

## **Black Hawk County Geographic Information System (GIS) Data Distribution**

### ***Product Information***

#### **Georeferencing System**

All Geographic Information System, hereinafter GIS, data distributed by BHC are in the North American (horizontal) Datum of 1983 (NAD83), Iowa North Zone, State Plane Coordinate System with linear measurement in U. S. Survey feet; North American Vertical Datum of 1988 (NAVD 88). Note: NGVD 1929 was utilized for Primary Control Network from 1994-2007 and is superseded by NAVD88 post-2007.

#### **Format**

Parcel-based BHC GIS data are distributed as ESRI™ shapefiles. Special requests for GIS data in other formats will be considered. BHC will not provide the computer software or hardware needed to access the data.

#### **Media**

Digital data is distributed by the BHC Information Technology Department on DVD, CD, or by E-mail, depending on the data file size, according to the fee structure listed below. Special requests for data distribution on tape or other media will be considered.

**BHC GIS cadastral map data do not replace or modify land surveys, deeds, and /or other legal instruments defining land ownership and use.**

#### **Digital Orthophotos**

Digital orthophotos of BHC are available on CD in MrSid or TIFF format for the direct cost of materials and services (\$50 per CD). BHC has images from Spring, 1994 for the entire county in TIFF format. Images taken in Spring, 1999 concentrated on areas of greatest development and are available in TIFF format. These 1999 images were integrated into the 1994 images to provide a county-wide image set in MrSid format. The county-wide combined 1994/1999 image set in MrSid format fits on four CDs. BHC also has images from Spring 2003 for the central one-third (east to west) of the county, which includes most urban areas of the county. The Spring 2003 images are available in TIFF or MrSid format. All image orders include metadata and world files for correct georeferencing.

#### **Parcel-Based GIS Data Products**

BHC GIS data is available by tax district(s). Unincorporated areas are available as a separate file. A file for the entire county is also available. BHC GIS data for a particular area of interest as defined and outlined by a party requesting the data can be prepared as well. See the attached Information Sheet I for a brief description of the data layers and parcel attribute options available. Information about the data (metadata) is provided with the data products.

All drawing components are created as a representation and should not be construed as actual.

<b>GIS Data Products</b>	<b><u>Approximate Number of Parcels</u></b>
Cedar Falls	14,500
Dunkerton	550
Elk Run Heights	600
Evansdale	2,500
Gilbertville	500
Hudson	1,300
Janesville	80
Jesup	50
La Porte City	1,350
Raymond	400
Waterloo	34,000
Unincorporated Areas	13,000
Black Hawk County	68,500

### **Fee Structure**

- 1) Citizens of BHC will receive printed information about their property (parcel) of residence at no cost or for the copy cost.
- 2) Governmental agencies, BHC school districts, colleges and universities, and utilities (water, sewer, gas, electric) will enter into an agreement with BHC to exchange data, and will be charged a fee for the GIS Data Products based on the direct cost of materials and services. If the entity is a subdivision of the State of Iowa this will be a 28E Agreement as set forth in the Iowa Code. Otherwise a contractual agreement or Data Exchange Agreement (Exhibit D) will be used. The information provided by BHC will be updated and made available upon request, based on a schedule determined by the BHC Information Technology Department. The Black Hawk County Data Cost Analysis Sheet which specifies material fees, service fees and minimum fees, is available from the BHC Information Technology Department. Fees apply to initial request and requests for updates.

BHC may enter into an agreement to exchange data with an entity based on the recommendation of one or more County departments. This will provide access for County departments to beneficial information. The information provided by BHC will be updated and made available upon request, based on a schedule determined by the BHC Information Technology Department, or as often as deemed necessary by the recommending department(s). The Black Hawk County Data Cost Analysis Sheet which specifies material fees, service fees and minimum fees, is available from the BHC Information Technology Department.

BHC reserves the right to grant the use of data for specific projects to qualified organizations for research and special projects that benefit the citizens of BHC or to

students for class-required projects and research. Use of GIS data is granted for the life of the project through a Data Grant Agreement (Exhibit E). Grantees, other than students, will be charged a fee for the GIS Data Products based on the direct cost of materials and services. Fees for data prepared for student use may be waived at the discretion of the BHC Information Technology Director. The Black Hawk County Data Cost Analysis Sheet which specifies material fees, service fees and minimum fees, is available from the BHC Information Technology Department.

- 3) All other entities (those not included in 1 and 2 above) will enter into a Data Acquisition Agreement (Exhibit F) and will be charged for GIS Data Products. The Black Hawk County Data Cost Analysis Sheet which specifies material fees, service fees and minimum fees, is available from the BHC Information Technology Department.

The fee structure for 1) and 2) above is designed to encourage access to and sharing of GIS data by limiting costs to the direct cost of materials and personnel services for reproducing the information in digital format. The fee structure for 3) above incorporates a modest GIS data production cost, in addition to the direct cost of materials and personnel services.

*Information regarding restrictions on use and limitations of BHC GIS Products are detailed in each individual agreement.*

The Black Hawk County GIS shall be used in a professional and productive manner, contributing to the net welfare and wealth of ALL Black Hawk County citizens.