6/2/99

PROJECT REFERENCE NO.	SHEET NO.
I-5786	1C-1
Location and Surveys	

SURVEY CONTROL I-5786

BASELINE DATA

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
9	BL-9	652107.8736	2224462.4970	176.40	9+26.43	52.26 RT
10	BL-10	652282.6240	2224820.2580	175.93	13+24.59	51.55 RT
1	I5786-1	652567.4010	2225025.3500	174.58	16+33.57	114.86 LT
2	I5786-2	652942.6010	2225801.1020	173.20	24+95.29	113.04 LT
11	BL-11	653089.0170	2226485.4310	172.11	31+74.74	54.55 RT
12	BL-12	653423.9549	2227168.0860	171.36	39+35.13	51.86 RT
13	BL-13	653706.7771	2227755.6500	174.11	45+87.22	54.46 RT
14	BL-14	654015.4803	2228391.2620	177.35	52+93.83	54.80 RT
15	BL-15	654321.1642	2229021.1450	180.53	59+93.97	55.35 RT
16	BL-16	654627.0655	2229652.2480	183.86	66+95.30	56.23 RT
17	BL-17	654934.9189	2230282.8930	187.19	73+97.07	55.16 RT
18	BL-18	655245.7966	2230917.3710	188.34	81+03.61	53.05 RT
19	BL-19	655546.4917	2231545.8600	184.78	88+00.32	57.47 RT
20	BL-20	655855.3301	2232176.3580	181.19	95+02.39	55.45 RT
21	BL-21	656185.5218	2232851.6560	177.12	102+54.09	53.81 RT
22	BL-22	656451.5593	2233404.1550	176.82	108+67.30	56.18 RT
3	I5786-3	656724.2990	2233955.7850	181.01	114+82.66	52.13 RT
23	BL-23	656983.6592	2234497.0010	185.51	120+82.80	55.56 RT
24	BL-24	657288.5835	2235125.9630	188.10	127+82.49	55.44 RT
25	BL-25	657590.6871	2235816.6530	189.36	135+38.87	53.94 RT
26	BL-26	657858.1229	2236464.5890	189.92	142+39.82	56.86 RT
27	BL-27	658090.6332	2237020.0810	191.16	148+42.01	56.38 RT
28	BL-28	658381.4819	2237715.2720	190.53	155+95.59	55.90 RT
29	BL-29	658632.7589	2238315.5990	188.96	162+46.38	55.38 RT
30	BL-30	658896.0043	2238961.7140	186.46	169+44.04	61.46 RT
31	BL-31	659172.1676	2239611.3250	184.25	176+49.90	56.97 RT
32	BL-32	659443.2622	2240259.7350	183.77	183+52.70	56.69 RT
33	BL-33	659714.2214	2240907.8100	182.99	190+55.14	56.41 RT
34	BL-34	659999.0244	2241585.9130	181.87	197+90.62	54.92 RT
35	BL-35	660251.8242	2242196.0590	179.30	204+51.07	56.78 RT
36	BL-36	660525.9561	2242838.0270	177.08	211+48.04	55.55 RT
37	BL-37	660815.6756	2243479.1810	177.22	218+50.97	55.60 RT
38	BL-38	661043.8111	2243980.9020	179.91	224+02.12	55.57 RT
6	I5786-6	660338.3130	2244711.7770	182.95	227+75.47	1000.30 RT
5	I5786-5	661128.7410	2244804.8020	175.96	231+87.30	319.25 RT
39	BL-39	661515.7003	2244747.3170	171.47	232+95.12	56.80 LT
40	BL-40	661643.7993	2245295.1340	161.57	238+46.83	53.32 RT
41	BL-41	661877.6882	2245810.0190	151.86	244+12.35	53.50 RT
42	BL-42	662154.6664	2246424.2370	153.63	250+86.13	55.57 RT
43	BL-43	662403.5454	2246976.9210	156.61	256+92.26	57.75 RT
44	BL-44	662694.9886	2247607.1380	157.44	263+86.59	53.28 RT
45	BL-45	662969.5662	2248213.8150	154.81	270+52.51	54.41 RT
46	BL-46	663273.0276	2248864.6320	150.74	277+70.56	47.52 RT
47	BL-47	663554.3791	2249494.5970	150.18	284+60.49	52.13 RT
48	BL-48	663851.2805	2250121.9840	151.92	291+51.54	52.22 RT
49	BL-49	664215.4029	2250721.5490	157.18	298+46.99	53.98 RT
50	BL-50	664641.7780	2251279.8820	169.61	305+46.38	55.39 RT
7	I5786-7	665165.2880	2251661.1490	181.51	311+70.15	118.78 LT
8	I5786-8	665698.5260	2252324.8130	195.37	320+21.47	125.44 LT
51	BL-51	665968.5051	2252958.6620	206.74	326+86.12	55.92 RT
52	BL-52	666406.4514	2253510.2650	204.53	333+90.44	54.51 RT
53	BL-53	666840.2554	2254060.4430	199.14	340+91.07	55.46 RT
54	BL-54	667238.4931	2254564.2300	198.42	347+33.24	55.54 RT
55	BL-55	667667.8472	2255123.7030	198.71	354+38.40	65.75 RT
56	BL-56	668113.2342	2255659.7650	196.74	361+31.76	57.73 RT
201	B4937-1	668626.3940	2256079.6440	189.48	367+88.77	2.93 RT
202	B4937-2	669265.0533	2256525.7440	184.65	375+68.36	1.49 RT
57	BL-57	669796.1232	2256846.1140	200.51	381+83.22	53.24 RT
58	BL-58	670385.3040	2257081.6500	216.79	388+17.65	46.22 RT

BENCHMARK DATA

1310 ELEVATION = 175.83
N 652056 E 2224441
L STATION 9+20.00 0 RIGHT
TBM-1 60D NAIL IN 16IN PINE

1313 ELEVATION = 173.11
N 652928 E 2226667
L STATION 32+68.00 279 RIGHT
TBM-2 60D NAIL IN 30IN PINE

1316 ELEVATION = 175.95
N 653724 E 2228207
L STATION 50+00.00 236 RIGHT
TBM-3 60D NAIL IN 34IN PINE

1319 ELEVATION = 185.39
N 654541 E 2229845
L STATION 68+31.00 218 RIGHT
TBM-4 60D NAIL SET IN 12IN SWEET GUM

1323 ELEVATION = 195.09
N 655432 E 2231716
L STATION 89+03.00 235 RIGHT
TBM-5 60D NAIL SET IN 8IN PINE

1326 ELEVATION = 166.66
N 656281 E 2233392
L STATION 107+82.00 204 RIGHT
TBM-6 60D NAIL SET IN 22IN OAK

1333 ELEVATION = 193.16
N 657192 E 2235442
L STATION 130+34.00 275 RIGHT
TBM-7 60D NAIL SET IN PP

1336 ELEVATION = 190.79
N 658063 E 2237412
L STATION 151+93.00 233 RIGHT
TBM-8 60D NAIL SET IN PP

1998 ELEVATION = 186.63
N 658867 E 2239278
L STATION 172+25.00 210 RIGHT
TBM-9 60D NAIL SET IN 20IN OAK

10096 ELEVATION = 186.45
N 659871 E 2241422
L STATION 195+90.00 110 RIGHT
TBM-10 60D NAIL IN 17IN PINE

10099 ELEVATION = 172.86
N 660508 E 2242930
L STATION 212+25.00 109 RIGHT
TBM-11 60D NAIL IN 35IN PINE

10120 ELEVATION = 170.45
N 661579 E 2244769
L STATION 233+41.00 105 LEFT
TBM-12 YELLOW BENCH TIE W TAG IN 16IN OAK

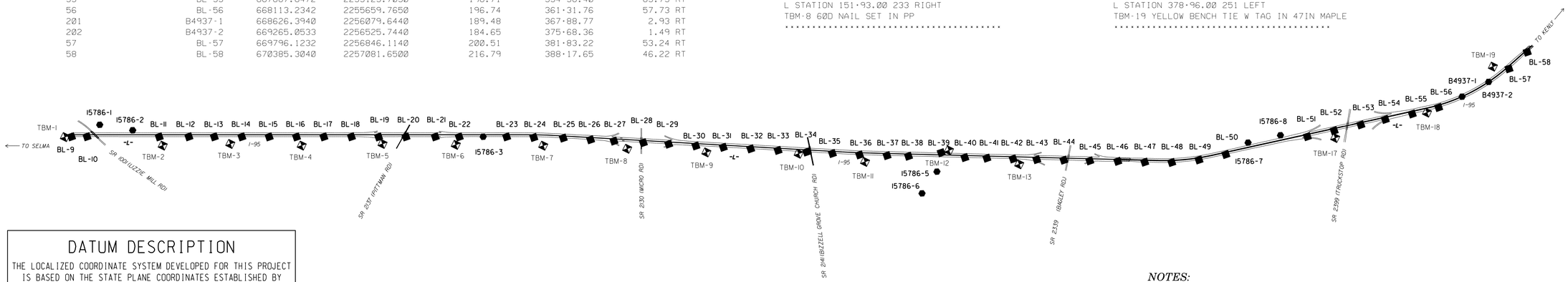
10117 ELEVATION = 161.78
N 662140 E 2246559
L STATION 252+03.00 124 RIGHT
TBM-13 YELLOW BENCH TIE W TAG IN 27IN PINE

10102 ELEVATION = 209.61
N 666309 E 2253557
L STATION 333+66.00 160 RIGHT
TBM-17 YELLOW BENCH TIE W TAG IN 17IN PINE

10108 ELEVATION = 199.14
N 667866 E 2255450
L STATION 358+17.00 112 RIGHT
TBM-18 YELLOW BENCH TIE W TAG IN 36IN OAK

10114 ELEVATION = 178.48
N 669665 E 2256453
L STATION 378+96.00 251 LEFT
TBM-19 YELLOW BENCH TIE W TAG IN 47IN MAPLE

NC GRID
NAD 83 NA 2011



DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "I5786-5"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 661128.741(ft) EASTING: 2244804.802(ft)
ELEVATION: 175.960(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9998843704
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "I5786-5" TO -L- STATION 09+20.00 IS S66°13'07.59"W 22261.089
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

NOTES:

- *INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL AND VERTICAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT. PROJECT CONTROL ESTABLISHED USING GNSS (GLOBAL NAVIGATION SATELLITE SYSTEM).*

THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

THE FILES TO BE FOUND ARE AS FOLLOWS:
I5786_LS_CONTROL.TXT

5/31/2017
C:\Projects\Proj\I5786_ls_1c-1.dgn
USER:kmay