



PROPOSED ALIGNMENT CONTROL SHEET

PROJECT REFERENCE NO. R-5819R-5820	SHEET NO. RW02D-1
Location and Surveys	
 <small>NV5 ENGINEERS & CONSULTANTS, INC. 3300 REGENCY PARKWAY, SUITE 100 CARY, NC 27518 P 919.851.1912 www.nv5.com</small>	
	
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I, C. Andrew Heath, Jr., 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 14th day of March, 2022.

DocuSigned by:
C. Andrew Heath, Jr.
202104080927476
Professional Land Surveyor L-3281

REVISIONS

LEB

TYPE	STATION	NORTH	EAST
PC	10+00.00	211294.3813	2140101.4813
PT	23+74.29	211295.3647	2141475.6870
POT	39+47.20	211327.1626	2143048.2756

LWB

TYPE	STATION	NORTH	EAST
PC	10+00.00	211431.3044	2140108.6526
PT	32+94.30	211402.1200	2142402.3538
POT	39+38.57	211415.1445	2143046.4907

L

TYPE	STATION	NORTH	EAST
POT	10+00.00	211371.1536	2143047.3831
PC	96+00.63	211545.0240	2151646.2596
PT	123+71.25	210942.5372	2154323.0321

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	208569.8887	2144273.3715
PC	17+23.41	209293.2732	2144267.1039
PRC	19+63.45	209533.2905	2144264.0613
PRC	20+79.42	209649.2483	2144262.2728
PCC	22+44.35	209814.1491	2144259.2265
PRC	27+74.67	210344.3106	2144246.1396
PT	32+63.00	210832.5135	2144235.2085
PC	33+24.07	210892.8436	2144244.6801
PT	33+65.52	210934.1673	2144246.8346
PC	42+86.22	211853.6424	2144199.3983
PT	43+27.67	211894.9661	2144201.5529
POT	43+90.73	211957.2589	2144211.3326
PC	46+67.04	212233.4994	2144205.2491
PCC	47+93.29	212359.6884	2144201.2810
PCC	50+42.64	212607.0380	2144171.8147
PT	54+02.25	212959.0842	2144098.4872
POT	58+39.24	213386.0689	2144005.5035

Y1A

TYPE	STATION	NORTH	EAST
POT	10+00.00	207932.1790	2144191.6833
PC	12+55.73	208157.8292	2144312.0220
PT	15+61.26	208452.9316	2144324.0192
POT	16+88.71	208569.8887	2144273.3715

Y1ROUND1

TYPE	STATION	NORTH	EAST
PC	10+00.00	210883.8843	2144243.2735
PCC	10+62.91	210843.1151	2144286.1164
PCC	11+54.30	210780.5226	2144236.1780
PCC	12+24.36	210820.0416	2144184.7263
PT	13+26.73	210883.8843	2144243.2735

Y1ROUND2

TYPE	STATION	NORTH	EAST
PC	10+00.00	212009.1791	2144210.1892
PCC	10+70.23	211969.6811	2144261.8270
PCC	11+72.65	211905.8254	2144203.2577
PCC	12+35.97	211947.0225	2144160.3532
PT	13+26.73	212009.1791	2144210.1892

Y1RPA

TYPE	STATION	NORTH	EAST
POT	10+00.00	211502.7653	2146192.6534
TS	12+97.75	211512.3341	2145895.0552
SC	15+37.75	211526.1905	2145655.5188
CS	21+03.51	211687.2977	2145116.4191
ST	23+43.51	211807.1441	2144908.5572
TS	23+43.51	211807.1442	2144908.5570
SC	25+83.51	211919.4241	2144696.8455
PRC	29+17.77	211955.9659	2144368.2155
PT	30+10.29	211973.9811	2144279.3059
POT	30+80.29	211957.2589	2144211.3326

Y1RPB

TYPE	STATION	NORTH	EAST
TS	10+00.00	211420.9282	2142064.2642
SC	11+00.00	211424.6243	2142244.2190
PT	20+59.72	211587.7251	2143105.4865
TS	27+33.30	211825.7044	2143735.6194
SC	29+13.30	211886.4941	2143905.0154
PT	30+81.66	211928.4732	2144067.9747
POT	32+27.88	211957.2589	2144211.3326

Y1RPC

TYPE	STATION	NORTH	EAST
POT	10+00.00	211287.0491	2142251.6143
TS	13+01.89	211277.3472	2142553.3502
SC	15+41.89	211263.4908	2142792.8867
CS	21+07.70	211102.3605	2143332.0316
ST	23+47.70	210982.5074	2143539.8896
TS	23+47.70	210982.5074	2143539.8896
SC	25+87.70	210870.2427	2143751.6078
PRC	29+20.02	210833.7396	2144078.3422
PT	30+12.54	210815.7244	2144167.2517
POT	30+82.54	210832.5135	2144235.2085

Y1RPD

TYPE	STATION	NORTH	EAST
POT	10+00.00	211370.0558	2146356.7642
TS	10+46.69	211369.1120	2146310.0862
SC	12+26.69	211363.4914	2146130.1831
CS	19+77.74	211220.6248	2145395.2931
ST	21+57.74	211158.4487	2145226.3820
TS	26+90.83	210968.7702	2144728.1741
SC	28+70.83	210907.9805	2144558.7781
PT	30+28.03	210868.2378	2144406.7533
POT	32+03.25	210832.5135	2144235.2085

Y2

TYPE	STATION	NORTH	EAST
POT	10+00.00	208525.2239	2150995.2244
PC	17+51.06	209276.2735	2150991.2750
PCC	18+97.16	209422.3757	2150991.2159
PRC	26+10.07	210135.2451	2150997.7954
PRC	34+61.55	210986.7070	2150998.6664
PT	36+29.15	211154.2957	2150997.2232
PC	66+34.93	214160.0336	2150981.4141
PCC	77+19.06	215151.4201	2150603.4433
PCC	80+55.14	215403.1779	2150380.7965
PT	81+16.06	215448.7181	2150340.3422
POT	83+58.76	215629.9510	2150178.9175

Y3

TYPE	STATION	NORTH	EAST
PC	10+00.00	208568.7084	2143541.8964
PT	13+43.13	208569.1867	2143885.0237
PC	16+07.89	208569.9083	2144149.7865
PCC	21+65.77	208564.1653	2144707.6152
PT	23+92.29	208558.3794	2144934.0668

Y3ROUND

TYPE	STATION	NORTH	EAST
PC	10+00.00	208569.9838	2144221.3716
PCC	10+81.14	208621.8867	2144272.9210
PCC	11+63.49	208569.6673	2144325.3710
PCC	12+23.70	208522.1708	2144294.0355
PT	13+26.73	208569.9838	2144221.3716

Y5

TYPE	STATION	NORTH	EAST
PC	10+00.00	208407.0774	2144340.0925
PT	13+60.97	208407.5301	2144701.0614

Y7

TYPE	STATION	NORTH	EAST
POT	10+00.00	212499.6257	2144189.4085
PC	12+36.61	212508.7947	2144425.8385
PRC	14+07.72	212515.4253	2144596.8162
PCC	16+66.74	212527.7090	2144855.5342
PRC	21+18.87	212561.6898	2145306.3824
PT	22+38.65	212570.6322	2145425.8254
PC	27+13.23	212601.1151	2145899.4256
PT	28+32.53	212609.6797	2146018.4143
PC	31+21.79	212632.6322	2146306.7565
PT	33+02.06	212644.8777	2146486.6112
PC	44+59.82	212710.2881	2147642.5233
PT	50+23.41	212845.1889	2148186.3623
PC	59+52.66	213231.8702	2149031.3358
PRC	68+39.09	213809.7837	2149686.6762
PT	82+37.35	214821.9743	2150637.8462
PC	86+33.28	215050.9695	2150960.8459
PT	95+51.30	215715.4118	2151585.4595
POT	99+51.02	216055.1496	2151796.0715

DET1

TYPE	STATION	NORTH	EAST
PC	10+00.00	209814.1491	2144259.2265
PRC	10+85.73	209899.8522	2144257.2472
PRC	13+88.83	210191.9023	2144325.3792
PT	16+91.32	210483.3327	2144393.5255
PC	34+12.46	212204.0480	2144355.0362
PRC	37+76.83	212543.9428	2144240.1299
PRC	40+31.65	212775.1518	2144137.6293
PT	42+19.70	212959.0842	2144098.4872

DET2

TYPE	STATION	NORTH	EAST
PC	10+00.00	210135.2451	2150997.7954
PT	12+17.76	210352.9955	2151000.1229
PC	12+17.77	210353.0028	2151000.1229
PRC	14+89.83	210610.4592	2151076.3449
PT	17+68.00	210874.0394	2151152.5733
PC	32+36.90	212342.9172	2151144.8475
PRC	35+44.10	212636.4558	2151066.3656
PT	38+51.29	212929.9944	2150987.8837
POT	41+46.42	213225.1203	2150986.3314

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE PROPOSED ALIGNMENT 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.