

APPENDIX D

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

2005  
GEODETIC CONTROL DENSIFICATION  
AND RESTORATION  
of  
JEFFERSON COUNTY, KENTUCKY

JUNE 2005

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



<b>LOJIC</b>			
<b>24 June 2005</b>			
<b>INPUT</b>		<b>OUTPUT</b>	
<b>State Plane, NAD83 1601 - Kentucky North, U.S. Feet Vertical - NAVD88, U.S. Feet</b>		<b>Geographic, NAD83 Vertical - NAVD88, Meters</b>	
<b>LOUISVILLE SOUTH BASE</b>			<b>1/23</b>
Northing/Y:	240989.4400	Latitude:	38 09 03.69573
Easting/X:	1185268.1600	Longitude:	85 49 58.24030
Elevation/Z:	470.20	Elevation/Z:	143.317
Convergence:	-0 59 04.68869		
Scale Factor:	0.999977225		
Combined Factor:	0.999959941		
<b>KY-05</b>			<b>2/23</b>
Northing/Y:	256631.0500	Latitude:	38 11 42.85082
Easting/X:	1212871.7900	Longitude:	85 44 15.88096
Elevation/Z:	489.33	Elevation/Z:	149.148
Convergence:	-0 55 31.71816		
Scale Factor:	0.999973288		
Combined Factor:	0.999955105		
<b>BOWMAN-RESET</b>			<b>3/23</b>
Northing/Y:	266533.0000	Latitude:	38 13 23.97897
Easting/X:	1233750.6200	Longitude:	85 39 56.27915
Elevation/Z:	537.40	Elevation/Z:	163.800
Convergence:	-0 52 50.22837		
Scale Factor:	0.999971094		
Combined Factor:	0.999950617		
<b>GPS86-43 RESET</b>			<b>4/23</b>
Northing/Y:	278083.4240	Latitude:	38 15 13.92456

Easting/X:	1206849.4580	Longitude:	85 45 35.71476
Elevation/Z:	460.56	Elevation/Z:	140.379
Convergence:	-0 56 21.38016		
Scale Factor:	0.999968979		
Combined Factor:	0.999952178		

STA029-2001		5/23	
Northing/Y:	246862.1350	Latitude:	38 10 18.44266
Easting/X:	1297346.9510	Longitude:	85 26 36.20298
Elevation/Z:	652.92	Elevation/Z:	199.010
Convergence:	-0 44 32.52719		
Scale Factor:	0.999975303		
Combined Factor:	0.999949315		

AZI8624-2001		6/23	
Northing/Y:	236504.8600	Latitude:	38 08 36.84934
Easting/X:	1303550.2300	Longitude:	85 25 16.87943
Elevation/Z:	673.71	Elevation/Z:	205.347
Convergence:	-0 43 43.18261		
Scale Factor:	0.999977947		
Combined Factor:	0.999950972		

STA049-2003		7/23	
Northing/Y:	230622.8900	Latitude:	38 07 36.92506
Easting/X:	1289663.0200	Longitude:	85 28 09.72429
Elevation/Z:	720.82	Elevation/Z:	219.706
Convergence:	-0 45 30.70373		
Scale Factor:	0.999979620		
Combined Factor:	0.999950387		

STA043-2001		8/23	
Northing/Y:	278525.5170	Latitude:	38 15 14.97539

Easting/X:	1186831.0210	Longitude:	85 49 46.73665
Elevation/Z:	456.05	Elevation/Z:	139.004
Convergence:	-0 58 57.53265		
Scale Factor:	0.999968960		
Combined Factor:	0.999952369		

STA044-2001	9/23
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Northing/Y:	208580.7620	Latitude:	38 03 41.49235
Easting/X:	1174394.9330	Longitude:	85 52 07.21034
Elevation/Z:	448.65	Elevation/Z:	136.749
Convergence:	-1 00 24.91673		
Scale Factor:	0.999987001		
Combined Factor:	0.999970732		

CA20-01	10/23
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Northing/Y:	219430.9210	Latitude:	38 05 34.65927
Easting/X:	1209811.8470	Longitude:	85 44 46.63651
Elevation/Z:	516.20	Elevation/Z:	157.338
Convergence:	-0 55 50.85018		
Scale Factor:	0.999983292		
Combined Factor:	0.999963811		

BS30-02	11/23
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Northing/Y:	235929.8410	Latitude:	38 08 22.45580
Easting/X:	1240222.2800	Longitude:	85 38 29.39614
Elevation/Z:	623.49	Elevation/Z:	190.040
Convergence:	-0 51 56.18130		
Scale Factor:	0.999978341		
Combined Factor:	0.999953743		

AZI060-2005	12/23
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Northing/Y:	239406.9890	Latitude:	38 09 04.94094
Easting/X:	1298845.3130	Longitude:	85 26 16.23738
Elevation/Z:	696.60	Elevation/Z:	212.324
Convergence:	-0 44 20.10725		
Scale Factor:	0.999977192		
Combined Factor:	0.999949118		

STA060-2005	13/23
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Northing/Y:	239444.8320	Latitude:	38 09 05.43992
Easting/X:	1299826.4600	Longitude:	85 26 03.96155
Elevation/Z:	672.16	Elevation/Z:	204.875
Convergence:	-0 44 12.47085		
Scale Factor:	0.999977179		
Combined Factor:	0.999950275		

STA061-2005	14/23
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Northing/Y:	231790.6220	Latitude:	38 07 39.81098
Easting/X:	1228797.3790	Longitude:	85 40 51.57867
Elevation/Z:	490.52	Elevation/Z:	149.511
Convergence:	-0 53 24.62840		
Scale Factor:	0.999979537		
Combined Factor:	0.999961296		

AZI061-2005	15/23
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Northing/Y:	230994.8430	Latitude:	38 07 32.00451
Easting/X:	1229184.5610	Longitude:	85 40 46.57914
Elevation/Z:	504.80	Elevation/Z:	153.863
Convergence:	-0 53 21.51835		
Scale Factor:	0.999979761		
Combined Factor:	0.999960836		

STA062-2005	16/23
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Northing/Y:	212676.3490	Latitude:	38 04 23.57264
Easting/X:	1183687.8110	Longitude:	85 50 11.91603
Elevation/Z:	491.07	Elevation/Z:	149.678
Convergence:	-0 59 13.19592		
Scale Factor:	0.999985587		
Combined Factor:	0.999967294		

## AZI062-2005

17/23

Northing/Y:	213300.6330	Latitude:	38 04 29.86382
Easting/X:	1184396.4040	Longitude:	85 50 03.19029
Elevation/Z:	495.63	Elevation/Z:	151.068
Convergence:	-0 59 07.76792		
Scale Factor:	0.999985379		
Combined Factor:	0.999966868		

## STA063-2005

18/23

Northing/Y:	257129.6730	Latitude:	38 11 44.37190
Easting/X:	1192039.0710	Longitude:	85 48 36.91075
Elevation/Z:	450.22	Elevation/Z:	137.227
Convergence:	-0 58 14.09625		
Scale Factor:	0.999973254		
Combined Factor:	0.999956935		

## AZI063-2005

19/23

Northing/Y:	256922.5310	Latitude:	38 11 42.45505
Easting/X:	1192819.6380	Longitude:	85 48 27.09043
Elevation/Z:	457.51	Elevation/Z:	139.449
Convergence:	-0 58 07.98735		
Scale Factor:	0.999973297		
Combined Factor:	0.999956630		

## STA064-2005

		20/23	
Northing/Y:	276241.9060	Latitude:	38 14 53.90341
Easting/X:	1195765.2320	Longitude:	85 47 54.26587
Elevation/Z:	449.04	Elevation/Z:	136.868
Convergence:	-0 57 47.56826		
Scale Factor:	0.999969343		
Combined Factor:	0.999953090		

AZI064-2005		21/23	
Northing/Y:	275434.9910	Latitude:	38 14 45.89861
Easting/X:	1195590.3080	Longitude:	85 47 56.28824
Elevation/Z:	450.39	Elevation/Z:	137.279
Convergence:	-0 57 48.82632		
Scale Factor:	0.999969491		
Combined Factor:	0.999953173		

STA065-2005		22/23	
Northing/Y:	273263.9730	Latitude:	38 14 29.22655
Easting/X:	1225384.2090	Longitude:	85 41 42.43211
Elevation/Z:	446.77	Elevation/Z:	136.176
Convergence:	-0 53 56.26265		
Scale Factor:	0.999969805		
Combined Factor:	0.999953664		

AZI065-2005		23/23	
Northing/Y:	272542.3360	Latitude:	38 14 22.12206
Easting/X:	1225567.8380	Longitude:	85 41 39.98885
Elevation/Z:	446.32	Elevation/Z:	136.039
Convergence:	-0 53 54.74278		
Scale Factor:	0.999969940		
Combined Factor:	0.999953821		

**Remark:**

**Corpscon v6.0.1, U.S. Army Corps of Engineers**