

09/08/19

TIP PROJECT: W-5601EY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5601EY	RW01	4

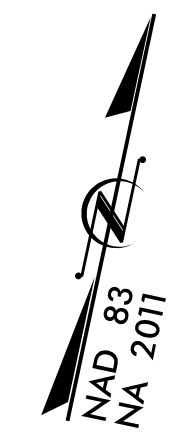
STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

---

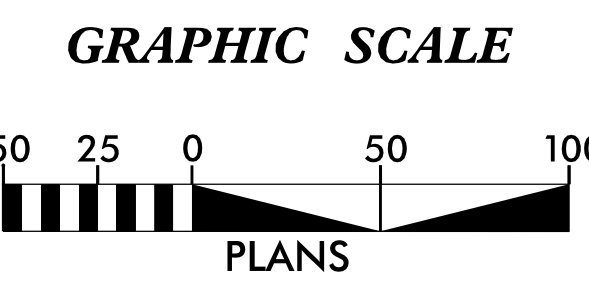
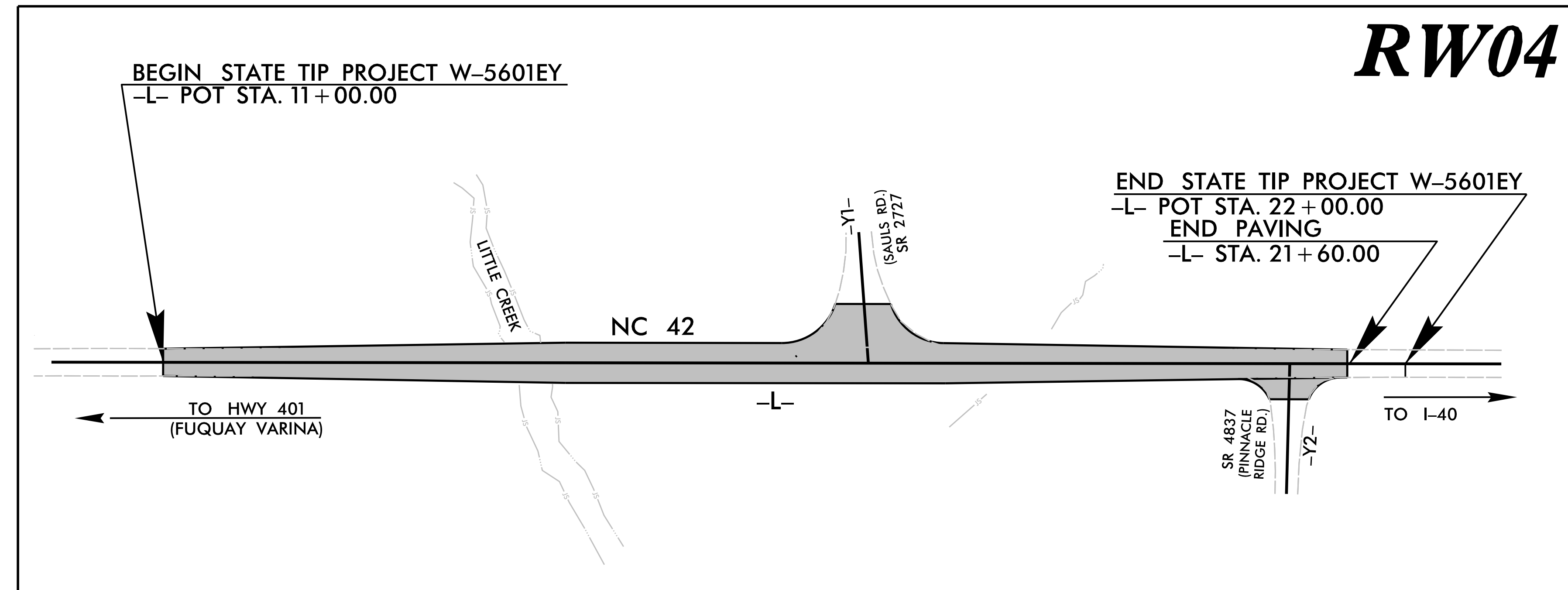
SURVEY CONTROL, EXISTING CENTERLINES,  
 RIGHT OF WAY, EASEMENTS AND PROPERTY TIES

---

**WAKE COUNTY**



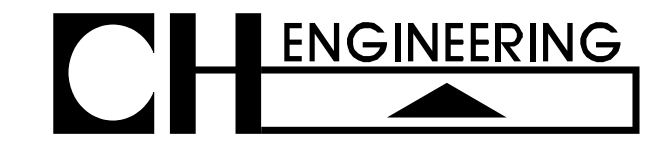
**LOCATION: CONSTRUCT AN EASTBOUND LEFT TURN  
 LANE ON NC 42 AT THE SR 2727 (SAULS RD.)  
 INTERSECTION.**



**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W5601BC-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 668836.711(ft) EASTING: 2103837.604(ft) NCGS MONUMENT "JUNKCAR" ELEVATION OF 333.30(ft) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988135 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W5601BC-1" TO -L- STATION 10+00.00 IS N 77°42'22.91" E 4,385.54(ft) ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

Prepared in the Office of:



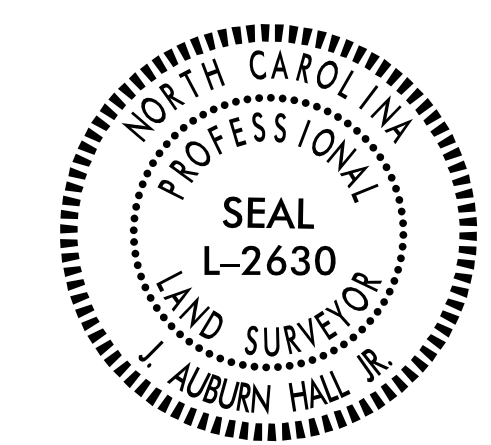
3220 GLEN ROYAL RD. RALEIGH, NC 27617  
 TEL. (919) 788-0224 FAX (919) 788-0232  
 CORPORATE LICENSE # P-0189

2018 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
AUGUST 19, 2019

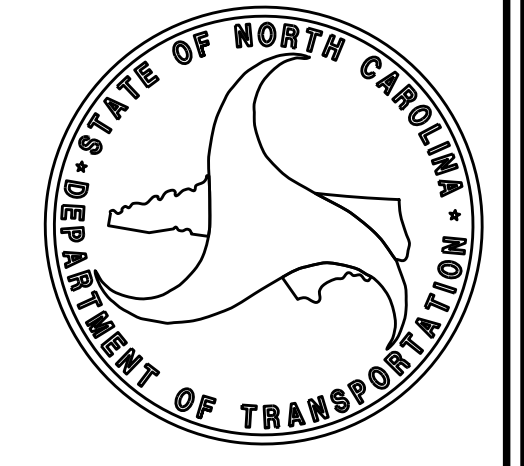
**LETTING DATE:**  
APRIL 8, 2020

PROFESSIONAL LAND SURVEYOR



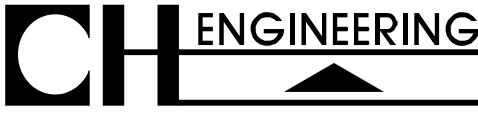
Designed by:  
 J. Auburn Hall, Jr.  
 SIGNATURE

Date:  
 8/23/2021



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

# PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
W5601-EY	RW02D-1
<b>Location and Surveys</b>	
 3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	

REVISIONS

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	669770.4890	2108122.5830
POT	22+97.86	670039.6840	2109392.2170

**NOTES:**

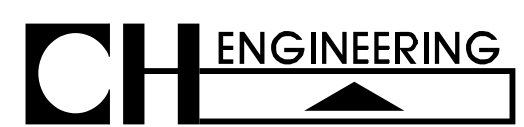
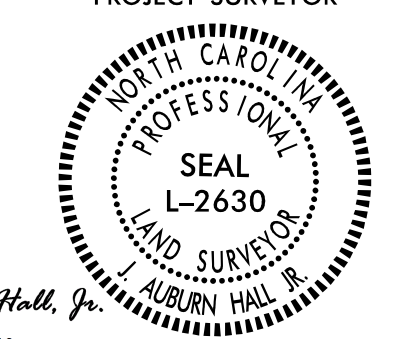
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- THE PROPOSED ALIGNMENT CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

6/2/19

REVISIONS

C:\Users\jshelton\OneDrive\Documents\Projects\ATP\CH16\02-FEB-2022\_09:40\Desk-top\NCDOT\W5601\corrections for Gupston\W-5601EY.is\_RW02E-1\_210823.dgn

# PERMANENT EASEMENT CONTROL SHEET

PROJECT REFERENCE NO. W5601-EY	SHEET NO. RW03E-1
<b>Location and Surveys</b>	
 3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
PROJECT SURVEYOR	
	
<small>DocuSigned by: J. Auburn Hall, Jr. 58BDFCF65DF44A8...</small>	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

ROW MARKER PERMANENT EASEMENT-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+67.00	-82.00	669926.8270	2108464.5939
L	13+67.00	-50.00	669895.5229	2108471.2311
L	14+35.00	-81.64	669940.5767	2108531.1946
L	14+35.00	-50.00	669909.6280	2108537.7566
L	17+75.00	50.00	669882.3228	2108891.0999
L	17+75.00	80.00	669852.9752	2108897.3223
L	18+17.00	70.00	669871.4691	2108936.3348
L	18+50.00	70.00	669878.3138	2108968.6172
L	18+90.00	-85.00	670038.2397	2108975.5980
L	18+90.00	-50.00	670004.0008	2108982.8575
L	19+30.00	-85.00	670046.5362	2109014.7281
L	19+40.00	-50.00	670014.3715	2109031.7702
L	19+40.00	-75.00	670038.8279	2109026.5848
L	19+90.00	50.00	669926.9170	2109101.4243

I, J. AUBURN HALL, JR., 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) (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 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 23rd day of August, 2021.

DocuSigned by:  
  
 58BDFCF65DF44A8...  
 Professional Land Surveyor

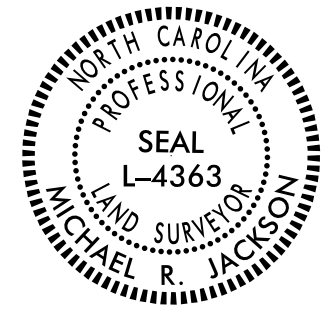
L-2630  
 PLS #

Seal

### NOTES:

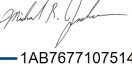
- IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.

# RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
W5601-EY	RW03E-2
<b>Location and Surveys</b>	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION LOCATION and SURVEYS UNIT DIVISION 5 200 ROSCOE TRAIL RALEIGH, NC 27607 919-858-4834	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, Michael R. Jackson, certify that the right of way monumentation shown herein and in bold on sheet RW04A 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 1:10,000 (Class A). Field work was performed from 11/9/2021 to 11/10/2021, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable. All other monumentation was set by others.

This 3rd day of February, 2022.

DocuSigned by:  
  
 1AB767710751467...

Professional Land Surveyor L-4363

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	16+25.00	-50.00	669949.0359	2108723.6204
L	16+95.97	-70.00	669983.3208	2108788.8971
L	17+56.13	-70.00	669995.7998	2108847.7531
L	18+00.00	-50.00	669985.3335	2108894.8147

REVISIONS

07-FEB-2022 13:08  
 C:\Users\WJ\OneDrive\Projects\2022\W-5601-E\05-21-xxx (RW Revision)\Working\W-5601EY\_1s\_RW02E-2\_220201.dgn  
 AT LS=312633  
 Khudson

**NOTES:**

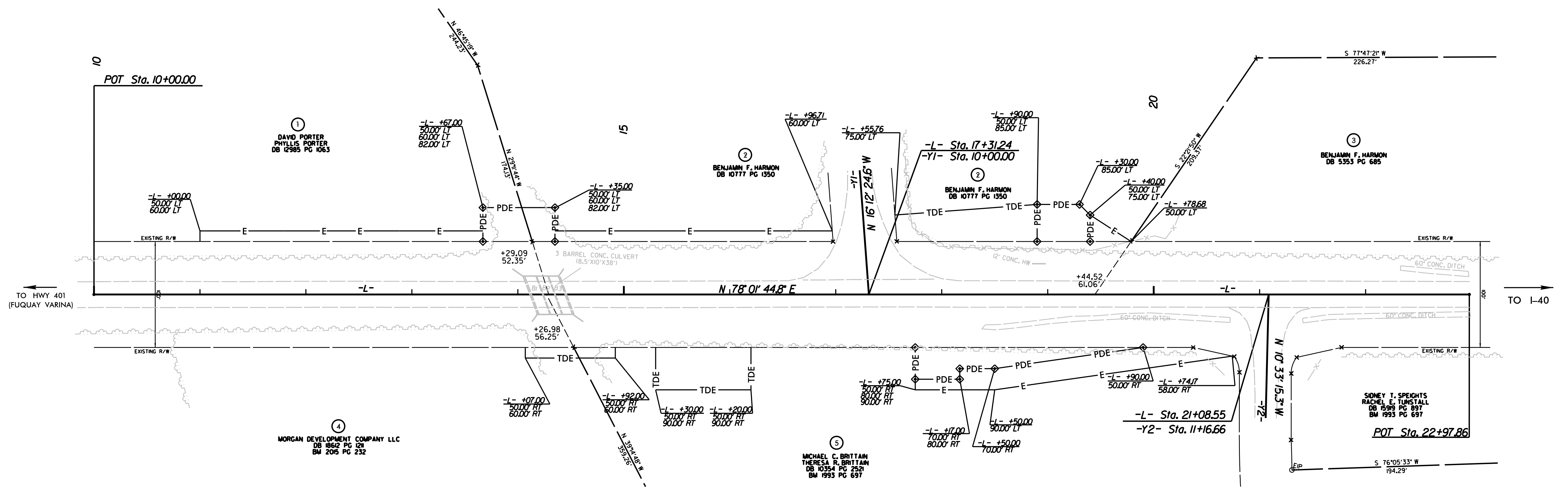
1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 11/9/2021 TO 11/10/2021.

6/2/2019

PROJECT REFERENCE NO. W5601-EY	SHEET NO. RW04
<b>Location and Surveys</b>	
<b>CH ENGINEERING</b>	
3220 GLEN ROYAL RD. RALEIGH, NC 27617 TEL. (919) 788-0224 FAX (919) 788-0232 CORPORATE LICENSE # P-0189	
PROJECT SURVEYOR	
DocuSigned by: <i>J. Auburn Hall, Jr.</i> 188F0CF85DF444E	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



REVISIONS



I, J. Auburn Hall, Jr., 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) (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 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 4th day of October, 2021.

DocuSigned by:  
*J. Auburn Hall, Jr.*  
188F0CF85DF444E  
Professional Land Surveyor

L-2630  
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.

6/2/2019

