

# Railroad Lines, Black Hawk County Iowa

Metadata also available as

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  - [Metadata Reference Information](#)
- 

### *Identification\_Information:*

#### *Citation:*

#### *Citation\_Information:*

*Originator:* Black Hawk County

*Publication\_Date:* Unpublished Material

*Title:* Railroad Lines, Black Hawk County Iowa

*Geospatial\_Data\_Presentation\_Form:* vector digital data

*Publication\_Information:*

*Publication\_Place:* Black Hawk County Iowa

*Publisher:* Black Hawk County

*Online\_Linkage:* <http://www.co.black-hawk.ia.us/depts/bhentry.htm>

### *Description:*

#### *Abstract:*

This data set represents railroad lines in Black Hawk County (BHC) and is the centerline of the railroad right of way.

#### *Purpose:*

This data set is used to represent location of rail lines Black Hawk County IA, and is a component of this County's geographic information system. The primary purpose of this data set is to represent graphically where rail lines are in the county. It does not necessarily correspond with what company operates over that track or which company maintains the tracks.

#### *Supplemental\_Information:*

The railroad centerline layer can be used with other Black Hawk Co. railroad datasets to provide more details: rrow (rail road right of way), rname (railroad name), and rrdim (railroad right of way dimensions). Graphic features are a representation of reality. See recorded legal documents for more detailed information about right of way

ownership.

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Calendar\_Date:* 20060310

*Currentness\_Reference:* ground condition

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* As needed

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -92.559509

*East\_Bounding\_Coordinate:* -92.076755

*North\_Bounding\_Coordinate:* 42.643917

*South\_Bounding\_Coordinate:* 42.296661

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* ISO 19115 Topic Category

*Theme\_Keyword:* transportation

*Place:*

*Place\_Keyword:* Black Hawk County

*Place\_Keyword:* North East Iowa

*Place\_Keyword:* Iowa

*Place\_Keyword:* USA

*Stratum:*

*Temporal:*

*Temporal\_Keyword:* March, 2006

*Access\_Constraints:*

Limitations 1. Black Hawk County (BHC) GIS data and data products distributed by the Information Technology Department contain information from publicly available sources. BHC developed the data for internal use. All data is provided as is, with all faults, and without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. 2. BHC and or the BHC Assessor is not responsible for any hardware or software needed to access and use the

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*Use\_Constraints:*

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*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Black Hawk County IT Department

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 319 E 5th St

*City:* Waterloo

*State\_or\_Province:* IA

*Postal\_Code:* 50703

*Country:* USA

*Contact\_Voice\_Telephone:* (319) 833-3154

*Contact\_Electronic\_Mail\_Address:* kveeder@co.black-hawk.ia.us

*Hours\_of\_Service:* 8:00 AM - 4:30 PM

*Contact\_Instructions:* Call, e-mail, or write with requests

*Data\_Set\_Credit:*

The Sidwell Company, 675 Sidwell Court, St. Charles IL 60174-3492 (630) 549-1065 ,  
contracted service provider

*Native\_Data\_Set\_Environment:*

Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 4; ESRI ArcCatalog  
9.1.0.780

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*Data\_Quality\_Information:*

*Attribute\_Accuracy:*

*Attribute\_Accuracy\_Report:*

Track ownership information changes. Direct railroad contacts are: Iowa Northern  
William Magee (319) 415-7293 [wmagee.ianr@mchsi.com](mailto:wmagee.ianr@mchsi.com) Canadian National Greg  
Bastian (319) 236-9205 [greg.bastian@cn.ca](mailto:greg.bastian@cn.ca) Union Pacific Carl Swedberg (319) 389-  
1399

*Completeness\_Report:* Data set is complete.

*Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy:*

*Horizontal\_Positional\_Accuracy\_Report:*

Land features of this cadastral GIS are spatially referenced to the correct  
position on the ground through the use of digital orthophotos. The digital  
orthophotos were developed based on 179 measured ground control points.  
These measured points fall within +/- 0.05 meters in horizontal position, using a  
95% confidence factor. All georeferenced entities carry an accuracy of +/- 0.05  
m, using a 95% confidence factor, when measured against the assumed accuracy  
of the digital orthophotography from which it was created. These accuracies  
must be measured against the relative accuracies of the disparate source

documents (recorded plats, tax roll descriptions and existing paper parcel maps) and the positional decisions that were made based on the preponderance of available evidence on a case by case basis. Users should be aware that even though the scale of digital data may be increased to overlay large scale digital maps, the accuracy of the digital source is not improved by scale enlargement. For a complete report regarding the establishment of geodetic control points for Black Hawk County, please contact either Geoffry Tinker or Lynn Kloberdanz, Black Hawk County Engineer's Office.

*Quantitative\_Horizontal\_Positional\_Accuracy\_Assessment:*

*Horizontal\_Positional\_Accuracy\_Explanation:*

The horizontal positional accuracy meets or exceeds the National Map Accuracy Standards accuracy requirement, when measured against the assumed accuracy of the digital orthophotography from which it was created. These accuracies must be measured against the relative accuracies of the disparate source documents (recorded plats, tax roll descriptions and existing paper parcel maps) and the positional decisions that were made based on the preponderance of available evidence on a case by case basis.

*Vertical\_Positional\_Accuracy:*

*Lineage:*

*Source\_Information:*

*Source\_Citation:*

*Citation\_Information:*

*Originator:* Black Hawk County

*Publication\_Date:* Unpublished Material

*Title:* Recorded Legal Documents

*Other\_Citation\_Details:*

Recorded legal documents can be reviewed at the Black Hawk County Recorder's Office, 316 E. 5th Street, Waterloo IA

*Source\_Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Single\_Date/Time:*

*Process\_Step:*

*Process\_Description:*

Railroad dataset is the centerline of the rail road right of way, based on property records. Physiographic features were digitized from digital orthophotos (1:1200 urban), (1:4800 rural). Parcels, lots, road right of ways and other representations were digitized based on recorded legal documents. The Technical Implementation Plan for the Black Hawk County cadastral GIS is on file with the Process Contact Person.

*Process\_Date*: 03/01/99, updated 3/10/2006

*Process\_Contact*:

*Contact\_Information*:

*Contact\_Organization\_Primary*:

*Contact\_Organization*: Black Hawk County Information  
Technology Department

*Contact\_Person*: Kim Veeder

*Contact\_Position*: Director

*Contact\_Address*:

*Address\_Type*: mailing and physical address

*Address*: 316 E. 5th Street

*City*: Waterloo

*State\_or\_Province*: IA

*Postal\_Code*: 50703

*Country*: USA

*Contact\_Voice\_Telephone*: (319) 833-3154

*Contact\_Facsimile\_Telephone*: (319) 833-3139

*Contact\_Electronic\_Mail\_Address*: kveeder@co.black-hawk.ia.us

*Hours\_of\_Service*: 8:00 AM - 4:30 PM

*Contact\_Instructions*: Call, e-mail, or write with requests

*Process\_Step*:

*Process\_Description*: Dataset copied.

*Source\_Used\_Citation\_Abbreviation*: C:\BHC-GIS-DATA\Transportation\railroad

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*Spatial\_Data\_Organization\_Information*:

*Direct\_Spatial\_Reference\_Method*: Vector

*Point\_and\_Vector\_Object\_Information*:

*SDTS\_Terms\_Description*:

*SDTS\_Point\_and\_Vector\_Object\_Type*: String

*Point\_and\_Vector\_Object\_Count*: 464

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*Spatial\_Reference\_Information*:

*Horizontal\_Coordinate\_System\_Definition*:

*Planar*:

*Grid\_Coordinate\_System*:

*Grid\_Coordinate\_System\_Name:* State Plane Coordinate System  
*State\_Plane\_Coordinate\_System:*

*SPCS\_Zone\_Identifier:* 1401  
*Lambert\_Conformal\_Conic:*

*Standard\_Parallel:* 42.066667  
*Standard\_Parallel:* 43.266667  
*Longitude\_of\_Central\_Meridian:* -93.500000  
*Latitude\_of\_Projection\_Origin:* 41.500000  
*False\_Easting:* 4921250.000000  
*False\_Northing:* 3280833.333333

*Planar\_Coordinate\_Information:*

*Planar\_Coordinate\_Encoding\_Method:* coordinate pair  
*Coordinate\_Representation:*

*Abscissa\_Resolution:* 0.000256  
*Ordinate\_Resolution:* 0.000256

*Planar\_Distance\_Units:* survey feet

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* North American Datum of 1983  
*Ellipsoid\_Name:* Geodetic Reference System 80  
*Semi-major\_Axis:* 6378137.000000  
*Denominator\_of\_Flattening\_Ratio:* 298.257222

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* railroad

*Attribute:*

*Attribute\_Label:* FID  
*Attribute\_Definition:* Internal feature number.  
*Attribute\_Definition\_Source:* ESRI  
*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* OBJECTID

*Attribute:*

*Attribute\_Label:* ALPHATAG

*Attribute:*

*Attribute\_Label:* HAS\_SELECT

*Attribute:*

*Attribute\_Label:* SHAPE\_Leng

*Overview\_Description:*

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Black Hawk County Information Technology  
Department

*Contact\_Person:* Kim Veeder

*Contact\_Position:* Director

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 316 E. 5th Street

*Address:* Black Hawk County Information Technology Department

*City:* Waterloo

*State\_or\_Province:* IA

*Postal\_Code:* 50703

*Country:* USA

*Contact\_Voice\_Telephone:* (319) 833-3154

*Contact\_Facsimile\_Telephone:* (319) 833-3165

*Contact\_Electronic\_Mail\_Address:* kveeder@co.black-hawk.ia.us

*Hours\_of\_Service:* 8:00 AM - 4:30 PM



*Contact\_Instructions:* Call, e-mail, or write with requests

*Resource\_Description:* Offline Data

*Distribution\_Liability:*

See access constraints and use constraints under Identification Information

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Format\_Name:* SHP

*Format\_Version\_Number:* 9x

*Format\_Specification:* ArcView Shape File

*Transfer\_Size:* 0.953

*Digital\_Transfer\_Option:*

*Offline\_Option:*

*Offline\_Media:* CD-ROM

*Fees:* Contact Black Hawk County Information Technology Department for established fee schedule.

*Ordering\_Instructions:* Contact Distributor

*Turnaround:* Generally one week or less

*Available\_Time\_Period:*

*Time\_Period\_Information:*

*Range\_of\_Dates/Times:*

*Beginning\_Date:* 19990301

*Ending\_Date:* Present

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20060830

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Person\_Primary:*

*Contact\_Person:* Kim Veeder

*Contact\_Organization:* Black Hawk County Information Technology

*Contact\_Position:* Director

*Contact\_Address:*

*Address\_Type:* mailing and physical address

*Address:* 316 E. 5th Street  
*Address:* Black Hawk County Information Technology Department  
*City:* Waterloo  
*State\_or\_Province:* IA  
*Postal\_Code:* 50703  
*Country:* USA

*Contact\_Voice\_Telephone:* (319) 833-3154  
*Contact\_Facsimile\_Telephone:* (319) 833-3165  
*Contact\_Electronic\_Mail\_Address:* kveeder@co.black-hawk.ia.us  
*Hours\_of\_Service:* 8:00 AM - 4:30 PM  
*Contact\_Instructions:* Call, e-mail, or write with requests

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata  
*Metadata\_Standard\_Version:* FGDC-STD-001-1998  
*Metadata\_Time\_Convention:* local time  
*Metadata\_Access\_Constraints:* none  
*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>  
*Profile\_Name:* ESRI Metadata Profile