

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EXISTING HORIZONTAL ALIGNMENT

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	555432.214	1142874.177							
CURVE			N 61°10'44.9" E	96.30	04°37'07.2"(LT)	04°47'40.7"	96.33	48.19	1195.00
PT	555478.640	1142958.552							
LINE			N 58°52'11.2" E	224.53					
PC	555594.717	1143150.746							
CURVE			N 59°21'11.2" E	168.70	00°57'59.8"(RT)	00°34'22.6"	168.71	84.36	10000.00
PCC	555680.713	1143295.886							
CURVE			N 66°49'23.1" E	109.47	13°58'24.0"(RT)	12°43'56.6"	109.75	55.15	450.00
PCC	555723.799	1143396.525							
CURVE			N 86°22'30.9" E	160.99	25°07'51.7"(RT)	15°29'07.2"	162.29	82.47	370.00
PT	555733.977	1143557.195							
LINE			S 81°03'33.2" E	136.75					
PC	555712.724	1143692.287							
CURVE			S 80°04'46.8" E	51.29	01°57'32.8"(RT)	03°49'11.0"	51.29	25.65	1500.00
PT	555703.888	1143742.807							
LINE			S 79°06'00.5" E	196.15					
PC	555666.798	1143935.414							
CURVE			S 80°34'39.8" E	103.14	02°57'18.7"(LT)	02°51'53.2"	103.16	51.59	2000.00
PCC	555649.913	1144037.167							
CURVE			N 85°25'37.6" E	270.92	25°02'06.5"(LT)	09°10'02.4"	273.09	138.76	625.00
PT	555671.513	1144307.228							
LINE			N 85°25'37.5" E	0.00					
PC	555671.513	1144307.228							
CURVE			N 71°56'22.1" E	145.94	01°56'24.5"(LT)	01°19'45.7"	145.95	72.98	4310.00
PT	555716.757	1144445.976							



PROJECT REFERENCE NO.
B-6047

SHEET NO.
RW02C-1

Location and Surveys

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

PROJECT SURVEYOR

DocuSigned by:
Matthew Cornwell
EB036F11473E475...

9/2/2021

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

I, Matthew T. Cornwell, PLS, certify that the Project Control was performed under my supervision from an actual GPS survey made under my supervision and the following information was used to perform the survey:

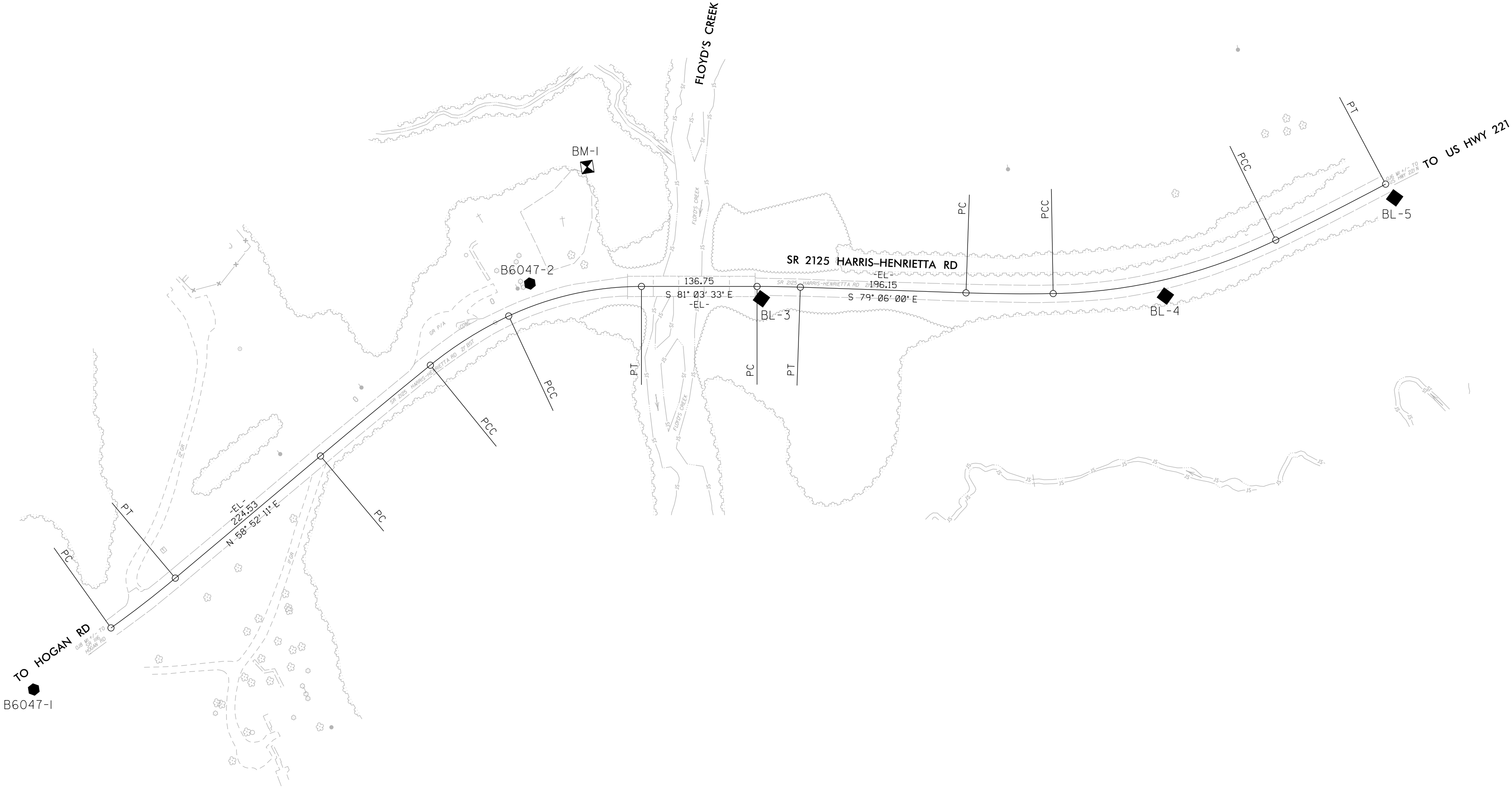
Class of survey: **AA**
Type of GPS field procedure: RTN
Dates of survey: 6/23/2021
Datum/Epoch: NAD83/2011
Published/Fixed-control use: RTN
Localized around: B6047-2
Northing: 555757.895
Easting: 1143427.257
Combined grid factor: 0.999841387
Geoid model: 12BNC
Units: US Survey Feet

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 8/3/2021 to 8/16/2021, 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 2nd day of September, 2021.

DocuSigned by:
Matthew Cornwell
EB036F11473E475...

9/2/2021
Professional Land Surveyor L-4775



BASELINE

BL	POINT	DESC.	NORTH	EAST	ELEVATION
1		B6047-1	555374.3860	1142772.6040	774.39
2		B6047-2	555757.8950	1143427.2570	757.38
3		BL-3	555697.4503	1143695.1058	750.12
4		BL-4	555626.3285	1144167.8529	770.92
5		BL-5	555699.0027	1144453.9150	779.23

BENCHMARK

BM1 ELEVATION = 754.08
N 555884 E 1143516
BL STATION 13+17.00 142 LEFT
RRSPIKE IN 24' POPLAR

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.