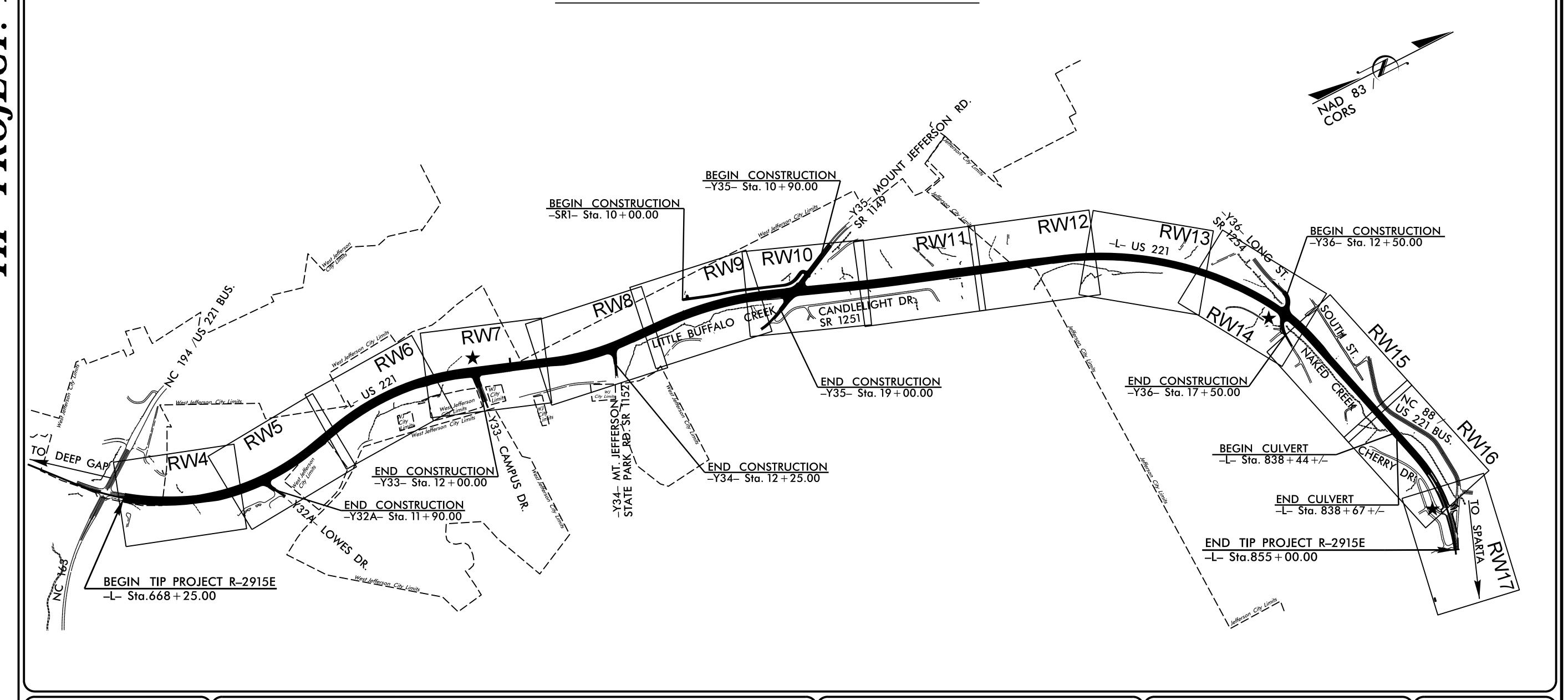
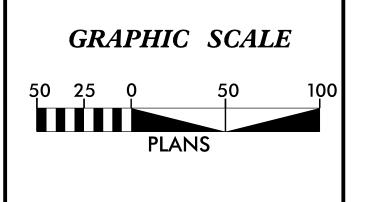
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

RW01 XX R-2915E

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

ASHE COUNTY

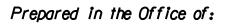




DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R915-15" WITH NAD 83/CORS STATE PLANE GRID COORDINATES OF NORTHING: 954,880.781(ft) EASTING: 1,254,012.285(ft) **ELEVATION: 3,097.52(ft)** THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99991292 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R2915-15" TO -L- STATION 668+25.00 IS N 50°52'59.3" E 18,737.437(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES

VERTICAL DATUM USED IS NAVD 88





TGS ENGINEERS 804-C N. LAFAYETTE ST SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275

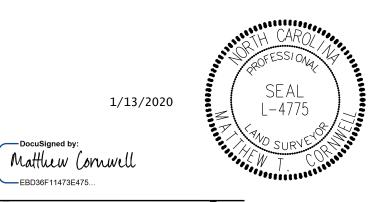
2018 STANDARD SPECIFICATIONS

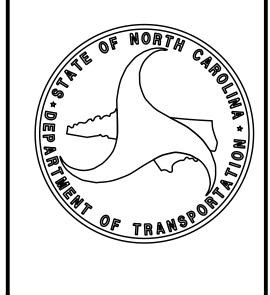
RIGHT OF WAY DATE: MAY 8, 2018

LETTING DATE: MARCH 12, 2020



SIGNATURE:





 $\Theta \Theta \Theta$

/ 20/ |

PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. SHEET NO.

R-2915E RW02D-1

Location and Surveys

		L	
TYPE	STATION	NORTH	EAST
POT	649.94.93	965463.5408	1267207.5363
TS	660.78.27	966168.9995	1268029.7042
SC	663.53.27	966351.3900	1268235.4785
CS	691-89.08	968937.0510	1269080.5708
ST	693.89.08	969132.8522	1269039.8579
TS	695.97.26	969336.1688	1268995.0954
SC	697.97.26	969531.9372	1268954.2181
CS	713.31.68	971047.1475	1269054.0231
ST	715.31.68	971235.8627	1269120.2258
TS	724 • 33 • 90	972083.9270	1269428.1143
SC	726 • 33 • 90	972272.6586	1269494.2691
CS	733 • 48 • 84	972972.2797	1269633.0055
ST	735 • 48 • 84	973171.9742	1269643.8765
TS	738-81.50	973504.3227	1269658.2673
SC	740 • 41 • 50	973664.1244	1269666.1800
CS	753.09.01	974899.5027	1269928.5404
ST	754 • 69 • 01	975048.7276	1269986.2565
PC	762 • 87 • 79	975810.5274	1270286.3441
PT	769.62.40	976442.6833	1270521.7769
TS	788 • 15 • 06	978190.6572	1271135.7270
SC	790.05.06	978369.4073	1271200.1207
CS	814.61.56	980261.2448	1272704.8875
SC	816-21.56	980346.7825	1272840.0805
CS	821.66.51	980569.3263	1273336.2369
ST	824.06.51	980634.4373	1273567.2083
TS	840.83.01	981062.3593	1275188.1705
SC	843.63.01	981127.1778	1275460.4959
CS	852.58.54	981083.1386	1276346.7560
ST	855.58.52	980984.1284	1276629.8384

		SR1	
TYPE	STATION	NORTH	EAST
POT	10.00.00	973933.4529	1269505.3456
PC	12.77.10	974195.0042	1269596.8759
PRC	15.01.92	974409.7792	1269663.1167
PT	17.86.67	974680.9331	1269749.7218
PC	22.55.35	975120.1294	1269913.3405
PT	24.56.71	975315.8825	1269904.3084
PC	25 • 24 • 55	975377.0022	1269874.8725
PT	25.87.35	975430.3803	1269893.5200
POT	26.27.61	975447.8845	1269929.7768

Y32A					
TYPE	STATION	NORTH	EAST		
POT	10.00.00	968355.5849	1269126.6642		
PC	10.50.10	968353.5117	1269176.7246		
PT	11.34.81	968373.4600	1269257.8975		
POT	13.42.74	968477.3785	1269437.9975		

		Y33	
TYPE	STATION	NORTH	EAST
POT	10.00.00	971243.6102	1269123.0412
POT	14.80.00	971196.9190	1269600.7649

		Y34	
TYPE	STATION	NORTH	EAST
POT	10.00.00	972922.0298	1269628.7233
POT	13.68.92	972784.2170	1269970.9375

		Y35	
TYPE	STATION	NORTH	EAST
POT	9.00.00	975852.5038	1269734.4327
PC	19.36.63	974918.9751	1270185.1264
PT	22.31.11	974637.7309	1270267.8849

Y36					
TYPE	STATION	NORTH	EAST		
POT	10.00.00	980504.1647	1272609.6514		
PC	11.91.85	980565.9902	1272791.2679		
PT	14.04.75	980507.4746	1272981.7391		
PC	14.70.86	980454.7114	1273021.5642		
PT	17.42.08	980343.6714	1273257.4775		
POT	19.14.44	980351.3221	1273429.6759		

NOTES:

I. 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 & PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. SHEET NO. RW03E-1 Location and Surveys

SURVEYOR

DOW MADKED IDON DIN AND CAD

	ROW N	MARKER IRON	PIN AND CAP		
AL I GN	STATION	OFFSET	NORTH	EAST]
L	697.00.00	-100.03	969415.8979	1268875.4210]
L	697.97.26	-125.00	969509.0474	1268831.3318]
L	713.31.68	-125.00	971085.9551	1268935.1998]
L	715.31.68	-125.00	971278.5210	1269002.7300]
L	718.03.98	-112.82	971530.3150	1269107.0980	EXISTING REBAR & CAP
L	724 • 33.90	-115.31	972123.2755	1269319.7231]
L	726 • 33 • 90	-140.00	972316.0197	1269361.1533]
L	728.00.00	-143.92	972468.8686	1269402.2156]
L	732.00.00	-177.02	972846.5055	1269442.3315]
L	733 • 48 • 84	-190.00	972986.8208	1269443.5628	
L	735 • 48 • 84	-190.00	973180.1960	1269454.0545]
L	737.00.00	-160.00	973329.9167	1269490.5655]
L	738.81.50	-160.00	973511.2468	1269498.4172]
L	741.00.00	-180.00	973736.0627	1269490.7073]
L	742 • 42 • 29	-170.23	973882.6185	1269514.0427]
L	742 • 58 . 34	-243.32	973907.3917	1269443.2523]
L	758.50.00	-113.81	975444.9178	1270019.9997]
L	801 • 67 • 19	-165.00	979481.4057	1271633.0664]
L	801.70.00	-119.42	979455.9284	1271670.9671]
L	805.30.00	-165.00	979770.1045	1271876.7486]
L	807.47.33	-124.73	979902.9978	1272063.0235]
L	852.75.00	- 70.30	981145.7728	1276382.8021]
L	852.75.00	-62.96	981138.7412	1276380.6848]
L	855 · 20 . 00	-65.02	981058.6012	1276616.8010	MAG NAIL SET
Г	855 · 20 . 00	-42.22	981037.2706	1276608.7394	1

ROW MARKER IRON PIN AND CAP

<u>ALIGN</u>	STATION	<u> UFFSEI</u>	NURTH	<u> </u>
SR1	12.77.10	-50.00	974211.5196	1269549.6822
SR1	15.01.92	-50.00	974422.7151	1269614.8190
SR1	17.50.00	-80.00	974673.5020	1269661.8278
SR1	18.75.00	-215.00	974838.7622	1269579.0846
SR1	20.60.00	-215.00	975012.1229	1269643.6686
SR1	21.00.00	-63.46	974996.7024	1269799.6408
SR1	22.05.00	-63.46	975095.0963	1269836.2965

NOT SET - FELL IN TREE

ROW MARKER IRON PIN AND CAP

AL I GN	STATION	OFFSET	NORTH	EAST	
Y35	9.25.00	-35.06	975845.2353	1269776.8794	
Y35	9.25.00	-45.00	975849.5548	1269785.8263	
Y35	10.90.00	35.00	975666.1838	1269785.5197	
Y35	10.90.00	56.00	975657.0537	1269766.6083	
Y35	12.83.00	56.00	975483.2503	1269850.5180	MAG NAIL SET
Y35	13.79.37	-45.00	975440.3721	1269983.3736	

I, Matthew T. Cornwell, 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.

Ifurther 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.

Ifurther 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 controlprovided 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 sealthis 30th day of April, 2018.

Matthew Cornwell 1/13/2020 -----ProfessionalLand Surveyor

L-4775 PLS #

Seal

ROW MARKER PERMANENT EASEMENT						
AL I GN	STATION	OFFSET	NORTH	EAST		
L	706.00.00	-125.00	970340.9072	1268786.8743		
L	707.00.00	-135.00	970445.6154	1268786.6645		
L	707.50.00	-125.00	970496.1914	1268802.7334		
L	710.75.00	-125.00	970828.8564	1268862.9722		
L	710.80.00	-175.00	970845.4984	1268815.5322		
L	711.20.00	-175.00	970886.5642	1268825.5910		
L	711-25.00	-125.00	970879.3976	1268875.3519		
L	733.50.00	-225,00	972990.5717	1269408.7475		
L	735.00.00	-235.00	973133.8164	1269406.9721		
L	735.55.00	-265.00	973189.5947	1269379.3912		
L	736 • 10 • 00	-195.00	973241.5150	1269451.7049		
L	736.60.00	-175.00	973290.6030	1269473.8492		
L	738.90.00	-175.00	973520.3969	1269483.7995		
L	740.50.00	-205.00	973685.6916	1269462.1319		
L	741 • 25.00	-205.00	973764.0593	1269467.8296		
L	776 • 70 • 00	- 153.58	977161.1969	1270611.3614		
L	776 • 70 • 00	-170.00	977166.6368	1270595.8736		
L	777 • 40 • 00	-170.00	977232.6814	1270619.0708		
L	777 • 40 • 00	- 157.81	977228.6422	1270630.5709		
L	804.85.00	-165.00	979735.5259	1271845.1010		
L	804.95.00	-202.00	979768.1354	1271824.7270		
L	805.35.00	-185.00	979787.5294	1271865.6297		
L	844.05.00	170.00	980966.6876	1275529.4101		
L	844.05.00	144.89	980991.4694	1275525.3392		
L	844 · 35 . 58	157.76	980983.0898	1275555.1463		
L	844 • 44 • 45	169.18	980972,9542	1275564.8186		
L	849.38.00	-192.93	981338.4288	1276055.3621		
L	849.50.00	-235.00	981378.6115	1276073.6232		
L	849.70.00	-177.01	981318,2668	1276088.2092		
L	849.85.00	-225.00	981363.5485	1276111.1847	N	

NOT SET - FELL IN RIVER

ROW MARKER PERMANENT EASEMENT

AL I GN	STATION	OFFSET	NORTH	EAST
SR1	10.20.00	- 70.00	973975.4520	1269445.8807
SR1	10.20.00	-50.00	973968.8458	1269464.7582
SR1	10.50.00	- 70.00	974003.7682	1269455.7900
SR1	10.50.00	-50.00	973997.1620	1269474.6675

DOW MARKED DERMANENT EASEMENT

NOW MARKER PERMANENT EASEMENT					
	AL I GN	STATION	OFFSET	NORTH	EAST
	Y35	9.25.00	-95.00	975871.2932	1269830.8534
	Y35	9.75.00	-45.00	975804.5277	1269807.5647
	Y35	9.75.00	-95.00	975826,2661	1269852,5918

NOTES:

- I. 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.

