

## Geodetic Reference Center Goals

- Coordinate and direct MT Height Modernization Program (HMP).
- Coordinate the development and maintenance of the Montana Continuously Operating Reference System (CORS) network.
- Host the Montana Virtual Reference Network (VRN).
- Coordinate the state-wide control mark reconnaissance & recovery program (CMR).
- Coordinate and administer the Montana Control Point Database (MCPD)

## Proposed Projects

- Height Modernization
- High Accuracy Reference Network
- Leveling Projects
- Add additional Continuously Operating Reference System (CORS) stations
- Provide guidance and advising on spatial referencing technical issues
- Develop standards and specifications for geo-referencing projects.
- Implement a Montana Virtual Reference Network

## MONTANA GEODETIC REFERENCE CENTER

Facilitating access to, and promoting the use of reliable geodetic reference information for GIS, surveying, and mapping in Montana.

For more information regarding the [Montana Height Modernization Program](#) please see:

[http://www.mdt.mt.gov/mdt/heightmod/shape\\_files.shtml](http://www.mdt.mt.gov/mdt/heightmod/shape_files.shtml)

For more information about [Montana Geodetic Control Spatial Data Infrastructure](#) please see:

[http://giscoordination.mt.gov/geodetic\\_control/msdi.asp](http://giscoordination.mt.gov/geodetic_control/msdi.asp)

# MONTANA GEODETIC REFERENCE CENTER



## RELIABLE INFORMATION FOR GEO-POSITIONING

### GEODETIC REFERENCE CENTER SUPPORTS POSITIONING & GPS FOR MANY PROGRAMS AND INDUSTRIES

- Agriculture
- Flood Control
- Commerce
- Transportation
- Geographic Information Systems Data Integration
- Geophysics
- Emergency Response
- Rural Addressing



Positioning solutions that support diverse program needs

## HOST BENEFITS

### BOLSTER INTERNAL PROGRAMS

Education and outreach are GRC priorities, so host programs will have ready access to expert knowledge and resources; that can provide educational and research benefits and support the agencies positioning needs.

### PRESTIGE

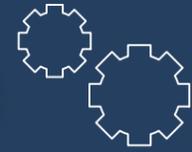
The GRC will be regarded as the primary go-to resource for positioning information in Montana.

### SELF FUNDED CENTER

The Montana Geodetic Reference Center is a concept for an independently funded center that coordinates related geospatial positioning projects and programs, in order to support industry; government; non-profit; and scientific researchers with reliable elevation and horizontal coordinate information.

### HOST SUPPORT RESPONSIBILITIES

1. Provide agency support that fosters and promotes the program mission
2. Provide physical space commensurate to the GRC activities and mission.
3. Provide administrative support



### CENTER STAFFING

The Center will be staffed by a director who is knowledgeable in Global Positioning Systems and geodetic positioning, along with a good understanding of database and computer systems integration. The director's duties and performance expectations are clearly defined. Most activities of the Center may be executed via contracts and service agreements, although some support staffing may be required in the future as programs and projects mature.

