RIGHT OF WAY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
R5020B	RRW03E-1

Location and Surveys

KCI Associates of N.C., P.A.
4505 Falls of Neuse Rd, Suite 400
Raleigh, NC 27609
Phone (919) 783-9214
http://www.kci.com

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-3860 LAND SURVEYOR JAMES M. GELLENTHIN

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I , JAMES M GELLENTHIN , 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 03-16-2020 to 03-19-2020, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 16TH day of APRIL, 2020.

Professional Land Surveyor L-3860

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	176+95.00	65.00	209333.2976	2088335.0650
L	178+00.00	50.00	209438.3715	2088320.5916
L	181+35.00	51.00	209773.9571	2088322.5922
L	181+45.00	-71.74	209783.0708	2088199.7871
L	182+97.00	67.50	209937.1405	2088336.6889
L	184+00.00	50.00	210040.2150	2088316.2971
L	186+63.88	50.00	210305.1187	2088304.0159
L	186+67.08	-50.00	210302.3558	2088204.0026
L	187+03.79	-50.00	210338.8137	2088201.7511
L	187+29.00	-51.71	210363.7274	2088198.4240
L	189+25.00	-50.00	210558.9788	2088186.0802
L	192+45.00	-50.00	210878.1230	2088162.6923
L	193+85.00	-50.00	211017.7485	2088152.4601
L	199+68.00	-50.00	211599.1893	2088109.8503
L	202+05.00	-50.00	211835.5555	2088092.5286
L	204+55.00	-50.00	212084.8869	2088074.2569
L	205+95.00	-50.00	212224.5125	2088064.0247
L	209+20.00	-50.00	212549.8505	2088042.4504
L	210+50.00	-50.00	212679.7497	2088035.8613
L	222+65.00	61.14	213898.8164	2088085.3860
L	223+15.00	65.00	213948.9478	2088086.7144
L	227+20.00	-50.00	214347.6110	2087951.3717
L	227+94.29	65.00	214427.6286	2088062.4657
L	229+65.00	65.00	214598.3162	2088053.7797
L	229+81.23	-50.00	214608.2411	2087938.0632
L	229+81.23	-50.00	214608.2411	2087938.0632
L	229+88.78	59.61	214621.9438	2088047.0787
L	234+35.00	-51.00	215060.3597	2087903.8593
L	235+47.15	-50.00	215173.0136	2087898.5449
L	235+49.80	50.00	215180.7152	2087998.2830
L	239+55.00	50.00	215586.8401	2087972.7471
L	240+65.00	50.00	215697.0527	2087962.5142
L	243+04.74	50.00	215936.7050	2087934.9679
L	243+55.00	50.00	215986.5438	2087928.4813
L	243+70.00	65.00	216003.3543	2087941.4199
L	244+40.00	65.00	216072.7688	2087932.3854
L	245+55.00	50.00	216184.8711	2087902.6686
L	247+40.00	50.00	216368.3238	2087878.7919
L	247+40.00	58.00	216369.3563	2087886.7250
L	251+35.00	58.00	216761.0527	2087835.7450
L	251+55.00	50.00	216779.8529	2087825.2306
L	253+75.00	50.00	216998.0129	2087796.8367

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y17	11+85.00	-26.38	209293.1087	2088053.1478
Y17	11+85.00	-40.00	209306.7290	2088053.1751
Y17	13+05.00	-40.00	209306.4881	2088173.1749
Y17	13+27.85	-62.55	209328.9944	2088196.0728
Y17	15+00.00	-40.00	209306.0965	2088368.1745
Y17	15+61.00	-40.00	209305.9741	2088429.1744
Y17	15+61.00	-25.31	209291.2833	2088429.1449

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y18	12+35.00	-26.28	209886.9789	2088154.8303
Y18	12+35.00	23.73	209836.9964	2088156.2945
Y18	12+82.29	-65.02	209927.0869	2088200.9651

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y19	11+00.00	35.00	209830.6928	2088371.1340
Y19	11+00.00	-35.00	209900.6838	2088370.0082
Y19	12+15.00	-35.00	209902.5333	2088484.9933
Y19	12+15.00	-24.96	209892.4984	2088485.1547
Y19	12+15.00	35.00	209832.5424	2088486.1191
Y19	12+15.00	25.04	209842.5049	2088485.9589

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y21	11+85.00	26.13	210465.7664	2088049.0448
Y21	11+85.00	30.00	210461.9031	2088049.1949
Y21	11+85.00	-23.87	210515.7336	2088047.1027
Y21	11+85.00	-30.00	210521.8579	2088046.8647
Y21	12+95.00	30.00	210466.1753	2088159.1119
Y21	12+95.00	-30.00	210526.1300	2088156.7817
Y21	13+14.16	43.77	210453.1633	2088178.7944
Y21	14+38.01	49.52	210452.2217	2088302.7691
Y21	14+80.00	22.86	210480.4953	2088343.6950

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y22	11+80.00	23.20	210919.1433	2088038.6626
Y22	11+80.00	-26.80	210969.0910	2088036.3696
Y22	12+75.00	40.00	210906.7165	2088134.3331
Y22	12+75.00	-40.00	210986.6323	2088130.6644

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y24	11+15.00	24.71	211729.4896	2087863.8131
Y24	11+15.00	35.00	211719.2061	2087864.2349
Y24	11+15.00	-35.00	211789.1473	2087861.3662
Y24	11+15.00	-25.29	211779.4476	2087861.7640
Y24	13+00.00	-35.00	211796.7290	2088046.2107
Y24	13+05.00	35.00	211726.9927	2088054.0753
Y24	13+37.22	63.52	211699.8202	2088087.4355
Y24	14+64.57	-65.64	211834.0927	2088209.3911
Y24	14+68.59	59.29	211709.4264	2088218.5187
Y24	14+95.00	35.00	211734.7794	2088243.9157
Y24	15+00.00	-30.00	211799.9297	2088246.2476
Y24	16+85.00	35.00	211742.5660	2088433.7561
Y24	16+85.00	24.92	211752.6347	2088433.3431
Y24	16+85.00	-25.08	211802.5909	2088431.2940
Y24	16+85.00	-30.00	211807.5114	2088431.0922

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y25	11+10.00	35.00	212126.4377	2087922.4922
Y25	11+10.00	25.29	212136.1453	2087922.6273
Y25	11+14.33	-35.00	212196.3707	2087927.7914
Y25	11+15.23	-24.72	212186.0819	2087928.5552
Y25	12+25.89	-35.00	212194.8182	2088039.3477
Y25	12+30.00	35.00	212124.7678	2088042.4805

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y26	11+30.00	-22.49	212643.6162	2087910.9032
Y26	11+30.00	-30.00	212651.1243	2087911.0045
Y26	12+30.00	27.37	212592.4152	2088010.2215
Y26	12+30.00	-35.00	212654.7747	2088011.0629

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y27	10+65.00	-46.62	214223.7870	2088072.7918
Y27	10+65.00	43.57	214133.7109	2088077.3548
Y27	10+85.00	25.40	214152.8311	2088096.2201

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y28	14+30.00	33.08	214485.0482	2087887.1490
Y28	14+33.02	-28.98	214547.1862	2087887.5243
Y28	14+33.02	-33.96	214552.1590	2087887.3160
Y28	16+48.84	-46.00	214570.2073	2088103.2631
Y28	19+70.00	-46.00	214578.7015	2088424.3065
Y28	20+68.00	-35.47	214570.7715	2088522.5506

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y29	10+24.65	-40.00	215256.5156	2087773.0687
Y29	10+25.18	40.00	215179.6692	2087795.3153
Y29	11+05.00	40.00	215201.3486	2087872.1306
Y29	11+42.54	-40.00	215288.5375	2087886.5294
Y29	12+37.26	44.21	215225.8574	2087995.9962
Y29	12+45.26	-45.50	215315.8088	2087991.4322
Y29	13+15.00	25.48	215255.2236	2088070.3706
Y29	13+15.00	-24.52	215304.7376	2088063.4162

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y30	13+55.00	-37.47	215681.3126	2087981.7036
Y30	13+65.00	35.00	215608.8644	2087991.8520
Y30	14+85.00	30.00	215614.1101	2088111.8415
Y30	14+85.00	21.35	215622.7607	2088111.8238

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y31	12+25.00	-50.00	216140.9741	2087346.4451
Y31	12+25.00	-29.40	216121.4924	2087339.7387
Y31	14+80.00	-50.00	216090.4470	2087583.3782
Y31	14+80.00	-60.00	216100.4077	2087584.2638
Y31	15+10.00	-35.00	216073.3506	2087610.9686
Y31	15+10.00	-50.00	216088.3235	2087611.8696
Y31	16+75.00	-35.00	216070.6169	2087774.1203
Y31	16+95.77	-64.85	216100.2853	2087795.1373
Y31	17+12.90	55.00	215980.2995	2087811.2610

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y31A	11+19.89	-27.14	215983.1599	2087473.1068

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
Y32	10+80.00	34.04	217045.6888	2087826.3357

NOTES:

1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03-16-2020 TO 03-19-2020 .

REVISIONS

6/2/99

16-APR-2020 08:01
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mallen@kci.com
NCDOT - Survey\A-R5020B RW Staking\DRAWINGS\r-5020b_ls_rrw03e-1.dgn
AT 12-2VXPIG2