

## Henrico County, Virginia

Survey Monumentation and Control Project (Revised: September, 2008)

Horizontal Datum: NAD 83 (93) SPC VA\_S

Vertical Datum: NAVD 88

Pt.	Northing (ft)	Easting (ft)	ELEV (ft)	Northing (m)	Easting (m)	ELEV (m)	Latitude(N)	Longitude(W)	Convergence	Combined Scale Factor
1	3769888.464	11738890.901	289.7	1149064.302	3578021.103	88.30	37°40'23.69038"N	77°36'56.03870"W	0°32'12.42523"	0.999950857
1a	3768027.079	11739399.043	279.5	1148496.951	3578175.985	85.19	37°40'05.24113"N	77°36'49.93581"W	0°32'16.12922"	0.999950873
2	3764096.748	11750126.159	245.1	1147298.984	3581445.617	74.71	37°39'25.36861"N	77°34'37.00091"W	0°33'36.81072"	0.999951540
2a	3764466.114	11749537.925	252.4	1147411.566	3581266.322	76.93	37°39'29.07706"N	77°34'44.27087"W	0°33'32.39840"	0.999951281
3	3756458.574	11733910.092	207.7	1144970.863	3576502.949	63.31	37°38'11.37506"N	77°37'59.52325"W	0°31'33.89487"	0.999951562
3a	3757054.643	11733995.437	196.2	1145152.546	3576528.963	59.80	37°38'17.26027"N	77°37'58.39419"W	0°31'34.58013"	0.999952244
4	3746609.800	11734063.827	175.7	1141968.951	3576549.808	53.55	37°36'33.99220"N	77°37'58.73657"W	0°31'34.37233"	0.999950995
4a	3745613.867	11735109.856	164.3	1141665.390	3576868.638	50.08	37°36'24.05080"N	77°37'45.85137"W	0°31'42.19267"	0.999951339
5	3751333.042	11741793.052	232.0	1143408.598	3578905.680	70.71	37°37'19.97539"N	77°36'22.12743"W	0°32'33.00682"	0.999949280
5a	3750769.119	11740710.167	212.1	1143236.714	3578575.616	64.65	37°37'14.50139"N	77°36'35.65314"W	0°32'24.79772"	0.999950111
6	3764381.509	11733839.731	236.5	1147385.779	3576481.503	72.09	37°39'29.71026"N	77°37'59.49355"W	0°31'33.91290"	0.999952033
6a	3764057.672	11734598.760	254.9	1147287.073	3576712.856	77.69	37°39'26.43970"N	77°37'50.09181"W	0°31'39.61905"	0.999951076
7	3739934.321	11749437.933	261.8	1139934.261	3581235.845	79.80	37°35'26.55703"N	77°34'48.48689"W	0°33'29.83958"	0.999945587
7a	3739065.731	11749166.959	260.7	1139669.514	3581153.252	79.46	37°35'17.99587"N	77°34'51.95857"W	0°33'27.73254"	0.999945479
8	3752803.098	11757910.733	286.2	1143856.672	3583818.359	87.23	37°37'32.95306"N	77°33'01.61154"W	0°34'34.70489"	0.999946995
8a	3753491.035	11757346.180	304.2	1144066.356	3583646.283	92.72	37°37'39.81030"N	77°33'08.54306"W	0°34'30.49798"	0.999946285
9	3764322.075	11765616.296	247.0	1147367.663	3586167.020	75.29	37°39'26.05543"N	77°31'24.35099"W	0°35'33.73473"	0.999951485
9aR	3765345.649	11764768.035	270.1	1147679.649	3585908.469	82.33	37°39'36.26131"N	77°31'34.76792"W	0°35'27.41244"	0.999950628
10	3740243.735	11766123.897	262.6	1140028.571	3586321.737	80.04	37°35'27.95823"N	77°31'21.13922"W	0°35'35.68404"	0.999945596
10a	3739624.211	11766976.757	254.3	1139839.739	3586581.689	77.51	37°35'21.74596"N	77°31'10.62310"W	0°35'42.06653"	0.999945877
11	3744985.760	11780800.493	171.4	1141473.943	3590795.172	52.24	37°36'13.29793"N	77°28'18.15426"W	0°37'26.74216"	0.999950843
11a	3744185.540	11780930.566	165.3	1141230.035	3590834.819	50.38	37°36'05.37272"N	77°28'16.64631"W	0°37'27.65737"	0.999950977
12	3762300.021	11781275.162	209.6	1146751.340	3590939.852	63.89	37°39'04.41928"N	77°28'09.90711"W	0°37'31.74756"	0.999952766
12aR	3761697.856	11781730.762	207.7	1146567.800	3591078.718	63.31	37°38'58.41697"N	77°28'04.32403"W	0°37'35.13607"	0.999952710
13R	3755638.793	11792322.708	190.0	1144720.994	3594307.150	57.91	37°37'57.35105"N	77°25'53.47969"W	0°38'54.54875"	0.999952164
13a	3753800.397	11791081.164	186.5	1144160.649	3593928.727	56.85	37°37'39.31501"N	77°26'09.17080"W	0°38'45.02542"	0.999951931
14	3737918.707	11798973.162	187.3	1139319.901	3596334.213	57.09	37°35'01.41473"N	77°24'33.35404"W	0°39'43.17900"	0.999948734
14a	3737080.927	11799596.061	201.1	1139064.545	3596524.073	61.30	37°34'53.06101"N	77°24'25.73640"W	0°39'47.80233"	0.999947925

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15	3729850.525	11808847.659	163.8	1136860.714	3599343.966	49.93	37°33'40.50521"N	77°22'31.87989"W	0°40'56.90468"	0.999948470
15a	3728458.158	11809558.051	160.3	1136436.320	3599560.493	48.86	37°33'26.65616"N	77°22'23.26395"W	0°41'02.13391"	0.999948414
16	3720590.040	11823952.527	164.0	1134038.112	3603947.938	49.99	37°32'07.13396"N	77°19'25.72670"W	0°42'49.88567"	0.999947052
16a	3721058.204	11824718.892	164.3	1134180.809	3604181.527	50.08	37°32'11.66784"N	77°19'16.13999"W	0°42'55.70409"	0.999947103
17	3715166.921	11830193.611	161.5	1132385.142	3605850.225	49.23	37°31'12.74390"N	77°18'09.10020"W	0°43'36.39220"	0.999946442
17a	3713969.654	11829988.282	159.0	1132020.215	3605787.640	48.46	37°31'00.93315"N	77°18'11.83716"W	0°43'34.73107"	0.999946411
18	3700466.965	11827787.522	156.2	1127904.587	3605116.847	47.61	37°28'47.71630"N	77°18'41.26213"W	0°43'16.87233"	0.999945075
18a	3699831.119	11828953.013	159.1	1127710.781	3605472.090	48.49	37°28'41.28478"N	77°18'26.90332"W	0°43'25.58705"	0.999944877
19	3703269.721	11841115.046	146.8	1128758.869	3609179.085	44.74	37°29'13.73413"N	77°15'55.47420"W	0°44'57.49314"	0.999945785
19a	3702865.987	11842260.938	144.9	1128635.810	3609528.353	44.17	37°29'09.59431"N	77°15'41.32331"W	0°45'06.08166"	0.999945835
20	3702678.629	11856405.002	132.0	1128578.703	3613839.473	40.23	37°29'05.87132"N	77°12'45.87944"W	0°46'52.56291"	0.999946424
20a	3701755.024	11856245.206	132.0	1128297.188	3613790.767	40.23	37°28'56.76191"N	77°12'48.01808"W	0°46'51.26492"	0.999946335
21R	3710832.228	11842961.636	135.8	1131063.925	3609741.927	41.39	37°30'28.25954"N	77°15'31.33058"W	0°45'12.14650"	0.999947127
21a	3711184.934	11845405.554	127.5	1131171.430	3610486.834	38.86	37°30'31.42768"N	77°15'00.94367"W	0°45'30.58907"	0.999947562
22	3753860.297	11768353.121	237.6	1144178.907	3587001.206	72.42	37°37'42.34666"N	77°30'51.67666"W	0°35'53.56560"	0.999949533
22aR	3754635.411	11768280.282	229.4	1144415.162	3586979.004	69.91	37°37'50.01716"N	77°30'52.48150"W	0°35'53.07712"	0.999950090
23	3706226.468	11808078.737	143.4	1129660.087	3599109.598	43.71	37°29'47.04034"N	77°22'44.91270"W	0°40'48.99474"	0.999946276
23a	3705611.390	11808676.039	151.4	1129472.611	3599291.656	46.15	37°29'40.88925"N	77°22'37.59199"W	0°40'53.43786"	0.999945828
24	3707879.749	11804301.513	122.6	1130164.008	3597958.297	37.37	37°30'03.82618"N	77°23'31.54094"W	0°40'20.69491"	0.999947450
24a	3707247.413	11804350.633	133.1	1129971.272	3597973.269	40.57	37°29'57.56895"N	77°23'31.02351"W	0°40'21.00895"	0.999946879
25	3701389.433	11814583.032	138.0	1128185.756	3601092.111	42.06	37°28'58.44837"N	77°21'24.93247"W	0°41'37.53673"	0.999946040
25a	3701793.666	11813707.315	146.9	1128308.966	3600825.192	44.78	37°29'02.54948"N	77°21'35.73608"W	0°41'30.97975"	0.999945654
26	3687059.619	11807814.985	152.2	1123818.020	3599029.206	46.39	37°26'37.57903"N	77°22'51.00503"W	0°40'45.29715"	0.999944228
26a	3687167.226	11808673.514	147.1	1123850.818	3599290.886	44.84	37°26'38.54213"N	77°22'40.34374"W	0°40'51.76776"	0.999944478
27	3677624.207	11823420.528	78.0	1120942.100	3603785.785	23.77	37°25'02.42307"N	77°19'38.95664"W	0°42'41.85610"	0.999947276
27aR	3677618.278	11824441.883	79.6	1120940.293	3604097.094	24.25	37°25'02.23884"N	77°19'26.29767"W	0°42'49.53914"	0.999947190
28	3678558.280	11832501.586	31.3	1121226.806	3606553.697	9.54	37°25'10.52772"N	77°17'46.24804"W	0°43'50.26175"	0.999949541
28aR	3679558.869	11831857.182	26.7	1121531.786	3606357.282	8.14	37°25'20.50116"N	77°17'54.07787"W	0°43'45.50962"	0.999949800
29	3680376.216	11844473.533	134.4	1121780.914	3610202.754	40.97	37°25'26.96530"N	77°15'17.55330"W	0°45'20.50828"	0.999944701
29a	3679847.308	11844812.455	124.0	1121619.703	3610306.057	37.80	37°25'21.69210"N	77°15'13.43852"W	0°45'23.00564"	0.999945173

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30	3692763.151	11853160.945	126.4	1125556.460	3612850.682	38.53	37°27'28.27989"N	77°13'27.78801"W	0°46'27.12755"	0.999945835
30a	3693384.970	11853730.916	142.2	1125745.990	3613024.410	43.34	37°27'34.35116"N	77°13'20.61504"W	0°46'31.48101"	0.999945128
31	3689581.767	11837706.134	137.6	1124586.772	3608140.046	41.94	37°26'58.84920"N	77°16'39.96601"W	0°44'30.48996"	0.999945078
31a	3688863.462	11837739.583	133.4	1124367.832	3608150.242	40.66	37°26'51.74349"N	77°16'39.66656"W	0°44'30.67170"	0.999945230
32	3688314.564	11850650.325	146.5	1124200.528	3612085.444	44.65	37°26'44.63410"N	77°13'59.66432"W	0°46'07.78103"	0.999944566
32a	3688420.011	11851509.827	148.9	1124232.668	3612347.420	45.38	37°26'45.56242"N	77°13'48.98917"W	0°46'14.26005"	0.999944458
33	3682560.505	11849689.718	144.6	1122446.687	3611792.650	44.07	37°25'47.87484"N	77°14'12.53032"W	0°45'59.97234"	0.999944321
33a	3682314.665	11850293.599	140.3	1122371.755	3611976.713	42.76	37°25'45.36443"N	77°14'05.08479"W	0°46'04.49121"	0.999944514
34	3675363.372	11846258.269	111.1	1120252.996	3610746.742	33.86	37°24'37.17308"N	77°14'56.25293"W	0°45'33.43600"	0.999945607
34a	3676002.983	11846282.549	129.6	1120447.950	3610754.143	39.50	37°24'43.49335"N	77°14'55.84693"W	0°45'33.68241"	0.999944747
35	3675474.612	11835391.435	51.7	1120286.902	3607434.525	15.76	37°24'39.67537"N	77°17'10.91836"W	0°44'11.70420"	0.999948446
35a	3678558.303	11832501.610	31.3	1121226.813	3606553.704	9.54	37°25'10.52794"N	77°17'46.24774"W	0°43'50.26193"	0.999949541
36R	3671574.805	11833484.765	33.9	1119098.239	3606853.370	10.33	37°24'01.36174"N	77°17'35.16777"W	0°43'56.98663"	0.999949174
36aR2	3672800.849	11834490.294	32.9	1119471.938	3607159.856	10.02	37°24'13.35571"N	77°17'22.51210"W	0°44'04.66768"	0.999949250
37	3671001.360	11844316.132	48.2	1118923.452	3610154.778	14.69	37°23'54.30219"N	77°15'21.03614"W	0°45'18.39445"	0.999948478
37a	3673577.193	11841557.790	48.1	1119708.568	3609314.033	14.66	37°24'20.12604"N	77°15'54.79990"W	0°44'57.90239"	0.999948555
38	3685272.751	11855203.624	113.9	1123273.381	3613473.292	34.72	37°26'13.95401"N	77°13'03.71725"W	0°46'41.73670"	0.999945935
38a	3684783.688	11855798.460	99.4	1123124.314	3613654.598	30.30	37°26'09.03904"N	77°12'56.42481"W	0°46'46.16266"	0.999946599
39	3681455.018	11828990.289	46.9	1122109.734	3605483.451	14.30	37°25'39.60666"N	77°18'29.31906"W	0°43'24.12087"	0.999948932
39a	3681064.864	11830217.267	35.8	1121990.815	3605857.435	10.91	37°25'35.59600"N	77°18'14.16968"W	0°43'33.31540"	0.999949442
40	3682581.141	11837957.027	41.6	1122452.977	3608216.519	12.68	37°25'49.60620"N	77°16'37.97933"W	0°44'31.69572"	0.999949239
40a	3682514.266	11838388.307	44.6	1122432.593	3608347.973	13.59	37°25'48.88979"N	77°16'32.64339"W	0°44'34.93423"	0.999949093
41	3685243.298	11844143.843	139.9	1123264.404	3610102.264	42.64	37°26'15.12605"N	77°15'20.84498"W	0°45'18.51048"	0.999944693
41a	3684318.462	11843811.414	150.4	1122982.513	3610000.939	45.84	37°26'06.02609"N	77°15'25.11755"W	0°45'15.91734"	0.999944139
42	3690491.131	11856472.656	151.2	1124863.947	3613860.094	46.09	37°27'05.37369"N	77°12'47.10142"W	0°46'51.82126"	0.999944487
42a	3691326.369	11856934.692	149.6	1125118.528	3614000.922	45.60	37°27'13.56877"N	77°12'41.23051"W	0°46'55.38446"	0.999944622
43	3691254.926	11847644.533	148.9	1125096.752	3611169.276	45.38	37°27'14.10059"N	77°14'36.44999"W	0°45'45.45490"	0.999944652
43a	3690560.827	11848215.263	142.4	1124885.190	3611343.235	43.40	37°27'07.16335"N	77°14'29.48708"W	0°45'49.68086"	0.999944913
44	3691664.703	11829051.470	120.3	1125221.652	3605502.099	36.67	37°27'20.53626"N	77°18'26.96171"W	0°43'25.55161"	0.999946055
44a	3692280.434	11828172.658	108.2	1125409.327	3605234.237	32.98	37°27'26.73324"N	77°18'37.76406"W	0°43'18.99539"	0.999946679

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45	3698919.539	11836280.096	143.3	1127432.930	3607705.389	43.68	37°28'31.34782"N	77°16'56.15578"W	0°44'20.66398"	0.999945544
45a	3698988.468	11835553.207	139.1	1127453.940	3607483.833	42.40	37°28'32.12188"N	77°17'05.16160"W	0°44'15.19812"	0.999945751
46	3697886.789	11840750.090	147.0	1127118.148	3609067.846	44.81	37°28'20.56406"N	77°16'00.87443"W	0°44'54.21561"	0.999945273
46a	3697623.050	11841520.667	147.7	1127037.760	3609302.718	45.02	37°28'17.85704"N	77°15'51.35890"W	0°44'59.99081"	0.999945216
47	3703918.308	11836330.925	149.0	1128956.558	3607720.882	45.42	37°29'20.76070"N	77°16'54.72510"W	0°44'21.53229"	0.999945749
47a	3704038.477	11835421.742	154.1	1128993.186	3607443.762	46.97	37°29'22.06457"N	77°17'05.98609"W	0°44'14.69772"	0.999945518
48	3707238.850	11842218.578	147.1	1129968.662	3609515.442	44.84	37°29'52.83106"N	77°15'41.13703"W	0°45'06.19472"	0.999946183
48a	3707726.350	11842833.762	138.9	1130117.252	3609702.950	42.34	37°29'57.57073"N	77°15'33.42409"W	0°45'10.87590"	0.999946627
49	3713357.845	11857721.175	54.0	1131833.735	3614240.643	16.46	37°30'51.27010"N	77°12'27.73709"W	0°47'03.57395"	0.999951320
49a	3713606.519	11858600.475	56.8	1131909.531	3614508.654	17.31	37°30'53.60938"N	77°12'16.78179"W	0°47'10.22299"	0.999951216
50	3698999.047	11855654.714	124.9	1127457.165	3613610.784	38.07	37°28'29.59522"N	77°12'55.80879"W	0°46'46.53654"	0.999946419
50a	3698837.615	11854800.552	123.0	1127407.960	3613350.435	37.49	37°28'28.11404"N	77°13'06.43141"W	0°46'40.08941"	0.999946495
51	3699812.112	11849924.990	141.1	1127704.987	3611864.361	43.01	37°28'38.39825"N	77°14'06.74808"W	0°46'03.48172"	0.999945721
51a	3699497.258	11850699.804	129.0	1127609.020	3612100.525	39.32	37°28'35.18279"N	77°13'57.18903"W	0°46'09.28335"	0.999946270
52	3708846.878	11848875.435	164.1	1130458.789	3611544.456	50.02	37°30'07.85687"N	77°14'18.26988"W	0°45'56.48886"	0.999945544
52a	3709755.664	11848461.826	155.0	1130735.788	3611418.388	47.24	37°30'16.89593"N	77°14'23.25182"W	0°45'53.46520"	0.999946081
53	3717469.127	11845377.552	134.2	1133086.856	3610478.299	40.90	37°31'33.55807"N	77°15'00.25854"W	0°45'31.00490"	0.999948026
53a	3718244.547	11845526.724	145.4	1133323.205	3610523.767	44.32	37°31'41.20448"N	77°14'58.27937"W	0°45'32.20610"	0.999947595
54	3713614.366	11834852.445	149.8	1131911.923	3607270.240	45.66	37°30'56.80679"N	77°17'11.52211"W	0°44'11.33777"	0.999946801
54a	3714357.209	11833546.273	155.9	1132138.342	3606872.118	47.52	37°31'04.31640"N	77°17'27.61540"W	0°44'01.57036"	0.999946603
55	3718424.080	11839438.925	161.8	1133377.926	3608668.202	49.32	37°31'43.76995"N	77°16'13.82035"W	0°44'46.35841"	0.999946843
55a	3718126.257	11840518.647	153.6	1133287.150	3608997.302	46.82	37°31'40.68637"N	77°16'00.46555"W	0°44'54.46376"	0.999947193
56	3725837.698	11834115.620	105.6	1135637.602	3607045.655	32.19	37°32'57.74276"N	77°17'18.72015"W	0°44'06.96910"	0.999950591
56a	3725474.954	11832569.813	105.8	1135527.037	3606574.493	32.25	37°32'54.35230"N	77°17'37.97184"W	0°43'55.28478"	0.999950529
57	3685841.116	11819299.062	128.4	1123446.619	3602529.560	39.14	37°26'24.16249"N	77°20'28.79294"W	0°42'11.60920"	0.999945286
57a	3685278.389	11820164.324	134.6	1123275.100	3602793.292	41.03	37°26'18.49398"N	77°20'18.15046"W	0°42'18.06839"	0.999944956
58	3682313.686	11816731.260	142.0	1122371.456	3601746.892	43.28	37°25'49.59901"N	77°21'01.16369"W	0°41'51.96259"	0.999944441
58aR	3683213.653	11816697.326	134.9	1122645.767	3601736.549	41.12	37°25'58.50061"N	77°21'01.44851"W	0°41'51.78973"	0.999944827
59	3675865.804	11814688.918	87.2	1120406.138	3601124.385	26.58	37°24'46.09704"N	77°21'27.45077"W	0°41'36.00831"	0.999946770
59a	3676326.620	11814257.282	81.2	1120546.595	3600992.822	24.75	37°24'50.70452"N	77°21'32.73165"W	0°41'32.80321"	0.999947074

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Pt.	Northing (ft)	Easting (ft)	ELEV (ft)	Northing (m)	Easting (m)	ELEV (m)	Latitude(N)	Longitude(W)	Convergence	Combined Scale Factor
60R	3690720.455	11810732.025	140.8	1124933.845	3599918.321	42.92	37°27'13.42840"N	77°22'14.29181"W	0°41'07.57932"	0.999945017
60a	3689942.271	11810816.783	134.1	1124696.654	3599944.156	40.87	37°27'05.72487"N	77°22'13.35618"W	0°41'08.14718"	0.999945282
61	3670712.000	11819218.699	89.1	1118835.255	3602505.065	27.16	37°23'54.59814"N	77°20'32.09000"W	0°42'09.60814"	0.999946519
61a	3670412.965	11820361.503	65.3	1118744.109	3602853.392	19.90	37°23'51.50291"N	77°20'17.97385"W	0°42'18.17558"	0.999947647
62	3670675.162	11808003.595	29.6	1118824.027	3599086.694	9.02	37°23'55.57113"N	77°22'51.07491"W	0°40'45.25474"	0.999949356
62a	3671353.098	11807508.994	29.1	1119030.662	3598935.940	8.87	37°24'02.33154"N	77°22'57.10467"W	0°40'41.59513"	0.999949398
63	3679367.928	11805210.336	82.6	1121473.588	3598235.307	25.18	37°25'21.83888"N	77°23'24.42309"W	0°40'25.01490"	0.999947133
63a	3680297.160	11805068.046	92.7	1121756.818	3598191.937	28.26	37°25'31.04232"N	77°23'26.05156"W	0°40'24.02654"	0.999946694
64	3686654.982	11804655.938	119.8	1123694.686	3598066.326	36.52	37°26'33.94705"N	77°23'30.23499"W	0°40'21.48752"	0.999945749
64a	3687015.327	11803924.078	117.2	1123804.519	3597843.255	35.72	37°26'37.59447"N	77°23'39.25734"W	0°40'16.01163"	0.999945896
65	3693873.676	11802811.650	142.8	1125894.948	3597504.186	43.53	37°27'45.52823"N	77°23'52.05811"W	0°40'08.24252"	0.999945159
65a	3692967.546	11802926.806	139.1	1125618.759	3597539.286	42.40	37°27'36.55648"N	77°23'50.76113"W	0°40'09.02969"	0.999945266
66	3701611.592	11803377.033	161.2	1128253.470	3597676.515	49.13	37°29'01.96359"N	77°23'43.92294"W	0°40'13.17996"	0.999944959
66a	3700338.082	11804181.734	152.1	1127865.303	3597921.789	46.36	37°28'49.27990"N	77°23'34.12493"W	0°40'19.12662"	0.999945272
67	3706393.663	11800453.377	152.9	1129711.048	3596785.383	46.60	37°29'49.57793"N	77°24'19.50670"W	0°39'51.58329"	0.999945844
67a	3705202.117	11800734.029	151.2	1129347.864	3596870.926	46.09	37°29'37.76560"N	77°24'16.19583"W	0°39'53.59274"	0.999945798
68	3695733.576	11807893.828	103.0	1126461.847	3599053.237	31.39	37°28'03.32475"N	77°22'48.75157"W	0°40'46.66483"	0.999947208
68a	3696457.856	11808804.642	110.3	1126682.608	3599330.854	33.62	37°28'10.37835"N	77°22'37.34738"W	0°40'53.58632"	0.999946920
69	3694530.719	11816953.307	139.9	1126095.215	3601814.572	42.64	37°27'50.35552"N	77°20'56.56423"W	0°41'54.75412"	0.999945346
69a	3695222.616	11816954.636	138.5	1126306.106	3601814.977	42.21	37°27'57.19575"N	77°20'56.44311"W	0°41'54.82763"	0.999945468
70	3695384.961	11823137.250	147.0	1126355.589	3603699.442	44.81	37°27'58.04859"N	77°19'39.73400"W	0°42'41.38430"	0.999945072
70a	3695933.099	11823551.938	148.9	1126522.662	3603825.839	45.38	37°28'03.41675"N	77°19'34.50599"W	0°42'44.55730"	0.999945027
71	3705808.579	11821185.564	163.3	1129532.714	3603104.566	49.77	37°29'41.33936"N	77°20'02.34426"W	0°42'27.66156"	0.999945274
71a	3705307.702	11821893.399	162.4	1129380.046	3603320.315	49.50	37°29'36.30099"N	77°19'53.63840"W	0°42'32.94537"	0.999945264
72	3709176.890	11816539.402	157.2	1130559.377	3601688.413	47.91	37°30'15.20317"N	77°20'59.48459"W	0°41'52.98168"	0.999945938
72a	3709698.472	11815489.046	154.8	1130718.356	3601368.264	47.18	37°30'20.48604"N	77°21'12.44042"W	0°41'45.11847"	0.999946113
73	3714170.785	11809032.759	164.0	1132081.520	3599400.384	49.99	37°31'05.46869"N	77°22'31.90070"W	0°40'56.89205"	0.999946214
73a	3713771.449	11808437.480	167.2	1131959.802	3599218.943	50.96	37°31'01.59076"N	77°22'39.34817"W	0°40'52.37199"	0.999946012
74R	3713702.831	11816443.335	164.1	1131938.887	3601659.132	50.02	37°30'59.95973"N	77°20'59.99251"W	0°41'52.67341"	0.999946146
74aR	3714156.478	11816406.802	164.0	1132077.159	3601647.997	50.00	37°31'04.44902"N	77°21'00.37735"W	0°41'52.43984"	0.999946190

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75	3715504.776	11822612.149	161.7	1132488.121	3603539.390	49.29	37°31'17.02445"N	77°19'43.15039"W	0°42'39.31080"	0.999946483
75a	3715698.425	11823338.557	161.8	1132547.145	3603760.800	49.32	37°31'18.84971"N	77°19'34.10408"W	0°42'44.80124"	0.999946502
76R	3718603.539	11813735.802	156.7	1133432.626	3600833.874	47.77	37°31'48.73447"N	77°21'32.86224"W	0°41'32.72395"	0.999947120
76aR	3718045.796	11814133.510	159.8	1133262.625	3600955.096	48.70	37°31'43.17291"N	77°21'28.00893"W	0°41'35.66955"	0.999946900
77	3723725.265	11810663.239	160.9	1134993.731	3599897.355	49.04	37°32'39.73483"N	77°22'10.24320"W	0°41'10.03652"	0.999947662
77a	3723121.956	11810864.270	155.1	1134809.842	3599958.630	47.27	37°32'33.74653"N	77°22'07.83691"W	0°41'11.49696"	0.999947851
78	3726633.298	11816677.187	162.4	1135880.101	3601730.410	49.50	37°33'07.76583"N	77°20'55.13262"W	0°41'55.62300"	0.999948022
78aR	3727699.447	11816492.540	164.8	1136205.064	3601674.130	50.23	37°33'18.32830"N	77°20'57.26408"W	0°41'54.32936"	0.999948073
79	3723932.843	11823265.148	167.6	1135057.001	3603738.425	51.08	37°32'40.26632"N	77°19'33.74417"W	0°42'45.01967"	0.999947360
79a	3722816.147	11824102.973	169.9	1134716.631	3603993.795	51.79	37°32'29.12326"N	77°19'23.51445"W	0°42'51.22834"	0.999947087
80R	3723767.848	11828030.463	148.6	1135006.710	3605190.896	45.29	37°32'38.04516"N	77°18'34.60323"W	0°43'20.91378"	0.999948238
80a	3724465.898	11828900.435	155.0	1135219.476	3605456.064	47.24	37°32'44.83763"N	77°18'23.69207"W	0°43'27.53603"	0.999948034
81R	3720590.314	11828573.752	162.0	1134038.196	3605356.490	49.37	37°32'06.56357"N	77°18'28.35597"W	0°43'24.70539"	0.999947130
81a	3719991.722	11828038.899	166.3	1133855.745	3605193.467	50.69	37°32'00.71247"N	77°18'35.08965"W	0°43'20.61856"	0.999946855
82	3731376.719	11812721.268	194.3	1137325.899	3600524.644	59.22	37°33'55.13464"N	77°21'43.54514"W	0°41'26.24024"	0.999947258
82a	3730987.334	11811737.323	190.8	1137207.214	3600224.737	58.16	37°33'51.40217"N	77°21'55.82352"W	0°41'18.78818"	0.999947363
83	3723483.166	11804879.398	114.6	1134919.939	3598134.437	34.93	37°32'38.02010"N	77°23'22.09208"W	0°40'26.42965"	0.999949842
83a	3723634.275	11804011.570	149.4	1134965.997	3597869.923	45.54	37°32'39.61481"N	77°23'32.84516"W	0°40'19.90334"	0.999948204
84	3729284.586	11799518.445	161.8	1136688.215	3596500.415	49.32	37°33'35.99310"N	77°24'27.82119"W	0°39'46.53702"	0.999948483
84a	3730000.918	11800002.593	157.1	1136906.554	3596647.984	47.88	37°33'43.01955"N	77°24'21.70554"W	0°39'50.24876"	0.999948822
85	3735583.595	11802800.792	188.2	1138608.157	3597500.877	57.36	37°34'37.88937"N	77°23'46.14356"W	0°40'11.83221"	0.999948274
85a	3734977.944	11802543.186	187.1	1138423.554	3597422.358	57.03	37°34'31.93152"N	77°23'49.43136"W	0°40'09.83676"	0.999948221
86	3738525.034	11794610.425	196.1	1139504.709	3595004.448	59.77	37°35'07.90396"N	77°25'27.46557"W	0°39'10.33736"	0.999948429
86aR	3738579.593	11795585.699	196.8	1139521.339	3595301.712	59.99	37°35'08.33331"N	77°25'15.34192"W	0°39'17.69551"	0.999948390
87	3744542.707	11794668.909	188.3	1141338.900	3595022.274	57.39	37°36'07.38955"N	77°25'25.88679"W	0°39'11.29557"	0.999949934
87a	3745174.551	11794431.565	194.7	1141531.486	3594949.931	59.34	37°36'13.66284"N	77°25'28.74654"W	0°39'09.55991"	0.999949753
88	3758756.466	11794858.847	113.5	1145671.262	3595080.167	34.59	37°38'27.88784"N	77°25'21.51095"W	0°39'13.95137"	0.999956511
88a	3758005.938	11793929.524	133.4	1145442.501	3594796.909	40.66	37°38'20.57272"N	77°25'33.17073"W	0°39'06.87476"	0.999955392
89R	3756520.845	11784184.474	194.1	1144989.844	3591826.612	59.16	37°38'06.96987"N	77°27'34.52465"W	0°37'53.22205"	0.999952175
89a	3756532.397	11785320.585	194.5	1144993.365	3592172.899	59.28	37°38'06.96005"N	77°27'20.39965"W	0°38'01.79486"	0.999952157

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90	3762862.649	11784013.268	164.6	1146922.829	3591774.428	50.17	37°39'09.68462"N	77°27'35.78438"W	0°37'52.45749"	0.999955043
90b	3764126.995	11784066.907	175.0	1147308.203	3591790.777	53.34	37°39'22.17828"N	77°27'34.94417"W	0°37'52.96744"	0.999954849
91	3771413.116	11783738.926	135.9	1149529.017	3591690.808	41.42	37°40'34.24537"N	77°27'38.02494"W	0°37'51.09764"	0.999958528
91a	3770589.786	11783562.430	146.8	1149278.065	3591637.012	44.74	37°40'26.12506"N	77°27'40.33291"W	0°37'49.69687"	0.999957797
92	3775366.329	11771861.082	212.2	1150733.959	3588070.434	64.68	37°41'14.59473"N	77°30'05.24393"W	0°36'21.74678"	0.999955941
92a	3775716.322	11772431.296	214.4	1150840.637	3588244.236	65.35	37°41'17.99510"N	77°29'58.10428"W	0°36'26.08000"	0.999955928
93	3767326.408	11771570.317	188.6	1148283.386	3587981.809	57.49	37°39'55.14143"N	77°30'09.91765"W	0°36'18.91018"	0.999955000
93a	3767358.197	11771001.643	196.8	1148293.075	3587808.477	59.98	37°39'55.51503"N	77°30'16.98575"W	0°36'14.62037"	0.999954617
94	3762944.026	11770967.188	201.7	1146947.633	3587797.975	61.48	37°39'11.87935"N	77°30'17.99287"W	0°36'14.00913"	0.999953310
94a	3762026.550	11770829.185	203.7	1146667.986	3587755.911	62.09	37°39'02.82339"N	77°30'19.82904"W	0°36'12.89471"	0.999952998
95	3763891.973	11774741.398	195.1	1147236.568	3588948.356	59.47	37°39'20.85506"N	77°29'30.93695"W	0°36'42.56854"	0.999953847
95a	3764232.879	11775489.333	186.7	1147340.476	3589176.327	56.91	37°39'24.14625"N	77°29'21.59113"W	0°36'48.24075"	0.999954329
96	3758221.421	11775010.274	204.3	1145508.180	3589030.310	62.27	37°38'24.76652"N	77°29'28.34704"W	0°36'44.14041"	0.999952083
96a	3758507.793	11776006.369	207.9	1145595.467	3589333.920	63.37	37°38'27.49223"N	77°29'15.92518"W	0°36'51.67955"	0.999951975
97	3748577.657	11773364.015	208.3	1142568.755	3588528.529	63.49	37°36'49.59932"N	77°29'50.08730"W	0°36'30.94571"	0.999949811
97a	3747989.250	11773740.385	212.0	1142389.408	3588643.247	64.62	37°36'43.74261"N	77°29'45.48760"W	0°36'33.73739"	0.999949514
98	3749778.133	11781385.752	180.5	1142934.661	3590973.560	55.02	37°37'00.61347"N	77°28'10.23166"W	0°37'31.55058"	0.999951376
98a	3749901.106	11782721.341	168.7	1142972.143	3591380.648	51.42	37°37'01.68475"N	77°27'53.61577"W	0°37'41.63518"	0.999951964
99	3738349.101	11775155.375	217.9	1139451.085	3589074.537	66.42	37°35'08.28797"N	77°29'29.18266"W	0°36'43.63326"	0.999947374
99aR	3737444.503	11775026.738	224.3	1139175.363	3589035.328	68.37	37°34'59.35839"N	77°29'30.90075"W	0°36'42.59051"	0.999946906
100	3737390.194	11770021.686	240.9	1139158.810	3587509.785	73.43	37°34'59.34535"N	77°30'33.08468"W	0°36'04.84953"	0.999946108
100a	3736384.819	11771392.865	219.2	1138852.371	3587927.721	66.81	37°34'49.26323"N	77°30'16.18250"W	0°36'15.10789"	0.999946963
101	3741845.051	11769580.629	201.8	1140516.653	3587375.351	61.51	37°35'43.43337"N	77°30'37.98379"W	0°36'01.87614"	0.999948796
101a	3741724.449	11768293.841	225.6	1140479.893	3586983.137	68.76	37°35'42.37410"N	77°30'53.98758"W	0°35'52.16305"	0.999947638
102	3755420.202	11770314.895	229.5	1144654.367	3587599.156	69.95	37°37'57.56508"N	77°30'27.08735"W	0°36'08.48946"	0.999950259
102aR	3755767.128	11770878.522	238.2	1144760.110	3587770.949	72.60	37°38'00.93623"N	77°30'20.03547"W	0°36'12.76943"	0.999949919
103	3746677.662	11767628.855	221.4	1141989.635	3586780.449	67.48	37°36'31.41172"N	77°31'01.60912"W	0°35'47.53734"	0.999948805
103a	3745959.013	11766449.197	231.9	1141770.591	3586420.888	70.68	37°36'24.42810"N	77°31'16.36140"W	0°35'38.58381"	0.999948162
104	3750423.511	11765525.774	296.3	1143131.373	3586139.429	90.31	37°37'08.66002"N	77°31'27.26309"W	0°35'31.96731"	0.999946001
104a	3749580.720	11765974.794	287.3	1142874.489	3586276.290	87.57	37°37'00.28202"N	77°31'21.79076"W	0°35'35.28860"	0.999946254

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Vertical Datum: NAVD 88

Pt.	Northing (ft)	Easting (ft)	ELEV (ft)	Northing (m)	Easting (m)	ELEV (m)	Latitude(N)	Longitude(W)	Convergence	Combined Scale Factor
105	3754261.092	11762252.148	331.4	1144301.070	3585141.625	101.01	37°37'46.93207"N	77°32'07.46295"W	0°35'07.56901"	0.999945149
105a	3753540.499	11762883.570	314.4	1144081.432	3585334.083	95.83	37°37'39.74423"N	77°31'59.70576"W	0°35'12.27705"	0.999945803
106	3761403.605	11761756.273	293.9	1146478.112	3584990.482	89.58	37°38'57.59486"N	77°32'12.72111"W	0°35'04.37771"	0.999948557
106a	3761429.069	11762591.128	292.0	1146485.873	3585244.947	89.00	37°38'57.76227"N	77°32'02.33744"W	0°35'10.67981"	0.999948653
107	3770616.151	11761224.264	249.1	1149286.102	3584828.326	75.93	37°40'28.72559"N	77°32'18.16916"W	0°35'01.07115"	0.999952955
107a	3769811.542	11761781.430	261.3	1149040.856	3584998.150	79.64	37°40'20.71492"N	77°32'11.34127"W	0°35'05.21517"	0.999952167
108	3750365.770	11761574.561	269.1	1143113.773	3584935.096	82.02	37°37'08.49013"N	77°32'16.37924"W	0°35'02.15750"	0.999947290
108a	3751533.646	11761501.601	280.9	1143469.742	3584912.858	85.62	37°37'20.04346"N	77°32'17.13814"W	0°35'01.69690"	0.999946973
109	3743198.360	11759581.064	283.4	1140929.142	3584327.477	86.38	37°35'57.83080"N	77°32'42.05720"W	0°34'46.57290"	0.999945168
109a	3743367.591	11758987.798	280.1	1140980.724	3584146.649	85.37	37°35'59.56315"N	77°32'49.40764"W	0°34'42.11174"	0.999945359
110	3737762.680	11757169.145	233.6	1139272.344	3583592.323	71.20	37°35'04.33171"N	77°33'12.70384"W	0°34'27.97270"	0.999946531
110a	3737201.620	11756834.266	236.3	1139101.332	3583490.252	72.02	37°34'58.81801"N	77°33'16.93388"W	0°34'25.40539"	0.999946302
111	3731225.548	11750308.832	168.7	1137279.822	3581501.295	51.42	37°34'00.37416"N	77°34'38.72414"W	0°33'35.76484"	0.999948500
111a	3732554.851	11750293.068	228.4	1137684.994	3581496.490	69.62	37°34'13.51780"N	77°34'38.75858"W	0°33'35.74394"	0.999945873
112	3739993.432	11753519.396	343.4	1139952.278	3582479.877	104.67	37°35'26.74522"N	77°33'57.77094"W	0°34'00.62035"	0.999941702
112a	3739424.668	11754015.490	339.2	1139778.918	3582631.087	103.39	37°35'21.07362"N	77°33'51.67744"W	0°34'04.31866"	0.999941796
113R	3746895.199	11753353.237	252.3	1142055.941	3582429.231	76.89	37°36'34.99500"N	77°33'58.98728"W	0°33'59.88213"	0.999947380
113a	3746665.115	11754040.835	256.5	1141985.811	3582638.812	78.18	37°36'32.65299"N	77°33'50.47065"W	0°34'05.05108"	0.999947139
114	3746037.579	11749511.010	227.4	1141794.538	3581258.119	69.31	37°36'26.88925"N	77°34'46.83972"W	0°33'30.83930"	0.999948405
114a	3746027.597	11748594.522	205.1	1141791.495	3580978.773	62.51	37°36'26.87875"N	77°34'58.23006"W	0°33'23.92621"	0.999949468
115	3753662.490	11750878.235	233.9	1144118.615	3581674.850	71.29	37°37'42.13970"N	77°34'28.92054"W	0°33'41.71489"	0.999949683
115a	3754142.911	11750265.966	219.0	1144265.048	3581488.230	66.75	37°37'46.94856"N	77°34'36.47288"W	0°33'37.13118"	0.999950499
116	3758720.690	11755134.845	271.7	1145660.358	3582972.267	82.81	37°38'31.73079"N	77°33'35.38311"W	0°34'14.20808"	0.999949002
116a	3758364.737	11754762.618	268.7	1145551.863	3582858.812	81.90	37°38'28.24837"N	77°33'40.05490"W	0°34'11.37266"	0.999949065
117	3766983.018	11752610.147	254.2	1148178.720	3582202.738	77.48	37°39'53.66173"N	77°34'05.75795"W	0°33'55.77284"	0.999951808
117a	3767507.988	11752749.328	249.8	1148338.732	3582245.160	76.14	37°39'58.83811"N	77°34'03.96256"W	0°33'56.86251"	0.999952148
118	3760612.305	11746130.933	279.6	1146236.923	3580227.869	85.22	37°38'51.30375"N	77°35'27.09946"W	0°33'06.40466"	0.999949071
118a	3761017.072	11744771.358	257.7	1146360.296	3579813.470	78.55	37°38'55.43451"N	77°35'43.95565"W	0°32'56.17422"	0.999950211
119	3751012.765	11747637.070	161.7	1143310.978	3580686.941	49.29	37°37'16.25578"N	77°35'09.52844"W	0°33'17.06895"	0.999952564
119a	3751572.323	11746641.674	204.5	1143481.531	3580383.543	62.33	37°37'21.88287"N	77°35'21.83334"W	0°33'09.60080"	0.999950640

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Pt.	Northing (ft)	Easting (ft)	ELEV (ft)	Northing (m)	Easting (m)	ELEV (m)	Latitude(N)	Longitude(W)	Convergence	Combined Scale Factor
120R	3741956.709	11745149.895	176.9	1140550.686	3579928.848	53.92	37°35'46.96099"N	77°35'41.52134"W	0°32'57.65166"	0.999950020
120aR	3742054.842	11743247.101	154.4	1140580.597	3579348.875	47.05	37°35'48.11090"N	77°36'05.15219"W	0°32'43.30951"	0.999951110
121	3737623.153	11742880.251	223.0	1139229.816	3579237.059	67.97	37°35'04.33174"N	77°36'10.23368"W	0°32'40.22543"	0.999947019
121a	3738582.465	11743224.259	211.6	1139522.214	3579341.913	64.50	37°35'13.78359"N	77°36'05.84660"W	0°32'42.88806"	0.999947737
122	3742597.267	11738402.982	156.0	1140745.929	3577872.385	47.55	37°35'53.92517"N	77°37'05.27838"W	0°32'06.81743"	0.999951144
122a	3742264.145	11738861.674	138.4	1140644.393	3578012.195	42.18	37°35'50.58938"N	77°36'59.61765"W	0°32'10.25307"	0.999951920
123	3746139.211	11741278.161	187.0	1141825.515	3578748.741	57.00	37°36'28.67529"N	77°36'29.13716"W	0°32'28.75244"	0.999950358
123a	3745411.501	11741209.996	174.8	1141603.709	3578727.965	53.28	37°36'21.48721"N	77°36'30.06966"W	0°32'28.18648"	0.999950795
124R	3751867.155	11732422.306	202.5	1143571.396	3576049.471	61.72	37°37'26.11718"N	77°38'18.54004"W	0°31'22.35311"	0.999950807
124a	3751995.241	11731866.238	206.4	1143610.437	3575879.981	62.91	37°37'27.43361"N	77°38'25.43732"W	0°31'18.16698"	0.999950648
125	3757779.082	11747079.608	282.6	1145373.355	3580517.026	86.14	37°38'23.20316"N	77°35'15.64448"W	0°33'13.35697"	0.999948275
125a	3758206.265	11746466.194	258.4	1145503.561	3580330.057	78.76	37°38'27.48497"N	77°35'23.21941"W	0°33'08.75955"	0.999949528
126	3761193.595	11739693.012	281.3	1146414.101	3578265.587	85.74	37°38'57.65603"N	77°36'47.07821"W	0°32'17.86357"	0.999949131
126a	3760362.609	11739101.397	273.5	1146160.816	3578085.262	83.36	37°38'49.49553"N	77°36'54.53114"W	0°32'13.34020"	0.999949309
127	3770833.722	11747765.342	261.2	1149352.417	3580726.038	79.61	37°40'32.19918"N	77°35'05.54589"W	0°33'19.48605"	0.999952450
127a	3769838.765	11748244.342	246.7	1149049.154	3580872.038	75.19	37°40'22.31686"N	77°34'59.70817"W	0°33'23.02911"	0.999952887
128	3775679.831	11744225.519	257.8	1150829.514	3579647.098	78.58	37°41'20.44582"N	77°35'48.99844"W	0°32'53.11362"	0.999953886
128a	3776040.080	11743525.017	258.4	1150939.318	3579433.584	78.76	37°41'24.07347"N	77°35'57.67026"W	0°32'47.85048"	0.999953955
129	3774539.696	11738793.080	259.8	1150482.000	3577991.287	79.19	37°41'09.68262"N	77°36'56.71349"W	0°32'12.01568"	0.999953493
129a	3774059.354	11737310.345	278.0	1150335.592	3577539.349	84.73	37°41'05.07076"N	77°37'15.21436"W	0°32'00.78704"	0.999952499
130	3780155.146	11738588.280	267.9	1152193.593	3577928.864	81.66	37°42'05.21705"N	77°36'58.60725"W	0°32'10.86631"	0.999954632
130a	3780171.533	11737746.774	286.7	1152198.588	3577672.372	87.39	37°42'05.45681"N	77°37'09.07583"W	0°32'04.51266"	0.999953740
131	3755607.910	11739470.256	275.5	1144711.581	3578197.691	83.97	37°38'02.45477"N	77°36'50.49976"W	0°32'15.78695"	0.999948133
131a	3756367.002	11739080.262	267.5	1144942.952	3578078.820	81.53	37°38'09.99558"N	77°36'55.25948"W	0°32'12.89815"	0.999948684
132	3765667.672	11729892.544	183.3	1147777.802	3575278.398	55.87	37°39'42.78118"N	77°38'48.43395"W	0°31'04.20976"	0.999954888
133	3779602.598	11733652.609	249.0	1152025.176	3576424.468	75.90	37°42'00.20683"N	77°38'00.08280"W	0°31'33.55526"	0.999955387
134	3778870.841	11734488.447	258.8	1151802.136	3576679.232	78.88	37°41'52.89654"N	77°37'49.76689"W	0°31'39.81625"	0.999954716
135	3771830.944	11732457.185	267.0	1149656.371	3576060.102	81.38	37°40'43.48268"N	77°38'15.83993"W	0°31'23.99187"	0.999952445
136	3772872.812	11731957.983	241.8	1149973.933	3575907.945	73.70	37°40'53.82789"N	77°38'21.93127"W	0°31'20.29489"	0.999953920
137	3773738.506	11731898.954	254.8	1150237.797	3575889.953	77.66	37°41'02.39168"N	77°38'22.56740"W	0°31'19.90881"	0.999953527

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138	3772148.860	11731818.820	233.7	1149753.272	3575865.528	71.23	37°40'46.68325"N	77°38'23.74440"W	0°31'19.19445"	0.999954118
139	3765663.545	11730721.762	202.5	1147776.544	3575531.144	61.72	37°39'42.66616"N	77°38'38.12224"W	0°31'10.46819"	0.999953970
140	3773495.51	11732085.18	249.7	1150163.73	3575946.72	76.11	37°40'59.97258"N	77°38'20.27838"W	0°31'21.29807"	0.999953706
141	3779504.78	11733764.63	249.2	1151995.36	3576458.61	75.96	37°41'59.22961"N	77°37'58.70018"W	0°31'34.39441"	0.999955350
142	3765869.32	11729953.82	178.5	1147839.26	3575297.08	54.41	37°39'44.76926"N	77°38'47.64924"W	0°31'04.68601"	0.999955167
143	3772202.28	11731723.75	230.5	1149769.55	3575836.55	70.26	37°40'47.21994"N	77°38'24.92092"W	0°31'18.48039"	0.999954284
144	MONUMENT NOT FOUND		-	-	-	-	-	-	-	-
145	3774716.87	11732426.51	273.6	1150536.003	3576050.753	83.39	37°41'12.01644"N	77°38'15.89360"W	0°31'23.95930"	0.999952888
146	3764698.92	11730075.51	174.4	1147482.526	3575334.166	53.16	37°39'33.18743"N	77°38'46.26754"W	0°31'05.52460"	0.999955076
148	3774014.70	11731249.59	227.1	1150321.981	3575692.027	69.22	37°41'05.18064"N	77°38'30.61405"W	0°31'15.02509"	0.999954922
149	3773893.72	11731265.48	228.3	1150285.107	3575696.870	69.59	37°41'03.98317"N	77°38'30.43006"W	0°31'15.13676"	0.999954833
150	3773680.03	11731296.74	230.7	1150219.974	3575706.398	70.32	37°41'01.86777"N	77°38'30.06537"W	0°31'15.35810"	0.999954662
151	3773402.05	11731321.87	228.2	1150135.245	3575714.058	69.56	37°40'59.11733"N	77°38'29.78420"W	0°31'15.52875"	0.999954708
152	3773286.14	11731305.28	223.4	1150099.916	3575709.001	68.09	37°40'57.97291"N	77°38'30.00368"W	0°31'15.39554"	0.999954907
153	3773013.82	11731315.43	225.0	1150016.912	3575712.095	68.58	37°40'55.27977"N	77°38'29.90822"W	0°31'15.45348"	0.999954759
154	3772905.51	11731326.47	217.9	1149983.900	3575715.460	66.42	37°40'54.20800"N	77°38'29.78314"W	0°31'15.52939"	0.999955070
155	3772505.45	11731323.54	217.3	1149861.961	3575714.567	66.23	37°40'50.25316"N	77°38'29.86484"W	0°31'15.47981"	0.999954994
156R	3772403.72	11731273.03	220.2	1149830.954	3575699.171	67.12	37°40'49.25197"N	77°38'30.50465"W	0°31'15.09149"	0.999954838
157	3772025.23	11731005.90	217.2	1149715.590	3575617.750	66.20	37°40'45.53412"N	77°38'33.87025"W	0°31'13.04882"	0.999954874
158	3771569.65	11731546.94	222.4	1149576.729	3575782.659	67.79	37°40'40.98151"N	77°38'27.19188"W	0°31'17.10210"	0.999954507
159	3767962.09	11730538.71	204.8	1148477.142	3575475.350	62.42	37°40'05.40668"N	77°38'40.13962"W	0°31'09.24379"	0.999954430
160	3767909.79	11730618.03	206.1	1148461.201	3575499.527	62.82	37°40'04.88252"N	77°38'39.15901"W	0°31'09.83894"	0.999954355
161	3766318.81	11730133.49	167.0	1147976.269	3575351.839	50.90	37°39'49.19699"N	77°38'45.36427"W	0°31'06.07282"	0.999955826
162	3766318.27	11730135.09	167.3	1147976.105	3575352.326	50.99	37°39'49.19151"N	77°38'45.34444"W	0°31'06.08486"	0.999955811
163	3765814.81	11730104.52	181.1	1147822.650	3575343.009	55.20	37°39'44.21688"N	77°38'45.78125"W	0°31'05.81974"	0.999955029
164	3765685.49	11730100.59	182.8	1147783.233	3575341.811	55.72	37°39'42.93874"N	77°38'45.84468"W	0°31'05.78125"	0.999954916
165	3763855.09	11729397.14	161.5	1147225.326	3575127.399	49.23	37°39'24.90563"N	77°38'54.79811"W	0°31'00.34718"	0.999955488
174	3775148.81	11731228.67	233.9	1150667.659	3575685.650	71.29	37°41'16.39461"N	77°38'30.74604"W	0°31'14.94498"	0.999954899
175	3775105.75	11731193.83	233.5	1150654.534	3575675.031	71.17	37°41'15.97204"N	77°38'31.18433"W	0°31'14.67897"	0.999954906
176	3764742.81	11729193.44	154.0	1147495.904	3575065.311	46.94	37°39'33.70008"N	77°38'57.23168"W	0°30'58.87019"	0.999956061

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177	3764720.94	11729632.88	152.2	1147489.238	3575199.253	46.39	37°39'33.44467"N	77°38'51.76943"W	0°31'02.18537"	0.999956142
178	3763887.82	11729021.46	152.8	1147235.302	3575012.891	46.57	37°39'25.26268"N	77°38'59.46611"W	0°30'57.51406"	0.999955912
184	3762705.33	11729072.96	150.8	1146874.878	3575028.589	45.96	37°39'13.56761"N	77°38'58.95814"W	0°30'57.82236"	0.999955724
185	3762702.67	11729081.64	151.0	1146874.068	3575031.234	46.02	37°39'13.54054"N	77°38'58.85051"W	0°30'57.88769"	0.999955714
ECM1	3781662.82	11734367.75	277.8	1152653.133	3576642.444	84.67	37°42'20.50958"N	77°37'50.94876"W	0°31'39.09894"	0.999954587
ECM2	3766353.71	11730089.20	172.5	1147986.907	3575338.339	52.58	37°39'49.54598"N	77°38'45.91115"W	0°31'05.74090"	0.999955572
Pt.	Northing (ft)	Easting (ft)	ELEV (ft)	Northing (m)	Easting (m)	ELEV (m)	Latitude(N)	Longitude(W)	Convergence	Grid Scale Factor
170	3774860.85	11732027.24	-	1150579.888	3575929.055	-	37°41'13.47589"N	77°38'20.84424"W	0°31'20.95463"	0.999960914
171	3775004.83	11731627.96	-	1150623.774	3575807.354	-	37°41'14.93528"N	77°38'25.79505"W	0°31'17.94986"	0.999960954
172R	3774560.22	11731221.71	-	1150488.256	3575683.529	-	37°41'10.57629"N	77°38'30.89919"W	0°31'14.85204"	0.999960836
173	3771797.44	11731276.43	-	1149646.159	3575700.208	-	37°40'43.25782"N	77°38'30.53091"W	0°31'15.07555"	0.999960110
179	3766849.14	11730295.00	-	1148137.914	3575401.067	-	37°39'54.42554"N	77°38'43.29597"W	0°31'07.32812"	0.999958855
180	3767379.46	11730456.51	-	1148299.556	3575450.296	-	37°39'59.65399"N	77°38'41.22759"W	0°31'08.58347"	0.999958986
181	3763276.42	11729238.71	-	1147048.947	3575079.109	-	37°39'19.19883"N	77°38'56.83308"W	0°30'59.11211"	0.999957984
wwa01	3781181.28	11734233.17	-	1152506.359	3576601.424	-	37°42'15.76123"N	77°37'52.67851"W	0°31'38.04911"	0.999962641
wwa02	3780699.73	11734098.59	-	1152359.583	3576560.404	-	37°42'11.01278"N	77°37'54.40821"W	0°31'36.99932"	0.999962506
wwa03	3780218.18	11733964.01	-	1152212.806	3576519.384	-	37°42'06.26431"N	77°37'56.13784"W	0°31'35.94956"	0.999962372
wwa04	3779736.63	11733829.42	-	1152066.029	3576478.361	-	37°42'01.51584"N	77°37'57.86754"W	0°31'34.89976"	0.999962238
wwa05	3779413.33	11733739.07	-	1151967.487	3576450.822	-	37°41'58.32784"N	77°37'59.02865"W	0°31'34.19506"	0.999962148
wwa06	3778498.56	11733483.41	-	1151688.665	3576372.896	-	37°41'49.30743"N	77°38'02.31406"W	0°31'32.20106"	0.999961896

