

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:

NC GRID
NAD 83 NA 2011

Class of survey: **AA**
Type of GPS field procedure: RTN
Dates of survey: May 2023
Datum/Epoch: NAD83/2011
Published/Fixed-control use: N/A
Localized around: 09-2
Northing: 552206.463
Easting: 1009242.021
Combined grid factor: 0.99980858
Geoid model: GEOID18
Units: US Survey Feet

NORTH CAROLINA
DEPARTMENT
OF TRANSPORTATION



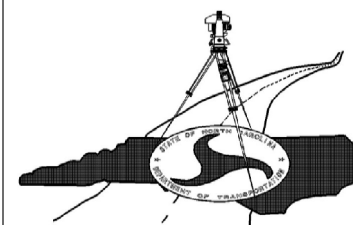
I also certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from May 2023 to July 2023, 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 8/16/2023

Professional Land Surveyor L-4775

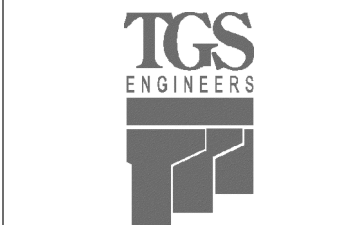
PROJECT: 74-0009
County: Polk

PREPARED FOR

LOCATION AND
SURVEYS UNIT

PREPARED BY

TGS ENGINEERS
201 WEST MARION ST.
SUITE 200
SHELBY, NC 28150
704-476-0003



EXISTING ALIGNMENT NAME/EY									
POINT	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R
PC	551892.6663	1007975.4352							
CURVE					03°21'18.2" Right	06°21'58.3"	52.70	26.36	900.00
PCC	551882.3887	1008027.1169							
CURVE					15°23'28.4" Right	16°51'06.1"	91.33	45.94	340.00
PT	551850.3199	1008112.3422							
LINE			S61°41'02.2"E	43.1921					
PC	551829.8324	1008150.3661							
CURVE					10°18'57.0" Left	18°36'09.1"	55.45	27.80	308.00
PCC	551808.0534	1008201.2829							
CURVE					14°19'17.7" Left	22°02'12.6"	64.99	32.66	260.00
PT	551795.8635	1008264.9466							
LINE			S86°19'16.9"E	52.5727					
PC	551792.4904	1008317.4110							
CURVE					05°41'10.3" Right	06°19°51.7"	89.81	44.94	905.00
PRC	551762.2934	1008406.6081							
CURVE					15°48'07.4" Left	18°28'57.0"	85.50	43.02	310.00
PCC	551780.1163	1008491.8068							
CURVE					27°26'23.5" Left	30°09'20.4"	90.99	46.39	190.00

EXISTING ALIGNMENT NAME/RR								
POINT	NORTHING	EASTING	BEARING	DIST	D	L	T	R
START	551548.5611	1007545.0208						
LINE			S80°55'50.5"E	734.3402				
PC	551432.8076	1008270.1806						
CURVE				18°36'52.5" Left	04°26'29.5"	419.10	211.41	1290.00

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.