

Henrico County, Virginia

Survey Monumentation and Control Project (Revised January 2014)

Horizontal Datum: NAD 83 (93) SPC VA_S

Vertical Datum: NAVD 88

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
10	3740243.735	11766123.897	262.600	1140028.571	3586321.737	80.041	37°35'27.95823"N	77°31'21.13922"W	0.99994560	0°35'35.68404"
100	3737390.194	11770021.686	240.900	1139158.810	3587509.785	73.426	37°34'59.34535"N	77°30'33.08468"W	0.99994611	0°36'04.84953"
100A	3736384.819	11771392.865	219.200	1138852.371	3587927.721	66.812	37°34'49.26323"N	77°30'16.18250"W	0.99994696	0°36'15.10789"
101	3741845.051	11769580.629	201.800	1140516.653	3587375.351	61.509	37°35'43.43337"N	77°30'37.98379"W	0.99994880	0°36'01.87614"
101A	3741724.449	11768293.841	225.600	1140479.893	3586983.137	68.763	37°35'42.37410"N	77°30'53.98758"W	0.99994764	0°35'52.16305"
102	3755420.202	11770314.895	229.500	1144654.367	3587599.156	69.952	37°37'57.56508"N	77°30'27.08735"W	0.99995026	0°36'08.48946"
102AR	3755767.128	11770878.522	238.200	1144760.110	3587770.949	72.604	37°38'00.93623"N	77°30'20.03547"W	0.99994992	0°36'12.76943"
103	3746677.662	11767628.855	221.400	1141989.635	3586780.449	67.483	37°36'31.41172"N	77°31'01.60912"W	0.99994881	0°35'47.53734"
103A	3745959.013	11766449.197	231.900	1141770.591	3586420.888	70.683	37°36'24.42810"N	77°31'16.36140"W	0.99994816	0°35'38.58381"
104	3750423.511	11765525.774	296.300	1143131.373	3586139.429	90.312	37°37'08.66002"N	77°31'27.26309"W	0.99994600	0°35'31.96731"
104A	3749580.720	11765974.794	287.300	1142874.489	3586276.290	87.569	37°37'00.28202"N	77°31'21.79076"W	0.99994625	0°35'35.28860"
105	3754261.092	11762252.148	331.400	1144301.070	3585141.625	101.011	37°37'46.93207"N	77°32'07.46295"W	0.99994515	0°35'07.56901"
105A	3753540.499	11762883.570	314.400	1144081.432	3585334.083	95.829	37°37'39.74423"N	77°31'59.70576"W	0.99994580	0°35'12.27705"
106	3761403.605	11761756.273	293.900	1146478.112	3584990.482	89.581	37°38'57.59486"N	77°32'12.72111"W	0.99994856	0°35'04.37771"
106A	3761429.069	11762591.128	292.000	1146485.873	3585244.947	89.002	37°38'57.76227"N	77°32'02.33744"W	0.99994865	0°35'10.67981"
107	3770616.151	11761224.264	249.100	1149286.102	3584828.326	75.926	37°40'28.72559"N	77°32'18.16916"W	0.99995296	0°35'01.07115"
107A	3769811.542	11761781.430	261.300	1149040.856	3584998.150	79.644	37°40'20.71492"N	77°32'11.34127"W	0.99995217	0°35'05.21517"
108	3750365.770	11761574.561	269.100	1143113.773	3584935.096	82.022	37°37'08.49013"N	77°32'16.37924"W	0.99994729	0°35'02.15750"
108A	3751533.646	11761501.601	280.900	1143469.742	3584912.858	85.618	37°37'20.04346"N	77°32'17.13814"W	0.99994697	0°35'01.69690"
109	3743198.360	11759581.064	283.400	1140929.142	3584327.477	86.380	37°35'57.83080"N	77°32'42.05720"W	0.99994517	0°34'46.57290"
109A	3743367.591	11758987.798	280.100	1140980.724	3584146.649	85.375	37°35'59.56315"N	77°32'49.40764"W	0.99994536	0°34'42.11174"
10A	3739624.211	11766976.757	254.300	1139839.739	3586581.689	77.511	37°35'21.74596"N	77°31'10.62310"W	0.99994588	0°35'42.06653"
11	3744985.760	11780800.493	171.400	1141473.943	3590795.172	52.243	37°36'13.29793"N	77°28'18.15426"W	0.99995084	0°37'26.74216"
110	3737762.680	11757169.145	233.600	1139272.344	3583592.323	71.201	37°35'04.33171"N	77°33'12.70384"W	0.99994653	0°34'27.97270"
110A	3737201.620	11756834.266	236.300	1139101.332	3583490.252	72.024	37°34'58.81801"N	77°33'16.93388"W	0.99994630	0°34'25.40539"
111	3731225.548	11750308.832	168.700	1137279.822	3581501.295	51.420	37°34'00.37416"N	77°34'38.72414"W	0.99994850	0°33'35.76484"
111A	3732554.851	11750293.068	228.400	1137684.994	3581496.490	69.616	37°34'13.51780"N	77°34'38.75858"W	0.99994587	0°33'35.74394"

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112	3739993.432	11753519.396	343.400	1139952.278	3582479.877	104.669	37°35'26.74522"N	77°33'57.77094"W	0.99994170	0°34'00.62035"
112A	3739424.668	11754015.490	339.200	1139778.918	3582631.087	103.388	37°35'21.07362"N	77°33'51.67744"W	0.99994180	0°34'04.31866"
113A	3746665.115	11754040.835	256.500	1141985.811	3582638.812	78.181	37°36'32.65299"N	77°33'50.47065"W	0.99994714	0°34'05.05108"
113R	3746895.199	11753353.237	252.261	1142055.941	3582429.232	76.889	37°36'34.99500"N	77°33'58.98728"W	0.99994738	0°33'59.88213"
114	3746037.579	11749511.010	227.400	1141794.538	3581258.119	69.312	37°36'26.88925"N	77°34'46.83972"W	0.99994841	0°33'30.83930"
114A	3746027.597	11748594.522	205.100	1141791.495	3580978.773	62.515	37°36'26.87875"N	77°34'58.23006"W	0.99994947	0°33'23.92621"
115	3753662.490	11750878.235	233.900	1144118.615	3581674.850	71.293	37°37'42.13970"N	77°34'28.92054"W	0.99994968	0°33'41.71489"
115A	3754142.911	11750265.966	219.000	1144265.048	3581488.230	66.751	37°37'46.94856"N	77°34'36.47288"W	0.99995050	0°33'37.13118"
116	3758720.690	11755134.845	271.700	1145660.358	3582972.267	82.814	37°38'31.73079"N	77°33'35.38311"W	0.99994900	0°34'14.20808"
116A	3758364.737	11754762.618	268.700	1145551.863	3582858.812	81.900	37°38'28.24837"N	77°33'40.05490"W	0.99994907	0°34'11.37266"
117	3766983.018	11752610.147	254.200	1148178.720	3582202.738	77.480	37°39'53.66173"N	77°34'05.75795"W	0.99995181	0°33'55.77284"
117A	3767507.988	11752749.328	249.800	1148338.732	3582245.160	76.139	37°39'58.83811"N	77°34'03.96256"W	0.99995215	0°33'56.86251"
118	3760612.305	11746130.933	279.600	1146236.923	3580227.869	85.222	37°38'51.30375"N	77°35'27.09946"W	0.99994907	0°33'06.40466"
118A	3761017.072	11744771.358	257.700	1146360.296	3579813.470	78.547	37°38'55.43451"N	77°35'43.95565"W	0.99995021	0°32'56.17422"
119	3751012.765	11747637.070	161.700	1143310.978	3580686.941	49.286	37°37'16.25578"N	77°35'09.52844"W	0.99995256	0°33'17.06895"
119A	3751572.323	11746641.674	204.500	1143481.531	3580383.543	62.332	37°37'21.88287"N	77°35'21.83334"W	0.99995064	0°33'09.60080"
11A	3744185.540	11780930.566	165.300	1141230.035	3590834.819	50.384	37°36'05.37272"N	77°28'16.64631"W	0.99995098	0°37'27.65737"
12	3762300.021	11781275.162	209.600	1146751.340	3590939.852	63.886	37°39'04.41928"N	77°28'09.90711"W	0.99995277	0°37'31.74756"
120AR	3742054.842	11743247.101	154.369	1140580.597	3579348.875	47.052	37°35'48.11090"N	77°36'05.15219"W	0.99995111	0°32'43.30951"
120R	3741956.709	11745149.895	176.908	1140550.686	3579928.848	53.922	37°35'46.96099"N	77°35'41.52134"W	0.99995002	0°32'57.65166"
121	3737623.153	11742880.251	223.000	1139229.816	3579237.059	67.971	37°35'04.33174"N	77°36'10.23368"W	0.99994702	0°32'40.22543"
121A	3738582.465	11743224.259	211.600	1139522.214	3579341.913	64.496	37°35'13.78359"N	77°36'05.84660"W	0.99994774	0°32'42.88806"
122	3742597.267	11738402.982	156.000	1140745.929	3577872.385	47.549	37°35'53.92517"N	77°37'05.27838"W	0.99995114	0°32'06.81743"
122A	3742264.145	11738861.674	138.400	1140644.393	3578012.195	42.184	37°35'50.58938"N	77°36'59.61765"W	0.99995192	0°32'10.25307"
123	3746139.211	11741278.161	187.000	1141825.515	3578748.741	56.998	37°36'28.67529"N	77°36'29.13716"W	0.99995036	0°32'28.75244"
123A	3745411.501	11741209.996	174.800	1141603.709	3578727.965	53.279	37°36'21.48721"N	77°36'30.06966"W	0.99995080	0°32'28.18648"
124A	3751995.241	11731866.238	206.400	1143610.437	3575879.981	62.911	37°37'27.43361"N	77°38'25.43732"W	0.99995065	0°31'18.16698"
124R	3751867.155	11732422.306	202.500	1143571.396	3576049.471	61.722	37°37'26.11718"N	77°38'18.54004"W	0.99995081	0°31'22.35311"
125	3757779.082	11747079.608	282.600	1145373.355	3580517.026	86.137	37°38'23.20316"N	77°35'15.64448"W	0.99994828	0°33'13.35697"
125A	3758206.265	11746466.194	258.400	1145503.561	3580330.057	78.760	37°38'27.48497"N	77°35'23.21941"W	0.99994953	0°33'08.75955"
126	3761193.595	11739693.012	281.300	1146414.101	3578265.587	85.740	37°38'57.65603"N	77°36'47.07821"W	0.99994913	0°32'17.86357"
126A	3760362.609	11739101.397	273.500	1146160.816	3578085.262	83.363	37°38'49.49553"N	77°36'54.53114"W	0.99994931	0°32'13.34020"
127	3770833.722	11747765.342	261.200	1149352.417	3580726.038	79.614	37°40'32.19918"N	77°35'05.54589"W	0.99995245	0°33'19.48605"
127A	3769838.765	11748244.342	246.700	1149049.154	3580872.038	75.194	37°40'22.31686"N	77°34'59.70817"W	0.99995289	0°33'23.02911"
128	3775679.831	11744225.519	257.800	1150829.514	3579647.098	78.578	37°41'20.44582"N	77°35'48.99844"W	0.99995389	0°32'53.11362"

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128A	3776040.080	11743525.017	258.400	1150939.318	3579433.584	78.760	37°41'24.07347"N	77°35'57.67026"W	0.99995396	0°32'47.85048"
129	3774539.696	11738793.080	259.800	1150482.000	3577991.287	79.187	37°41'09.68262"N	77°36'56.71349"W	0.99995349	0°32'12.01568"
129A	3774059.354	11737310.345	278.000	1150335.592	3577539.349	84.735	37°41'05.07076"N	77°37'15.21436"W	0.99995250	0°32'00.78704"
12AR	3761697.856	11781730.762	207.699	1146567.800	3591078.718	63.307	37°38'58.41697"N	77°28'04.32403"W	0.99995271	0°37'35.13607"
130	3780155.146	11738588.280	267.900	1152193.593	3577928.864	81.656	37°42'05.21705"N	77°36'58.60725"W	0.99995463	0°32'10.86631"
130A	3780171.533	11737746.774	286.700	1152198.588	3577672.372	87.386	37°42'05.45681"N	77°37'09.07583"W	0.99995374	0°32'04.51266"
131	3755607.910	11739470.256	275.500	1144711.581	3578197.691	83.973	37°38'02.45477"N	77°36'50.49976"W	0.99994813	0°32'15.78695"
131A	3756367.002	11739080.262	267.500	1144942.952	3578078.820	81.534	37°38'09.99558"N	77°36'55.25948"W	0.99994868	0°32'12.89815"
132	3765667.672	11729892.544	183.300	1147777.802	3575278.398	55.870	37°39'42.78118"N	77°38'48.43395"W	0.99995489	0°31'04.20976"
133	3779602.598	11733652.609	249.000	1152025.176	3576424.468	75.895	37°42'00.20683"N	77°38'00.08280"W	0.99995539	0°31'33.55526"
134	3778870.841	11734488.447	258.800	1151802.136	3576679.232	78.882	37°41'52.89654"N	77°37'49.76689"W	0.99995472	0°31'39.81625"
135	3771830.944	11732457.185	267.000	1149656.371	3576060.102	81.382	37°40'43.48268"N	77°38'15.83993"W	0.99995245	0°31'23.99187"
136	3772872.812	11731957.983	241.800	1149973.933	3575907.945	73.701	37°40'53.82789"N	77°38'21.93127"W	0.99995392	0°31'20.29489"
137	3773738.506	11731898.954	254.800	1150237.797	3575889.953	77.663	37°41'02.39168"N	77°38'22.56740"W	0.99995353	0°31'19.90881"
138	3772148.860	11731818.820	233.700	1149753.272	3575865.528	71.232	37°40'46.68325"N	77°38'23.74440"W	0.99995412	0°31'19.19445"
139	3765663.545	11730721.762	202.500	1147776.544	3575531.144	61.722	37°39'42.66616"N	77°38'38.12224"W	0.99995397	0°31'10.46819"
13A	3753800.397	11791081.164	186.500	1144160.649	3593928.727	56.845	37°37'39.31501"N	77°26'09.17080"W	0.99995193	0°38'45.02542"
13R	3755638.793	11792322.708	190.000	1144720.994	3594307.150	57.912	37°37'57.35105"N	77°25'53.47969"W	0.99995216	0°38'54.54875"
14	3737918.707	11798973.162	187.300	1139319.901	3596334.213	57.089	37°35'01.41473"N	77°24'33.35404"W	0.99994873	0°39'43.17900"
140	3773495.510	11732085.180	249.700	1150163.732	3575946.715	76.109	37°40'59.97258"N	77°38'20.27838"W	0.99995371	0°31'21.29807"
141	3779504.780	11733764.630	249.200	1151995.361	3576458.613	75.956	37°41'59.22961"N	77°37'58.70018"W	0.99995535	0°31'34.39441"
142	3765869.320	11729953.820	178.500	1147839.265	3575297.075	54.407	37°39'44.76926"N	77°38'47.64924"W	0.99995517	0°31'04.68601"
143	3772202.280	11731723.750	230.500	1149769.555	3575836.551	70.257	37°40'47.21994"N	77°38'24.92092"W	0.99995428	0°31'18.48039"
145	3774716.870	11732426.510	273.600	1150536.003	3576050.753	83.393	37°41'12.01644"N	77°38'15.89360"W	0.99995289	0°31'23.95930"
146	3764698.920	11730075.510	174.400	1147482.526	3575334.166	53.157	37°39'33.18743"N	77°38'46.26754"W	0.99995508	0°31'05.52460"
148	3774014.700	11731249.590	227.100	1150321.981	3575692.027	69.220	37°41'05.18064"N	77°38'30.61405"W	0.99995492	0°31'15.02509"
149	3773893.720	11731265.480	228.300	1150285.107	3575696.870	69.586	37°41'03.98317"N	77°38'30.43006"W	0.99995483	0°31'15.13676"
14A	3737080.927	11799596.061	201.100	1139064.545	3596524.073	61.295	37°34'53.06101"N	77°24'25.73640"W	0.99994793	0°39'47.80233"
15	3729850.525	11808847.659	163.800	1136860.714	3599343.966	49.926	37°33'40.50521"N	77°22'31.87989"W	0.99994847	0°40'56.90468"
150	3773680.030	11731296.740	230.700	1150219.974	3575706.398	70.318	37°41'01.86777"N	77°38'30.06537"W	0.99995466	0°31'15.35810"
151	3773402.050	11731321.870	228.200	1150135.245	3575714.058	69.555	37°40'59.11733"N	77°38'29.78420"W	0.99995471	0°31'15.52875"
152	3773286.140	11731305.280	223.400	1150099.916	3575709.001	68.092	37°40'57.97291"N	77°38'30.00368"W	0.99995491	0°31'15.39554"
153	3773013.820	11731315.430	225.000	1150016.912	3575712.095	68.580	37°40'55.27977"N	77°38'29.90822"W	0.99995476	0°31'15.45348"
154	3772905.510	11731326.470	217.900	1149983.900	3575715.460	66.416	37°40'54.20800"N	77°38'29.78314"W	0.99995507	0°31'15.52939"
155	3772505.450	11731323.540	217.300	1149861.961	3575714.567	66.233	37°40'50.25316"N	77°38'29.86484"W	0.99995499	0°31'15.47981"

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156R	3772403.720	11731273.030	220.200	1149830.954	3575699.171	67.120	37°40'49.25197"N	77°38'30.50465"W	0.99995484	0°31'15.09149"
157	3772025.230	11731005.900	217.200	1149715.590	3575617.750	66.203	37°40'45.53412"N	77°38'33.87025"W	0.99995487	0°31'13.04882"
158	3771569.650	11731546.940	222.400	1149576.729	3575782.659	67.788	37°40'40.98151"N	77°38'27.19188"W	0.99995451	0°31'17.10210"
159	3767962.090	11730538.710	204.800	1148477.142	3575475.350	62.423	37°40'05.40668"N	77°38'40.13962"W	0.99995443	0°31'09.24379"
15A	3728458.158	11809558.051	160.300	1136436.320	3599560.493	48.860	37°33'26.65616"N	77°22'23.26395"W	0.99994841	0°41'02.13391"
16	3720590.040	11823952.527	164.000	1134038.112	3603947.938	49.987	37°32'07.13396"N	77°19'25.72670"W	0.99994705	0°42'49.88567"
160	3767909.790	11730618.030	206.100	1148461.201	3575499.527	62.819	37°40'04.88252"N	77°38'39.15901"W	0.99995436	0°31'09.83894"
161	3766318.810	11730133.490	167.000	1147976.269	3575351.839	50.902	37°39'49.19699"N	77°38'45.36427"W	0.99995583	0°31'06.07282"
162	3766318.270	11730135.090	167.300	1147976.105	3575352.326	50.993	37°39'49.19151"N	77°38'45.34444"W	0.99995581	0°31'06.08486"
163	3765814.810	11730104.520	181.100	1147822.650	3575343.009	55.199	37°39'44.21688"N	77°38'45.78125"W	0.99995503	0°31'05.81974"
164	3765685.490	11730100.590	182.800	1147783.233	3575341.811	55.718	37°39'42.93874"N	77°38'45.84468"W	0.99995492	0°31'05.78125"
165	3763855.090	11729397.140	161.500	1147225.326	3575127.399	49.225	37°39'24.90563"N	77°38'54.79811"W	0.99995549	0°31'00.34718"
16A	3721058.204	11824718.892	164.300	1134180.809	3604181.527	50.079	37°32'11.66784"N	77°19'16.13999"W	0.99994710	0°42'55.70409"
17	3715166.921	11830193.611	161.500	1132385.142	3605850.225	49.225	37°31'12.74390"N	77°18'09.10020"W	0.99994644	0°43'36.39220"
170	3774860.850	11732027.240	-9999.000	1150579.888	3575929.055	-9999.000	37°41'13.47589"N	77°38'20.84424"W	-9999.00000000	0°31'20.95463"
171	3775004.830	11731627.960	-9999.000	1150623.774	3575807.354	-9999.000	37°41'14.93528"N	77°38'25.79505"W	-9999.00000000	0°31'17.94986"
172R	3774560.220	11731221.710	0.000	1150488.256	3575683.529	0.000	37°41'10.57629"N	77°38'30.89919"W	0.99996084	0°31'14.85204"
173	3771797.440	11731276.430	-9999.000	1149646.159	3575700.208	-9999.000	37°40'43.25782"N	77°38'30.53091"W	-9999.00000000	0°31'15.07555"
174	3775148.810	11731228.670	233.900	1150667.659	3575685.650	71.293	37°41'16.39461"N	77°38'30.74604"W	0.99995490	0°31'14.94498"
175	3775105.750	11731193.830	233.500	1150654.534	3575675.031	71.171	37°41'15.97204"N	77°38'31.18433"W	0.99995491	0°31'14.67897"
176	3764742.810	11729193.440	154.000	1147495.904	3575065.311	46.939	37°39'33.70008"N	77°38'57.23168"W	0.99995606	0°30'58.87019"
177	3764720.940	11729632.880	152.200	1147489.238	3575199.253	46.391	37°39'33.44467"N	77°38'51.76943"W	0.99995614	0°31'02.18537"
178	3763887.820	11729021.460	152.800	1147235.302	3575012.891	46.574	37°39'25.26268"N	77°38'59.46611"W	0.99995591	0°30'57.51406"
179	3766849.140	11730295.000	-9999.000	1148137.914	3575401.067	-9999.000	37°39'54.42554"N	77°38'43.29597"W	-9999.00000000	0°31'07.32812"
17A	3713969.654	11829988.282	159.000	1132020.215	3605787.640	48.463	37°31'00.93315"N	77°18'11.83716"W	0.99994641	0°43'34.73107"
18	3700466.965	11827787.522	156.200	1127904.587	3605116.847	47.610	37°28'47.71630"N	77°18'41.26213"W	0.99994508	0°43'16.87233"
180	3767379.460	11730456.510	-9999.000	1148299.556	3575450.296	-9999.000	37°39'59.65399"N	77°38'41.22759"W	-9999.00000000	0°31'08.58347"
181	3763276.420	11729238.710	-9999.000	1147048.947	3575079.109	-9999.000	37°39'19.19883"N	77°38'56.83308"W	-9999.00000000	0°30'59.11211"
184	3762705.330	11729072.960	150.800	1146874.878	3575028.589	45.964	37°39'13.56761"N	77°38'58.95814"W	0.99995572	0°30'57.82236"
185	3762702.670	11729081.640	151.000	1146874.068	3575031.234	46.025	37°39'13.54054"N	77°38'58.85051"W	0.99995571	0°30'57.88769"
18A	3699831.119	11828953.013	159.100	1127710.781	3605472.090	48.494	37°28'41.28478"N	77°18'26.90332"W	0.99994488	0°43'25.58705"
19	3703269.721	11841115.046	146.800	1128758.869	3609179.085	44.745	37°29'13.73413"N	77°15'55.47420"W	0.99994579	0°44'57.49314"
19A	3702865.987	11842260.938	144.900	1128635.810	3609528.353	44.166	37°29'09.59431"N	77°15'41.32331"W	0.99994584	0°45'06.08166"
1A	3768027.079	11739399.043	279.500	1148496.951	3578175.985	85.192	37°40'05.24113"N	77°36'49.93581"W	0.99995087	0°32'16.12922"
1R	3769909.279	11738881.541	290.759	1149070.646	3578018.250	88.624	37°40'23.8970"N	77°36'56.1527"W	0.99995100	0°32'13.26"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
2	3764096.748	11750126.159	245.100	1147298.984	3581445.617	74.707	37°39'25.36861"N	77°34'37.00091"W	0.99995154	0°33'36.81072"
20	3702678.629	11856405.002	132.000	1128578.703	3613839.473	40.234	37°29'05.87132"N	77°12'45.87944"W	0.99994642	0°46'52.56291"
20A	3701755.024	11856245.206	132.000	1128297.188	3613790.767	40.234	37°28'56.76191"N	77°12'48.01808"W	0.99994634	0°46'51.26492"
21A	3711184.934	11845405.554	127.500	1131171.430	3610486.834	38.862	37°30'31.42768"N	77°15'00.94367"W	0.99994756	0°45'30.58907"
21R	3710832.228	11842961.636	135.800	1131063.925	3609741.927	41.392	37°30'28.25954"N	77°15'31.33058"W	0.99994713	0°45'12.14650"
22	3753860.297	11768353.121	237.600	1144178.907	3587001.206	72.421	37°37'42.34666"N	77°30'51.67666"W	0.99994953	0°35'53.56560"
22AR	3754635.411	11768280.282	229.352	1144415.162	3586979.004	69.907	37°37'50.01716"N	77°30'52.48150"W	0.99995009	0°35'53.07712"
23	3706226.468	11808078.737	143.400	1129660.087	3599109.598	43.708	37°29'47.04034"N	77°22'44.91270"W	0.99994628	0°40'48.99474"
23A	3705611.390	11808676.039	151.400	1129472.611	3599291.656	46.147	37°29'40.88925"N	77°22'37.59199"W	0.99994583	0°40'53.43786"
24	3707879.749	11804301.513	122.600	1130164.008	3597958.297	37.369	37°30'03.82618"N	77°23'31.54094"W	0.99994745	0°40'20.69491"
24A	3707247.413	11804350.633	133.100	1129971.272	3597973.269	40.569	37°29'57.56895"N	77°23'31.02351"W	0.99994688	0°40'21.00895"
25	3701389.433	11814583.032	138.000	1128185.756	3601092.111	42.062	37°28'58.44837"N	77°21'24.93247"W	0.99994604	0°41'37.53673"
25A	3701793.666	11813707.315	146.900	1128308.966	3600825.192	44.775	37°29'02.54948"N	77°21'35.73608"W	0.99994565	0°41'30.97975"
26	3687059.619	11807814.985	152.200	1123818.020	3599029.206	46.391	37°26'37.57903"N	77°22'51.00503"W	0.99994423	0°40'45.29715"
26A	3687167.226	11808673.514	147.100	1123850.818	3599290.886	44.836	37°26'38.54213"N	77°22'40.34374"W	0.99994448	0°40'51.76776"
27	3677624.207	11823420.528	78.000	1120942.100	3603785.785	23.774	37°25'02.42307"N	77°19'38.95664"W	0.99994728	0°42'41.85610"
27AR	3677618.278	11824441.883	79.575	1120940.293	3604097.094	24.255	37°25'02.23884"N	77°19'26.29767"W	0.99994719	0°42'49.53914"
28	3678558.280	11832501.586	31.300	1121226.806	3606553.697	9.540	37°25'10.52772"N	77°17'46.24804"W	0.99994954	0°43'50.26175"
28AR	3679558.869	11831857.182	26.701	1121531.786	3606357.282	8.138	37°25'20.50116"N	77°17'54.07787"W	0.99994980	0°43'45.50962"
29	3680376.216	11844473.533	134.400	1121780.914	3610202.754	40.965	37°25'26.96530"N	77°15'17.55330"W	0.99994470	0°45'20.50828"
29A	3679847.308	11844812.455	124.000	1121619.703	3610306.057	37.795	37°25'21.69210"N	77°15'13.43852"W	0.99994517	0°45'23.00564"
2A	3764466.114	11749537.925	252.400	1147411.566	3581266.322	76.932	37°39'29.07706"N	77°34'44.27087"W	0.99995128	0°33'32.39840"
3	3756458.574	11733910.092	207.700	1144970.863	3576502.949	63.307	37°38'11.37506"N	77°37'59.52325"W	0.99995156	0°31'33.89487"
30	3692763.151	11853160.945	126.400	1125556.460	3612850.682	38.527	37°27'28.27989"N	77°13'27.78801"W	0.99994584	0°46'27.12755"
30A	3693384.970	11853730.916	142.200	1125745.990	3613024.410	43.343	37°27'34.35116"N	77°13'20.61504"W	0.99994513	0°46'31.48101"
31	3689581.767	11837706.134	137.600	1124586.772	3608140.046	41.941	37°26'58.84920"N	77°16'39.96601"W	0.99994508	0°44'30.48996"
31A	3688863.462	11837739.583	133.400	1124367.832	3608150.242	40.660	37°26'51.74349"N	77°16'39.66656"W	0.99994523	0°44'30.67170"
32	3688314.564	11850650.325	146.500	1124200.528	3612085.444	44.653	37°26'44.63410"N	77°13'59.66432"W	0.99994457	0°46'07.78103"
32A	3688420.011	11851509.827	148.900	1124232.668	3612347.420	45.385	37°26'45.56242"N	77°13'48.98917"W	0.99994446	0°46'14.26005"
33	3682560.505	11849689.718	144.600	1122446.687	3611792.650	44.074	37°25'47.87484"N	77°14'12.53032"W	0.99994432	0°45'59.97234"
33A	3682314.665	11850293.599	140.300	1122371.755	3611976.713	42.764	37°25'45.36443"N	77°14'05.08479"W	0.99994451	0°46'04.49121"
34	3675363.372	11846258.269	111.100	1120252.996	3610746.742	33.863	37°24'37.17308"N	77°14'56.25293"W	0.99994561	0°45'33.43600"
34A	3676002.983	11846282.549	129.600	1120447.950	3610754.143	39.502	37°24'43.49335"N	77°14'55.84693"W	0.99994475	0°45'33.68241"
35	3675474.612	11835391.435	51.700	1120286.902	3607434.525	15.758	37°24'39.67537"N	77°17'10.91836"W	0.99994845	0°44'11.70420"
35A	3674819.561	11836328.844	53.300	1120087.242	3607720.247	16.246	37°24'33.07993"N	77°16'59.40470"W	0.99994835	0°44'18.69213"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
36AR2	3672800.849	11834490.294	32.885	1119471.938	3607159.856	10.023	37°24'13.35571"N	77°17'22.51210"W	0.99994925	0°44'04.66768"
36R	3671574.805	11833484.765	33.900	1119098.239	3606853.370	10.333	37°24'01.36174"N	77°17'35.16777"W	0.99994917	0°43'56.98663"
37	3671001.360	11844316.132	48.200	1118923.452	3610154.778	14.691	37°23'54.30219"N	77°15'21.03614"W	0.99994848	0°45'18.39445"
37A	3673577.193	11841557.790	48.100	1119708.568	3609314.033	14.661	37°24'20.12604"N	77°15'54.79990"W	0.99994856	0°44'57.90239"
38	3685272.751	11855203.624	113.900	1123273.381	3613473.292	34.717	37°26'13.95401"N	77°13'03.71725"W	0.99994594	0°46'41.73670"
38A	3684783.688	11855798.460	99.400	1123124.314	3613654.598	30.297	37°26'09.03904"N	77°12'56.42481"W	0.99994660	0°46'46.16266"
39	3681455.018	11828990.289	46.900	1122109.734	3605483.451	14.295	37°25'39.60666"N	77°18'29.31906"W	0.99994893	0°43'24.12087"
39A	3681064.864	11830217.267	35.800	1121990.815	3605857.435	10.912	37°25'35.59600"N	77°18'14.16968"W	0.99994944	0°43'33.31540"
3A	3757054.643	11733995.437	196.200	1145152.546	3576528.963	59.802	37°38'17.26027"N	77°37'58.39419"W	0.99995224	0°31'34.58013"
4	3746609.800	11734063.827	175.700	1141968.951	3576549.808	53.553	37°36'33.99220"N	77°37'58.73657"W	0.99995100	0°31'34.37233"
40	3682581.141	11837957.027	41.600	1122452.977	3608216.519	12.680	37°25'49.60620"N	77°16'37.97933"W	0.99994924	0°44'31.69572"
40A	3682514.266	11838388.307	44.600	1122432.593	3608347.973	13.594	37°25'48.88979"N	77°16'32.64339"W	0.99994909	0°44'34.93423"
41	3685243.298	11844143.843	139.900	1123264.404	3610102.264	42.642	37°26'15.12605"N	77°15'20.84498"W	0.99994469	0°45'18.51048"
41A	3684318.462	11843811.414	150.400	1122982.513	3610000.939	45.842	37°26'06.02609"N	77°15'25.11755"W	0.99994414	0°45'15.91734"
42	3690491.131	11856472.656	151.200	1124863.947	3613860.094	46.086	37°27'05.37369"N	77°12'47.10142"W	0.99994449	0°46'51.82126"
42A	3691326.369	11856934.692	149.600	1125118.528	3614000.922	45.598	37°27'13.56877"N	77°12'41.23051"W	0.99994462	0°46'55.38446"
43	3691254.926	11847644.533	148.900	1125096.752	3611169.276	45.385	37°27'14.10059"N	77°14'36.44999"W	0.99994465	0°45'45.45490"
43A	3690560.827	11848215.263	142.400	1124885.190	3611343.235	43.404	37°27'07.16335"N	77°14'29.48708"W	0.99994491	0°45'49.68086"
44	3691664.703	11829051.470	120.300	1125221.652	3605502.099	36.668	37°27'20.53626"N	77°18'26.96171"W	0.99994606	0°43'25.55161"
44A	3692280.434	11828172.658	108.200	1125409.327	3605234.237	32.979	37°27'26.73324"N	77°18'37.76406"W	0.99994668	0°43'18.99539"
45	3698919.539	11836280.096	143.300	1127432.930	3607705.389	43.678	37°28'31.34782"N	77°16'56.15578"W	0.99994554	0°44'20.66398"
45A	3698988.468	11835553.207	139.100	1127453.940	3607483.833	42.398	37°28'32.12188"N	77°17'05.16160"W	0.99994575	0°44'15.19812"
46	3697886.789	11840750.090	147.000	1127118.148	3609067.846	44.806	37°28'20.56406"N	77°16'00.87443"W	0.99994527	0°44'54.21561"
46A	3697623.050	11841520.667	147.700	1127037.760	3609302.718	45.019	37°28'17.85704"N	77°15'51.35890"W	0.99994522	0°44'59.99081"
47	3703918.308	11836330.925	149.000	1128956.558	3607720.882	45.415	37°29'20.76070"N	77°16'54.72510"W	0.99994575	0°44'21.53229"
47A	3704038.477	11835421.742	154.100	1128993.186	3607443.762	46.970	37°29'22.06457"N	77°17'05.98609"W	0.99994552	0°44'14.69772"
48	3707238.850	11842218.578	147.100	1129968.662	3609515.442	44.836	37°29'52.83106"N	77°15'41.13703"W	0.99994618	0°45'06.19472"
48A	3707726.350	11842833.762	138.900	1130117.252	3609702.950	42.337	37°29'57.57073"N	77°15'33.42409"W	0.99994663	0°45'10.87590"
49	3713357.845	11857721.175	54.000	1131833.735	3614240.643	16.459	37°30'51.27010"N	77°12'27.73709"W	0.99995132	0°47'03.57395"
49A	3713606.519	11858600.475	56.800	1131909.531	3614508.654	17.313	37°30'53.60938"N	77°12'16.78179"W	0.99995122	0°47'10.22299"
4A	3745613.867	11735109.856	164.300	1141665.390	3576868.638	50.079	37°36'24.05080"N	77°37'45.85137"W	0.99995134	0°31'42.19267"
5	3751333.042	11741793.052	232.000	1143408.598	3578905.680	70.714	37°37'19.97539"N	77°36'22.12743"W	0.99994928	0°32'33.00682"
50	3698999.047	11855654.714	124.900	1127457.165	3613610.784	38.070	37°28'29.59522"N	77°12'55.80879"W	0.99994642	0°46'46.53654"
50A	3698837.615	11854800.552	123.000	1127407.960	3613350.435	37.490	37°28'28.11404"N	77°13'06.43141"W	0.99994650	0°46'40.08941"
51	3699812.112	11849924.990	141.100	1127704.987	3611864.361	43.007	37°28'38.39825"N	77°14'06.74808"W	0.99994572	0°46'03.48172"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
51A	3699497.258	11850699.804	129.000	1127609.020	3612100.525	39.319	37°28'35.18279"N	77°13'57.18903"W	0.99994627	0°46'09.28335"
52	3708846.878	11848875.435	164.100	1130458.789	3611544.456	50.018	37°30'07.85687"N	77°14'18.26988"W	0.99994554	0°45'56.48886"
52A	3709755.664	11848461.826	155.000	1130735.788	3611418.388	47.244	37°30'16.89593"N	77°14'23.25182"W	0.99994608	0°45'53.46520"
53	3717469.127	11845377.552	134.200	1133086.856	3610478.299	40.904	37°31'33.55807"N	77°15'00.25854"W	0.99994803	0°45'31.00490"
53A	3718244.547	11845526.724	145.400	1133323.205	3610523.767	44.318	37°31'41.20448"N	77°14'58.27937"W	0.99994760	0°45'32.20610"
54	3713614.366	11834852.445	149.800	1131911.923	3607270.240	45.659	37°30'56.80679"N	77°17'11.52211"W	0.99994680	0°44'11.33777"
54A	3714357.209	11833546.273	155.900	1132138.342	3606872.118	47.518	37°31'04.31640"N	77°17'27.61540"W	0.99994660	0°44'01.57036"
55	3718424.080	11839438.925	161.800	1133377.926	3608668.202	49.317	37°31'43.76995"N	77°16'13.82035"W	0.99994684	0°44'46.35841"
55A	3718126.257	11840518.647	153.600	1133287.150	3608997.302	46.817	37°31'40.68637"N	77°16'00.46555"W	0.99994719	0°44'54.46376"
56	3725837.698	11834115.620	105.600	1135637.602	3607045.655	32.187	37°32'57.74276"N	77°17'18.72015"W	0.99995059	0°44'06.96910"
56A	3725474.954	11832569.813	105.800	1135527.037	3606574.493	32.248	37°32'54.35230"N	77°17'37.97184"W	0.99995053	0°43'55.28478"
57	3685841.116	11819299.062	128.400	1123446.619	3602529.560	39.136	37°26'24.16249"N	77°20'28.79294"W	0.99994529	0°42'11.60920"
57A	3685278.389	11820164.324	134.600	1123275.100	3602793.292	41.026	37°26'18.49398"N	77°20'18.15046"W	0.99994496	0°42'18.06839"
58	3682313.686	11816731.260	142.000	1122371.456	3601746.892	43.282	37°25'49.59901"N	77°21'01.16369"W	0.99994444	0°41'51.96259"
58AR	3683213.653	11816697.326	134.900	1122645.767	3601736.549	41.118	37°25'58.50061"N	77°21'01.44851"W	0.99994483	0°41'51.78973"
59	3675865.804	11814688.918	87.200	1120406.138	3601124.385	26.579	37°24'46.09704"N	77°21'27.45077"W	0.99994677	0°41'36.00831"
59A	3676326.620	11814257.282	81.200	1120546.595	3600992.822	24.750	37°24'50.70452"N	77°21'32.73165"W	0.99994707	0°41'32.80321"
5A	3750769.119	11740710.167	212.100	1143236.714	3578575.616	64.648	37°37'14.50139"N	77°36'35.65314"W	0.99995011	0°32'24.79772"
6	3764381.509	11733839.731	236.500	1147385.779	3576481.503	72.085	37°39'29.71026"N	77°37'59.49355"W	0.99995203	0°31'33.91290"
60A	3689942.271	11810816.783	134.100	1124696.654	3599944.156	40.874	37°27'05.72487"N	77°22'13.35618"W	0.99994528	0°41'08.14718"
60R	3690720.455	11810732.025	140.800	1124933.845	3599918.321	42.916	37°27'13.42840"N	77°22'14.29181"W	0.99994502	0°41'07.57932"
61	3670712.000	11819218.699	89.100	1118835.255	3602505.065	27.158	37°23'54.59814"N	77°20'32.09000"W	0.99994652	0°42'09.60814"
61A	3670412.965	11820361.503	65.300	1118744.109	3602853.392	19.903	37°23'51.50291"N	77°20'17.97385"W	0.99994765	0°42'18.17558"
62	3670675.162	11808003.595	29.600	1118824.027	3599086.694	9.022	37°23'55.57113"N	77°22'51.07491"W	0.99994936	0°40'45.25474"
62A	3671353.098	11807508.994	29.100	1119030.662	3598935.940	8.870	37°24'02.33154"N	77°22'57.10467"W	0.99994940	0°40'41.59513"
63	3679367.928	11805210.336	82.600	1121473.588	3598235.307	25.177	37°25'21.83888"N	77°23'24.42309"W	0.99994713	0°40'25.01490"
63A	3680297.160	11805068.046	92.700	1121756.818	3598191.937	28.255	37°25'31.04232"N	77°23'26.05156"W	0.99994669	0°40'24.02654"
64	3686654.982	11804655.938	119.800	1123694.686	3598066.326	36.515	37°26'33.94705"N	77°23'30.23499"W	0.99994575	0°40'21.48752"
64A	3687015.327	11803924.078	117.200	1123804.519	3597843.255	35.723	37°26'37.59447"N	77°23'39.25734"W	0.99994590	0°40'16.01163"
65	3693873.676	11802811.650	142.800	1125894.948	3597504.186	43.526	37°27'45.52823"N	77°23'52.05811"W	0.99994516	0°40'08.24252"
65A	3692967.546	11802926.806	139.100	1125618.759	3597539.286	42.398	37°27'36.55648"N	77°23'50.76113"W	0.99994527	0°40'09.02969"
66	3701611.592	11803377.033	161.200	1128253.470	3597676.515	49.134	37°29'01.96359"N	77°23'43.92294"W	0.99994496	0°40'13.17996"
66A	3700338.082	11804181.734	152.100	1127865.303	3597921.789	46.360	37°28'49.27990"N	77°23'34.12493"W	0.99994527	0°40'19.12662"
67	3706393.663	11800453.377	152.900	1129711.048	3596785.383	46.604	37°29'49.57793"N	77°24'19.50670"W	0.99994584	0°39'51.58329"
67A	3705202.117	11800734.029	151.200	1129347.864	3596870.926	46.086	37°29'37.76560"N	77°24'16.19583"W	0.99994580	0°39'53.59274"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
68	3695733.576	11807893.828	103.000	1126461.847	3599053.237	31.394	37°28'03.32475"N	77°22'48.75157"W	0.99994721	0°40'46.66483"
68A	3696457.856	11808804.642	110.300	1126682.608	3599330.854	33.620	37°28'10.37835"N	77°22'37.34738"W	0.99994692	0°40'53.58632"
69	3694530.719	11816953.307	139.900	1126095.215	3601814.572	42.642	37°27'50.35552"N	77°20'56.56423"W	0.99994535	0°41'54.75412"
69A	3695222.616	11816954.636	138.500	1126306.106	3601814.977	42.215	37°27'57.19575"N	77°20'56.44311"W	0.99994547	0°41'54.82763"
6A	3764057.672	11734598.760	254.900	1147287.073	3576712.856	77.694	37°39'26.43970"N	77°37'50.09181"W	0.99995108	0°31'39.61905"
7	3739934.321	11749437.933	261.800	1139934.261	3581235.845	79.797	37°35'26.55703"N	77°34'48.48689"W	0.99994559	0°33'29.83958"
70	3695384.961	11823137.250	147.000	1126355.589	3603699.442	44.806	37°27'58.04859"N	77°19'39.73400"W	0.99994507	0°42'41.38430"
70A	3695933.099	11823551.938	148.900	1126522.662	3603825.839	45.385	37°28'03.41675"N	77°19'34.50599"W	0.99994503	0°42'44.55730"
71	3705808.579	11821185.564	163.300	1129532.714	3603104.566	49.774	37°29'41.33936"N	77°20'02.34426"W	0.99994527	0°42'27.66156"
71A	3705307.702	11821893.399	162.400	1129380.046	3603320.315	49.500	37°29'36.30099"N	77°19'53.63840"W	0.99994526	0°42'32.94537"
72	3709176.890	11816539.402	157.200	1130559.377	3601688.413	47.915	37°30'15.20317"N	77°20'59.48459"W	0.99994594	0°41'52.98168"
72A	3709698.472	11815489.046	154.800	1130718.356	3601368.264	47.183	37°30'20.48604"N	77°21'12.44042"W	0.99994611	0°41'45.11847"
73	3714170.785	11809032.759	164.000	1132081.520	3599400.384	49.987	37°31'05.46869"N	77°22'31.90070"W	0.99994621	0°40'56.89205"
73A	3713771.449	11808437.480	167.200	1131959.802	3599218.943	50.963	37°31'01.59076"N	77°22'39.34817"W	0.99994601	0°40'52.37199"
74AR	3714156.478	11816406.802	164.026	1132077.159	3601647.997	49.995	37°31'04.44902"N	77°21'00.37735"W	0.99994619	0°41'52.43984"
74R	3713702.831	11816443.335	164.100	1131938.887	3601659.132	50.018	37°30'59.95973"N	77°20'59.99251"W	0.99994615	0°41'52.67341"
75	3715504.776	11822612.149	161.700	1132488.121	3603539.390	49.286	37°31'17.02445"N	77°19'43.15039"W	0.99994648	0°42'39.31080"
75A	3715698.425	11823338.557	161.800	1132547.145	3603760.800	49.317	37°31'18.84971"N	77°19'34.10408"W	0.99994650	0°42'44.80124"
76	3718613.607	11813712.537	157.800	1133435.694	3600826.783	48.098	37°31'48.83679"N	77°21'33.14953"W	0.99994709	0°41'32.54959"
76A	3718041.787	11814086.780	157.300	1133261.403	3600940.853	47.945	37°31'43.13886"N	77°21'28.58962"W	0.99994703	0°41'35.31712"
77A	3723121.956	11810864.270	155.100	1134809.842	3599958.630	47.275	37°32'33.74653"N	77°22'07.83691"W	0.99994785	0°41'11.49696"
77R	3723548.662	11810564.179	161.100	1134939.901	3599867.162	49.103	37°32'38.0006"N	77°22'11.4994"W	0.99994800	0°41'9.27"
78	3726633.298	11816677.187	162.400	1135880.101	3601730.410	49.500	37°33'07.76583"N	77°20'55.13262"W	0.99994802	0°41'55.62300"
78AR	3727699.447	11816492.540	164.800	1136205.064	3601674.130	50.231	37°33'18.32830"N	77°20'57.26408"W	0.99994807	0°41'54.32936"
79	3723932.843	11823265.148	167.600	1135057.001	3603738.425	51.085	37°32'40.26632"N	77°19'33.74417"W	0.99994736	0°42'45.01967"
79A	3722816.147	11824102.973	169.900	1134716.631	3603993.795	51.786	37°32'29.12326"N	77°19'23.51445"W	0.99994709	0°42'51.22834"
7A	3739065.731	11749166.959	260.700	1139669.514	3581153.252	79.462	37°35'17.99587"N	77°34'51.95857"W	0.99994548	0°33'27.73254"
8	3752803.098	11757910.733	286.200	1143856.672	3583818.359	87.234	37°37'32.95306"N	77°33'01.61154"W	0.99994700	0°34'34.70489"
80A	3724465.898	11828900.435	155.000	1135219.476	3605456.064	47.244	37°32'44.83763"N	77°18'23.69207"W	0.99994803	0°43'27.53603"
80R	3723767.848	11828030.463	148.600	1135006.710	3605190.896	45.293	37°32'38.04516"N	77°18'34.60323"W	0.99994824	0°43'20.91378"
81A	3719991.722	11828038.899	166.300	1133855.745	3605193.467	50.688	37°32'00.71247"N	77°18'35.08965"W	0.99994686	0°43'20.61856"
81R	3720590.314	11828573.752	161.982	1134038.196	3605356.490	49.372	37°32'06.56357"N	77°18'28.35597"W	0.99994713	0°43'24.70539"
82	3731376.719	11812721.268	194.300	1137325.899	3600524.644	59.223	37°33'55.13464"N	77°21'43.54514"W	0.99994726	0°41'26.24024"
82A	3730987.334	11811737.323	190.800	1137207.214	3600224.737	58.156	37°33'51.40217"N	77°21'55.82352"W	0.99994736	0°41'18.78818"
83	3723483.166	11804879.398	114.600	1134919.939	3598134.437	34.930	37°32'38.02010"N	77°23'22.09208"W	0.99994984	0°40'26.42965"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
83A	3723634.275	11804011.570	149.400	1134965.997	3597869.923	45.537	37°32'39.61481"N	77°23'32.84516"W	0.99994820	0°40'19.90334"
84	3729284.586	11799518.445	161.800	1136688.215	3596500.415	49.317	37°33'35.99310"N	77°24'27.82119"W	0.99994848	0°39'46.53702"
84A	3730000.918	11800002.593	157.100	1136906.554	3596647.984	47.884	37°33'43.01955"N	77°24'21.70554"W	0.99994882	0°39'50.24876"
85	3735583.595	11802800.792	188.200	1138608.157	3597500.877	57.363	37°34'37.88937"N	77°23'46.14356"W	0.99994827	0°40'11.83221"
85A	3734977.944	11802543.186	187.100	1138423.554	3597422.358	57.028	37°34'31.93152"N	77°23'49.43136"W	0.99994822	0°40'09.83676"
86	3738525.034	11794610.425	196.100	1139504.709	3595004.448	59.771	37°35'07.90396"N	77°25'27.46557"W	0.99994843	0°39'10.33736"
86AR	3738579.593	11795585.699	196.829	1139521.339	3595301.712	59.994	37°35'08.33331"N	77°25'15.34192"W	0.99994839	0°39'17.69551"
87	3744542.707	11794668.909	188.300	1141338.900	3595022.274	57.394	37°36'07.38955"N	77°25'25.88679"W	0.99994993	0°39'11.29557"
87A	3745174.551	11794431.565	194.700	1141531.486	3594949.931	59.345	37°36'13.66284"N	77°25'28.74654"W	0.99994975	0°39'09.55991"
88	3758756.466	11794858.847	113.500	1145671.262	3595080.167	34.595	37°38'27.88784"N	77°25'21.51095"W	0.99995651	0°39'13.95137"
88A	3758005.938	11793929.524	133.400	1145442.501	3594796.909	40.660	37°38'20.57272"N	77°25'33.17073"W	0.99995539	0°39'06.87476"
89A	3756532.397	11785320.585	194.500	1144993.365	3592172.899	59.284	37°38'06.96005"N	77°27'20.39965"W	0.99995216	0°38'01.79486"
89R	3756520.845	11784184.474	194.100	1144989.844	3591826.612	59.162	37°38'06.96987"N	77°27'34.52465"W	0.99995218	0°37'53.22205"
8A	3753491.035	11757346.180	304.200	1144066.356	3583646.283	92.720	37°37'39.81030"N	77°33'08.54306"W	0.99994629	0°34'30.49798"
9	3764322.075	11765616.296	247.000	1147367.663	3586167.020	75.286	37°39'26.05543"N	77°31'24.35099"W	0.99995149	0°35'33.73473"
90	3762862.649	11784013.268	164.600	1146922.829	3591774.428	50.170	37°39'09.68462"N	77°27'35.78438"W	0.99995504	0°37'52.45749"
90B	3764126.995	11784066.907	175.000	1147308.203	3591790.777	53.340	37°39'22.17828"N	77°27'34.94417"W	0.99995485	0°37'52.96744"
91	3771413.116	11783738.926	135.900	1149529.017	3591690.808	41.422	37°40'34.24537"N	77°27'38.02494"W	0.99995853	0°37'51.09764"
91A	3770589.786	11783562.430	146.800	1149278.065	3591637.012	44.745	37°40'26.12506"N	77°27'40.33291"W	0.99995780	0°37'49.69687"
92	3775366.329	11771861.082	212.200	1150733.959	3588070.434	64.679	37°41'14.59473"N	77°30'05.24393"W	0.99995594	0°36'21.74678"
92A	3775716.322	11772431.296	214.400	1150840.637	3588244.236	65.349	37°41'17.99510"N	77°29'58.10428"W	0.99995593	0°36'26.08000"
93	3767326.408	11771570.317	188.600	1148283.386	3587981.809	57.485	37°39'55.14143"N	77°30'09.91765"W	0.99995500	0°36'18.91018"
93A	3767358.197	11771001.643	196.800	1148293.075	3587808.477	59.985	37°39'55.51503"N	77°30'16.98575"W	0.99995462	0°36'14.62037"
94	3762944.026	11770967.188	201.700	1146947.633	3587797.975	61.478	37°39'11.87935"N	77°30'17.99287"W	0.99995331	0°36'14.00913"
94A	3762026.550	11770829.185	203.700	1146667.986	3587755.911	62.088	37°39'02.82339"N	77°30'19.82904"W	0.99995300	0°36'12.89471"
95	3763891.973	11774741.398	195.100	1147236.568	3588948.356	59.467	37°39'20.85506"N	77°29'30.93695"W	0.99995385	0°36'42.56854"
95A	3764232.879	11775489.333	186.700	1147340.476	3589176.327	56.906	37°39'24.14625"N	77°29'21.59113"W	0.99995433	0°36'48.24075"
96	3758221.421	11775010.274	204.300	1145508.180	3589030.310	62.271	37°38'24.76652"N	77°29'28.34704"W	0.99995208	0°36'44.14041"
96A	3758507.793	11776006.369	207.900	1145595.467	3589333.920	63.368	37°38'27.49223"N	77°29'15.92518"W	0.99995198	0°36'51.67955"
97	3748577.657	11773364.015	208.300	1142568.755	3588528.529	63.490	37°36'49.59932"N	77°29'50.08730"W	0.99994981	0°36'30.94571"
97A	3747989.250	11773740.385	212.000	1142389.408	3588643.247	64.618	37°36'43.74261"N	77°29'45.48760"W	0.99994951	0°36'33.73739"
98	3749778.133	11781385.752	180.500	1142934.661	3590973.560	55.017	37°37'00.61347"N	77°28'10.23166"W	0.99995138	0°37'31.55058"
98A	3749901.106	11782721.341	168.700	1142972.143	3591380.648	51.420	37°37'01.68475"N	77°27'53.61577"W	0.99995196	0°37'41.63518"
99	3738349.101	11775155.375	217.900	1139451.085	3589074.537	66.416	37°35'08.28797"N	77°29'29.18266"W	0.99994737	0°36'43.63326"
99AR	3737444.503	11775026.738	224.300	1139175.363	3589035.328	68.367	37°34'59.35839"N	77°29'30.90075"W	0.99994691	0°36'42.59051"

Pt.	Northing (ft)	Easting (ft)	Elevation (ft)	Northing (m)	Easting (m)	Elevation (m)	Latitude (N)	Longitude (W)	Combined Scale Factor	Convergence
9AR	3765345.649	11764768.035	270.100	1147679.649	3585908.469	82.327	37°39'36.26131"N	77°31'34.76792"W	0.99995063	0°35'27.41244"
ECM1	3781662.820	11734367.750	277.800	1152653.133	3576642.444	84.674	37°42'20.50958"N	77°37'50.94876"W	0.99995459	0°31'39.09894"
ECM2	3766353.710	11730089.200	172.500	1147986.907	3575338.339	52.578	37°39'49.54598"N	77°38'45.91115"W	0.99995557	0°31'05.74090"
WWA01	3781181.280	11734233.170	-9999.000	1152506.359	3576601.424	-9999.000	37°42'15.76123"N	77°37'52.67851"W	-9999.00000000	0°31'38.04911"
WWA02	3780699.730	11734098.590	-9999.000	1152359.583	3576560.404	-9999.000	37°42'11.01278"N	77°37'54.40821"W	-9999.00000000	0°31'36.99932"
WWA03	3780218.180	11733964.010	-9999.000	1152212.806	3576519.384	-9999.000	37°42'06.26431"N	77°37'56.13784"W	-9999.00000000	0°31'35.94956"
WWA04	3779736.630	11733829.420	-9999.000	1152066.029	3576478.361	-9999.000	37°42'01.51584"N	77°37'57.86754"W	-9999.00000000	0°31'34.89976"
WWA05	3779413.330	11733739.070	-9999.000	1151967.487	3576450.822	-9999.000	37°41'58.32784"N	77°37'59.02865"W	-9999.00000000	0°31'34.19506"
WWA06	3778498.560	11733483.410	-9999.000	1151688.665	3576372.896	-9999.000	37°41'49.30743"N	77°38'02.31406"W	-9999.00000000	0°31'32.20106"
WWA07	3778112.010	11733375.380	-9999.000	1151570.844	3576339.969	-9999.000	37°41'45.49571"N	77°38'03.70225"W	-9999.00000000	0°31'31.35853"
WWA08R	3777725.700	11733267.410	252.200	1151453.096	3576307.060	76.860	37°41'41.68636"N	77°38'05.08963"W	0.99996169	0°31'30.51650"
WWA09	3777331.800	11733157.330	-9999.000	1151333.035	3576273.507	-9999.000	37°41'37.80215"N	77°38'06.50409"W	-9999.00000000	0°31'29.65803"
WWA10	3776847.350	11733021.930	-9999.000	1151185.375	3576232.237	-9999.000	37°41'33.02503"N	77°38'08.24383"W	-9999.00000000	0°31'28.60214"
WWA11	3776365.800	11732887.350	-9999.000	1151038.598	3576191.217	-9999.000	37°41'28.27650"N	77°38'09.97298"W	-9999.00000000	0°31'27.55267"
WWA12	3775884.260	11732752.770	-9999.000	1150891.824	3576150.197	-9999.000	37°41'23.52805"N	77°38'11.70206"W	-9999.00000000	0°31'26.50325"
WWA13	3775402.710	11732618.190	-9999.000	1150745.048	3576109.177	-9999.000	37°41'18.77950"N	77°38'13.43109"W	-9999.00000000	0°31'25.45386"
WWA14	3774921.160	11732483.610	-9999.000	1150598.271	3576068.157	-9999.000	37°41'14.03094"N	77°38'15.16005"W	-9999.00000000	0°31'24.40451"
WWA15	3774439.610	11732349.030	-9999.000	1150451.494	3576027.137	-9999.000	37°41'09.28238"N	77°38'16.88896"W	-9999.00000000	0°31'23.35519"
WWA16	3773958.070	11732214.440	-9999.000	1150304.720	3575986.114	-9999.000	37°41'04.53390"N	77°38'18.61793"W	-9999.00000000	0°31'22.30584"
WWA17	3772905.880	11731920.380	-9999.000	1149984.012	3575896.484	-9999.000	37°40'54.15820"N	77°38'22.39527"W	-9999.00000000	0°31'20.01327"
WWA19	3771877.780	11731633.050	-9999.000	1149670.647	3575808.906	-9999.000	37°40'44.02001"N	77°38'26.08589"W	-9999.00000000	0°31'17.77335"
WWA20	3771550.330	11731541.530	-9999.000	1149570.840	3575781.010	-9999.000	37°40'40.79099"N	77°38'27.26136"W	-9999.00000000	0°31'17.05993"
WWA21	3771068.780	11731406.950	-9999.000	1149424.063	3575739.990	-9999.000	37°40'36.04236"N	77°38'28.98984"W	-9999.00000000	0°31'16.01087"
WWA22	3770587.240	11731272.370	-9999.000	1149277.289	3575698.970	-9999.000	37°40'31.29383"N	77°38'30.71825"W	-9999.00000000	0°31'14.96185"
WWA23	3770105.690	11731137.790	-9999.000	1149130.513	3575657.950	-9999.000	37°40'26.54518"N	77°38'32.44661"W	-9999.00000000	0°31'13.91287"
WWA24	3769624.140	11731003.210	-9999.000	1148983.736	3575616.930	-9999.000	37°40'21.79653"N	77°38'34.17491"W	-9999.00000000	0°31'12.86392"
WWA25	3769142.590	11730868.630	-9999.000	1148836.959	3575575.910	-9999.000	37°40'17.04786"N	77°38'35.90315"W	-9999.00000000	0°31'11.81501"
WWA26	3768661.050	11730734.040	-9999.000	1148690.186	3575534.887	-9999.000	37°40'12.29929"N	77°38'37.63144"W	-9999.00000000	0°31'10.76606"
WWA27	3767948.280	11730534.840	-9999.000	1148472.933	3575474.171	-9999.000	37°40'05.27050"N	77°38'40.18931"W	-9999.00000000	0°31'09.21363"
WWA28	3767582.270	11730432.550	-9999.000	1148361.373	3575442.992	-9999.000	37°40'01.66117"N	77°38'41.50273"W	-9999.00000000	0°31'08.41648"
WWA29	3767216.400	11730330.300	-9999.000	1148249.855	3575411.827	-9999.000	37°39'58.05323"N	77°38'42.81561"W	-9999.00000000	0°31'07.61967"
WWA30	3766734.860	11730195.720	-9999.000	1148103.082	3575370.807	-9999.000	37°39'53.30462"N	77°38'44.54354"W	-9999.00000000	0°31'06.57094"