
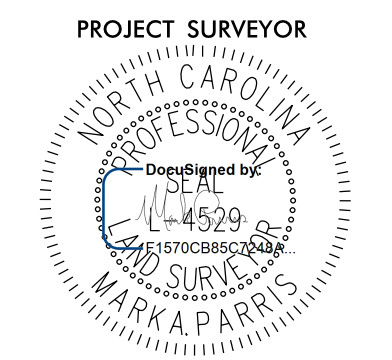


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

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

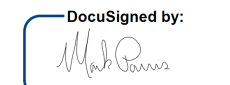
EL POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT LINE	607503.678	568100.391											
TS	607806.223	568608.923	N 59°15'00.0" E	591.73									
SPIRAL SC	607806.223	568608.923	N 90°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
CURVE CS	607927.156	569495.590	N 82°14'00.0" E	894.88	45°58'00.0"(RT)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

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.

DocuSigned by:

 F1570C886C7248A
 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.

REVISIONS