
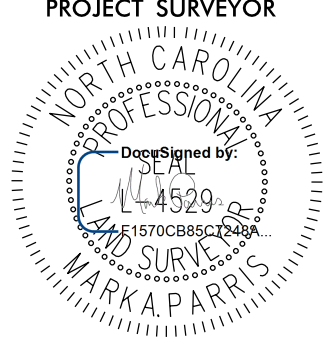


# SURVEY CONTROL SHEET

## W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. A-0009CD	SHEET NO. RW02C-60
<b>Location and Surveys</b>	
	
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
LINE			N 21°01'15.0" W	1077.63									
TS	624110.952	595814.510	N 15°53'56.3" W	299.04						15°22'30.0"(RT)	300.00	200.76	100.69
SPIRAL	624398.554	595732.590											
SC			N 06°04'45.0" E	227.19	23°27'00.0"(RT)	10°15'00.0"	228.78	116.01	558.98				
CURVE													
CS	624624.463	595756.650	N 26°20'51.5" E	249.44						12°48'45.0"(RT)	250.00	167.11	83.73
SPIRAL	624847.995	595867.357											
ST			N 30°37'00.0" E	837.77									
LINE													
PC	625568.973	596294.026	N 18°12'00.0" E	223.99	24°50'00.0"(LT)	11°00'00.0"	225.76	114.68	520.87				
CURVE													
PT	625781.762	596363.987	N 05°47'00.0" E	78.91									
LINE													
PC	625860.267	596371.938	N 46°31'00.0" E	115.04	81°28'00.0"(RT)	65°00'00.0"	125.33	75.91	88.15				
CURVE													
PT	625939.430	596455.408	N 87°15'00.0" E	72.56									
LINE													
POT	625942.911	596527.882											

EY1 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	605123.939	568331.392	N 19°52'00.0" W	772.34									
LINE													
TS	605850.311	568068.927	N 18°42'00.1" W	199.97						03°30'00.0"(RT)	200.00	133.36	66.69
SPIRAL	606039.722	568004.814											
SC			N 00°36'30.0" E	955.87	33°57'00.0"(RT)	03°30'00.0"	970.00	499.71	1637.02				
CURVE													
CS	606995.539	568014.963	N 00°00'00.0" E	0.00						00°00'00.0"(RT)	0.00	0.00	0.00
SPIRAL	606995.539	568014.963											
ST			N 17°35'00.0" E	50.57									
LINE													
TS	607043.747	568030.240	N 15°35'00.7" E	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
SPIRAL	607236.301	568083.942											
SC			N 11°46'07.5" W	757.03	46°42'15.0"(LT)	06°00'00.0"	778.40	412.29	954.93				
CURVE													
CS	607977.418	567929.537	N 39°07'15.7" W	199.90						06°00'00.0"(LT)	200.00	133.41	66.74
SPIRAL	607977.418	567929.537											
ST													

EY2 POINT	N	E	BEARING	DIST
POT	606376.640	567943.210		
LINE			S 79°51'54.5" E	155.16
POT	606349.336	568095.954		

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	606848.675	567645.797	S 50°44'00.0" E	102.59	07°42'00.0"(RT)	07°30'00.0"	102.67	51.41	763.94
CURVE									
PT	606783.743	567725.223	S 46°53'00.0" E	294.91					
LINE									
POT	606582.179	567940.493							

EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	606951.118	567789.285	S 49°45'30.0" E	166.73					
LINE									
PC	606843.406	567916.557	S 64°12'30.0" E	38.13	28°54'00.0"(LT)	75°00'00.0"	38.53	19.69	76.39
CURVE									
PT	606826.817	567950.885	S 78°39'30.0" E	19.94					
LINE									
POT	606822.895	567970.438							

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	607847.825	569260.651	S 89°08'02.5" E	112.52	14°40'05.0"(RT)	13°00'00.0"	112.83	56.73	440.74
CURVE									
PT	607846.124	569373.162	S 81°48'00.0" E	197.97					
LINE									
PC	607817.888	569569.103	N 59°12'30.1" E	62.92	77°58'59.9"(LT)	114°35'29.6"	68.05	40.48	50.00
CURVE									
PT	607850.099	569623.154	N 20°13'00.1" E	33.93					
LINE									
POT	607881.939	569634.880							

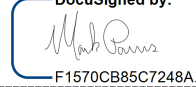
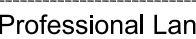
EY6 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	608201.941	569722.672	S 09°55'00.0" W	210.03					
LINE									
PC	607995.052	569686.502	S 14°59'00.0" W	101.20	10°08'00.0"(RT)	10°00'00.0"	101.33	50.80	572.96
CURVE									
PT	607897.291	569660.337	S 20°03'00.0" W	23.13					
LINE									
POT	607875.565	569652.408							

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: 0.99972236  
 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.

  
 Documented by:  
  
 Professional Land Surveyor L-4529

**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.

REVISIONS

- Work-K\Contr-ol Sheets\A00009C-1s-RW02C-60.dgn

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 Jcgordon