



Montana Department of Transportation

Systems

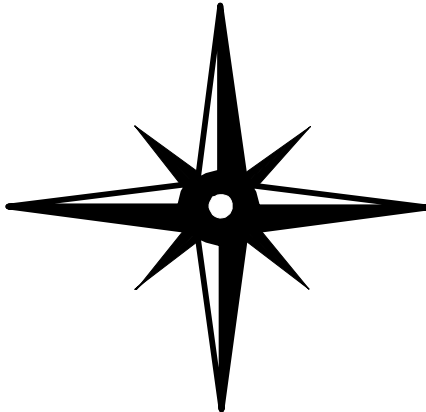
& Mapping

Section

Montana Department
of
Transportation

**Map Description
&
Price List**

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STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
SYSTEMS AND MAPPING SECTION
2701 PROSPECT AVENUE
P.O. BOX 201001
HELENA, MT 59620-1001

MAP DESCRIPTION
&
PRICE LIST

OCTOBER 1996

The Data and Statistics Bureau of the Montana Department of Transportation, in cooperation with the Federal Highway Administration, U.S. Department of Transportation, publishes state, county, city, and urban plats as described and priced in this booklet.

State Maps of Montana

1) **Federal and State Highway Systems, and Financial Districts:**

This map shows the National Highway System (NHS) including Interstate, Non-Interstate NHS, Primary, and Secondary routes. The map includes all system numbers, financial district boundaries, county boundaries, incorporated cities, and some unincorporated cities.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$5.00
b)	18" x 34"	1"=20 miles	\$2.50

2) **Interstate, Non-Interstate NHS, Primary Systems with Mileposts, and Financial Districts:**

This map shows Interstate, Non-Interstate NHS, and Primary Systems. The map includes mileposts with system numbers, county and financial district boundaries, urban areas, and incorporated cities.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$5.00
b)	18" x 34"	1"=20 miles	\$2.50

3) **Interstate, Non-Interstate NHS, Primary with Mileposts, and Secondaries without Mileposts:**

This map shows Interstate, Non-Interstate NHS, and Primary with mileposts. Also shown are Secondary routes with system numbers, county boundaries and incorporated cities and some unincorporated cities.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$5.00
b)	18" x 34"	1"=20 miles	\$2.50

4) **Interstate, Non-Interstate NHS, Primary, and Secondary with Mileposts:**

This map shows Interstate, Non-Interstate NHS, Primary and Secondary routes with mileposts. Also shown are system numbers, incorporated and some unincorporated cities and county boundaries.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$5.00
b)	18" x 34"	1"=20 miles	\$2.50

5) **Interstate, U.S., and State Numbered Routes:**

This map shows Interstate, U.S., State, and Secondary numbered routes. Incorporated cities, urban areas, and county boundaries are also shown.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$5.00
b)	18" x 34"	1"=20 miles	\$2.50

6) **Interstate, Primary, and Rural Traffic Flow:**

This map shows all Interstate, Non-Interstate NHS, U.S. and Primary highways with traffic bands to scale representing total traffic with a breakdown of passenger cars, trucks, and buses. Also shown are county boundaries, cities, and communities. This map is updated bi-annually and is only available in color.

	Size	Scale	Price
a)	36" x 48"	1"=10 miles	\$10.00
b)	18" x 34"	1"=20 miles	\$ 5.00

7) **Counties and County Seats:**

This map shows **only** counties and county seats.

Size	Scale	Price
a) 36" x 48"	1"=10 miles	\$5.00
b) 18" x 34"	1"=20 miles	\$2.50

8) **County Outlines with/without County Names:**

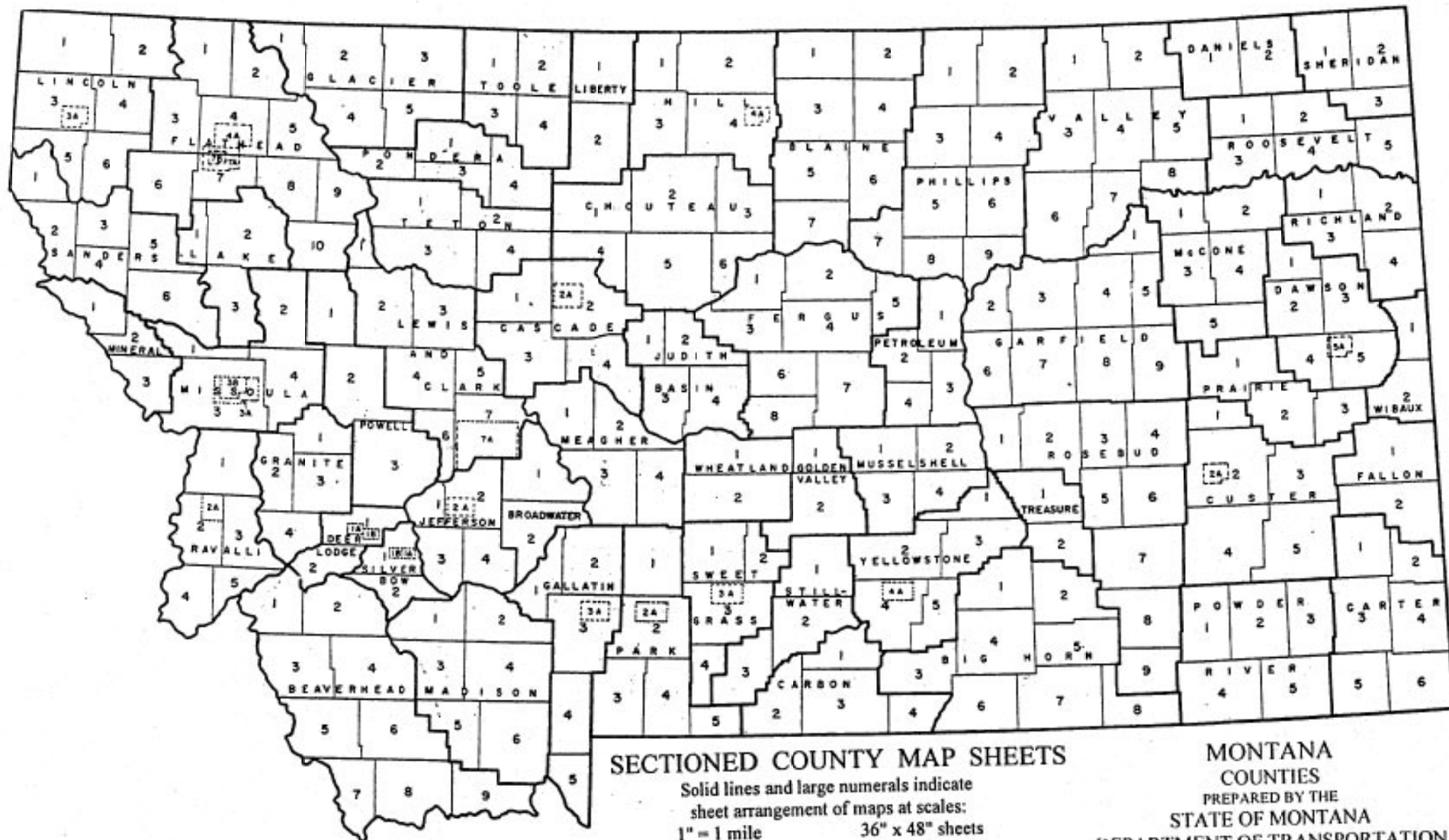
This map shows county outlines and can be provided with or without county names.

Size	Scale	Price
a) 36" x 48"	1"=10 miles	\$5.00
b) 18" x 34"	1"=20 miles	\$2.50

9) **Incorporated Cities and Town Index:**

This map shows incorporated cities with Interstate and Primary routes and county boundaries.

Size	Scale	Price
a) 36" x 48"	1"=10 miles	\$5.00
b) 18" x 34"	1"=20 miles	\$2.50



SECTIONED COUNTY MAP SHEETS

Solid lines and large numerals indicate sheet arrangement of maps at scales:
 1" = 1 mile 36" x 48" sheets
 1" = 2 miles 18" x 24" sheets
 1" = 4 miles (approx.) 8.5" x 11" sheets

Dashed outlines and small numerals indicate sheet location of supplemental maps at larger scales

MONTANA
COUNTIES
 PREPARED BY THE
STATE OF MONTANA
DEPARTMENT OF TRANSPORTATION
DATA AND STATISTICS BUREAU
 IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Maps of Montana's Counties

The planimetric general highway county maps show Interstate, U.S., state, and county roads. Surface type is shown for all roads. Cultural features adjacent to roads are shown by symbols. The maps also show cities, towns, localities, national forests, federal reservations, game refuges, lakes, reservoirs, streams, railroads, and mountain peaks with elevations.

Drainage and alignment of roads are checked with aerial photography wherever coverage is available.

The above data was originally drafted on a land grid of township, range and section lines that were computed on a modified polyconic projection using triangulation of the first and second order for control by latitude and longitude.

The original of each county map was drawn to the scale of 1" = 1 mile on 36" x 48" sheets which necessitated using more than one sheet to complete a county. The index map on the facing page shows the arrangement and number of sheets per county. The map sheet arrangement applies to all county mapping regardless of scale. A complete set of 300 county maps consists of 269 sheets, 17 supplemental sheets (enlargements of congested areas) and 14 urban area sheets.

The map originals, now CADD files, are revised annually to reflect information received from the counties regarding changes in road alignment, surface type, bridges, etc. State and federal changes are also updated annually.

Half and quarter scale maps are prints on reduced scales and sheet sizes.

County maps are printed, upon order, as follows:

Size	Scale	Price Per Sheet	Price Per Set
36" x 48"	1"=1 mile	\$2.50	\$600.00
18" x 24"	1"=2 miles	\$1.50	\$400.00

Also available are County Map Books. See Item #5 in the **Available Publications** section of this book for more details.

Plats of Montana's Cities

The originals of these plats were drafted on 17" x 22" sheets to a scale of 1 inch equal to either 800, 1000, 1200, or 1400 feet. The plats show all of the incorporated cities in the state along with the immediate surrounding vicinity. Interstate, U.S., and state system highways are shown with surface type. City streets without surface type, railroads, post offices, schools, hospitals and elevations are shown within the corporate area. All cultural and local roads with surface type are indicated in the surrounding vicinity.

City plats are available, upon order, as follows:

Paper Prints (Black on White)		
Size	Scale	Price per sheet
17" x 22"	Varies	\$1.00

Also available are City Plat Books. For more information, see Item #6 in the **Available Publications** section of this book.

PLATS OF MONTANA'S URBAN AREAS

These plats show the cities in Montana with populations of 5,000 or more. The originals of these urban area plats include the immediate surrounding vicinity and are drafted on 36" x 48" sheets to a scale of 1 inch equal to either 1000, 1200 or 1400 feet. Both the corporate and urban area boundaries are indicated.

Interstate, U.S., state and urban highway systems are shown with surface type. Railroads, post offices, schools, hospitals, elevations and city streets without surface type are shown within the corporate limits. Local roads with surface type are shown in the surrounding vicinity. These plats also indicate the city limit boundaries within the urban area.

The following urban area plats are available and printed upon order:

Anaconda	Havre	Livingston
Billings	Helena	Miles City
Bozeman	Kalispell	Missoula
Butte	Laurel	Sidney
Great Falls	Lewistown	

Paper Prints (Black & White)		
Size	Scale	Price per sheet
a)36" x 48"	Varies	\$2.00
b)18" x 24"	Varies	\$1.00

Also available are black and white plats of each of the above listed urban cities with the corresponding aerial photograph printed on the reverse side.

Size	Scale	Price
16" x 21"	Varies	\$2.00

Available Publications

1) **Traffic by Sections**

This book summarizes traffic volume and vehicle miles of travel on Montana's highway systems. Average Daily Traffic Volumes on the rural interstate and primary systems are classified into either an "all vehicles" or a "commercial vehicles" category. Pickups are included in with the passenger cars in order to show a more realistic picture of travel by heavier commercial vehicles.

Comparisons are made with traffic volumes from the previous three years for each section of the highway system.

This book is updated bi-annually in odd numbered years.

Description	Price per copy	Update
Traffic by Sections	\$50.00	Bi-annually

2) **Automatic Counters**

This book contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the previous year. The traffic volumes for each month and day of the week are compared to Average Daily Traffic for the year.

At each recorder the highest, the 10th, 20th, 30th, 50th, and the 100th highest hours that occurred during each year are shown as a computed percentage figure of the Average Daily Traffic.

Description	Price per copy	Update
Automatic Counters	\$10.00	Annually

3) **Montana Road Log**

This book presents comprehensive information concerning the length, construction details, and the location of individual projects and the routes which comprise these projects. The log is divided into the following sections:

- Interstate System
- Primary System
- Urban System
- Secondary System
- Summary of all systems

The log shows construction status updated bi-annually in odd numbered years.

The following information is listed for each roadway section:

Section Description, Milepost, State Maintenance Section Number, Project Number, Year Built, Year Improved, Surface Type, Surface Thickness, Base Thickness, Surface Width, Roadway Width, Number of Lanes, Section Length, Location, Project Length, and Accumulated Route Mileage.

Description	Price	Update
Montana Road Log	\$50.00	Bi-annually

4) **Montana Bridges**

This book contains listings of all major and some minor structures on the Interstate, Non-Interstate NHS, Primary, Secondary and Urban Systems. It also lists structures on off-system roads.

Description	Price	Update
Montana Bridges	\$35.00	Varies

5) **County Map Books**

This book contain 8½" x 11" map sheets of the entire state. The maps are printed back-to-back in booklet form.

Description	Size	Scale	Price
County Map Book	8½" x 11"	approx. 1"=4 miles	\$50.00

6) **City Plat Books**

These books contain plats of each incorporated city in Montana. Folded and contained in envelopes in the back of the book are 16" x 21" plats for each of the fourteen urban areas in Montana. These urban plats are printed with the corresponding aerial photos on the back.

Description	Size	Scale	Price
City Plat Book	8½" x 11"	Varies	\$50.00

Ordering Information

All prices listed include postage and handling charges.

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Please include full payment with all orders.

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Due to accounting and shipping costs, there is a \$5.00 minimum on all orders to be mailed.

•

Make checks and money orders payable to:

State of Montana

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On-line ordering is available on the MDT's Internet homepage at **<http://www.mdt.mt.gov>**

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Please Note:

Most of the maps available in Systems and Mapping are not kept in stock but rather are printed upon order. Therefore, if you are planning to pick up your map order at our office, we suggest you call in advance to place your order so that your maps will be ready when you arrive.

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Prices in this booklet are subject to change.

Montana Department of Transportation
 Systems & Mapping Section
 2701 Prospect Avenue
 P.O. Box 201001
 Helena, MT 59620-1001
 Telephone - (406)444-6119 • FAX - (406)444-7671

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Grand Total ➤						

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MDT attempts to provide reasonable accommodations for any known disability that may interfere with a person participating in any service, program or activity of the Department. Alternative accessible formats of this document will be provided upon request. For further information call (406)444-6119. or TDD (406)444-7696.