


EXISTING ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. R-5921	SHEET NO. RW02C-10
Location and Surveys	
MATTER & CRAIG ENGINEERS & SURVEYORS 12 BROAD STREET ASHEVILLE, NORTH CAROLINA 28801 (828) 254-2201 FAX (828) 254-4562 NC LIC. NO. C-1154	
PROJECT SURVEYOR 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

I, R.L. Zietlow, PLS, certify that the data compiled came from available surveys/mapping performed by others and provided to me by NCDOT and do not certify to the accuracy or quality of the individual data sources.

This 30th day of August, 2019.

DocuSigned by:

R.L. Zietlow
Professional Land Surveyor L-5235

EY1													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
TS	0.000	0.000											
SPIRAL			N 89°54'19.6" W	199.75						09°39'59.7"(RT)	200.00	133.53	66.85
SC	669238.285	802167.408											
CURVE			N 49°24'12.5" W	663.86	68°06'49.0"(RT)	09°39'59.7"	704.63	400.65	592.72				
PT	669670.279	801663.329											

I40RMPB													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	699102.427	809215.835											
LINE			S 39°37'09.5" E	15.85									
TS	699090.218	809225.942											
SPIRAL			S 36°57'11.2" E	199.83						07°59'59.9"(RT)	200.00	133.47	66.79
SC	698930.531	809346.070											
CURVE			S 12°52'09.6" E	460.43	37°30'00.2"(RT)	07°59'59.9"	468.75	243.12	716.20				
CS	698481.666	809448.621											
SPIRAL			S 11°12'52.1" W	199.83						07°59'59.9"(RT)	200.00	133.47	66.79
ST	698285.655	809409.758											
LINE			S 13°52'50.4" W	1485.40									
POT	696843.634	809053.410											

I40RMPBREV													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	699090.218	809225.942											
LINE			S 39°37'09.6" E	12.44									
TS	699080.636	809233.875											
SPIRAL			S 36°57'11.2" E	199.83						07°59'59.9"(RT)	200.00	133.47	66.79
SC	698920.949	809354.003											
CURVE			S 12°52'09.6" E	460.43	37°30'00.2"(RT)	07°59'59.9"	468.75	243.12	716.20				
CS	698472.084	809456.554											
SPIRAL			S 11°12'52.1" W	199.83						07°59'59.9"(RT)	200.00	133.47	66.79
ST	698472.084	809456.554											

EY8										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	679261.387	804353.164								
LINE			S 81°01'51.0" E	42.34						
PC	679254.786	804394.987								
CURVE			S 89°03'55.4" E	19.57	16°04'08.7"(LT)	81°51'04.0"	19.63	9.88	70.00	
PCC	679254.466	804414.553								
CURVE			N 76°55'47.1" E	53.46	11°56'26.3"(LT)	22°17'38.7"	53.56	26.88	257.00	
PCC	679266.557	804466.630								
CURVE			N 68°07'31.0" E	99.68	05°40'05.9"(LT)	05°41'02.8"	99.72	49.90	1008.00	
PT	679303.696	804559.135								
LINE			N 65°17'28.0" E	200.00						
POT	679387.297	804740.824								

EY9										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	681006.179	803574.096								
LINE			S 81°53'56.6" E	142.96						
PC	680986.034	803715.625								
CURVE			S 83°28'20.2" E	139.89	03°08'47.2"(LT)	02°14'56.1"	139.91	69.97	2547.71	
PT	680970.131	803854.610								
LINE			S 85°02'43.8" E	51.31						
PC	680965.700	803905.726								
CURVE			N 88°08'59.0" E	153.26	13°36'34.4"(LT)	08°51'32.5"	153.62	77.17	646.75	
PT	680970.648	804058.909								
LINE			N 81°20'41.8" E	39.16						
POT	680976.542	804097.628								

I40OLDNC284										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
PC	697839.599	808878.467								
CURVE			S 00°25'29.1" E	1704.69	21°26'00.0"(RT)	01°15'00.0"	1714.67	867.47	4583.66	
PT	696134.960	808891.104								
LINE			S 10°17'30.9" W	204.33						
POT	695933.917	808854.598								

I40RMPB1										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
PC	698880.533	809185.423								
CURVE			S 81°50'16.5" E	177.62	96°08'48.0"(RT)	48°00'00.0"	200.31	132.91	119.37	
PCC	698855.316	809361.241								
CURVE			S 26°26'52.5" E	91.21	14°38'00.0"(RT)	16°00'00.0"	91.46	45.98	358.10	
PT	698773.652	809401.865								

I40RMPB2										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	698358.725	809141.907								
LINE			S 08°22'09.6" E	491.84						
PC	697872.124	809213.496								
CURVE			S 02°45'20.4" W	442.21	22°15'00.0"(RT)	05°00'00.0"	445.00	225.34	1145.92	
PT	697430.426	809192.236								

EY10										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	683301.952	804210.716								
LINE			S 75°10'57.7" E	43.82						
PC	683290.744	804253.082								
CURVE			S 57°29'18.9" E	17.66	35°23'17.6"(RT)	197°11'46.7"	17.95	9.27	29.06	
PCC	683281.252	804267.976								
CURVE			S 31°25'48.0" E	68.85	16°43'44.3"(RT)	24°12'38.7"	69.10	34.80	236.65	
PT	683222.502	804303.879								
LINE			S 23°03'55.8" E	87.53						
POT	683141.970	804338.172								

EY11										
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R	
POT	684153.451	804215.534								
LINE			S 01°57'48.0" E	236.68						
PC	683916.910	804223.642								
CURVE			S 32°09'50.2" E	176.10	60°24'04.4"(LT)	32°43'57.7"	184.53	101.88	175.04	
PT	683767.835	804317.389								
LINE			S 62°21'52.4" E	34.23						
POT	683751.958	804347.712								

EY12													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	688265.117	806189.789											
LINE			S 67°51'25.1" E	75.44									
PC	688236.683	806259.663											
CURVE			S 59°20'11.6" E	15.61	17°02'26.9"(RT)	108°45'08.0"	15.67	7.89	52.68				
PCC	688228.721	806273.092											
CURVE			S 49°27'03.1" E	328.12	02°43'50.0"(RT)	00°49'55.6"	328.15	164.11	6885.61				
PT	688015.411	806522.412											
LINE			S 48°05'08.1" E	120.91									
POT	687934.639	806612.388											

EY13													
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R				
POT	688641.704	805785.834											
LINE			S 86°22'38.5" E	144.02									
PC	688632.604	805929.561											
CURVE			S 85°51'27.3" E	131.57	01°02'22.4"(RT)	00°47'24.2"	131.58	65.79	7252.00				
PT	688623.100	806060.792											
LINE			S 85°20'16.1" E	45.43									
PC	688619.407	806106.074											
CURVE			S 85°37'15.8" E	25.14	00°33'								