

APPENDIX D

CORPSCON CONVERSION
NAD83 – U.S. SURVEY FEET TO
LATITUDE AND LONGITUDE
and
NAVD88 – U.S. SURVEY FEET TO
NAVD29 – METERS

2006
GEODETIC CONTROL DENSIFICATION
AND RESTORATION
of
JEFFERSON COUNTY, KENTUCKY

JUNE 2006

Jacobi, Toombs and Lanz, Inc.
401 West Main Street, Suite 600
Louisville, Kentucky 40202



Jacobi, Toombs, and Lanz, Inc.
LOJIC

6/26/106

Original Horizontal Coordinates:
 NAD 83, Kentucky North - 1601, U.S. Survey Feet
Translated Horizontal Coordinates:
 NAD 83 Geographic
Input Vertical Coordinates: NAVD 88, U.S. Survey Feet
Output Vertical Coordinates: NGVD 29, Meters

Name	Input	Output
WC 1	217621.45400 N	38 05 09.44597 N
	1166369.65200 E	85 53 49.55989 W
Elevation	445.72100	135.994
Convergence	-01 01 28.58504	
Scale Factor	0.999984092	
Combined Factor	0.999962773	
WC 2RESET	217964.44600 N	38 05 12.86219 N
	1166516.94800 E	85 53 47.79454 W
Elevation	445.17800	135.828
Convergence	-01 01 27.48687	
Scale Factor	0.999983983	
Combined Factor	0.999962690	
GPS86-14RESET	212136.79400 N	38 04 14.80448 N
	1163942.03300 E	85 54 18.68623 W
Elevation	456.94400	139.413
Convergence	-01 01 46.70358	
Scale Factor	0.999985878	
Combined Factor	0.999964022	
AZI8614-2001	210504.89300 N	38 03 58.65700 N
	1163843.51500 E	85 54 19.55124 W
Elevation	435.75400	132.954
Convergence	-01 01 47.24168	
Scale Factor	0.999986419	
Combined Factor	0.999965576	
GREENWOOD#1	238359.35300 N	38 08 37.11842 N
	1181861.30000 E	85 50 40.31407 W
Elevation	452.63900	138.107
Convergence	-00 59 30.86141	
Scale Factor	0.999977940	
Combined Factor	0.999956290	
GREENWOOD#2	238360.83300 N	38 08 37.25974 N
	1182602.17200 E	85 50 31.04181 W
Elevation	455.89600	139.100
Convergence	-00 59 25.09344	
Scale Factor	0.999977936	
Combined Factor	0.999956130	

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Name	Input	Output
BK 09-01RESET	250101.25600 N	38 10 32.28822 N
	1176693.44700 E	85 51 47.56765 W
Elevation	443.59100	135.348
Convergence	-01 00 12.69766	
Scale Factor	0.999974961	
Combined Factor	0.999953743	
BL 09-01RESET	248929.25200 N	38 10 21.04701 N
	1178679.34400 E	85 51 22.44582 W
Elevation	445.21900	135.845
Convergence	-00 59 57.07019	
Scale Factor	0.999975238	
Combined Factor	0.999953943	
STA067-2006	221635.53800 N	38 05 59.40201 N
	1228598.05400 E	85 40 52.09825 W
Elevation	525.21800	160.234
Convergence	-00 53 24.95161	
Scale Factor	0.999982521	
Combined Factor	0.999957399	
AZI067-2006	221157.21500 N	38 05 54.77890 N
	1229281.56200 E	85 40 43.45571 W
Elevation	536.80100	163.764
Convergence	-00 53 19.57537	
Scale Factor	0.999982664	
Combined Factor	0.999956988	
STA028-2001RESET	254115.96600 N	38 11 29.14631 N
	1289632.88900 E	85 28 13.99736 W
Elevation	574.66100	175.311
Convergence	-00 45 33.36187	
Scale Factor	0.999973604	
Combined Factor	0.999946118	
AZI028-2001	254079.32200 N	38 11 28.57657 N
	1288052.29700 E	85 28 33.78777 W
Elevation	568.76200	173.513
Convergence	-00 45 45.67284	
Scale Factor	0.999973617	
Combined Factor	0.999946413	

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Name	Input	Output
STA068-2006	263805.21000 N	38 13 00.07761 N
	1254428.11100 E	85 35 36.69101 W
Elevation	641.33500	195.630
Convergence	-00 50 08.74709	
Scale Factor	0.999971591	
Combined Factor	0.999940916	
AZI068-2006	264089.87500 N	38 13 02.81409 N
	1253892.22700 E	85 35 43.45713 W
Elevation	644.15500	196.490
Convergence	-00 50 12.95608	
Scale Factor	0.999971534	
Combined Factor	0.999940723	
AZITV1-2001RESET	264463.53100 N	38 13 05.12486 N
	1244432.58600 E	85 37 42.04650 W
Elevation	554.27800	169.097
Convergence	-00 51 26.72664	
Scale Factor	0.999971485	
Combined Factor	0.999944974	
TV-1	265271.07700 N	38 13 13.01949 N
	1243840.93300 E	85 37 49.61100 W
Elevation	540.96700	165.040
Convergence	-00 51 31.43227	
Scale Factor	0.999971320	
Combined Factor	0.999945446	
AZI014-2001RESET	217511.58600 N	38 05 25.39292 N
	1275216.77500 E	85 31 08.23780 W
Elevation	689.62200	210.351
Convergence	-00 47 21.75115	
Scale Factor	0.999983584	
Combined Factor	0.999950599	
STA014-2001RESET	217769.21000 N	38 05 27.87197 N
	1274721.36900 E	85 31 14.47844 W
Elevation	688.05800	209.874
Convergence	-00 47 25.63324	
Scale Factor	0.999983506	
Combined Factor	0.999950595	

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Name	Input	Output
AZI8641-2001	273209.78200 N	38 14 36.04790 N
	1275891.53000 E	85 31 09.39915 W
Elevation	727.51700	221.899
Convergence	-00 47 22.47358	
Scale Factor	0.999969676	
Combined Factor	0.999934879	
PT#1	250257.75800 N	38 10 32.64119 N
	1169848.20200 E	85 53 13.31290 W
Elevation	445.56000	135.945
Convergence	-01 01 06.03697	
Scale Factor	0.999974952	
Combined Factor	0.999953641	
STA005-2001	250221.09100 N	38 10 32.13610 N
	1169036.84800 E	85 53 23.46383 W
Elevation	445.86600	136.037
Convergence	-01 01 12.35153	
Scale Factor	0.999974965	
Combined Factor	0.999953638	
AZIBU0701-2001	230350.46100 N	38 07 16.11145 N
	1171200.01000 E	85 52 51.97197 W
Elevation	436.14000	133.074
Convergence	-01 00 52.76148	
Scale Factor	0.999980220	
Combined Factor	0.999959359	
BH11-01	257108.26900 N	38 11 42.58683 N
	1182738.81900 E	85 50 33.38914 W
Elevation	439.72700	134.172
Convergence	-00 59 26.55364	
Scale Factor	0.999973294	
Combined Factor	0.999952262	
STA002-2001	225533.37600 N	38 06 30.77246 N
	1184377.14600 E	85 50 06.06356 W
Elevation	477.54500	145.695
Convergence	-00 59 09.55529	
Scale Factor	0.999981563	
Combined Factor	0.999958722	

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Name	Input	Output
STA044-2001	208580.77400 N	38 03 41.49246 N
	1174394.90200 E	85 52 07.21073 W
Elevation	448.60500	136.869
Convergence	-01 00 24.91698	
Scale Factor	0.999987001	
Combined Factor	0.999965543	
LOUISVILLE SOUTH	240989.44000 N	38 09 03.69573 N
	1185268.16100 E	85 49 58.24028 W
Elevation	470.19900	143.459
Convergence	-00 59 04.68869	
Scale Factor	0.999977225	
Combined Factor	0.999954735	
GPS86-11	257071.65000 N	38 11 40.45992 N
	1172526.83000 E	85 52 41.28158 W
Elevation	459.13000	140.082
Convergence	-01 00 46.11133	
Scale Factor	0.999973343	
Combined Factor	0.999951383	
STA009-2001	242934.16900 N	38 09 31.26517 N
	1237384.06900 E	85 39 06.25194 W
Elevation	508.56200	155.161
Convergence	-00 52 19.10809	
Scale Factor	0.999976501	
Combined Factor	0.999952176	
RILEY-3	218580.90900 N	38 05 28.33825 N
	1222970.92300 E	85 42 01.88370 W
Elevation	542.56900	165.522
Convergence	-00 54 08.36285	
Scale Factor	0.999983491	
Combined Factor	0.999957539	
GPS86-38	245849.39000 N	38 10 03.51637 N
	1260903.76100 E	85 34 12.33351 W
Elevation	738.97800	225.391
Convergence	-00 49 16.27106	
Scale Factor	0.999975676	
Combined Factor	0.999940330	

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Name	Input	Output
STA036-2001	213739.34600 N	38 04 46.67225 N
	1264842.45200 E	85 33 17.32331 W
Elevation	515.34900	157.232
Convergence	-00 48 42.05101	
Scale Factor	0.999984828	
Combined Factor	0.999960178	
STA049-2003	230622.88800 N	38 07 36.92504 N
	1289663.01800 E	85 28 09.72431 W
Elevation	720.71000	219.827
Convergence	-00 45 30.70375	
Scale Factor	0.999979620	
Combined Factor	0.999945148	