

APPENDIX C

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

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

10/4/107

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
GPS86-8 RESET	286899.71960 N	38 16 37.68306 N
	1186452.60200 E	85 49 53.28258 W
Elevation	438.47790	133.792
Convergence	-00 59 01.60466	
Scale Factor	0.999967557	
Combined Factor	0.999946584	
STA024-2001RESET	302375.40230 N	38 19 20.40926 N
	1248128.01800 E	85 37 02.79877 W
Elevation	603.75270	184.180
Convergence	-00 51 02.31191	
Scale Factor	0.999965263	
Combined Factor	0.999936385	
AZI037-2001RESET	280936.81720 N	38 15 54.41572 N
	1290789.13600 E	85 28 03.95730 W
Elevation	628.40750	191.693
Convergence	-00 45 27.11628	
Scale Factor	0.999968271	
Combined Factor	0.999938214	
BP35-3 RESET	240886.38120 N	38 09 12.58876 N
	1247925.78000 E	85 36 53.90194 W
Elevation	669.87150	204.325
Convergence	-00 50 56.77749	
Scale Factor	0.999976989	
Combined Factor	0.999944949	
GPS86-20 RESET	214602.94680 N	38 04 52.36660 N
	1245068.61600 E	85 37 24.76086 W
Elevation	624.86240	190.607
Convergence	-00 51 15.97381	
Scale Factor	0.999984643	
Combined Factor	0.999954755	
AZI8620-2001 RESET	214567.63490 N	38 04 52.11107 N
	1245703.50800 E	85 37 16.81464 W
Elevation	623.58010	190.216
Convergence	-00 51 11.03073	
Scale Factor	0.999984651	
Combined Factor	0.999954825	

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Name	Input	Output
AZI8616-2001 RESET	187413.61090 N	38 00 08.89263 N
	1155323.28600 E	85 56 00.79577 W
Elevation	428.73740	130.809
Convergence	-01 02 50.22258	
Scale Factor	0.999994775	
Combined Factor	0.999974268	
SNOW RM A RESET	149462.64050 N	37 53 50.01693 N
	1134898.99500 E	86 00 06.90027 W
Elevation	895.51910	273.074
Convergence	-01 05 23.31613	
Scale Factor	1.000011235	
Combined Factor	0.999968400	
31K ECC RESET	181207.78350 N	37 59 18.11652 N
	1217822.71800 E	85 42 58.83027 W
Elevation	444.66790	135.683
Convergence	-00 54 43.78745	
Scale Factor	0.999996787	
Combined Factor	0.999975518	