
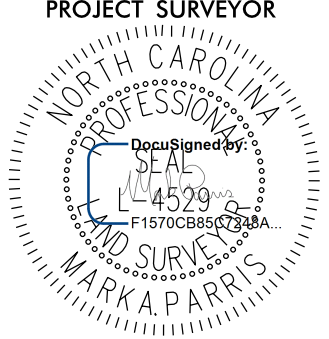


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
A-0009CD	RW02C-58
Location and Surveys	
	
PROJECT SURVEYOR	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT LINE	607503.678	568100.391											
TS	607806.223	568608.923	N 59°15'00.0" E	591.73									
SPIRAL			N 90°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
SC	607806.223	568608.923											
CURVE			N 82°14'00.0" E	894.88	45°58'00.0"(RT)	05°00'00.0"	919.33	486.02	1145.92				
CS	607927.156	569495.590	S 71°26'59.6" E	199.93						05°00'00.0"(RT)	200.00	133.39	66.72
SPIRAL	607863.551	569685.135	S 69°47'00.0" E	2675.51									
ST													
LINE	606938.973	572195.811	S 71°46'59.3" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
TS													
SPIRAL	606876.480	572385.695	N 85°26'00.0" E	614.96	37°34'00.0"(LT)	06°00'00.0"	626.11	324.77	954.93				
SC													
CURVE			N 62°38'59.3" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
CS	606925.443	572998.699	N 62°38'59.3" E	199.90									
SPIRAL	607017.283	573176.255	N 60°39'00.0" E	977.01									
ST													
LINE	607496.161	574027.862	N 62°38'59.3" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
TS													
SPIRAL	607588.001	574205.419	N 79°38'15.0" E	429.22	25°58'30.0"(RT)	06°00'00.0"	432.92	220.24	954.93				
SC													
CURVE			N 83°22'29.3" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
CS	607665.207	574627.637	S 83°22'29.3" E	199.90									
SPIRAL	607642.144	574826.204	S 81°22'30.0" E	956.52									
ST													
LINE	607498.698	575771.902	S 83°22'29.3" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
TS													
SPIRAL	607475.635	575970.470	N 65°49'30.0" E	861.11	53°36'00.0"(LT)	06°00'00.0"	893.33	482.37	954.93				
SC													
CURVE			N 35°01'29.3" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
CS	607828.282	576756.062	N 35°01'29.3" E	199.90									
SPIRAL	607991.983	576870.792	N 33°01'30.0" E	833.40									
ST													
LINE	608690.729	577324.997	N 36°01'27.7" E	299.67						09°00'00.0"(RT)	300.00	200.26	100.24
TS													
SPIRAL	608933.093	577501.242	N 52°32'00.0" E	348.32	21°01'00.0"(RT)	06°00'00.0"	350.28	177.13	954.93				
SC													
CURVE			N 69°02'32.3" E	299.67						09°00'00.0"(RT)	300.00	200.26	100.24
CS	609144.974	577777.704	N 72°02'30.0" E	3548.65									
SPIRAL	609252.160	578057.551	N 72°02'30.0" E	3548.65									
ST													
LINE	610346.299	581433.315	N 70°32'30.3" E	299.92						04°30'00.0"(LT)	300.00	200.06	100.06
TS													
SPIRAL	610446.208	581716.103	N 53°53'30.0" E	901.42	27°18'00.0"(LT)	03°00'00.0"	910.00	463.81	1909.86				
SC													
CURVE			N 37°14'29.7" E	299.92						04°30'00.0"(LT)	300.00	200.06	100.06
CS	610977.425	582444.361	N 37°14'29.7" E	299.92									
SPIRAL	611216.187	582625.864	N 35°44'30.0" E	1195.44									
ST													
LINE	612186.478	583324.160	N 38°14'28.7" E	299.77						07°30'00.0"(RT)	300.00	200.18	100.16
TS													
SPIRAL	612421.922	583509.711	N 56°44'30.0" E	535.02	27°00'00.0"(RT)	05°00'00.0"	540.00	275.11	1145.92				
SC													
CURVE			N 75°14'31.3" E	299.77						07°30'00.0"(RT)	300.00	200.18	100.16
CS	612715.334	583957.096	N 75°14'31.3" E	299.77									
SPIRAL	612791.697	584246.978	N 77°44'30.0" E	1498.79									
ST													
LINE	613109.920	585711.600	N 76°54'30.0" E	199.98						02°30'00.0"(LT)	200.00	133.35	66.68
TS													
SPIRAL	613155.218	585906.386	N 59°57'00.0" E	1208.86	30°35'00.0"(LT)	02°30'00.0"	1223.33	626.62	2291.83				
SC													
CURVE			N 42°59'30.0" E	199.98						02°30'00.0"(LT)	200.00	133.35	66.68
CS	613760.563	586952.763	N 42°59'30.0" E	199.98									
SPIRAL	613906.841	587089.130	N 42°09'30.0" E	405.21									
ST													
LINE	614207.223	587361.102	N 42°49'30.0" E	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
TS													
SPIRAL	614353.902	587497.047	N 47°55'00.0" E	375.56	07°31'00.0"(RT)	02°00'00.0"	375.83	188.19	2864.79				
SC													
CURVE			N 53°00'30.0" E	199.99						02°00'00.0"(RT)	200.00	133.34	66.67
CS	614605.609	587775.779	N 53°00'30.0" E	199.99									
SPIRAL	614725.942	587935.515	N 53°40'30.0" E	621.30									
ST													
LINE	615093.978	588436.078	N 52°50'30.0" E	199.98						02°30'00.0"(LT)	200.00	133.35	66.68
TS													
SPIRAL	615214.772	588595.459	N 33°14'00.0" E	1411.99	35°53'00.0"(LT)	02°30'00.0"	1435.33	742.08	2291.83				
SC													
CURVE			N 13°37'30.0" E	199.98						02°30'00.0"(LT)	200.00	133.35	66.68
CS	616395.825	589369.300	N 13°37'30.0" E	199.98									
SPIRAL	616590.180	589416.409	N 12°47'30.0" E	2009.81									
ST													
LINE	618550.114	589861.395	N 14°47'29.3" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
TS													
SPIRAL	618743.392	589912.431	N 30°15'00.0" E	379.40	22°55'00.0"(RT)	06°00'00.0"	381.94	193.56	954.93				
SC													
CURVE			N 45°42'30.7" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
CS	619071.135	590103.565	N 45°42'30.7" E	199.90									
SPIRAL	619210.728	590246.654	N 47°42'30.0" E	422.48									
ST													
LINE	619495.020	590559.178	N 45°42'30.7" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
TS													
SPIRAL	619634.613	590702.267	N 31°11'00.0" E	348.86	21°03'00.0"(LT)	06°00'00.0"	350.83	177.42	954.93				
SC													
CURVE			N 16°39'29.3" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
CS	619933.071	590882.901	N 16°39'29.3" E	199.90									
SPIRAL	620124.584	590940.205	N 14°39'30.0" E	226.68									
ST													
LINE	620343.887	590997.568	N 16°39'29.3" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
TS													
SPIRAL	620535.400	591054.872	N 41°59'30.0" E	694.79	42°40'00.0"(RT)	06°00'00.0"	711.11	372.95	954.93				
SC													
CURVE			N 67°19'30.7" E	199.90						06°00'00.0"(RT)	200.00	133.41	66.74
CS	621051.800	591519.705	N 67°19'30.7" E	199.90									
SPIRAL	621128.862	591704.156	N 69°19'30.0" E	105.80									
ST													
LINE	621166.216	591803.140	N 65°59'33.1" E	199.73						10°00'00.0"(LT)	200.00	133.55	66.86
TS													
SPIRAL	621247.477	591985.591											
SC													

REVISIONS

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: 584817.003
 Combined grid factor: 0.999772236
 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.

 F1570CB85C7248A
 Professional Land Surveyor L-4529

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.