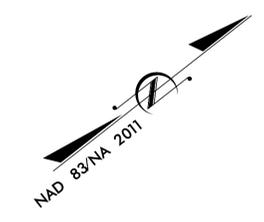


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-4753	RW01	

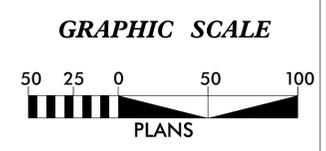
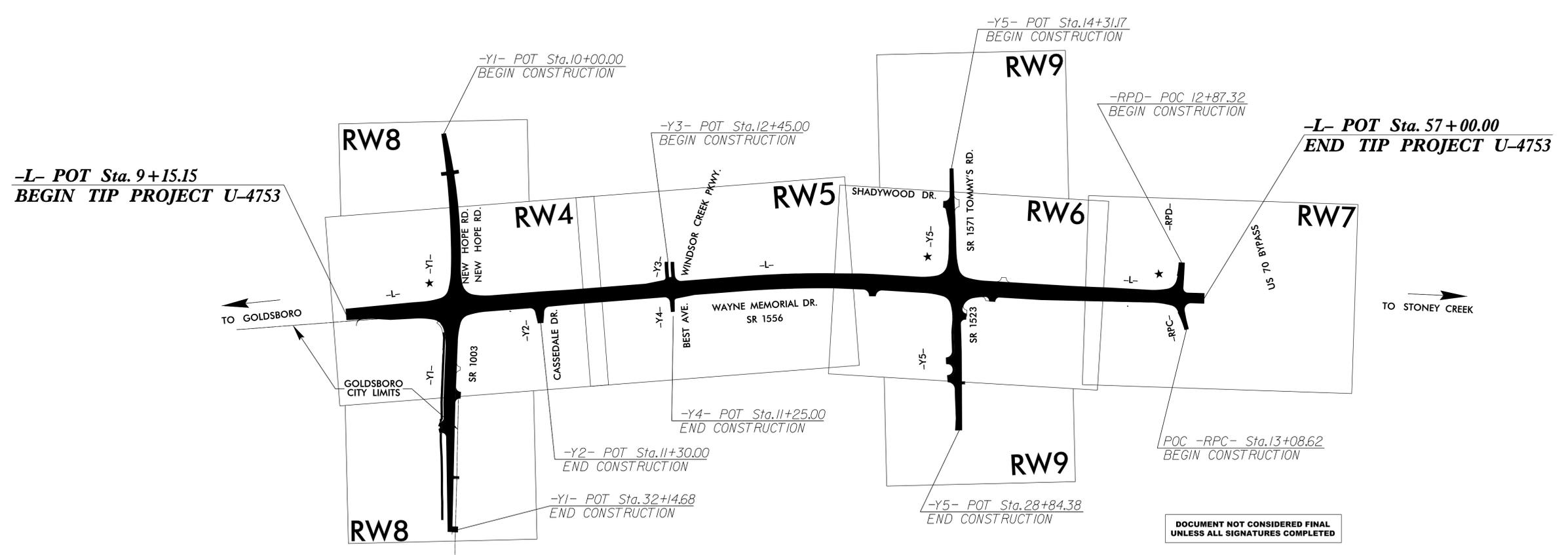
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

SURVEY CONTROL, EXISTING CENTERLINES,
RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

WAYNE COUNTY



TIP PROJECT: U-4753



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "U-4753-3" (DESTROYED) WITH NAD 83/NA2011 STATE PLANE GRID COORDINATES OF NORTHING: 609153.117(ft) EASTING: 2317449.758(ft) ELEVATION: 150.644(ft)
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998757874
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U-4753-3" TO -L- STATION 9+15.15 IS S 37-04'50.43" X 5,156.35(ft)
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88. ELEVATIONS ARE BASED ON NCDOT GPS MONUMENT "U-4753-2" (ELEV. 127.423')

Prepared in the Office of:



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

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MAY 21 2019

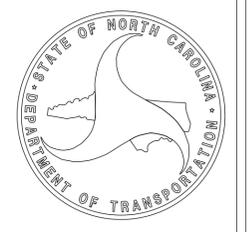
LETTING DATE:
JANUARY 21 2026

PROFESSIONAL LAND SURVEYOR



DocuSigned by:
Anthony K. Alford
CCSFT993AE06408

10/15/2025
Date:



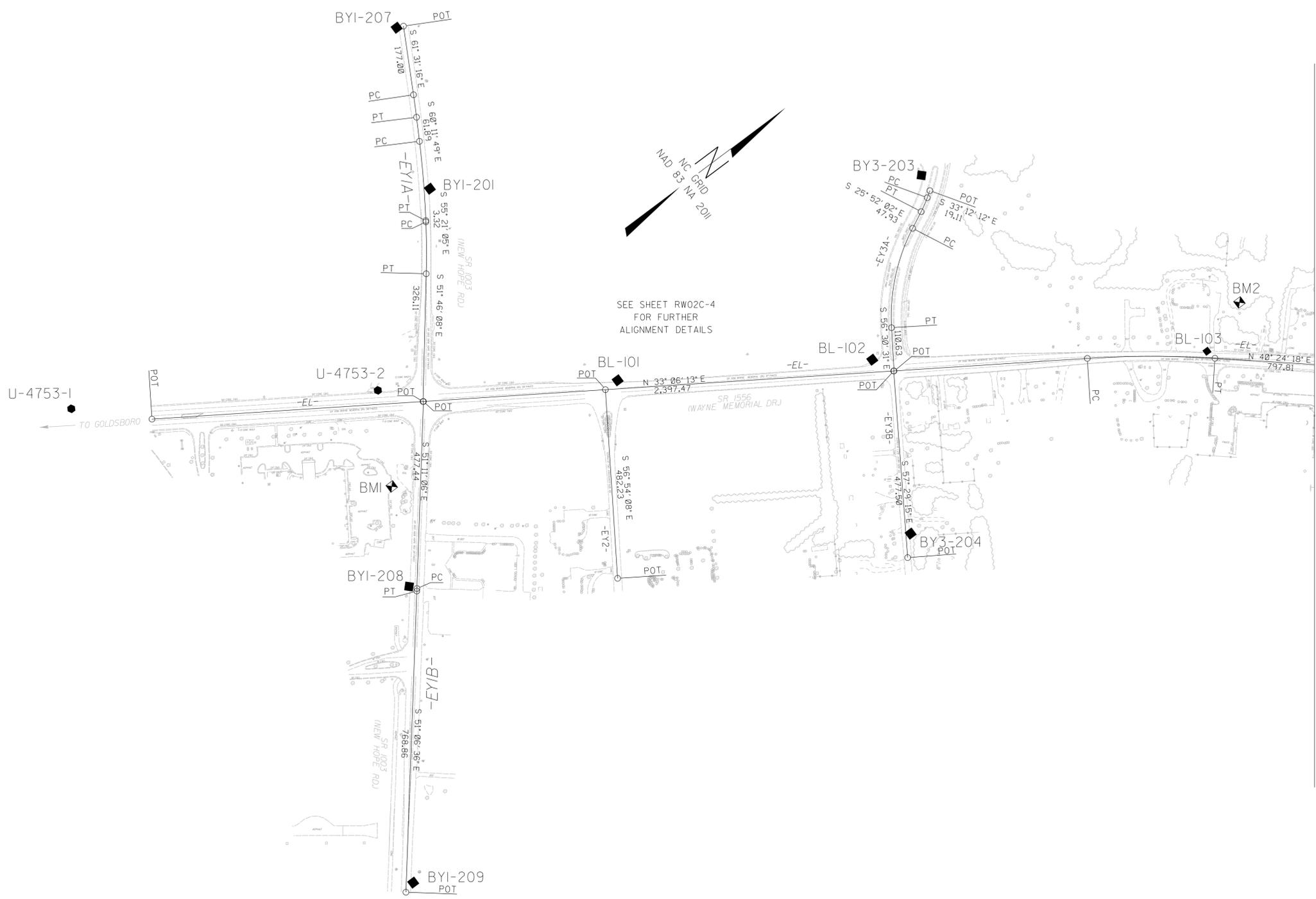
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09/08/19

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW02C-1
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	



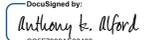
REVISIONS

14-OCT-2025 15:07 P:\2023\NC0001\Location and Surveys\U-4753 Supplemental\Billed under U-6205\80-Drawings\Control Sheets Update_251014\U4753.1s_rw02c1.dgn
more AT WEI-BNZ\DX3

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.
 Designed by:

 Anthony K. Alford
 Professional Land Surveyor L-4372

NOTES:

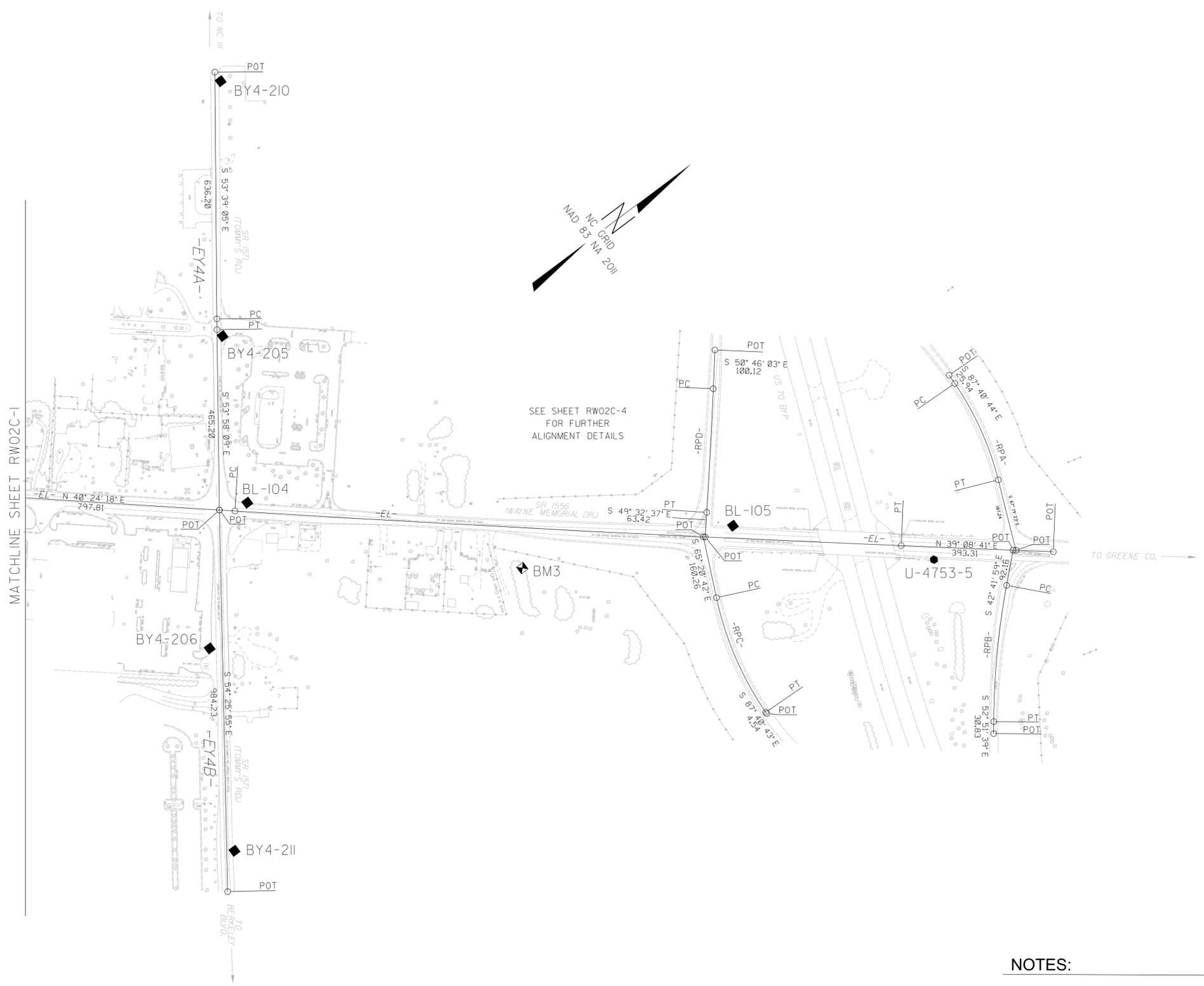
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

MATCHLINE SHEET RW02C-2

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

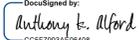
PROJECT REFERENCE NO. U-4753	SHEET NO. RW02C-2
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 BUS: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR 	
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.
 Signed by:

 Anthony K. Alford
 Professional Land Surveyor L-4372

U-4753-4
(DESTROYED)

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

14-OCT-2025 15:23
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 AT WEI-BNZ\DX3

MATCHLINE SHEET RW02C-1

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

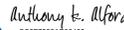
PROJECT REFERENCE NO. U-4753	SHEET NO. RW02C-3
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR 	
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
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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

```

*****
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
*****
    
```

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
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 AT WEI-BNZ\DX3

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							

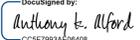
RPD POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	609084.686	2316725.085	S 50°46'02.6" E	100.12					
LINE									
PC	609021.363	2316802.636	S 50°09'19.8" E	319.28	01°13'25.5"(RT)	00°22'59.8"	319.28	159.65	14948.74
CURVE									
PT	608816.800	2317047.773	S 49°32'37.0" E	63.42					
LINE									
POT	608775.648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

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.

REVISIONS

14-OCT-2025 14:56 P:\2023\NCC001\Location and Surveys\U-4753 Supplemental\Billed under U-6205\80-Drawings\Control Sheets Update_251014\4753_1s_r_w02c4.dgn
 ANMORE AT WEI-BNZ\DX3

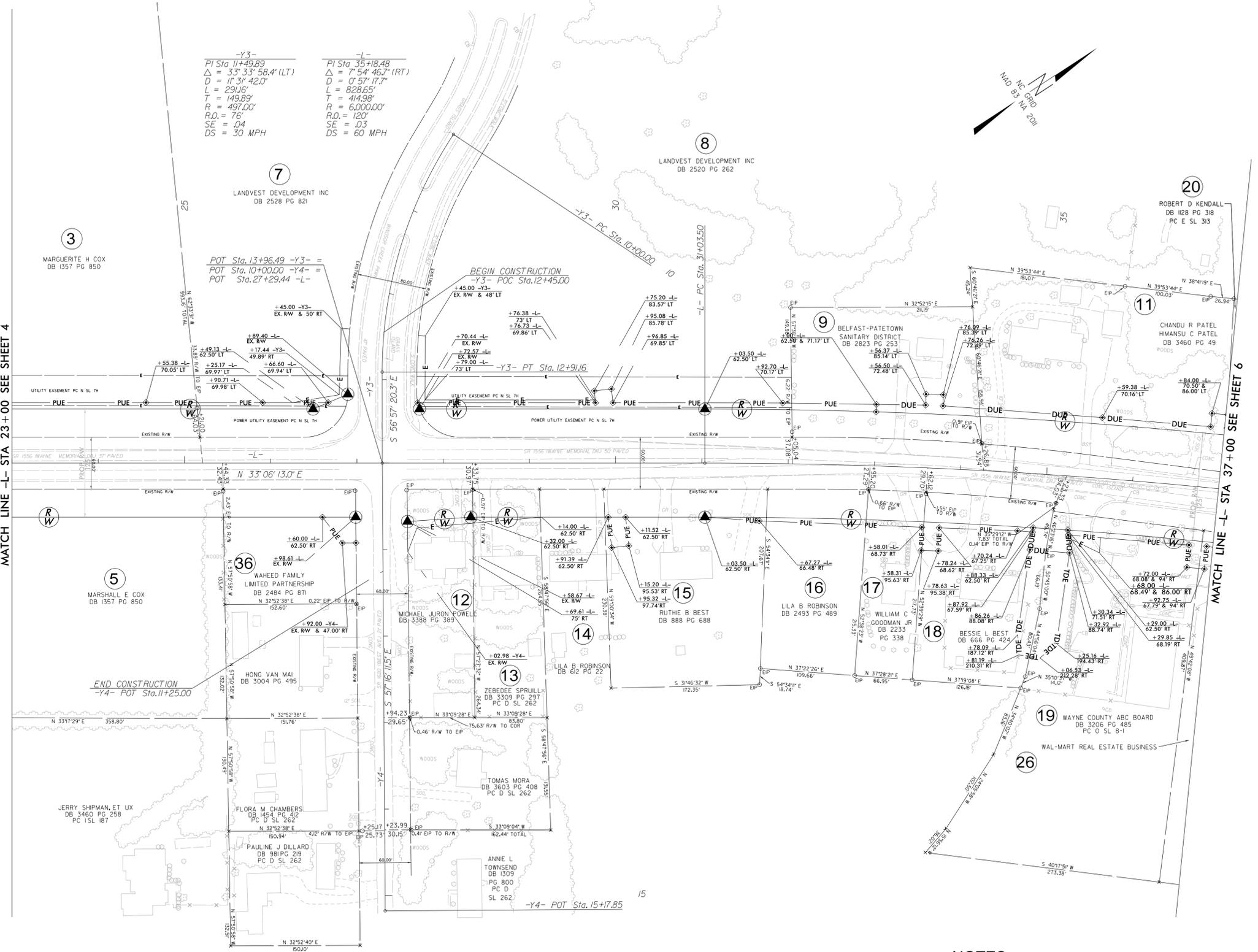
PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW05
Location and Surveys	
	
1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Anthony K. Alford, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 7/8/2019 to 6/7/2023, and all coordinates are based on NAD83/2011; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 26th day of June, 2023.

DocuSigned by:

 228A298705A44E
 Professional Land Surveyor L-4372



MATCH LINE -L- STA 23 + 00 SEE SHEET 4

MATCH LINE -L- STA 37 + 00 SEE SHEET 6

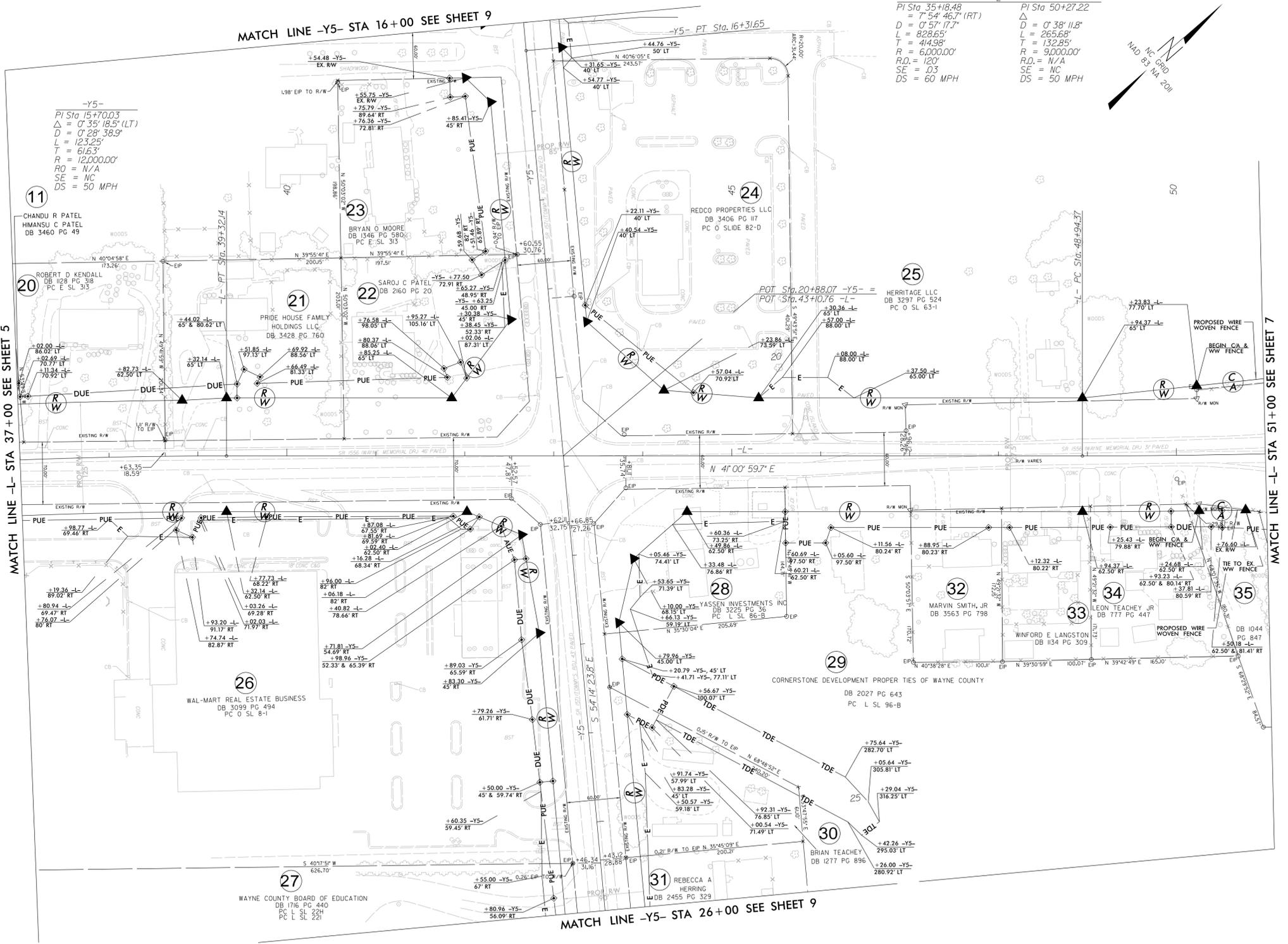
REVISIONS

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 AT RAL-WS914

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/8/2019 TO 6/7/2023.
4. ALL RIGHT OF WAY MONUMENTATION SET WERE REBAR AND CAP.

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW06
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, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 7/8/2019 to 9/14/2023, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 14th day of September, 2023.

DocuSigned by:
 Anthony K. Alford
 228A2982F6BA44E
 Professional Land Surveyor L-4372

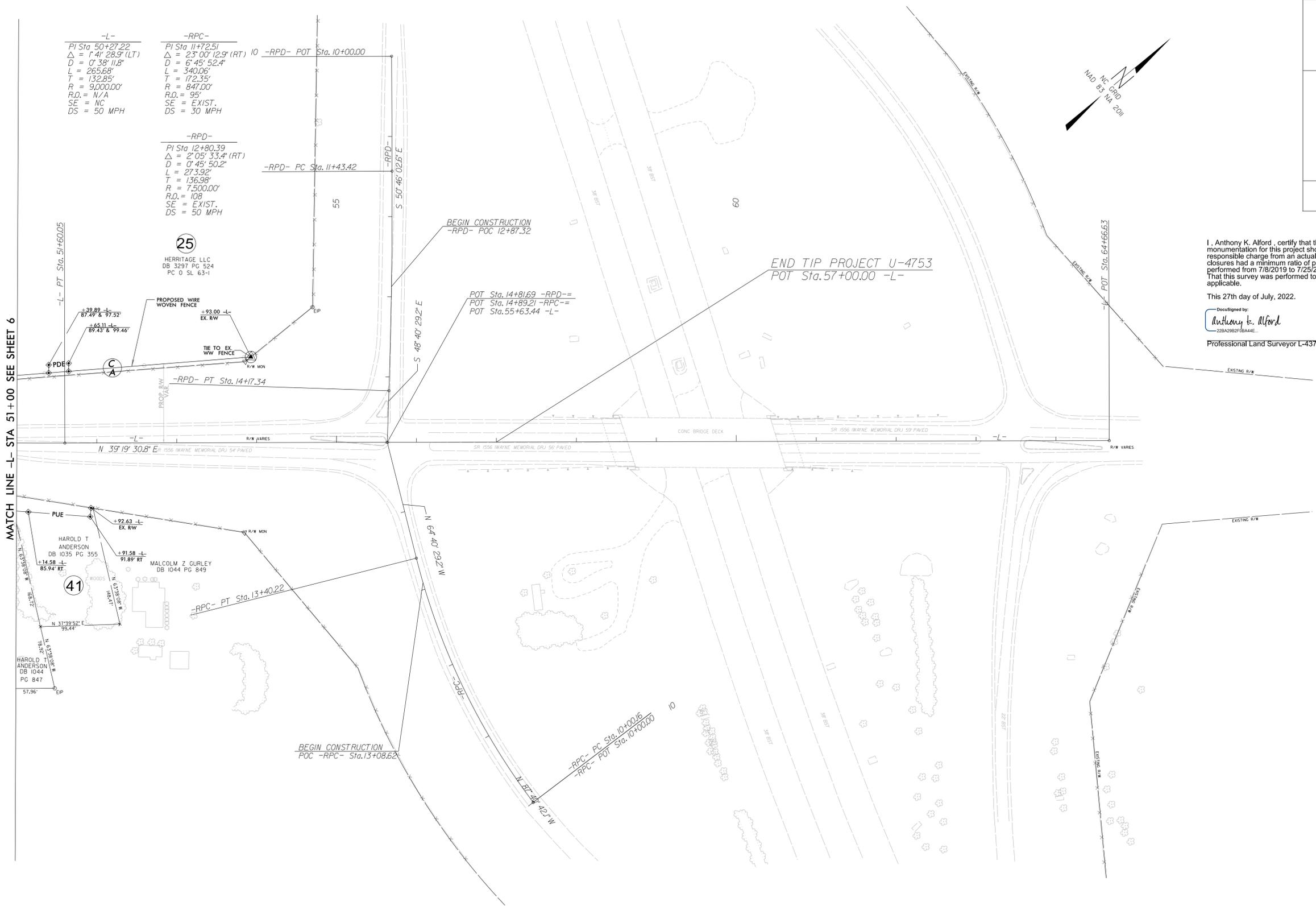
NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/8/2019 TO 9/14/2023.
4. ALL RIGHT OF WAY MONUMENTATION SET WERE REBAR AND CAP.

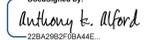
REVISIONS

P:\502\2023\1305_Location and Surveys\4753.con\et6_23154.30\80-Drawings\RW_Control_Sheets\Revision_230914\4753.1.s_rw06_230626.dgn
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 6/2/2019

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW07
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, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 7/8/2019 to 7/25/2022, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 27th day of July, 2022.
 DocuSigned by:

 22BA29B2F8A44E
 Professional Land Surveyor L-4372

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/8/2019 TO 7/25/2022.
4. ALL RIGHT OF WAY MONUMENTATION SET WERE REBAR AND CAP.

REVISIONS

P7_2022_05_29 Location and Surveys\U-4753 Additional June22 22145.30\80-Drawings\FOR REVIEW\U-4753_1.s_rw07_220727.dgn
 21 JUN 2022 15:29
 AT RAL-WS914
 amore

MATCH LINE -L- STA 51 + 00 SEE SHEET 6

PROJECT REFERENCE NO. U-4753	SHEET NO. RW09
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	



-Y5-

PI Sta 15+70.03
 $\Delta = 0' 35'' 18.5''$ (LT)
 $D = 0' 28'' 38.9''$
 $L = 123.25'$
 $T = 61.63'$
 $R = 12,000.00'$
 SE = NC
 DS = 50 MPH

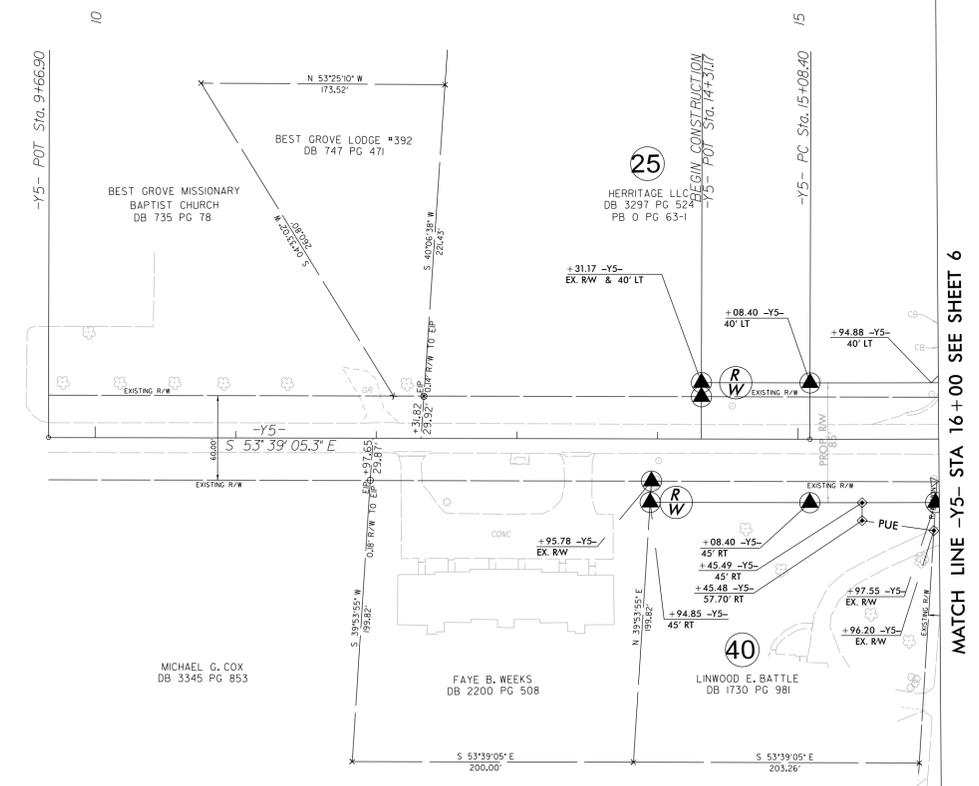


-Y5-

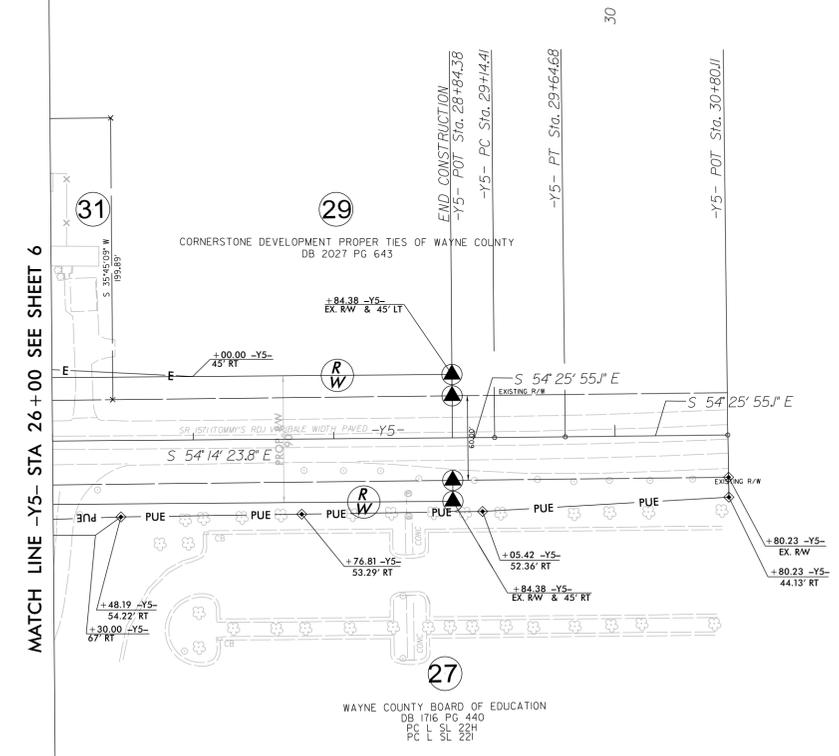
PI Sta 29+39.55
 $\Delta = 0' 11'' 31.3''$ (LT)
 $D = 0' 22'' 55.1''$
 $L = 50.27'$
 $T = 25.14'$
 $R = 15,000.00'$
 SE = NC
 DS = 40 MPH

REVISIONS

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 AT RAL-WS0914



MATCH LINE -Y5- STA 16 + 00 SEE SHEET 6

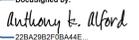


MATCH LINE -Y5- STA 26 + 00 SEE SHEET 6

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/8/2019 TO 7/25/2022.
4. ALL RIGHT OF WAY MONUMENTATION SET WERE REBAR AND CAP.

I, Anthony K. Alford, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 7/8/2019 to 7/25/2022, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 27th day of July, 2022.
 DocuSigned by:

 228A282F68A4E
 Professional Land Surveyor L-4372

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW02D-1
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	

6/2/09
 I:\SEP-2008\12473_Location and Surveys\U-4753 RW Staking 19169.30\80-Drawings\RW Calc\RW Control Sheets\U4753_Ls_rw02d1.dgn
 P:\2019\N\101111\101111.dwg
 AT RA-155083

REVISIONS

L

TYPE	STATION	NORTH	EAST
POT	8+26.78	604965.4279	2314292.5357
PC	31+03.50	606872.5927	2315535.9723
PT	39+32.14	607533.3293	2316034.9606
PC	48+94.37	608259.3537	2316666.4533
PT	51+60.05	608462.3578	2316837.8284
POT	64+66.63	609473.0770	2317665.8360

Y3

TYPE	STATION	NORTH	EAST
PC	10+00.00	606835.9949	2315058.2317
PT	12+91.16	606616.6836	2315243.3840
POT	13+96.49	606559.2480	2315331.6773

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	606081.3620	2313875.2700
PC	11+97.35	605987.2582	2314048.7393
PT	17+93.17	605653.1761	2314540.9050
PC	25+41.44	605173.6159	2315115.3007
PT	27+60.57	605038.0790	2315287.4447
PC	29+76.57	604909.3802	2315460.9169
PT	31+31.13	604814.8024	2315583.1504
POT	32+64.68	604730.9557	2315687.1002

Y4

TYPE	STATION	NORTH	EAST
POT	10+00.00	606559.2480	2315331.6773
POT	15+17.85	606279.2565	2315767.3047

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	605941.0198	2314928.6038
POT	15+33.68	605647.3726	2315374.2365

Y5

TYPE	STATION	NORTH	EAST
POT	9+66.90	608479.2165	2315377.2815
PC	15+08.40	608158.2702	2315813.4223
PT	16+31.65	608085.7314	2315913.0648
PC	29+14.41	607336.0965	2316953.9884
PT	29+64.68	607306.7862	2316994.8321
POT	30+80.23	607239.5769	2317088.8198

NOTES:

1. 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

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW03E-1
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	

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	9+15.15	-41.59	605062.1650	2314305.9547
L	9+15.15	-55.00	605069.4875	2314294.7235
L	9+15.15	38.41	605018.4721	2314372.9702
L	9+15.15	62.50	605005.3143	2314393.1514
L	13+12.46	62.50	605338.1362	2314610.1451
L	13+93.14	77.39	605397.5915	2314666.6820
L	13+94.82	-55.00	605471.3047	2314556.7009
L	16+30.62	62.50	605604.6497	2314783.9071
L	16+33.55	-80.77	605685.3528	2314665.4953
L	17+31.27	-68.98	605760.7772	2314728.7387
L	18+64.57	-62.50	605868.8963	2314806.9701
L	19+36.61	62.50	605860.9805	2314951.0301
L	20+40.27	62.50	605947.8117	2315007.6424
L	26+49.13	-62.50	606526.1122	2315235.4629
L	26+89.40	-79.66	606569.2168	2315243.0792
L	26+98.61	62.50	606499.2932	2315367.1983
L	27+58.67	67.55	606546.8432	2315404.2271
L	27+72.57	-62.50	606629.5122	2315302.8778
L	28+32.00	62.50	606611.0304	2315440.0489
L	31+03.50	-62.50	606906.7274	2315483.6170
L	31+03.50	62.50	606838.4500	2315588.3276
L	38+82.73	-62.50	607536.5410	2315955.1924
L	39+32.14	-65.00	607575.9873	2315985.9168
L	39+32.14	62.50	607492.3119	2316082.1180
L	41+85.25	-65.00	607766.9626	2316152.0262
L	42+02.40	62.50	607696.2250	2316259.4807
L	44+23.86	-73.59	607952.6357	2316302.1345
L	44+49.86	62.50	607882.9431	2316421.8872
L	45+30.36	-65.00	608027.3547	2316378.5141
L	48+94.37	-65.00	608302.0118	2316617.4095
L	48+94.37	62.50	608218.3364	2316713.6107
L	50+23.83	-77.70	608407.7842	2316691.3529
L	50+24.68	62.50	608317.9542	2316798.9990
L	50+76.60	62.50	608357.9954	2316832.6236
L	53+93.00	-106.84	608710.2621	2316902.8093

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y5	13+94.85	45.00	608189.3244	2315695.2978
Y5	13+95.78	30.00	608200.8543	2315704.9377
Y5	14+31.17	-40.00	608236.2609	2315774.9273
Y5	14+31.17	-30.00	608228.2067	2315769.0004
Y5	15+08.40	45.00	608122.0260	2315786.7510
Y5	15+08.40	-40.00	608190.4873	2315837.1301
Y5	15+97.55	45.00	608069.2550	2315859.0235
Y5	16+31.65	-40.00	608118.1902	2315936.4405
Y5	16+55.75	70.73	608014.2527	2315891.2822
Y5	16+85.41	45.00	608017.7964	2315930.3945
Y5	19+30.38	45.00	607874.6409	2316129.1765
Y5	19+40.54	-40.00	607937.6787	2316187.0941
Y5	21+71.81	54.69	607725.6882	2316319.4295
Y5	22+10.00	-68.15	607803.0524	2316422.2074
Y5	22+75.00	-46.64	607747.6117	2316462.3824
Y5	22+83.30	45.00	607668.3957	2316415.5632
Y5	28+84.38	-29.82	607377.8403	2316947.0434
Y5	28+84.38	45.00	607317.1298	2316903.3219
Y5	28+84.38	30.19	607329.1517	2316911.9797
Y5	28+84.38	-45.00	607390.1622	2316955.9172

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+00.00	55.00	606033.0174	2313849.0440
Y1	10+00.00	30.00	606054.9922	2313860.9649
Y1	10+04.45	-30.00	606105.6107	2313893.4850
Y1	10+04.44	-40.00	606114.4044	2313898.2464
Y1	11+97.35	55.00	605938.9136	2314022.5133
Y1	11+97.35	-40.00	606022.4179	2314067.8128
Y1	17+27.63	-40.00	605725.8847	2314515.0991
Y1	17+93.17	55.00	605610.9563	2314505.6560
Y1	18+23.53	-53.16	605674.5313	2314598.2769
Y1	18+44.10	55.00	605578.3165	2314544.7505
Y1	21+17.75	-40.00	605475.8645	2314815.6940
Y1	21+39.62	55.00	605388.9207	2314771.6004
Y1	22+62.82	-39.51	605382.5121	2314926.7379
Y1	24+80.00	-55.00	605255.2133	2315103.3849
Y1	24+80.00	-43.41	605246.3182	2315095.9584
Y1	25+41.44	-55.00	605215.8357	2315150.5497
Y1	25+41.44	55.00	605131.3962	2315080.0516
Y1	27+60.57	55.00	604993.9078	2315254.6741
Y1	27+60.57	-55.00	605082.2501	2315320.2152
Y1	29+76.57	55.00	604865.2090	2315428.1464
Y1	29+76.57	-55.00	604953.5513	2315493.6874
Y1	31+31.13	55.00	604771.9929	2315548.6200
Y1	31+31.13	-50.00	604853.7201	2315614.5417
Y1	31+50.00	30.00	604779.6055	2315579.0022
Y1	31+50.00	55.00	604760.1467	2315563.3065
Y1	32+14.68	-50.00	604801.2660	2315679.5722
Y1	32+14.68	-30.00	604785.6976	2315667.0173

I, Anthony K. Alford, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 7/8/2019 to 5/20/2024, and all coordinates are based on NAD83/2011. That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 3rd day of June, 2024.

DocuSigned by:

 Professional Land Surveyor L-4372

NOTES:

1. 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.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 7/8/2019 TO 5/20/2024.

REVISIONS

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PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
U-4753	RW03E-2
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	

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	9+83.18	-55.00	605126.4734	2314331.8773
L	9+84.11	-68.04	605134.3760	2314321.4571
L	9+90.00	62.50	605068.0160	2314434.0317
L	10+00.00	72.50	605070.9313	2314447.8701
L	12+51.58	-70.60	605331.9082	2314618.0223
L	13+11.55	72.50	605359.8282	2314465.3994
L	13+59.06	123.45	605343.8808	2314686.6496
L	13+60.65	81.56	605368.0910	2314652.4290
L	14+17.11	-73.36	605500.0018	2314553.4962
L	16+02.61	-114.83	605678.0397	2314620.0693
L	16+15.63	-126.65	605695.4001	2314617.2744
L	16+31.94	-108.69	605699.2557	2314641.2234
L	16+57.98	62.50	605627.5693	2314798.8502
L	17+08.22	-74.49	605744.4778	2314711.5372
L	17+17.60	-88.16	605759.7991	2314705.2145
L	17+31.30	-72.76	605762.8645	2314725.5856
L	17+34.09	-76.84	605767.4284	2314723.7022
L	17+60.00	62.50	605713.0329	2314854.5709
L	17+60.00	72.04	605707.8232	2314862.5614
L	17+80.00	62.50	605729.7866	2314865.4940
L	17+80.00	72.01	605724.5943	2314873.4578
L	19+88.91	-72.79	605978.6753	2314866.2656
L	19+89.59	-85.77	605986.3324	2314855.7587
L	20+08.93	-72.65	605995.3718	2314877.3131
L	20+09.56	-84.73	606002.4956	2314867.5380
L	22+23.65	-69.92	606173.7498	2314996.8692
L	24+55.38	-70.05	606367.9324	2315123.3169
L	25+90.71	-69.98	606481.2636	2315197.2897
L	26+60.00	62.50	606466.9487	2315346.1103
L	26+66.60	-69.94	606544.8087	2315238.7665
L	27+70.44	-69.88	606631.7615	2315295.5310
L	29+75.20	-83.57	606810.7632	2315395.9000
L	29+76.73	-69.86	606804.5577	2315408.2159
L	29+91.39	62.50	606744.5508	2315527.1018
L	29+95.08	-85.78	606828.6240	2315404.8994
L	29+95.32	97.74	606728.5943	2315558.7702
L	29+96.85	-69.85	606821.4081	2315419.2207
L	30+11.52	62.50	606761.4083	2315538.9025
L	30+15.20	95.53	606746.4551	2315567.7696
L	31+67.27	66.48	606888.9262	2315626.3881
L	31+92.70	-70.17	606986.1444	2315527.0424
L	33+00.00	-71.17	607076.2153	2315587.6576
L	33+00.00	-62.50	607071.2453	2315594.7607
L	33+56.37	-85.14	607130.9142	2315609.2010
L	33+56.50	-72.48	607123.6633	2315619.5889
L	33+58.01	68.73	607042.8381	2315735.3920
L	33+58.31	95.63	607027.4451	2315757.4448
L	33+76.09	-85.39	607147.3141	2315620.6483
L	33+76.26	-72.49	607139.9288	2315631.2289
L	33+78.24	68.62	607059.1598	2315746.9514
L	33+78.63	95.38	607043.8450	2315768.8921
L	34+70.24	67.25	607133.3956	2315799.5151
L	34+86.26	88.08	607133.6398	2315825.6695
L	34+87.92	67.59	607147.2120	2315810.2358
L	34+88.33	62.50	607150.5834	2315806.4020
L	35+29.00	62.50	607182.7368	2315830.6073
L	35+29.85	68.19	607179.9657	2315835.6508
L	35+32.92	88.74	607169.9637	2315853.8548
L	35+59.38	-70.16	607287.3331	2315743.5230
L	36+72.00	68.08	607290.9952	2315921.8034
L	36+72.00	94.00	607274.8509	2315942.0759
L	36+84.00	-86.00	607396.4973	2315808.8620
L	36+84.00	-70.50	607386.8152	2315820.9702
L	36+92.75	94.00	607290.8090	2315954.8295
L	36+92.75	67.79	607307.2075	2315934.3832
L	37+02.00	-86.02	607410.7486	2315820.2695
L	37+02.69	-70.77	607401.7414	2315832.5903
L	37+11.34	-70.92	607408.6435	2315837.9636
L	38+74.74	82.87	607436.0541	2316060.5393
L	38+80.94	69.47	607449.4132	2316054.3305
L	38+93.20	91.17	607444.4834	2316078.6762
L	39+03.26	69.28	607466.2723	2316068.5495
L	39+44.02	-80.62	607595.2003	2315981.9253
L	39+44.02	-65.00	607584.9488	2315993.7115
L	39+51.85	-97.13	607611.9461	2315974.6104
L	39+66.49	-81.33	607612.6214	2315996.1403
L	39+69.92	-88.56	607619.9520	2315992.9381
L	39+77.73	68.22	607522.9562	2316116.3568
L	41+76.58	-98.05	607782.1094	2316121.3963

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	41+80.37	-88.06	607778.4198	2316131.4266
L	41+87.08	67.55	607681.3517	2316253.2362
L	41+95.27	-105.16	607800.8797	2316128.3010
L	42+02.06	-87.31	607794.2852	2316146.2283
L	42+06.18	82.00	607686.2852	2316276.6787
L	42+16.28	68.34	607702.8698	2316273.0010
L	42+40.82	78.66	607714.6109	2316296.8903
L	44+57.04	-70.92	607975.9181	2316325.9343
L	45+00.21	62.50	607966.2035	2316494.3067
L	45+60.69	97.50	607943.5923	2316521.0268
L	46+05.60	97.50	607977.4811	2316550.4988
L	46+11.56	80.24	607993.3085	2316541.3915
L	47+88.95	80.23	608127.1541	2316657.7944
L	48+12.32	80.22	608144.7995	2316673.1287
L	49+25.43	79.88	608230.6036	2316747.2453
L	49+93.23	80.14	608282.3715	2316791.9618
L	49+93.23	62.50	608293.7997	2316778.5238
L	50+37.81	80.59	608316.4077	2316821.3620
L	50+50.18	62.50	608337.5932	2316815.5401
L	50+50.18	81.41	608325.4334	2316830.0189
L	51+14.58	85.94	608372.4595	2316875.1237
L	51+39.89	-97.52	608508.7457	2316749.7319
L	51+39.89	-87.49	608502.3715	2316757.4771
L	51+65.11	-89.43	608522.9411	2316771.8569
L	51+65.11	-99.46	608529.2968	2316764.0987
L	51+91.58	91.89	608428.5113	2316928.8855
L	51+92.63	81.02	608436.2092	2316921.1465

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	10+00.00	86.00	606005.7687	2313834.2621
Y1	10+04.43	-52.44	606125.3436	2313904.1696
Y1	10+22.00	55.00	606022.5270	2313868.3818
Y1	10+22.00	86.00	605995.2783	2313853.5999
Y1	11+37.33	-82.88	606088.7317	2314035.5025
Y1	11+37.81	-67.14	606074.6677	2314028.4220
Y1	11+57.32	-83.50	606079.7382	2314053.3663
Y1	11+57.80	-67.93	606065.8260	2314046.3623
Y1	14+06.83	55.00	605834.6291	2314199.6992
Y1	15+10.42	-89.11	605897.3735	2314366.0653
Y1	15+11.43	-74.00	605884.3995	2314358.4081
Y1	15+29.79	-90.54	605887.2080	2314383.2892
Y1	15+30.98	-74.28	605873.1695	2314375.0037
Y1	15+33.52	-40.00	605843.5609	2314357.5289
Y1	15+48.38	80.00	605736.8397	2314300.7111
Y1	16+22.23	-69.16	605814.4679	2314447.8636
Y1	16+50.00	72.00	605684.8690	2314385.3995
Y1	17+05.00	55.00	605665.4446	2314438.4078
Y1	17+12.11	65.00	605653.2801	2314437.6874
Y1	18+55.22	65.66	605563.0075	2314546.4601
Y1	21+04.00	-74.90	605511.4627	2314827.5078
Y1	21+44.35	76.04	605369.7400	2314761.7457
Y1	22+38.35	89.09	605299.4773	2314825.5456
Y1	22+39.76	76.48	605308.2567	2314834.7045
Y1	22+58.23	91.30	605285.0392	2314839.3855
Y1	22+59.87	76.57	605295.2955	2314850.0850
Y1	22+62.39	-64.55	605402.0057	2314942.4596
Y1	22+62.54	-56.00	605395.3520	2314937.0934
Y1	22+79.06	-39.80	605372.3282	2314939.3973
Y1	22+79.06	-64.94	605391.6242	2314955.5075
Y1	22+99.06	-40.17	605359.7900	2314954.9834
Y1	22+99.06	-65.41	605379.1685	2314971.1624
Y1	23+94.71	-67.67	605319.6000	2315046.0305
Y1	23+94.71	-41.91	605299.8271	2315029.5222
Y1	24+21.89	55.00	605208.0161	2314988.2797
Y1	24+21.89	77.31	605190.8880	2314973.9796
Y1	24+41.89	55.00	605195.2015	2315003.6285
Y1	24+41.89	77.40	605178.0030	2314989.2696
Y1	24+80.00	-69.68	605266.4812	2315112.7924
Y1	25+38.76	77.85	605115.5771	2315063.3470
Y1	25+85.21	55.00	605103.1362	2315114.2972
Y1	26+03.05	77.40	605074.3121	2315114.2698
Y1	26+03.14	77.40	605074.2503	2315114.3432
Y1	26+06.00	81.00	605069.6155	2315114.3506
Y1	26+25.59	77.50	605059.8292	2315132.1384
Y1	26+47.00	200.00	604950.0836	2315073.3671
Y1	26+65.00	194.00	604943.1128	2315091.9597
Y1	28+83.68	-65.52	605017.3420	2315425.3527
Y1	29+34.66	88.40	604863.3555	2315374.5816
Y1	31+14.00	-60.08	604872.4624	2315607.3037
Y1	31+14.00	-50.24	604864.7746	2315601.1593
Y1	31+29.85	74.13	604757.8936	2315535.6351
Y1	31+31.13	-60.15	604861.6232	2315620.9164
Y1	31+58.00	-60.32	604844.8839	2315641.9390
Y1	31+58.00	-50.00	604836.8512	2315635.4551
Y1	32+11.70	30.00	604740.8671	2315627.0284
Y1	32+14.68	-60.68	604809.5777	2315686.2792

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y4	10+92.00	31.12	606483.3287	2315392.2456
Y4	10+92.00	47.00	606469.9676	2315383.6580

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y5	15+45.49	57.70	608089.7544	2315809.2670
Y5	15+45.50	45.00	608100.0043	2315816.7739