

APPENDIX D

CORPSCON CONVERSION
NAVD88 – U.S. SURVEY FEET TO
NGVD29 – U.S. SURVEY FEET

2008
GEODETTIC CONTROL
RESTORATION

of

JEFFERSON COUNTY, KENTUCKY

OCTOBER, 2007

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



Jacobi, Toombs, and Lanz, Inc.
LOJIC

10/3/107

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

Name	Input	Output
GPS86-8 RESET	286899.71960 N	286899.71960 N
	1186452.60200 E	1186452.60200 E
Elevation	438.47790	438.95
Convergence	-00 59 01.60466	-00 59 01.60466
Scale Factor	0.999967557	0.999967557
Combined Factor	0.999946584	0.999946584
STA024-2001RESET	302375.40230 N	302375.40230 N
	1248128.01800 E	1248128.01800 E
Elevation	603.75270	604.26
Convergence	-00 51 02.31191	-00 51 02.31191
Scale Factor	0.999965263	0.999965263
Combined Factor	0.999936385	0.999936385
AZI037-2001RESET	280936.81720 N	280936.81720 N
	1290789.13600 E	1290789.13600 E
Elevation	628.40750	628.91
Convergence	-00 45 27.11628	-00 45 27.11628
Scale Factor	0.999968271	0.999968271
Combined Factor	0.999938214	0.999938214
BP35-3 RESET	240886.38120 N	240886.38120 N
	1247925.78000 E	1247925.78000 E
Elevation	669.87150	670.36
Convergence	-00 50 56.77749	-00 50 56.77749
Scale Factor	0.999976989	0.999976989
Combined Factor	0.999944949	0.999944949
GPS86-20 RESET	214602.94680 N	214602.94680 N
	1245068.61600 E	1245068.61600 E
Elevation	624.86240	625.35
Convergence	-00 51 15.97381	-00 51 15.97381
Scale Factor	0.999984643	0.999984643
Combined Factor	0.999954755	0.999954755
AZI8620-2001 RESET	214567.63490 N	214567.63490 N
	1245703.50800 E	1245703.50800 E
Elevation	623.58010	624.07
Convergence	-00 51 11.03073	-00 51 11.03073
Scale Factor	0.999984651	0.999984651
Combined Factor	0.999954825	0.999954825

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Translated Horizontal Coordinates:

NAD 83, Kentucky North - 1601, U.S. Survey Feet

Input Vertical Coordinates: NAVD 88, U.S. Survey Feet

Output Vertical Coordinates: NGVD 29, U.S. Survey Feet

Name	Input	Output
AZI8616-2001 RESET	187413.61090 N	187413.61090 N
	1155323.28600 E	1155323.28600 E
Elevation	428.73740	429.16
Convergence	-01 02 50.22258	-01 02 50.22258
Scale Factor	0.999994775	0.999994775
Combined Factor	0.999974268	0.999974268
SNOW RM A RESET	149462.64050 N	149462.64050 N
	1134898.99500 E	1134898.99500 E
Elevation	895.51910	895.91
Convergence	-01 05 23.31613	-01 05 23.31613
Scale Factor	1.000011235	1.000011235
Combined Factor	0.999968400	0.999968400
31K ECC RESET	181207.78350 N	181207.78350 N
	1217822.71800 E	1217822.71800 E
Elevation	444.66790	445.15
Convergence	-00 54 43.78745	-00 54 43.78745
Scale Factor	0.999996787	0.999996787
Combined Factor	0.999975518	0.999975518