Montana Roads and Buildings

From the Montana State Library

SNAPSHOT #14

1515 E 6th Avenue
Helena MT 59620-1800
(406) 444-3115
msl.mt.gov

Structure and address data are used for everything from natural resource planning to recovery from natural disasters including floods, wildfires, and earthquakes. The data is essential for daily routines, like package deliveries, to urgent situations, such as dispatching emergency services.
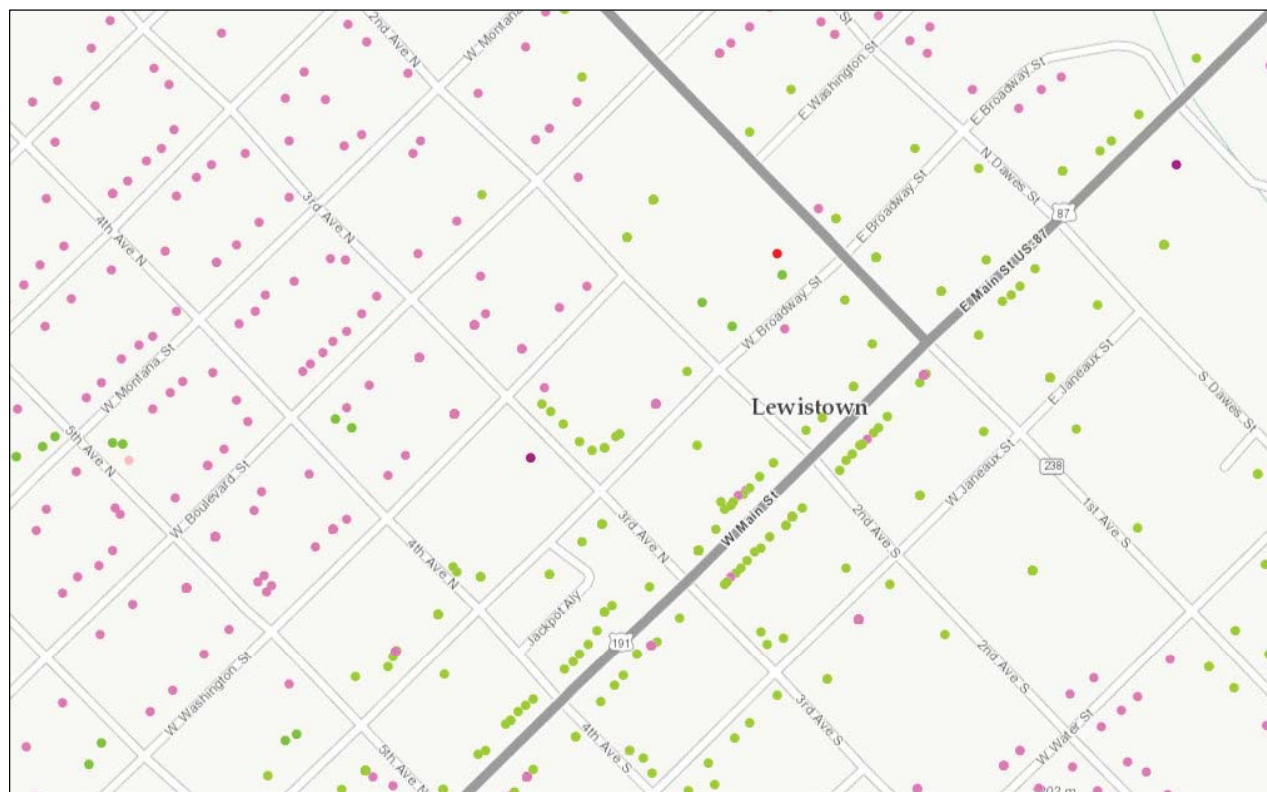
The Montana State Library curates statewide transportation and structures datasets, which are part of the Montana Spatial Data Infrastructure (MSDI) program. It provides an excellent starting point to investigate infrastructure in the Treasure State.

The transportation dataset is the most complete representation of Montana road geometry in a single database. Rather than having to go to individual entities, the public can look for their area of interest such as a county or a particular House or Senate district.

This statewide dataset accurately shows road locations, names, and information about the type of road (rural, city, county, interstate, for example). It incorporates transportation features and attributes from a wide range of data suppliers, including the Montana Department of Transportation; federal agencies such as the Bureau of Land Management and United States Forest Service; and as many individual counties as possible. Staff at the Montana State Library standardize, combine, archive, and frequently update this data into a tool for use by government agencies, individual members of the public, and even private companies such as TomTom.

The MSDI's Structures and Addresses framework combines structures and address spatial data from local, state, tribal, federal and private data providers into a standardized database. This data changes frequently, relying on local governments – primarily counties – to aid in the development and maintenance of structures data where possible. The Structures and Addresses Framework data is updated on a quarterly basis, around the end of March, June, September, and December.

Montana Structures

- Residential and general
- Health and medical
- Emergency services and law enforcement
- Transportation
- Government and military
- Education
- Water supply and treatment
- Energy and utility
- Information and communications
- Mail and shipping
- Commercial and retail
- Agriculture, food, and livestock
- Public attractions and landmarks
- Industrial and manufacturing
- Montana Addresses

Montana State Libary - Digital Library
(406) 444-5354 | geoinfo@mt.gov | http://msl.mt.gov

The information has application in a variety of fields including GIS professionals, planners, public works and emergency management officials as well as commercial entities, non-profits, and interested members of the public. As with all of our spatial datasets, we have GIS professionals on staff that can help answer questions about this dataset at 444-5354 or GeoInfo@mt.gov.

The data for Transportation dataset and the Structures and Addresses framework are available on the Montana State Library website. They can be downloaded in some of the most commonly used GIS data formats for use in most GIS software; they are also available as web services, which can be used in real-time by many applications. We also have tools to convert the data into a number of less commonly used formats. While these are not directly accessible from our website we can often assist with this type of conversion by request.

http://msl.mt.gov/GIS/Transportation
http://msl.mt.gov/GIS/Structures