POT	606558.765	2315331.364							

EY3-B POINT	N	E	BEARING	DIST
POT	606558.020	2315330.875	S 57°29'15.3" E	477.50
LINE				
POT	606301.375	2315733.535		

EY4-A POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	608479.216	2315377.282	S 53°39'05.3" E	636.20					
LINE									
PC	608102.145	2315889.692	S 53°48'37.3" E	27.73	00°19'04.0"(LT)	01°08'45.3"	27.73	13.87	5000.00
CURVE									
PT	608085.772	2315912.072	S 53°58'09.3" E	465.20					
LINE									
POT	607812.134	2316288.277							

EY4-B POINT	N	E	BEARING	DIST
POT	607812.073	2316288.222	S 54°25'55.1" E	984.23
LINE				
POT	607239.577	2317088.820		

RPA POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	609530.446	2317139.791	S 87°40'43.8" E	25.94					
LINE									
PC	609529.395	2317165.705	S 77°30'03.3" E	272.85	20°21'20.9"(RT)	07°25'16.9"	274.29	138.60	772.04
CURVE									
PT	609470.345	2317432.085	S 67°19'22.8" E	187.24					
LINE									
POT	609398.156	2317604.853							

RPB POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	609392.451	2317600.209	S 42°41'58.6" E	92.16					
LINE									
PC	609324.719	2317662.710	S 47°46'47.9" E	353.09	10°09'37.6"(LT)	02°52'25.8"	353.55	177.24	1993.71
CURVE									
PT	609287.451	2317924.196	S 52°51'38.7" E	30.83					
LINE									
POT	609068.836	2317948.775							

RPC POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	608772.078	2317093.082	S 65°20'41.9" E	168.26					
LINE									
PC	608705.225	2317238.731	S 76°30'41.9" E	321.91	22°20'00.4"(LT)	06°53'38.6"	323.95	164.06	831.09
CURVE									
PT	608630.141	2317551.758	S 87°40'42.6" E	4.54					
LINE									
POT	608629.957	2317556.294							

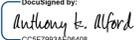
RPD POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	609084.686	2316725.085	S 50°46'02.6" E	100.12					
LINE									
PC	609021.363	2316802.636	S 50°09'19.8" E	319.28	01°13'25.5"(RT)	00°22'59.8"	319.28	159.65	14948.74
CURVE									
PT	608816.800	2317047.773	S 49°32'37.0" E	63.42					
LINE									
POT	608775.648	2317096.030							

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

REVISIONS

14-OCT-2025 14:56 P:\2023\NCC001\Location and Surveys\U-4753 Supplemental\Billed under U-6205\80-Drawings\Contr-ol Sheets Update_251014\4753-1s-rw02c4.dgn
 ANMORE AT WEI-BNZ\DX3

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.