
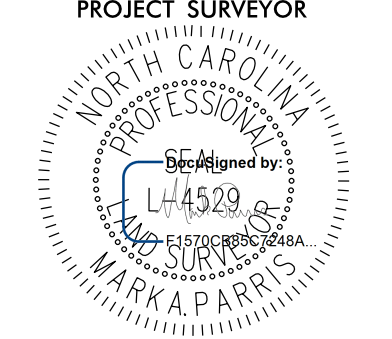


SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. A-0009-C	SHEET NO. RW02C-62
Location and Surveys	
	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

REVISIONS

Work\Control Sheets\A0009C-1s-RW02C-62.dgn

21-1AN-20210410
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CON\Survey\DATA
Jcgor-don
WKS-1503PY-34

EY20										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	617950.675	589725.298	N 83°12'00.0" E	45.76						
LINE										
PC	617956.093	589770.734	N 63°37'55.9" E	30.70	39°08'08.3"(L T)	125°00'00.2"	31.31	16.29	45.84	
CURVE	617969.729	589798.243	N 29°42'25.9" E	45.83	28°42'51.7"(L T)	62°00'00.1"	46.31	23.65	92.41	
PCC	618009.536	589820.955	N 15°21'00.0" E	240.69						
PT										
LINE	618241.636	589884.668	N 15°46'00.0" E	27.78	00°50'00.0"(RT)	03°00'00.0"	27.78	13.89	1909.86	
PC										
CURVE	618268.369	589892.216	N 16°11'00.0" E	52.62						
PT										
LINE	618318.902	589906.882	N 15°31'30.0" E	43.89	01°19'00.0"(L T)	03°00'00.0"	43.89	21.95	1909.86	
PC										
CURVE	618361.189	589918.629	N 14°52'00.0" E	178.51						
PCC	618533.722	589964.429	N 15°06'00.0" E	46.67	00°28'00.0"(RT)	01°00'00.0"	46.67	23.33	5729.58	
PT										
LINE	618578.777	589976.585	N 15°20'00.0" E	224.24						
PC										
CURVE	618795.031	590035.881	N 19°54'11.4" E	52.93	09°08'22.7"(RT)	17°15'00.0"	52.98	26.55	332.15	
PCC	618844.797	590053.899	N 61°36'11.4" E	87.01	74°15'37.3"(RT)	79°30'00.0"	93.41	54.57	72.07	
CURVE	618886.175	590130.437	S 81°16'00.0" E	50.47						
PT										
LINE	618878.512	590180.324	N 71°12'38.0" E	87.17	55°02'44.0"(L T)	60°45'00.1"	90.61	49.14	94.31	
PC										
CURVE	618906.587	590262.844	N 31°37'08.0" E	79.21	24°08'16.0"(L T)	30°15'00.0"	79.79	40.50	189.41	
PCC	618974.035	590304.369	N 19°33'00.0" E	61.89						
CURVE	619032.355	590325.079	N 50°46'30.0" E	99.01	62°27'00.0"(RT)	60°00'00.0"	104.08	57.89	95.49	
PT										
LINE	619094.964	590401.776	N 82°00'00.0" E	65.49						
PC										
CURVE	619104.078	590466.626	N 73°35'55.0" E	74.41	16°48'10.0"(L T)	22°30'00.0"	74.68	37.61	254.65	
PCC	619125.089	590538.010	N 59°20'34.2" E	80.61	11°42'31.5"(L T)	14°30'00.0"	80.75	40.52	395.14	
CURVE	619166.192	590607.353	N 32°37'09.2" E	129.59	41°44'18.5"(L T)	31°30'00.0"	132.50	69.35	181.89	
PCC	619275.344	590677.210	N 11°45'00.0" E	40.71						
CURVE	619315.198	590685.500	N 26°21'36.5" E	132.89	29°13'13.0"(RT)	21°45'00.0"	134.35	68.67	263.43	
PT										
LINE	619434.275	590744.507	N 44°27'06.5" E	132.55	06°57'47.0"(RT)	05°15'00.0"	132.63	66.40	1091.35	
PC										
CURVE	619528.893	590837.331	N 47°56'00.0" E	98.27						
PT										
LINE	619594.733	590910.283	N 42°19'05.4" E	44.41	11°13'49.3"(L T)	25°15'00.0"	44.48	22.31	226.91	
PC										
CURVE	619627.567	590940.179	N 12°37'05.4" E	72.22	48°10'10.7"(L T)	64°45'00.0"	74.39	39.55	88.49	
PCC	619698.044	590955.956	N 11°28'00.0" W	57.01						
CURVE	619753.914	590944.623	N 26°36'00.0" E	82.16	76°08'00.0"(RT)	86°00'00.0"	88.53	52.18	66.62	
PT										
LINE	619827.375	590981.409	N 64°40'00.0" E	53.21						
PC										
CURVE	619850.141	591029.499	N 22°34'20.1" E	98.48	84°11'19.8"(L T)	78°00'00.1"	107.93	66.36	73.46	
PCC	619941.080	591067.302	N 24°31'39.9" E	47.61	10°00'40.2"(L T)	21°00'00.0"	47.67	23.90	272.84	
CURVE	619984.395	591047.537	N 29°32'00.0" W	65.08						
PT										
LINE	620041.018	591015.458	N 28°29'00.0" E	135.94	116°02'00.0"(RT)	71°30'00.0"	162.28	128.32	80.13	
PC										
CURVE	620160.503	591080.288	N 86°30'00.0" E	55.27						
PT										
LINE	620163.877	591135.457	N 49°18'49.8" E	96.19	74°22'20.4"(L T)	72°00'00.0"	103.29	60.37	79.58	
PC										
CURVE	620226.587	591208.400	N 02°49'49.8" E	60.20	18°35'39.6"(L T)	30°45'00.0"	60.47	30.50	186.33	
PCC	620286.718	591211.373	N 06°28'00.0" W	73.71						
CURVE	620359.956	591203.072	N 13°07'53.8" W	88.67	13°19'47.7"(L T)	15°00'00.0"	88.87	44.63	381.97	
PT										
LINE	620446.303	591182.928	N 34°13'53.8" W	86.56	28°52'12.3"(L T)	33°00'00.0"	87.49	44.69	173.62	
PC										
CURVE	620517.871	591134.233	N 48°40'00.0" W	85.01						
PT										
LINE	620574.015	591070.401								
POT										

EY21										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
PC	618500.969	589629.459	S 72°07'00.9" E	117.31	22°07'58.1"(L T)	18°45'00.0"	118.04	59.77	305.58	
CURVE										
PT	618464.946	589741.101	S 83°11'00.0" E	98.99						
LINE										
POT	618453.196	589839.391								

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.

 F197028852748A
 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.