

09/06/19

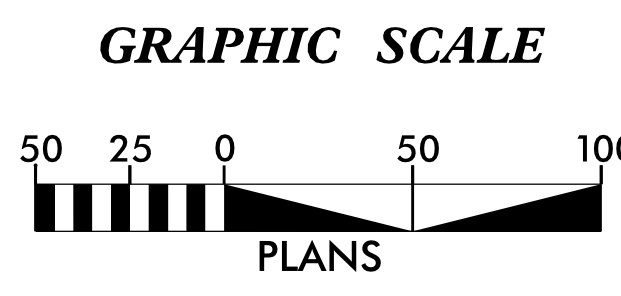
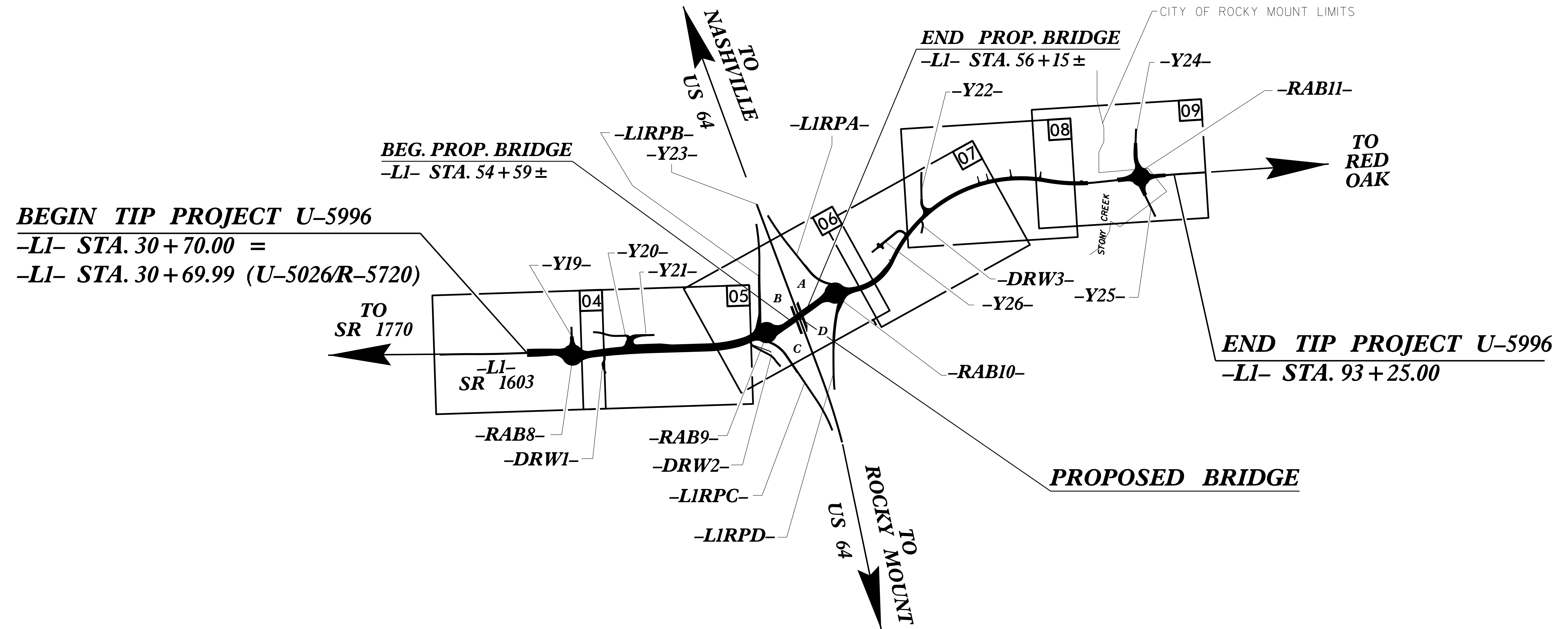
TIP PROJECT: U-5996

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-5996	RW01	XX

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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

NASH COUNTY



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "U-5026-3" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 812,396.217(ft) EASTING: 2,331,706.395(ft) ELEVATION: 180.213(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999949277

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "U-5026-3" TO -LI- STATION 30+00 IS S 78-52°11.60" W 5,250.97(ft)

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

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

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 12/13/2019

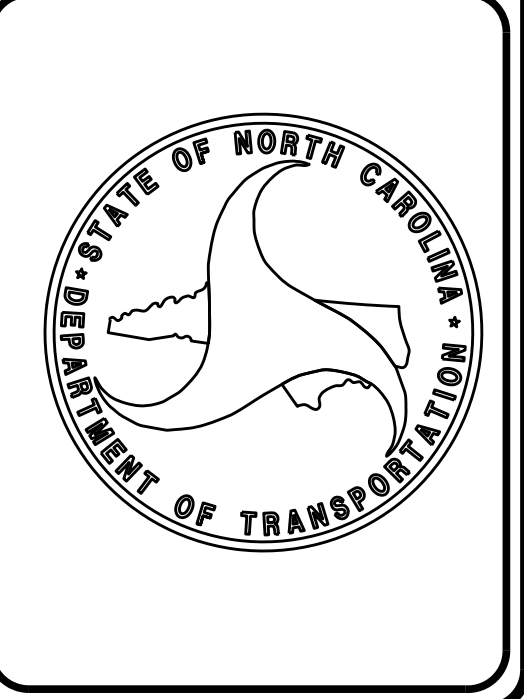
LETTING DATE: 07/21/2020

PROFESSIONAL LAND SURVEYOR

DocuSigned by:
Anthony K. Alford
202008270844E

4/20/2020

Signature: _____ Date: _____



\$\$\$\$\$ SYSTEM \$\$\$\$\$\$
\$\$\$\$\$ DDN \$\$\$\$\$\$
\$\$\$\$\$ USERNAME \$\$\$\$\$\$

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. U-5996	SHEET NO. RW02D-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	

6/2/09

REVISIONS

Y22

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	814939.659	2324953.841							
CURVE			S 88°57'26.9" E	114.97	04°17'10.1"(L.T)	03°43'37.5"	115.00	57.53	1537.28
PT	814937.567	2325068.795							
LINE			N 88°53'58.0" E	154.66					
PC	814940.537	2325223.422							
CURVE			N 68°49'46.7" E	68.63	40°08'22.6"(L.T)	57°17'44.8"	70.06	36.54	100.00
PT	814965.324	2325287.423							
LINE			N 48°45'35.5" E	41.93					
POT	814992.967	2325318.955							

Y23

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	813482.806	2325238.595							
LINE			N 69°25'12.5" E	1617.18					
PC	814051.264	2326752.569							
CURVE			N 72°26'35.8" E	618.33	06°02'46.5"(RT)	00°58'38.6"	618.61	309.59	5862.13
PT	814237.782	2327342.092							

Y24

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	816836.095	2324571.742							
LINE			S 87°53'49.1" E	100.00					
PC	816832.426	2324671.675							
CURVE			S 89°54'51.1" E	149.72	04°02'03.8"(L.T)	02°41'38.5"	149.75	74.91	2126.78
PCC	816832.201	2324821.398							
CURVE			N 79°16'41.6" E	62.05	17°34'50.9"(L.T)	28°13'28.3"	62.29	31.39	203.00
PT	816843.744	2324882.360							
LINE			N 70°29'16.1" E	44.13					
POT	816858.483	2324923.951							

Y25

POINT	N	E	BEARING	DIST
POT	816871.405	2325071.480		
LINE			N 63°49'41.7" E	307.99
POT	817007.250	2325347.898		

Y26

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	814814.416	2325512.338							
LINE			S 36°40'22.7" W	44.57					
PC	814778.665	2325485.717							
CURVE			S 01°15'06.6" E	61.46	75°50'58.6"(L.T)	114°35'29.6"	66.19	38.96	50.00
PT	814717.217	2325487.059							
LINE			S 39°10'36.0" E	279.20					
POT	814500.780	2325663.434							

DRW1

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	812133.162	2326545.608							
LINE			N 84°15'34.5" E	57.00					
PC	812138.863	2326602.319							
CURVE			S 79°03'31.9" E	14.35	33°21'47.2"(RT)	229°10'59.2"	14.56	7.49	25.00
PT	812136.138	2326616.411							
LINE			S 62°22'38.3" E	27.75					
PC	812123.270	2326641.002							
CURVE			S 83°35'28.1" E	18.09	42°25'39.6"(L.T)	229°10'59.2"	18.51	9.70	25.00
PT	812121.250	2326658.982							
LINE			N 75°11'42.2" E	17.78					
PC	812125.793	2326676.168							
CURVE			N 71°57'08.2" E	11.31	06°29'07.8"(L.T)	57°17'44.8"	11.32	5.67	100.00
PT	812129.298	2326686.925							
LINE			N 68°42'34.3" E	50.80					
POT	812147.742	2326734.255							

DRW2

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	813416.831	2326433.895							
LINE			N 63°31'22.2" E	45.66					
PC	813437.190	2326474.769							
CURVE			N 45°32'33.0" E	30.87	35°57'38.4"(L.T)	114°35'29.6"	31.38	16.23	50.00
PT	813458.810	2326496.802							
LINE			N 27°33'43.8" E	149.81					
PC	813591.620	2326566.122							
CURVE			N 41°30'07.7" E	72.27	27°52'47.8"(RT)	38°11'49.9"	72.99	37.23	150.00
PCC	813645.746	2326614.012							
CURVE			N 51°29'04.1" E	34.51	07°54'54.9"(L.T)	22°55'05.9"	34.54	17.30	250.00
PCC	813667.236	2326641.014							
CURVE			N 49°05'44.0" E	41.06	03°08'14.6"(RT)	07°38'22.0"	41.07	20.54	750.00
PT	813694.124	2326672.050							

DRW3

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	814928.402	2325379.740							
LINE			N 44°41'39.7" E	12.60					
PC	814937.362	2325388.605							
CURVE			N 73°21'03.5" E	47.96	57°18'47.6"(RT)	114°35'29.6"	50.02	27.33	50.00
PT	814951.101	2325434.550							
LINE			S 77°59'32.7" E	62.38					
POT	814938.124	2325495.566							

DRW4

POINT	N	E	BEARING	DIST
POT	812908.103	2326542.893		
LINE			N 88°14'58.4" E	150.00
POT	812912.685	2326692.823		

DRW5

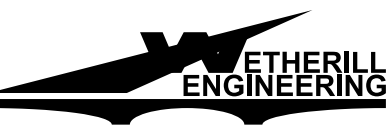
POINT	N	E	BEARING	DIST
POT	815828.572	2325008.950		
LINE			S 89°28'08.4" E	150.00
POT	815827.182	2325158.944		

NOTES:

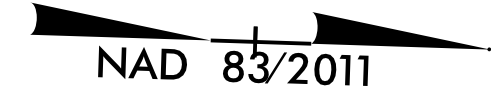
1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

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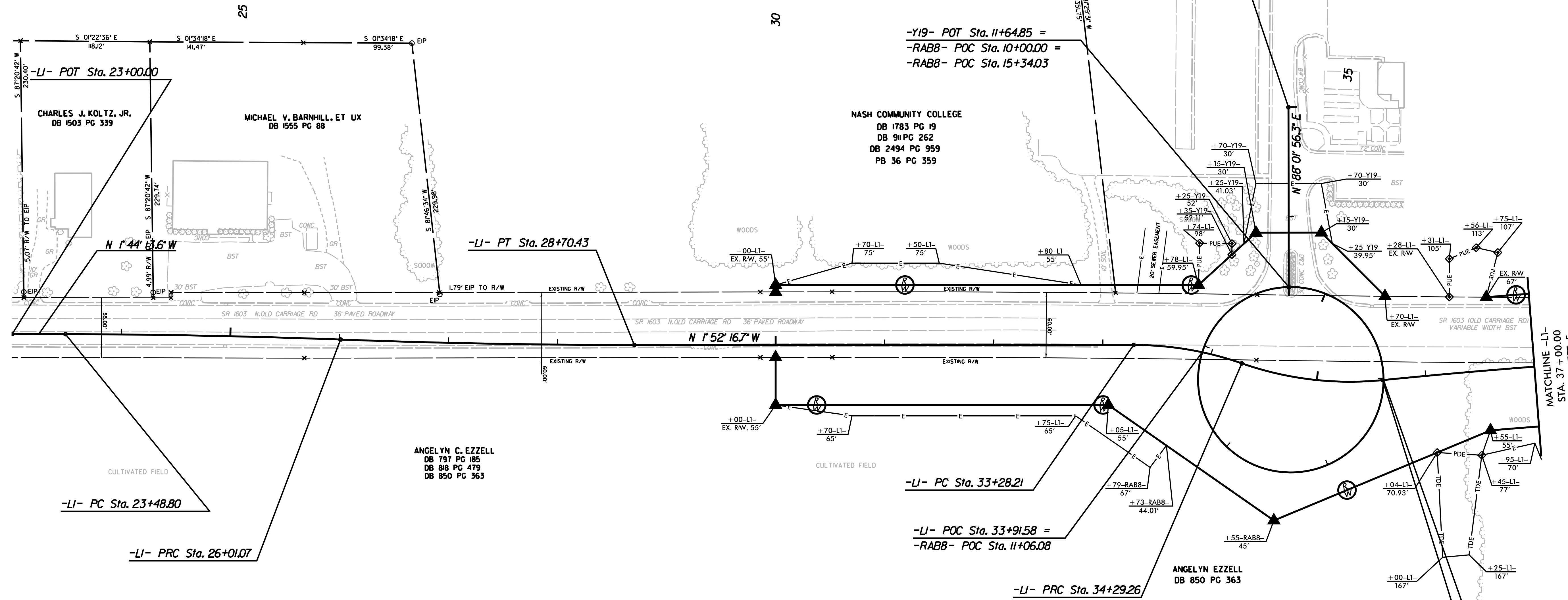
6/2/20

PROJECT REFERENCE NO. U-5996	SHEET NO. RW04
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 - BRIDGES/STRUCTURE DESIGN CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION	
PROJECT SURVEYOR 	
Documented by: 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-LI- CURVE DATA	-LI- CURVE DATA	-LI- CURVE DATA	-LI- CURVE DATA	-RAB8- CURVE DATA
PI Sta 24+74.95	PI Sta 27+35.76	PI Sta 33+79.22	PI Sta 34+95.85	PI Sta 10+00.02
$\Delta = 1^{\circ}58'47.9"$ (RT)	$\Delta = 2^{\circ}06'51.0"$ (LT)	$\Delta = 1^{\circ}17'56.8"$ (RT)	$\Delta = 2^{\circ}01'38.7"$ (LT)	$\Delta = 359^{\circ}58'18.9"$ (LT)
D = 0'47'05.5"	D = 0'47'05.5"	D = 19'05'54.9"	D = 19'05'54.9"	D = 67'24'24.5"
L = 252.27'	L = 269.36'	L = 101.05'	L = 131.04'	L = 534.03'
T = 126.15'	T = 134.70'	T = 51.01'	T = 66.58'	T = 0.02'
R = 7,300.00'	R = 7,300.00'	R = 300.00'	R = 300.00'	R = 85.00'
SE = NC	SE = NC	SE = NC	SE = NC	SE = NC
DS = 50 MPH	DS = 50 MPH	DS = 50 MPH	DS = 50 MPH	DS = 25 MPH



REVISIONS

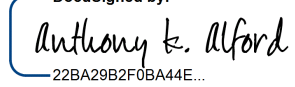


I, ANTHONY K ALFORD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 26th day of March, 2020.

Documented by:

 L-4372
 Professional Land Surveyor PLS # Seal

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

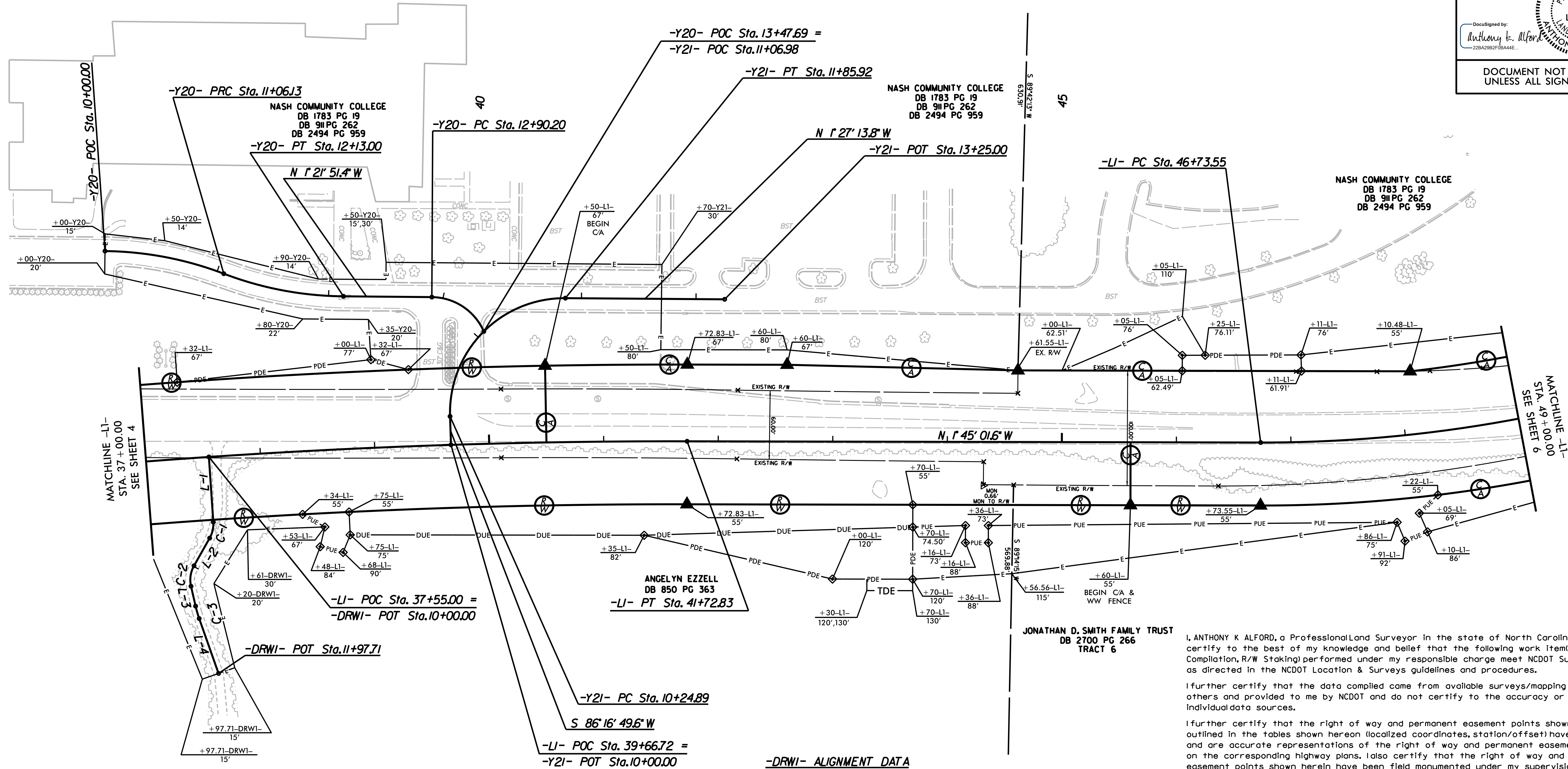
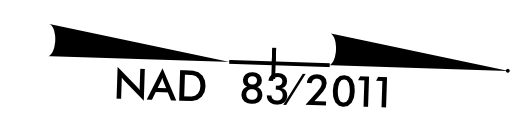
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MATCHLINE -LI- STA. 37+00.00 SEE SHEET 5

6/2/19

PROJECT REFERENCE NO. U-5996	SHEET NO. 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	

-LI- CURVE DATA	-Y20- CURVE DATA	-Y20- CURVE DATA	-Y20- CURVE DATA	-Y21- CURVE DATA	-LI- CURVE DATA
PI Sta 38+66.83	PI Sta 10+53.63	PI Sta 11+60.14	PI Sta 13+22.60	PI Sta 11+28.92	PI Sta 49+11.38
$\Delta = 5^{\circ} 50' 56.9" (RT)$	$\Delta = 20^{\circ} 16' 11.2" (RT)$	$\Delta = 20^{\circ} 24' 40.0" (LT)$	$\Delta = 65^{\circ} 53' 13.9" (RT)$	$\Delta = 92^{\circ} 15' 56.6" (RT)$	$\Delta = 22^{\circ} 25' 13.6" (LT)$
$D = 0^{\circ} 57' 17.7"$	$D = 19^{\circ} 05' 54.9"$	$D = 19^{\circ} 05' 54.9"$	$D = 11^{\circ} 35' 29.6"$	$D = 57^{\circ} 17' 44.8"$	$D = 4^{\circ} 46' 28.7"$
$L = 612.52'$	$L = 106.13'$	$L = 106.87'$	$L = 57.50'$	$L = 161.03'$	$L = 469.57'$
$T = 306.53'$	$T = 53.63'$	$T = 54.01'$	$T = 32.40'$	$T = 104.03'$	$T = 237.83'$
$R = 6,000.00'$	$R = 300.00'$	$R = 300.00'$	$R = 50.00'$	$R = 100.00'$	$R = 1,200.00'$
SE = NC					SE = 04
DS = 45 MPH					RO = 192'
					DS = 50 MPH



-DRWI- CURVE DATA	-DRWI- CURVE DATA	-DRWI- CURVE DATA
PI Sta 10+64.49	PI Sta 11+09.01	PI Sta 11+41.26
$\Delta = 33^{\circ} 21' 47.2" (RT)$	$\Delta = 42^{\circ} 25' 39.6" (LT)$	$\Delta = 6^{\circ} 29' 07.8" (LT)$
$D = 229^{\circ} 10' 59.2"$	$D = 229^{\circ} 10' 59.2"$	$D = 57^{\circ} 17' 44.8"$
$L = 14.56'$	$L = 18.51'$	$L = 11.32'$
$T = 7.49'$	$T = 9.70'$	$T = 5.67'$
$R = 25.00'$	$R = 25.00'$	$R = 100.00'$

-DRWI- ALIGNMENT DATA
L-1 N 84° 15' 34.5° E
C-1 PC Sta. 10+57.00
PT Sta. 10+71.55
L-2 S 62° 22' 38.3° E
C-2 PC Sta. 10+99.31
PT Sta. 11+17.82
L-3 N 75° 11' 42.2° E
C-3 PC Sta. 11+35.60
PT Sta. 11+46.92
L-4 N 68° 42' 34.3° E

NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

I, ANTHONY K ALFORD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 26th day of March, 2020.

DocuSigned by:
 Anthony K. Alford
 22BA2B2F0BA44E
 Professional Land Surveyor

L-4372
PLS #

Seal

REVISIONS

6/2/19
 11:50:19 AM
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 11:50:19 AM
 6/2/19

6/2/20

I, ANTHONY K. ALFORD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

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Witness my original signature, registration number and seal this 26th day of March, 2020.

DocuSigned by: Anthony K. Alford, 228A282F0844E, L-4372, Professional Land Surveyor, PLS #, Seal

PROJECT REFERENCE NO. U-5996, SHEET NO. RW06, Location and Surveys, ETHERILL ENGINEERING, 1223 Jones Franklin Rd., Raleigh, N.C. 27606, License No. F-0377, Bus: 919 851 8077, Fax: 919 851 8107, PROJECT SURVEYOR, NORTH CAROLINA PROFESSIONAL LAND SURVEYORS SEAL L-4372, ANTHONY K. ALFORD, DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

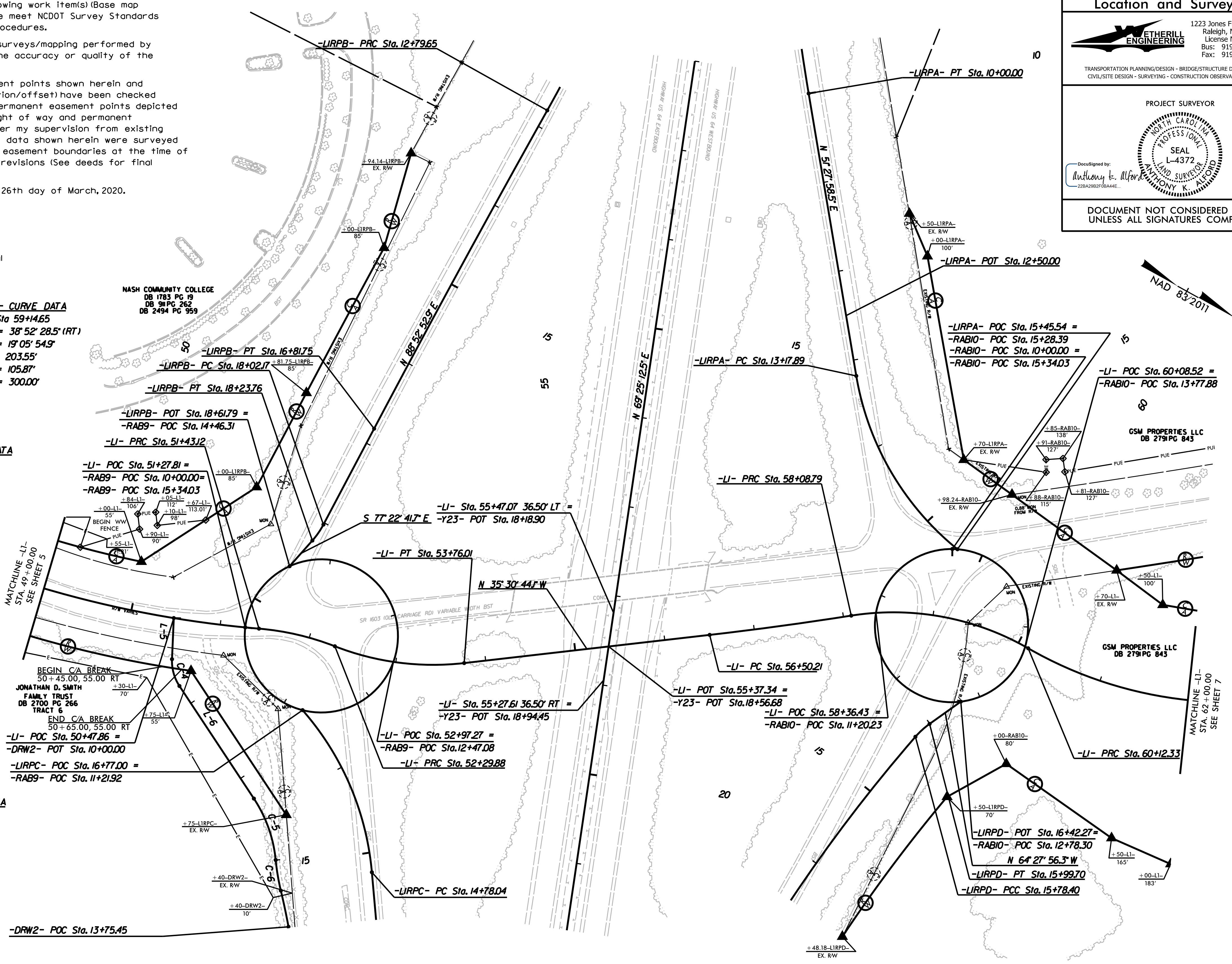
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Table with 3 columns: -LIRPD- CURVE DATA, -RAB9- CURVE DATA, -DRW2- ALIGNMENT DATA. Includes PI Sta, Delta, D, L, T, R, SE, DS values.

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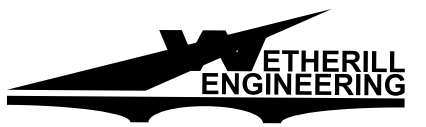

REVISIONS

NOTES:

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

01-185-2020-08-32 Location and Surveys\U-5996 RW Staking\80-Drawings\RW Sheets\U5996.ls_rw06.dgn

6/2/20

PROJECT REFERENCE NO. U-5996	SHEET NO. 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 	
DocuSigned by: 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-LI- CURVE DATA	-LI- CURVE DATA	-Y26- CURVE DATA
PI Sta 63+07.08	PI Sta 75+07.24	PI Sta 10+83.53
$\Delta = 66^{\circ} 26' 56.0"$ (LT)	$\Delta = 75^{\circ} 47' 42.9"$ (RT)	$\Delta = 75^{\circ} 50' 58.6"$ (LT)
D = 12' 43' 56.6"	D = 4' 35' 01.2"	D = 114' 35' 29.6"
L = 521.89'	L = 1653.60'	L = 66.19'
T = 294.75'	T = 973.02'	T = 38.96'
R = 450.00'	R = 1,250.00'	R = 50.00'
SE = 04	SE = 07	
RO = 120'	RO = 210'	
DS = 35 MPH	DS = 50 MPH	

-Y22- CURVE DATA	-Y22- CURVE DATA
PI Sta 9+42.53	PI Sta 11+91.19
$\Delta = 4^{\circ} 17' 10.5"$ (LT)	$\Delta = 40^{\circ} 08' 22.6"$ (LT)
D = 3' 43' 37.5"	D = 57' 17' 44.8"
L = 115.00'	L = 70.06'
T = 57.53'	T = 36.54'
R = 1,537.28'	R = 100.00'
SE = EXIST.	

S 36° 40' 22.7" W

-Y26- PC Sta. 10+44.57

-Y26- PT Sta. 11+10.76

-DRW3- POT Sta. 10+00.00 =
-LI- POC Sta. 69+75.00

S 39° 10' 36.0" E

-Y26- POT Sta. 13+89.97

-LI- PRC Sta. 65+34.22

-Y22- POT Sta. 12+66.65 =
-LI- POC Sta. 70+63.69

-Y22- PC Sta. 11+54.66

-Y22- PT Sta. 12+24.71

-Y22- POT Sta. 12+66.65 =
-LI- POC Sta. 70+63.69

-Y26- POT Sta. 10+00.00 =
-LI- POC Sta. 68+00.00

-DRW3- POT Sta. 11+25.00

-Y26- POT Sta. 10+00.00 =
-LI- POC Sta. 68+00.00

-DRW3- ALIGNMENT DATA

L-8 N 44° 41' 39.7" E

C-7 PC Sta. 10+12.60

PT Sta. 10+62.62

L-9 S 77° 59' 32.7" E

-DRW3- CURVE DATA

PI Sta 10+39.93

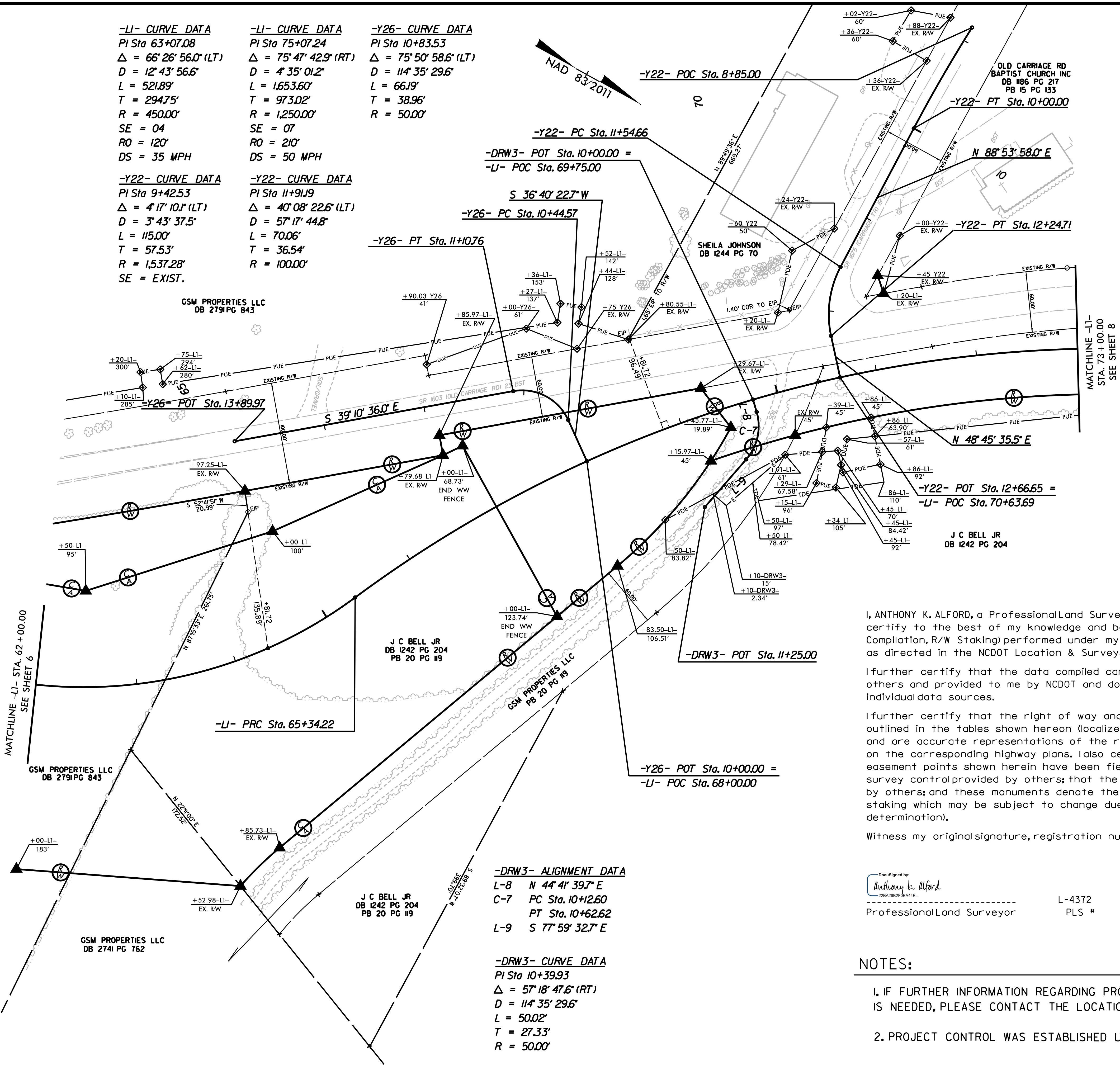
$\Delta = 57^{\circ} 18' 47.6"$ (RT)

D = 114' 35' 29.6"

L = 50.02'

T = 27.33'

R = 50.00'

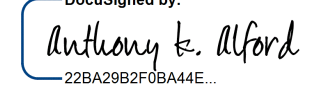


I, ANTHONY K. ALFORD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work item(s) (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 31st day of March, 2020.

DocuSigned by:

 228A2082F8A44E
 Professional Land Surveyor L-4372
 PLS # Seal

- NOTES:**
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
 - PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

REVISIONS

P:\15019\Location and Surveys\U-5996 RW Staking\80-Drawings\RW Sheets\U5996.ls_rw07.dgn
 01-15-2020 07:54
 01-15-2020 07:54
 01-15-2020 07:54

6/2/19

I, ANTHONY K. ALFORD, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work items (Base map Compilation, R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

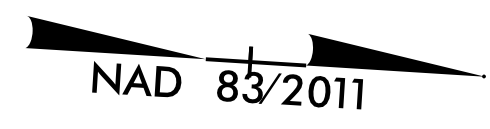
I further certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 31st day of March, 2020.

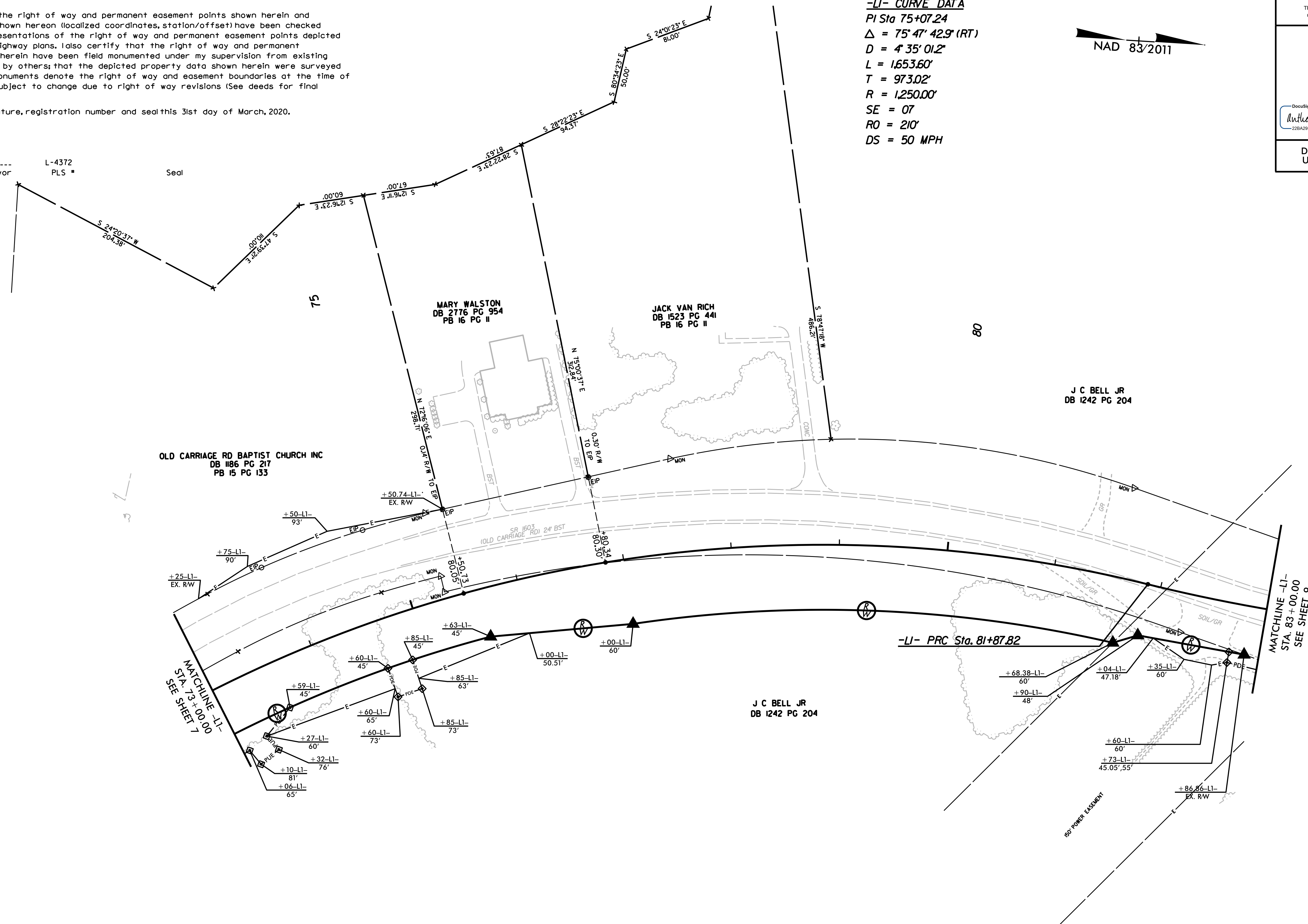
DocuSigned by:
Anthony K. Alford
 L-4372
 Professional Land Surveyor

-LI- CURVE DATA
 PI Sta 75+07.24
 $\Delta = 75^{\circ} 47' 42.9''$ (RT)
 $D = 4' 35'' 01.2''$
 $L = 1653.60'$
 $T = 973.02'$
 $R = 1250.00'$
 $SE = 07'$
 $RO = 210'$
 $DS = 50$ MPH



PROJECT REFERENCE NO. U-5996	SHEET NO. RW08
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 	
DocuSigned by: Anthony K. Alford 228A2982708A44E...	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS



NOTES:

- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

01-185-2020_08-11_Location and Surveys\U-5996_RW_Staking\80-Drawings\FW_Sheets\U5996_1s_rw08.dgn
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 01-185-2020_08-11_Location and Surveys\U-5996_RW_Staking\80-Drawings\FW_Sheets\U5996_1s_rw08.dgn

