

GIS Standard Products and Data Pricing List  
as of 02/05/07

<u>Product</u>	<u>Resolution/Description</u>	<u>Original Scale</u>	<u>Date Developed</u>	<u>Source</u>	<u>Format</u>	<u>Unit Size</u>	<u>Price per Unit</u>	<u>Area Total</u>
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**Rapid City Area Orthophotography -- 2000**

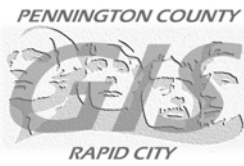
Digital data, 2000. Ortho rectified black and white aerial photograph at a scale of 1"=200' with 0.5 foot resolution or 1"=400' with 1.0 foot resolution. (An orthophotograph is a corrected photographic copy prepared from a vertical photograph by removing the displacements of images due to tilt and terrain.) Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	0.5 foot pixel resolution	1:2,400	April 2000	Surdex	TIF	varies, up to one sq. mile	\$75	\$8,400
Urbanized Area	1.0 foot pixel resolution	1:4,800	April 2000	Surdex	TIF	varies, up to four sq. miles	\$75	\$2,475

**County Rectified Aerial Photography -- 2001**

Digital data, 2001. Rectified black and white aerial photograph at a scale of 1"=400' with 1.0 foot resolution. (Rectified aerial photography is a scanned photograph prepared from vertical photography in which the displacements of images due to tilt have been removed.) Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Box Elder	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$1,075
Farmingdale	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$25
Hill City	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$750
Keystone	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$300
New Underwood	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$100
Quinn	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$50
Wall	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$275
Wasta	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	varies	N/A	\$50
Developing areas	1.0 foot pixel resolution	1:4,800	April 2001	Horizons	TIF	quarter section	N/A	\$13



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### USGS Digital Orthophoto Quarter Quadrangles

Digital data, 1992 or 1998. Ortho rectified black and white aerial photograph at a scale of 1"=1000' with 1 meter resolution. (An orthophotograph is a corrected photographic copy prepared from a vertical photograph by removing the displacements of images due to tilt and terrain. A quarter quadrangle is an area 3.75 degrees in both latitude and longitude.) Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Pennington County DOQ	1 meter pixel resolution	1:12,000	1992 or 1998	USGS	BIL	quarter quadrangle	\$20	\$1,500
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### USGS Digital Raster Graphics

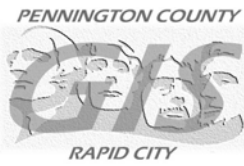
Digital data. Digital Raster Graphics (DRG) are scanned USGS maps. A quadrangle is defined as a four-sided figure, bounded by parallels of latitude and meridians of longitude, used as an area unit in mapping. The dimensions are not necessarily the same in both directions. The map of such an area is termed a quadrangle map. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. "SID" represents MrSID compression format.

Pennington County DRG and surrounding area	8 foot pixel resolution	1:24,000	varies	USGS	TIF	quadrangle	\$15	\$800
Pennington County DRG SID	8 foot pixel resolution	1:24,000	varies	USGS	SID	county	\$50	\$50

### USGS Digital Elevation Model

Digital data. Digital Elevation Models (DEM) are grids of elevation points taken from USGS maps. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Pennington County DEM	30 meter spacing	1:24,000	1999	USGS	Arc/INFO GRID	county	\$75	\$75
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### USGS Digital Line Graph Topography

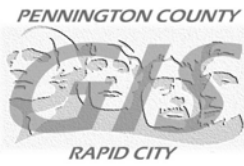
Digital contour data. Digital Line Graphs (DLG) are digitized USGS maps. A quadrangle is defined as a four-sided figure, bounded by parallels of latitude and meridians of longitude, used as an area unit in mapping. The dimensions are not necessarily the same in both directions. The map of such an area is termed a quadrangle map. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. Date of development does not reflect the original date of the USGS source maps. 1:24,000 quadrangles have not been edge matched.

Pennington County DLG (west of Box Elder only)	varies, from 10 foot to 40 foot contours	1:24,000	1999	USGS	Shape file and personal GDB	quadrangle	\$15	\$300
Pennington County DLG	50 meter contours	1:100,000	1999	USGS	Shape file and personal GDB	county	N/A	\$75

### USGS Digital Line Graph Hydrology

Digital hydrology data. Digital Line Graphs (DLG) are digitized USGS maps. A quadrangle is defined as a four-sided figure, bounded by parallels of latitude and meridians of longitude, used as an area unit in mapping. The dimensions are not necessarily the same in both directions. The map of such an area is termed a quadrangle map. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. Date of development does not reflect the original date of the USGS source maps. 1:24,000 quadrangles have not been edge matched.

Pennington County DLG (west of Box Elder)		1:24,000	1999	USGS	Shape file and personal GDB	one-half county	N/A	\$100
Pennington County DLG		1:100,000	1999	USGS	Shape file and personal GDB	county	N/A	\$50



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### Rapid City Area Topography -- 2000

Digital contour data. Contour lines based on orthophotography, dated April 2000. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	2 foot contours	1:2,400	April 2000	Surdex	Shape file and AutoCAD dxf	varies, up to one sq. mile	\$25	\$2,800
Urbanized Area	5 foot contours	1:4,800	April 2000	Surdex	Shape file and AutoCAD dxf	varies, up to four sq. mile	\$25	\$825

### Q<sub>3</sub> Flood Data

Digital data. Q<sub>3</sub> Flood data includes 100- and 500-year flood plain (FEMA--Q3).

The Q<sub>3</sub> flood data is for general guidance only and not for absolute delineations of flood risk

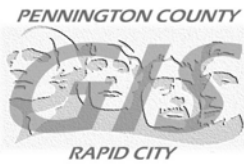
boundaries. Consult individual FIRM's for official delineations when area of interest is within the 250 ft. buffer. For flood boundaries inside Rapid City limits, contact City Engineering Division, (605) 394-4154. Data created by the Federal Emergency Management Agency. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Pennington County				FEMA	Shape file and personal GDB	County	N/A	\$50
Pennington County	Color printed map			FEMA	34" x 44"	County	N/A	\$25

### Rapid City Area Hydrology

Digital data. Hydrology includes lakes, rivers and streams. Created from Orthophotography dated April 2000. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	Rapid City Area Grid Directory	1:2,400	April 2000	Surdex	Shape file and personal GDB	varies, up to four sq. miles	\$50	see below
Urbanized Area	Rapid City Area Grid Directory	1:4,800	April 2000	Surdex	Shape file and personal GDB	varies, up to 16 sq. miles	\$25	see below
Rapid City and Urbanized Area Composite	Rapid City Area Grid Directory	varies	April 2000	Surdex	Shape file and personal GDB	City and urbanized area	N/A	\$300



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### Rapid City Public Utilities

Digital public utilities data include Rapid City storm sewer, sanitary sewer or water utility lines. Digital data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. Blueline public utility map sets include approximately 25 sheets, 36 inch by 36 inch sheet size. No standard projection is used for City blueline maps.

Rapid City Water, Sewer or Storm Sewer	Twp 20, 21, 37 and 38	<b>Not currently available</b>			Arc/INFO 2003 and AutoCAD dxf	Citywide	N/A	\$200
Rapid City Water Map	Blueline			City Eng.	36" x 36"	Citywide 25 sheets	N/A	\$125
Rapid City Sanitary Sewer Map	Blueline			City Eng.	36" x 36"	Citywide 25 sheets	N/A	\$125
Rapid City Storm Sewer Map	Blueline			City Eng.	36" x 36"	Citywide 25 sheets	N/A	\$125

### Rapid City Area Buildings

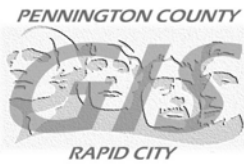
Digital data. Buildings include points for schools, hospitals and fire station locations. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	Twp 20, 21, 37 and 38	<b>Not currently available</b>			Arc/INFO 2003 and Arcview shapefile	Citywide	N/A	\$25
Rapid City	Color printed map	<b>Not currently available</b>				Citywide	N/A	\$25

### Wards and Precincts

Digital data. Precincts shows an outline of city and county political boundaries within the county. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Pennington County	County		August-02	County Auditor	Shape file and personal GDB	County	N/A	\$50
Pennington County	Color printed map		April-00	County Auditor	34" x 44"	County	N/A	\$25



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### Rapid City Area Parks and Public Open Space

Digital data. Parks and Public Open Space shows the boundaries of parks and public open space within Rapid City. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	Twp 20, 21, 37 and 38	<b>Not currently available</b>			Arc/INFO GDB and Arcview shapefile	Citywide	N/A	\$25
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### Points of Interest

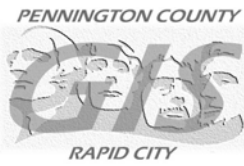
Digital data. Points of Interest show points of various community interest areas. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet.

Rapid City	Twp 20, 21, 37 and 38	<b>Not currently available</b>			Arc/INFO GDB and Arcview shapefile	Citywide	N/A	\$25
Pennington County	County	<b>Not currently available</b>				County	N/A	\$25

### Pennington County roads

Digital road data. Roads matched to local orthophotography and USGS DOQQ's. Attributes include a large number of data fields such as road name, address ranges, and road surface types. Road name annotation is available for Rapid City area. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. Data may be obtained in AutoCAD DXF format without attributes or annotation. Requires licensing agreement.

Roads	Road data licensed for reproduction	varies	ongoing	various sources	Shape file and personal GDB	County	N/A	\$5,000
Roads	Road data	varies	ongoing	various sources	Shape file and personal GDB	County	N/A	\$1,000



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### Road Map

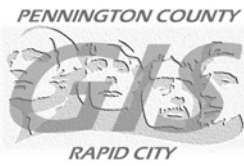
Rapid City road maps are printed at a scale of 1 inch equals 1,500 feet, and show major roads, including railroads, city boundaries, parks, public buildings, and hospitals within Rapid City. The Rapid City map is approximately 36 inches by 53 inches and is updated frequently. The Pennington County highway maps are available from the County Highway Department.

Rapid City	Blueline					36" x 44"	City	N/A	\$10
Rapid City area	Color printed map					36" x 53"	City	N/A	\$25
Pennington County	Color printed map from GIS	<b>Not currently available</b>					County	N/A	\$25
Pennington County	Color printed map					11" x 17"	County	N/A	\$5
Pennington County	Color printed map					24" x 36"	County	N/A	\$7.50
Pennington County	Color printed map					30" x 42"	County	N/A	\$10

### Road Map Books

Road map books showing roads for Rapid City and Pennington County. Includes road index.

Pennington County map book	Color	<b>Not currently available</b>					County	N/A	\$110
Pennington County map book	B & W	<b>Not currently available</b>					County	N/A	\$30
Pennington County map book	Color	<b>Not currently available</b>					County	N/A	\$75
Pennington County map book	B & W		ongoing			8.5" X 11"	County	N/A	\$20
Rapid City area map book	Color	<b>Not currently available</b>					City	N/A	\$80
Rapid City area map book	B & W	<b>Not currently available</b>					City	N/A	\$25
Rapid City area map book	Color	<b>Not currently available</b>					City	N/A	\$65
Rapid City area map book	B & W	<b>Not currently available</b>					City	N/A	\$18
Pennington County PDF file	PDF file		ongoing			CD-ROM	County	N/A	\$15



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### Rapid City General Planning Map

General planning maps show roads and Rapid City boundaries. The map covers approximately 103 square miles of land. See data printed on map.

Rapid City	B & W					34" x 44"	Citywide	N/A	\$25
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### Zoning Map

The Subdivision map shows the location of the surrounding subdivisions along with a subdivision index and a street index. The paper is approximately 36 inches by 44 inches, covering 103 square miles of land.

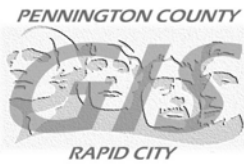
Rapid City	Twp 20, 21, 37 and 38	Not currently available				36" x 44"	Citywide	N/A	\$25
Pennington County	Twp 20, 21, 37 and 38	Not currently available			County Planning		County	N/A	\$50
Rapid City	Blueline					36" x 44"	Citywide	N/A	\$10
Pennington County	Color printed map	Not currently available					County	N/A	\$25

### Pennington County tax parcels

Digital tax parcel data. Tax parcels visually matched to digital orthophotography. Attributes include tax parcel number. Annotation is available in personal geodatabase format only. Data is from mapping by aerial methods. It does not represent a survey of the ground. Data projected to South Dakota State Plane, South Zone, NAD83, unit measurement in feet. Dataset contains entire county.

Periodic updates may be purchased after the initial dataset purchase. Minimum update interval is 30 days. Requires data agreement.

Tax parcels	Tax parcel data licensed for reproduction	Not currently available			Digitized and COGO maps		4 sections to 1 township		
Tax Parcels	Tax parcel data	varies	ongoing	Digitized and COGO maps	Shape file and personal GDB	County	NA	\$2,000	
Tax Parcels periodic update	Tax parcel data	varies	ongoing	Digitized and COGO maps	Shape file and personal GDB	County	NA	\$40	



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### Parcel Map

The Parcel map shows the interior lot line and tract delineation. Map is a printed at a scale of 1 inch equals 1,000 feet and the paper is approximately 4 feet by 5 feet. Map generated using DigiMap data, dated January 1998.

Rapid City	Blueline					4' x 5'	Citywide	N/A	\$5
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### Standard Products

Any pre-existing map product that does not require staff time for setup shall be considered a Standard Product.

Standard Product	Color or Black & White					8.5" x 11"			\$4
Standard Product	Color or Black & White					11" x 17"			\$8
Standard Product	Color or Black & White					17" x 22"			\$15
Standard Product	Color or Black & White					22" x 34"			\$20
Standard Product	Color or Black & White					34" x 44"			\$25

### Customized Map Products

Any map products not listed above will be considered a special request and charged an hourly rate of \$75 with a minimum charge of one-half hour of labor (\$37.50) plus the material fee listed below. Please contact the Pennington County-Rapid City GIS Division for customized product information. Customized work will be completed based upon GIS Division staff availability.

Material fee:

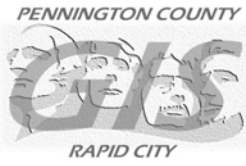
	<u>Size A</u>	<u>Size B</u>	<u>Size C</u>	<u>Size D</u>	<u>Size E</u>
	8.5" x 11"	11" x 17"	17" x 22"	24" x 34"	34" x 44"
Bond	\$4	\$8	\$15	\$20	\$25

### Customized Digital Data Products

Any digital data not listed above will be considered a special request and charged an hourly rate of \$75 with a minimum charge of one-half hour of labor (\$37.50) plus the material fee listed below. Please contact the Pennington County-Rapid City GIS Division for customized product information. Customized work will be completed based upon GIS Division staff availability. Data purchases require a licensing agreement.

Material fee:

CD-ROM (each)	\$2
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**RapidMap copies from Public Access Computers**

Any map produced using the RapidMap interface at one of the public access computers located in the Pennington County Courthouse, City/School Administration Building or the Rapid City Public Library.

Material fee:

Bond	8.5" x 11"	\$2.50
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