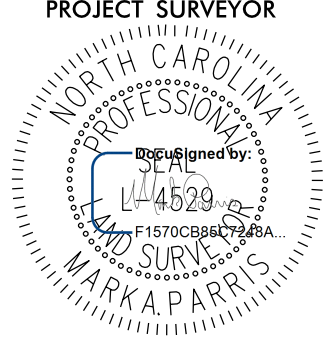


# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. A-0009-C	SHEET NO. RW02C-63
<b>Location and Surveys</b>	
	
PROJECT SURVEYOR 	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	

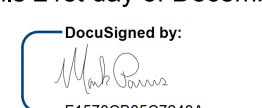
EY22 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
PC	627741.064	595689.284											
CURVE			S 24°31'35.4" E	220.27	08°49'10.8"(RT)	04°00'00.0"	220.49	110.46	1432.39				
PT	627540.665	595780.722											
LINE			S 20°07'00.0" E	113.67									
CURVE	627433.928	595819.818											
PT	627336.739	595854.920	S 19°51'30.0" E	103.33	00°31'00.0"(RT)	00°30'00.0"	103.33	51.67	11459.16				
LINE			S 19°36'00.0" E	92.61									
TS	627249.494	595885.986											
SPIRAL			S 21°15'59.6" E	199.93						05°00'00.0"(LT)	200.00	133.39	66.72
SC	627063.177	595958.503											
CURVE			S 31°49'30.0" E	288.23	14°27'00.0"(LT)	05°00'00.0"	289.00	145.27	1145.92				
CS	626818.274	596110.497											
SPIRAL			S 42°23'00.4" E	199.93						05°00'00.0"(LT)	200.00	133.39	66.72
ST	626670.594	596245.269											
LINE			S 44°03'00.0" E	121.42									
TS	626583.329	596329.688											
SPIRAL			S 40°33'03.6" E	149.78						10°30'00.0"(RT)	150.00	100.18	50.16
SC	626469.525	596427.061											
CS	626285.057	596493.110	S 19°42'00.0" E	195.94	27°42'00.0"(RT)	14°00'00.0"	197.86	100.90	409.26				
SPIRAL			S 00°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
ST	626285.057	596493.110											
LINE			S 05°51'00.0" E	303.67									
PC	625982.965	596524.062											
CURVE			S 03°59'30.0" E	185.80	03°43'00.0"(RT)	02°00'00.0"	185.83	92.95	2864.79				
PT	625797.615	596536.996											
LINE			S 02°08'00.0" E	33.04									
PC	625764.602	596538.226											
CURVE			S 01°45'00.0" W	310.43	07°46'00.0"(RT)	02°30'00.0"	310.67	155.57	2291.83				
PT	625454.318	596528.746											
LINE			S 05°38'00.0" W	162.84									
TS	625292.260	596512.761											
SPIRAL			S 03°08'01.3" W	299.77						07°30'00.0"(LT)	300.00	200.18	100.16
SC	624992.937	596496.373											
CURVE			S 44°40'00.0" E	1557.16	85°36'00.0"(LT)	05°00'00.0"	1712.00	1061.13	1145.92				
CS	623885.468	597591.031											
SPIRAL			N 89°11'59.6" E	199.93						05°00'00.0"(LT)	200.00	133.39	66.72
ST	623888.260	597790.943											
LINE			N 87°32'00.0" E	1166.46									
PC	623938.462	598956.324											
CURVE			N 89°20'03.9" E	205.80	03°36'07.8"(RT)	01°45'00.0"	205.84	102.95	3274.04				
PCC	623940.853	599162.113											
CURVE			S 82°21'56.4" E	199.54	12°59'51.7"(RT)	06°30'00.0"	199.96	100.41	881.47				
PCC	623914.345	599359.881											
CURVE			S 58°36'30.3" E	715.73	34°31'00.5"(RT)	04°45'00.0"	726.67	374.74	1206.23				
PT	623541.532	599970.848											
LINE			S 41°21'00.0" E	314.25									
TS	623305.630	600178.457											
SPIRAL			S 42°52'14.7" E	149.96						04°33'45.0"(LT)	150.00	100.03	50.03
SC	623195.728	600280.481											
CURVE			S 62°56'00.0" E	551.39	34°02'30.0"(LT)	06°05'00.0"	559.59	288.33	941.85				
CS	622944.828	600771.485											
SPIRAL			S 87°03'08.7" E	349.46						10°38'45.0"(LT)	350.00	233.76	117.05
ST	622926.858	601120.486											
LINE			N 89°24'00.0" E	622.27									
PC	622933.375	601742.723											
CURVE			N 89°29'30.0" E	73.33	00°11'00.0"(RT)	00°15'00.0"	73.33	36.67	22918.31				
PT	622934.025	601816.054											
LINE			N 89°35'00.0" E	3296.93									
PC	622958.001	605112.896											
CURVE			N 85°30'06.8" E	217.49	08°09'46.4"(LT)	03°45'00.0"	217.68	109.02	1527.89				
PCC	622975.050	605329.719											
CURVE			N 70°07'06.8" E	359.32	22°36'13.6"(LT)	06°15'00.0"	361.66	183.21	916.73				
PT	623097.254	605667.623											
LINE			N 58°49'00.0" E	135.14									
PC	623167.225	605783.235											
CURVE			N 57°59'30.0" E	164.99	01°39'00.0"(LT)	01°00'00.0"	165.00	82.51	5729.58				
PT	623254.679	605923.145											
LINE			N 57°10'00.0" E	825.77									
TS	623702.408	606616.998											
SPIRAL			N 61°26'33.5" E	399.11						12°50'00.0"(RT)	400.00	267.37	133.97
SC	623893.198	606967.551											
CURVE			N 84°32'30.0" E	448.40	29°05'00.0"(RT)	06°25'00.0"	453.25	231.62	892.92				
CS	623935.850	607413.914											
SPIRAL			N 90°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
ST	623935.850	607413.914											
LINE			S 80°55'00.0" E	30.23									
PC	623931.078	607443.763											
CURVE			S 73°59'56.0" E	220.83	13°50'08.0"(RT)	06°15'00.0"	221.37	111.23	916.73				
PT	623870.204	607656.039											
LINE			S 67°04'52.0" E	58.27									
POT	623847.513	607709.708											

I, Mark A. Parris, PLS, certify that the Project Control was verified 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: Static, OPUS, RTN  
 Dates of survey: 2/2020-3/2020  
 Datum/Epoch: 2010.0000  
 Published/Fixed-control use: N/A  
 Localized around: A0009C-10  
 Northing: 612531.117  
 Easting: 504817.003  
 Combined grid factor: 0.99972236  
 Geoid model: 18 CONUS  
 Units: English

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 3/2020 to 5/2020, 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 21st day of December, 2020.

DocuSigned by:  
  
 F1510C885C7248A  
 Professional Land Surveyor L-4529

REVISIONS

21-1AN-20210012 V:\NC\Survey\022012-14\_A-0009 CON\Survey\Data - Work\Contr-ol Sheets\A0009C-1s\_RW02C-63.dgn jcgordon

### 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.