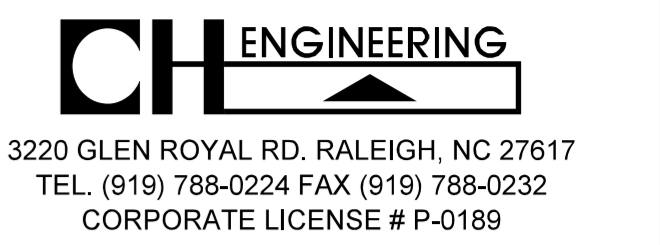


# PROPOSED ALIGNMENT CONTROL SHEET

### Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, Jeffrey S. Coats, 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 10th day of July, 2023.

DocuSigned by:  
**Jeffrey S. Coats**  
#555450102644

Professional Land Surveyor L-3994

L									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445034.575	2011206.469							
LINE			S 86°37'35.1" E	33.00					
POT	445032.633	2011239.411							
LINE			S 86°37'35.1" E	1911.30					
PC	444920.160	2013147.404							
CURVE			N 65°35'03.2" E	1212.18	55°34'43.2"(LT)	04°24'26.5"	1261.04	685.10	1300.00
PT	445421.220	2014251.176							
LINE			N 37°47'41.6" E	840.39					
POT	446085.300	2014766.195							

OUTLET				
POINT	N	E	BEARING	DIST
POT	443668.808	2011701.258		
LINE			S 45°26'29.0" W	208.04
POT	443522.836	2011553.020		
LINE			S 26°40'44.1" W	599.89
POT	442986.817	2011283.677		
LINE			S 26°43'23.2" W	598.76
POT	442452.012	2011014.428		
LINE			S 22°30'43.9" E	590.23
POT	441906.762	2011240.414		

RND									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	444858.453	2013190.889							
CURVE			N 42°30'28.1" E	84.85	90°00'00.0"(LT)	95°29'34.7"	94.25	60.00	60.00
PCC	444921.005	2013248.223							
CURVE			N 47°29'31.9" W	84.85	90°00'00.0"(LT)	95°29'34.7"	94.25	60.00	60.00
PCC	444978.339	2013185.671							
CURVE			S 42°30'28.1" W	84.85	90°00'00.0"(LT)	95°29'34.7"	94.25	60.00	60.00
PCC	444915.787	2013128.336							
CURVE			S 47°29'31.9" E	84.85	90°00'00.0"(LT)	95°29'34.7"	94.25	60.00	60.00
PT	444858.453	2013190.889							

RND1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	444982.634	2011917.670							
CURVE			S 50°11'50.5" E	70.71	90°00'00.0"(LT)	114°35'29.6"	78.54	50.00	50.00
PCC	444937.368	2011971.994							
CURVE			N 39°48'09.5" E	70.71	90°00'00.0"(LT)	114°35'29.6"	78.54	50.00	50.00
PCC	444991.692	2012017.259							
CURVE			N 50°11'50.5" W	70.71	90°00'00.0"(LT)	114°35'29.6"	78.54	50.00	50.00
PCC	445036.957	2011962.935							
CURVE			S 39°48'09.5" W	70.71	90°00'00.0"(LT)	114°35'29.6"	78.54	50.00	50.00
PT	444982.634	2011917.670							

Y									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	444295.111	2011353.784							
LINE			N 45°49'51.5" E	599.51					
PC	444712.839	2011783.808							
CURVE			N 35°49'35.9" E	138.98	20°00'31.2"(LT)	14°19'26.2"	139.69	70.56	400.00
PT	444825.521	2011865.157							
LINE			N 25°49'20.3" E	51.29					
PC	444871.688	2011887.497							
CURVE			N 32°59'20.1" E	179.65	14°19'59.7"(RT)	07°57'27.9"	180.12	90.53	720.00
PCC	445022.372	2011985.311							
CURVE			N 21°48'04.1" E	179.49	36°42'31.7"(LT)	20°06'13.6"	182.60	94.56	285.00
PT	445189.025	2012051.971							
LINE			N 03°26'48.2" E	293.50					
PC	445481.996	2012069.616							
CURVE			N 30°13'04.0" E	481.96	53°32'31.7"(RT)	10°42'34.2"	499.95	269.91	535.00
PT	445898.464	2012312.180							
LINE			N 56°59'19.9" E	82.85					
PC	445943.602	2012381.656							
CURVE			N 30°46'52.1" E	476.96	52°24'55.6"(LT)	10°36'37.2"	494.00	265.00	540.00
PT	446353.369	2012625.743							
LINE			N 04°34'24.3" E	282.39					
PC	446634.857	2012648.260							
CURVE			N 26°33'50.9" E	400.67	43°58'53.3"(RT)	10°42'34.2"	410.68	216.05	535.00
PT	446993.228	2012827.439							
LINE			N 48°33'17.6" E	322.01					
POT	447206.367	2013068.814							

Y1									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	444964.375	2012397.343							
LINE			S 03°37'13.8" W	125.09					
PC	444839.539	2012389.444							
CURVE			S 09°50'24.5" W	108.34	12°26'21.3"(RT)	11°27'33.0"	108.55	54.49	500.00
PT	444732.793	2012370.929							
LINE			S 16°03'35.1" W	641.93					
PC	444115.917	2012193.346							
CURVE			S 38°33'27.3" W	65.12	44°59'44.3"(RT)	67°20'07.8"	66.82	35.24	85.09
PCC	444064.995	2012152.758							
CURVE			S 53°25'42.8" W	89.95	15°15'13.1"(LT)	16°54'28.8"	90.22	45.38	338.87
PT	444011.401	2012080.518							
LINE			S 45°48'06.3" W	510.74					
POT	443655.342	2011714.352							

Y2									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445257.147	2013283.867							
LINE			S 26°32'39.4" W	65.29					
PC	445198.735	2013254.687							
CURVE			S 13°19'36.3" W	288.10	26°26'06.3"(LT)	09°05'40.4"	290.67	147.97	630.00
PT	444918.396	2013188.280							

Y2A									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	444918.396	2013188.280							
LINE			S 05°07'49.0" W	107.19					
PC	444811.635	2013178.695							
CURVE			S 49°06'36.1" W	83.33	87°57'34.4"(RT)	95°29'34.7"	92.11	57.90	60.00
PT	444757.088	2013115.701							
LINE			N 86°54'36.7" W	89.00					
POT	444761.885	2013026.834							

Y3				
POINT	N	E	BEARING	DIST
POT	445199.877	2013547.434		
LINE			S 12°37'36.9" W	260.65
POT	444945.528	2013490.455		

Y3A				
POINT	N	E	BEARING	DIST
POT	445329.360	2013839.619		
LINE			S 75°39'19.3" E	273.44
POT	445261.615	2014104.531		

Y4				
POINT	N	E	BEARING	DIST
POT	445350.643	2014192.332		
LINE			S 62°10'45.7" E	200.79
POT	445256.932	2014369.916		

Y5									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445030.615	2013753.372							
LINE			S 24°02'03.4" E	48.40					
PC	444986.409	2013773.085							
CURVE			S 09°39'00.6" E	149.05	28°46'05.6"(RT)	19°05'54.9"	150.63	76.94	300.00
PT	444839.466	2013798.071							
LINE			S 04°44'02.2" W	27.44					
POT	444812.120	2013795.807							

Y6				
POINT	N	E	BEARING	DIST
POT	445608.721	2014120.610		
LINE			S 75°31'51.9" E	237.49
POT	445549.382	2014350.571		

Y7									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	445836.643	2014285.470							
LINE			S 53°11'20.5" E	216.40					
PC	445706.982	2014458.722							
CURVE			S 52°27'07.4" E	175.18	01°28'26.1"(RT)	00°50'28.8"	175.19	87.60	6810.04
PT	445600.223	2014597.613							
LINE			S 51°42'54.4" E	7.55					
POT	445595.544	2014603.541							

Y8									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	446013.933	2014444.227							