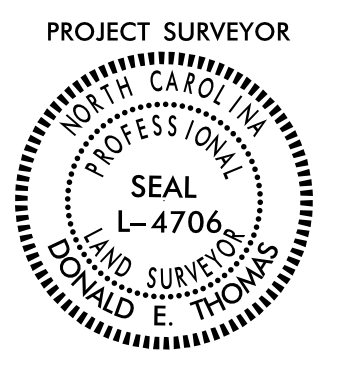


RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R-5021	RW03E-1

ESP ASSOCIATES, INC
211 RACINE DRIVE, SUITE 101
WILMINGTON, NC 28403



I, Donald E. Thomas, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 01/08/2020 to 04/24/2020, and all coordinates are based on NAD83/2011; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 24th day of April, 2020.

Donald E. Thomas
Professional Land Surveyor L-4706

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	48+25.52	84.00	82698.0435	2260726.3717
L	48+27.51	40.00	82739.9155	2260740.0355
L	48+48.29	-50.00	82821.1036	2260784.0812
L	48+50.22	-136.00	82903.4739	2260808.8742
L	59+20.51	110.00	82405.7012	2261781.1622
L	65+45.00	-110.00	82450.9138	2262441.7285
L	66+55.00	-80.00	82392.6239	2262539.7197
L	69+02.54	110.00	82143.4110	2262727.5204
L	72+71.26	110.00	82044.9308	2263082.8424
L	77+18.37	110.00	81925.5112	2263513.7152
L	77+53.15	-80.00	82099.3213	2263597.9722
L	77+63.63	155.51	81869.5670	2263545.1689
L	83+60.00	-100.00	81956.5108	2264188.1221
L	87+78.06	-100.00	81844.8526	2264590.9910
L	88+37.76	-90.00	81819.2701	2264645.8534
L	90+38.08	-51.00	81728.1823	2264828.4847
L	90+38.11	-90.00	81765.7590	2264838.9247
L	91+37.00	-51.00	81701.7628	2264923.8078
L	91+97.00	-51.00	81685.7374	2264981.6281
L	93+75.40	-51.00	81638.0892	2265153.5457
L	94+14.40	-90.00	81665.2560	2265201.5453
L	100+85.00	-90.00	81486.1457	2265847.7852
L	124+00.00	-90.00	80867.8350	2268078.6857
L	135+00.00	-90.00	80574.0372	2269138.7248
L	148+00.00	-90.00	80226.8217	2270391.4982
L	149+50.00	-102.00	80198.3235	2270539.2503
L	151+55.00	-102.00	80143.5701	2270736.8038
L	153+50.00	-95.00	80084.7406	2270922.8551
L	160+50.00	-95.00	79897.7800	2271597.4197
L	161+00.00	-102.00	79891.1697	2271647.4787
L	168+00.00	-102.00	79704.2075	2272322.0489
L	172+50.00	-96.00	79578.2352	2272754.0996
L	186+00.00	-120.00	79240.7934	2274061.4665
L	191+50.00	-120.00	79093.8944	2274591.4866
L	203+50.00	-102.00	78756.0421	2275743.0840
L	204+87.64	-102.00	78719.2802	2275875.7227
L	205+47.64	-107.00	78708.0733	2275934.8785
L	213+00.00	-107.00	78507.1267	2276659.9051
L	213+50.00	-112.00	78498.5903	2276709.4251
L	218+00.00	-112.00	78378.4004	2277143.0775
L	218+25.00	-90.00	78350.5223	2277161.2933
L	224+69.70	-90.00	78178.3304	2277782.5716
L	224+69.70	106.00	77989.4507	2277730.2222
L	228+49.19	-90.00	78070.4045	2278149.3415
L	231+39.00	-90.00	77988.1779	2278424.9690
L	232+20.96	-105.00	77980.5863	2278507.2853
L	233+05.11	-61.00	77915.7249	2278576.5604
L	237+94.78	-61.00	77784.9382	2279048.4463
L	237+95.29	-90.00	77812.7505	2279056.6760
L	238+00.00	94.00	77612.8088	2279089.1678
L	240+39.40	-90.00	77747.5493	2279291.9257
L	244+18.89	-90.00	77652.7076	2279656.4160
L	247+98.38	-90.00	77556.4325	2280026.4149
L	254+50.00	-90.00	77382.3928	2280654.3602
L	255+50.00	-120.00	77384.5940	2280758.7400
L	256+50.00	-120.00	77357.8851	2280855.1072
L	257+50.00	-90.00	77302.2661	2280943.4617
L	270+00.00	-90.00	76968.4050	2282148.0516
L	271+00.00	106.00	76752.8164	2282192.0694
L	271+00.00	-120.00	76970.6063	2282252.4315
L	271+75.00	140.00	76700.0199	2282255.2638
L	272+00.00	-120.00	76943.8974	2282348.7987
L	272+50.00	140.00	76679.9882	2282327.5392
L	273+00.00	-90.00	76888.2783	2282437.1532
L	273+25.00	106.00	76692.7214	2282408.8956
L	288+00.00	-90.00	76487.6450	2283882.6610
L	296+49.93	115.00	76063.0850	2284646.9630
L	296+50.58	104.80	76072.7378	2284650.3134
L	302+00.00	115.00	75916.1679	2285177.0485
L	304+50.00	-90.00	76046.9484	2285472.7197
L	305+00.00	-100.00	76043.2307	2285523.5742
L	308+49.82	110.00	75747.4262	2285804.5984
L	309+33.64	110.00	75725.0404	2285885.3677
L	310+22.50	-108.00	75910.4184	2286030.4583

L	312+68.77	110.00	75629.0356	2286200.6237
L	312+89.47	-100.00	75821.7930	2286286.4890
L	314+88.28	-100.00	75759.0949	2286475.1535
L	314+88.28	127.00	75543.6788	2286403.5652
L	316+30.00	130.00	75496.7287	2286540.2195
L	317+00.00	120.00	75485.6167	2286611.3721
L	317+00.00	-100.00	75696.4958	2286674.0617
L	317+50.00	-100.00	75682.6412	2286721.3173
L	318+29.05	95.00	75473.5013	2286744.3245
L	318+87.75	-100.00	75645.8330	2286852.8223
L	322+03.40	-90.00	75552.1458	2287154.4142
L	322+62.04	-95.00	75541.3518	2287212.2665
L	323+46.26	95.00	75335.7858	2287242.8550
L	324+07.19	110.00	75305.1030	2287297.5930
L	325+36.08	-95.00	75468.3814	2287476.4195
L	325+50.00	110.00	75267.0766	2287435.2487
L	325+90.00	140.00	75227.5088	2287465.8165
L	327+07.35	140.00	75196.2620	2287578.9300
L	327+07.35	75.71	75258.2292	2287596.0480
L	332+50.00	-95.00	75278.2867	2288164.5629
L	339+33.09	-90.00	75091.5808	2288821.6609
L	348+18.33	77.71	74694.2120	2289630.2820
L	350+00.00	100.00	74624.3539	2289799.4626
L	352+00.00	-73.10	74737.9507	2290038.3336
L	352+80.00	100.00	74549.7977	2290069.3560
L	353+49.05	-98.53	74722.7727	2290188.7710
L	354+37.64	-84.93	74686.0732	2290270.5419
L	354+50.00	-73.80	74672.0573	2290279.4945
L	356+44.53	90.04	74462.3336	2290423.3802
L	356+46.89	75.65	74475.5783	2290429.4785
L	358+74.20	83.77	NOT SET IN POWER BOX	
L	358+75.73	75.31	74414.9706	2290650.1467
L	359+48.57	-73.85	74539.3504	2290760.0800
L	360+12.03	80.00	74374.1576	2290780.2854
L	361+26.11	95.00	74329.1623	2290884.9772
L	361+32.40	-80.00	74495.4774	2290939.7835
L	365+00.00	95.00	74216.5052	2291235.6834
L	365+03.51	-80.92	74381.1915	2291297.6434
L	365+03.60	-80.00	74380.2931	2291297.4201
L	365+30.22	-88.01	74378.7876	2291325.5146
L	365+40.37	-59.14	74348.1497	2291325.4042
L	367+00.00	110.00	74134.0087	2291415.0177
L	369+00.00	110.00	74059.9993	2291597.1524
L	369+00.00	-105.00	74257.9104	2291681.1536
L	370+00.00	98.34	74031.5529	2291692.0603
LREV	373+42.66	-104.58	74055.8664	2292091.0224
LREV	374+39.29	85.00	73843.2485	2292073.9041
LREV	374+76.00	-67.94	73953.2247	2292186.3493
LREV	382+06.97	-115.05	73604.2591	2292830.3733
LREV	384+37.13	85.00	73312.4260	2292918.8350
LREV	385+28.32	-94.07	73413.9747	2293092.7393
LREV	387+41.70	-115.19	73299.8197	2293285.4758
L	392+00.00	-115.00	72995.6077	2293634.9051
L	393+00.00	-100.00	72915.2737	2293698.6233
L	396+00.00	-100.00	72701.4718	2293914.7075
L	398+20.00	-90.00	72532.5285	2294060.2685
L	401+59.48	-55.00	72251.5339	2294259.6036
L	401+59.48	-90.00	72273.9772	2294286.4606
L	405+73.20	-55.00	71924.5362	2294517.8866
L	405+85.25	-68.25	71922.7070	2294535.7700
L	406+50.00	-68.25	71870.1053	2294574.5289
L	406+65.00	-55.00	71850.0797	2294572.7265
L	407+94.66	-55.76	71743.1428	2294649.0715
L	424+09.25	-76.30	70277.3566	2295348.4340
L	426+75.11	37.00	69988.4839	2295340.0931
L	426+93.45	-60.00	69806.8531	2295437.0868
L	428+07.00	-60.00	69901.1478	2295478.5724
L	429+23.78	-46.50	69787.5047	2295508.6709
L	430+02.82	-40.63	69711.7841	2295532.0850
L	430+03.16	-46.50	69713.6106	2295537.6717
L	430+11.05	37.00	69675.7675	2295462.8233

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
YREV	10+16.74	-85.52	84075.8806	2263699.1479
YREV	10+20.32	-29.96	84070.5055	2263643.7242
YREV	10+84.55	-85.00	84006.1860	2263699.7767
YREV	10+84.55	30.04	84005.1481	2263584.7423
YREV	10+84.55	70.00	84004.7875	2263544.7830
YREV	10+84.55	-29.96	84005.6894	2263644.7398
YREV	12+61.41	-85.00	83829.3346	2263701.3724
YREV	12+61.41	70.00	83827.9361	2263546.3787
YREV	13+97.39	-86.88	83693.3724	2263704.4807
YREV	14+42.91	66.76	83646.2812	2263551.2745
YREV	16+67.00	75.00	83417.5305	2263553.1043
YREV	18+11.07	-107.51	83292.4705	2263748.5938
YREV	18+49.06	74.14	83232.6510	2263572.9620
YREV	20+13.46	-82.48	83094.0878	2263752.6134
YREV	20+20.64	-115.84	83093.0894	2263786.6777
YREV	22+01.30	-123.00	82923.7133	2263828.9948
YREV	27+12.73	190.00	82386.3454	2263590.7491
YREV	27+15.79	165.76	82384.0792	2263572.6361
YREV	37+09.51	182.57	81505.0389	2263407.0754
YREV	38+51.28	-53.75	81273.5091	2263552.2074
YREV	40+85.11	-53.75	81139.3913	2263469.2428
YREV	45+91.31	-53.75	80627.0237	2263220.7797

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
YA	12+57.65	-70.00	81902.9774	2263045.2339
YA	15+58.70	85.00	81599.4627	2262900.4457
YA	19+40.63	-70.00	81380.6674	2263242.9667
YA	19+40.63	85.00	81251.7003	2263156.9871
YA	20+22.96	85.00	81206.0293	2263225.4924
YA				