

DATA ACQUISITION POLICIES & PRICING GUIDE

MAP ACCURACY

The limiting RMSE (Root Mean Square Error) for both horizontal and vertical accuracy is 1.0' for 1"=100' scale maps. The RMSE for contours is 1/3 of the contour interval, and for spot heights is 1/6 of the contour interval. This is the maximum permissible RMSE established by ASPRS for class 1 maps. The RMSE is the cumulative results of all errors including those introduced by the processes of the ground control survey, map compilation, and final extraction of ground dimensions for the target map. The limits of accuracy apply to well defined points only.

CONFIRMED PROJECT DATUM

Horizontal Datum: North American Datum 1983 (NAD83)
Coordinates: Kentucky State Plane, South Zone (1602)
Units: U.S. Survey Foot

Vertical Datum: National Geodetic Vertical Datum 1988 (NGVD88)
Units: U.S. Survey Foot

AVAILABLE DATA (2000 Data)

- **Planimetrics**
 - Building Rooflines
 - Catch Basins/Curb Inlets
 - Driveways
 - Headwalls
 - Manholes
 - Parking Lots
 - Railroads
 - Road Edges
 - Sidewalks
 - Surface Hydrology
 - Utility Poles
- **Contours** (2' Interval)
- **Digital Orthophotos** (B&W 6" pixel resolution)

COST SCHEDULE

- KRS allows for the assessment of fees for spatial data intended for use in Commercial applications.

Pricing is for a 2000' x 3000' Grid ([See Index Map](#) - Only available for red labeled grids)

Planimetrics -	\$95.89	Labor -	\$20.00hr (1/2 hour min)
Contours -	\$23.59	Media -	\$2.00
Digital Orthos -	\$15.32	Shipping -	Varies - not over \$25.00
Mechanical Processing -	Varies - not over \$5.00		

All data will be delivered in digital format. Planimetrics will be in AutoCAD .dwg format and Digital Orthos will be in .tif format.

For Hard Copy prices or inquiries about other types of data not listed above, please contact Greg Hakman at (270) 393-3011 or Kyle Bearden at (270) 393-3225.

COMPLETION TIMELINE

Completion times will differ due to the varying complexity of data requests. Standard data requests will be completed within **10 business days** of receipt of request. If the City of Bowling Green GIS Staff deems your request a “project”, you will be contacted to discuss a suitable timeline for completion.

ORDERING & CONTACT INFORMATION

To order data, please follow the outlined steps below & contact the following:

1. Print out and sign **Data License Agreement**
2. Fax to Greg Hakman at (270) 393-3050
3. Find Grid Number on the Index Map containing area you need data - [Index Map](#)
4. Contact one of the following with this information.

Greg Hakman, GISP
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