

## Appendix B: Comparison of Converted 1990 NAD 83 Grid to 2015 Computed Grid

Plot ID	1990 NAD27 Plane Grid (Northing ft. Easting ft.)	1990 Plane Grid Converted to NAD83 Geographic Coordinates (Deg)	2015 Computed NAD83 Geographic Coordinates (Deg)	Lat Diff. in ft. 1990-2015	Lon Diff. in ft. 1990- 2015	Total Diff. in ft. 1990-2015
B5	N 226000 E 951000	N 38.452839593 W 76.472406762	N 38.452745 W 76.472376	34.4	8.8	35.5
C5	N 226000 E 951500	N 38.452831642 W 76.470660827	N 38.452745 W 76.470656	31.5 ft.	4.3ft.	31.8 ft.
C6	N 225500 E 951500	N 38.451458706 W 76.470670952	N 38.451356 W 76.470656	37.4 ft.	4.3 ft.	37.6 ft.
E5	N 226000 E 952500	N 38.452815658 W 76.467168958	N 38.452745 W 76.467164	25.7	1.4	25.8
E6	N 225500 E 952500	N 38.451442723 W 76.467179148	N 38.451356 W 76.467164	31.6	4.3 ft.	31.9
F3	N 227000 E 953000	N 38.455553947 W 76.465402572	N 38.455484 W 76.465408	25.5	1.6	25.5
F4	N 226500 E 953000	N 38.45418056238 W 76.465412798	N 38.454113 W 76.465408	24.6	1.4	24.6
F5	N 226000 E 953000	N 38.452807625 W 76.465423023	N 38.452745 W 76.465408	22.8	4.3 ft.	23.2
G2	N 227500 E 953500	N 38.456918373 W 76.463646312	N 38.456844 W 76.463637	21.3	2.7	21.5
G4	N 226500 E 953500	N 38.454172503 W 76.46366683	N 38.454113 W 76.463637	21.7	8.5	23.3
H3	N 227000 E 954000	N 38.455530095 W 76.46187904	N 38.455484 W 76.461978	16.8	2.8	17
H4	N 226500 E 954000	N 38.454164418 W 76.46187904	N 38.454113 W 76.461978	18.8	1.6	18.9
H7	N 225000 E 954000	N 38.45004544 W 76.461951655	N 38.45 W 76.461978	16.5	0.8	16.5
H8	N 224500 E 954000	N 38.44867268 W 76.461962028	N 38.448598 W 76.461978	27.2	4.6	27.6
H9	N 224000 E 954000	N 38.447299743 W 76.461972318	N 38.447225 W 76.461978	27.2	1.6	27.2
H10	N 223500 E 954000	N 38.445926808 W 76.461982608	N 38.445862 W 76.461978	23.6	1.3	23.6
I5	N 226000 E 954500	N 38.452783373 W 76.460185222	N 38.452745 W 76.460222	14	10.5	17.5
I6	N 225500 E 954500	N 38.45141044 W 76.460195548	N 38.451356 W 76.460222	19.8	7.6	21.2
I7	N 225000 E 954500	N 38.450037505 W 76.460205872	N 38.45 W 76.460222	13.7	4.6	14.4
I8	N 224500 E 954500	N 38.44866457 W 76.460216195	N 38.448598 W 76.460222	19.1	1.7	19.2
I10	N 223500 E 954500	N 38.445918698 W 76.46023684	N 38.445862 W 76.460222	20.6	4.4	21.1
J5	N 226000 E 955000	N 38.452775238 W 76.45843929	N 38.452745 W 76.458501	11	17.7	20.8
J7	N 225000 E 955000	N 38.450029368 W 76.458460005	N 38.45 W 76.458501	10.7	11.7	15.9
J8	N 224500 E 954000	N 38.448656433 W 76.458470362	N 38.448598 W 76.458501	16.7	8.8	18.9
J10	N 223500 E 955000	N 38.445910562 W 76.458491077	N 38.445862 W 76.458501	17.7	2.8	17.9
K6	N 225500 E 955500	N 38.45139414 W 76.456703748	N 38.451356 W 76.456724	13.9	5.8	15
K7	N 225000 E 955500	N 38.450021205 W 76.456714138	N 38.45 W 76.456724	7.8	2.8	8.3
K8	N 224500 E 955500	N 38.4486482 W 76.456724531	N 38.448598 W 76.456724	14.4	0.2	14.4
K9	N 224000 E 955500	N 38.4472753 W 76.45673492	N 38.447225 W 76.456724	14.4	3.1	14.7
L9	N 224000 E 956000	N 38.4472714 W 76.454989122	N 38.447225 W 76.455007	13.3	5.1	14.2