

**MONTANA GEOSPATIAL
INFORMATION ACT
GRANT APPLICATION
STATE FISCAL
YEARS 2027-2028
JULY 1, 2026 – JUNE 30, 2028**

***GLACIER COUNTY NG911 DATA
VALIDATION***



APPLICATION FOR FY2027 MGIA GRANT FUNDING

SECTION 1 – ORGANIZATION, PARTNER, AND PROPOSAL INFORMATION

Primary Applicant Contact Information <i>(Please fill this section out in its entirety)</i>	
Name of Agency/Entity:	Glacier County
Department:	Sheriff's Office
Division/Section:	911
Street:	28 6 th Ave SE
City:	Cut Bank
County:	Glacier
State:	Montana
Zip Code:	59472
Project Manager Contact Information:	
Name:	Jill Brown
Title:	Administrative Assistant to the Sheriff
Email Address:	jbrown@glaciercountymt.gov
Phone Number:	406-873-3652
Secondary Project Manager Contact Information	
Name:	Jason Sullivan
Title:	Sergeant & 911 Supervisor
Email Address	jsullivan@glaciercountymt.gov
Phone Number:	406-873-3652
Authorized Signer Contact Information	
Name	William Gobert
Title	Undersheriff
Email Address	bgobert@glaciercountymt.gov
Phone Number	406-873-3652

Funding Partners <i>(required for each partner, add rows as needed)</i>	
Name of Contact:	Click or tap here to enter text.
Name of Agency:	Click or tap here to enter text.
Street:	Click or tap here to enter text.
City:	Click or tap here to enter text.
County:	Click or tap here to enter text.
State:	Click or tap here to enter text.
Zip Code:	Click or tap here to enter text.
Contact Email Address:	Click or tap here to enter text.
Contact Phone Number:	Click or tap here to enter text.

NOTE: Each identified Funding Partner MUST also submit a letter of support.

Proposal Information	
Date Submitted:	February 24, 2026
Identified Grant Priority: <i>*See the Montana Geospatial Info Plan for information on priorities.</i>	Data Enhancement – Support Addressing MSDI Data Layers (NG911 & GEE) (Contracting)
Proposal Prepared By:	Glacier County
Short Title of Proposal:	Glacier County NG911 Data Validation
Executive Summary	
<p>Glacier County is now in a position where the Sheriff’s Office has realized that there are serious discrepancies with their current addressing and E-911 system. As a rural county with low population density, having concise addressing data that is reliable and current is integral to first response. The county has researched other NG-9-1-1 projects in the state and realizes the standards that they will be required to meet in the years to come as the statewide transition is implemented. The proposed phase of the Next Generation 9-1-1 transition will lay the framework for National Emergency Number Association (NENA) standards. This phase of the project will aim at building a reliable database that is ready for NENA assessment, including road centerline data, address structures, PSAP Boundary, Emergency Service Boundaries, etc. Glacier County Sheriff’s Office has contracted with Great West Engineering. Great West’s GIS team has the capabilities to build a GIS framework to support the next steps of the NG-9-1-1 transition. Great West will provide services to both build and respond to post assessments, after running assessment scripts to identify discrepancies in the current E-911 tables. The statewide validation system will be utilized in order to identify and improve 911 data as necessary.</p>	

MGIA Grant Funding Request and Match	
Total Requested MGIA Funds:	\$24,850
Total Matched Funds:	\$650

SECTION 2 – PUBLIC BENEFIT

- 1) This project aims to benefit the Montana State Library's addressing data (structure) by producing a dataset that is compliant with NENA standards as well as laying a foundational template for the county to continue maintenance and updates to the data down the road. Another theme that will be derived from the deliverable data is a road centerline dataset that will be NENA compliant that can be utilized with the transition of MSDI transportation themes.
- 2) This project will not only be of benefit to the Montana State Library by providing NENA compliant data, but also across agencies within the county including providing the county with their own road network, a reliable structure dataset, and the means to build out their GIS capacity to public works and make data that can be shared county and agency wide. While the goal is to provide a better framework for emergency response to county residents, the GIS system that will be built can be expanded to benefit several agency sectors within Glacier County.
- 3) Public benefits include an in depth QAQC of existing structures and a phased approach to bringing their emergency response system to NG-9-1-1. This project will also lend in providing publicly available data in the form of webmap and webmap-applications. This project would not only benefit the county and state, but also the wellbeing of all Glacier County residents. This initial phase of the project will lay the first steppingstone in creating a safer and more resilient community.

SECTION 3 – PROJECT MANAGEMENT AND ORGANIZATIONAL CAPABILITY

Glacier County has extensive experience of applying and managing grant-awarded projects. Jill Brown will be responsible for working with Montana State Library to provide project reporting, invoicing, and forthcoming data deliverables. Jill will be the primary point of contact with the hired consultants (Great West Engineering), managing the project scheduling, meeting coordination, etc. Jill has extensive experience managing grant awarded projects and coordinating invoicing activities, and the timelines involved with them.

The Secondary Project Manager, Jason Sullivan, Sergeant and 911 Supervisor.

The consultant, Great West Engineering GIS staff (Matt Blassic & Hannah Nishek), will be responsible for execution of items listed in the Scope of Work. This will include execution of all GIS related items in the provided Scope of Work. Matt's qualifications include a Bachelor of Science in Geography with a focus on GIS and Cartography from the University of Montana. Matt and Hannah both serve as on-call GIS/Addressing Coordinators for Meagher County, Wheatland & Golden Valley counties and continue to work with the Glacier County on all GIS related matters. Matt and Hannah also have extensive experience providing management assistance to MGIA awarded communities. Contractual services to complete the work scoped for this project amounts to a total of 175 hours and \$24,850.

See attached PDF Invoice

SECTION 4 – SCOPE OF WORK

Goal 1. Analyze Existing Site Structure Address Points and Road Centerlines against legacy data

Objective 1.1. Project Startup & Kickoff Meeting

Task 1.1.1. Kickoff Meeting – Contractor will host meeting. Meeting invitees will be comprised of Glacier County Sheriff's Office, Great West Engineering, the Agency, and relevant county agencies to review project.

-Completion Date: July 30, 2026

Objective 1.2. Single Layer Validations - Validate and Compile NENA Compliant Site Structure Address Points (SSAPs) & Road Centerlines (RCLs)

Task 1.2.1. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for SSAP points. This task will include a multitude of validations

-Completion Date: September 30, 2026

Task 1.2.2. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for Road Centerlines. This task will include a multitude of validations

-Completion Date: October 30, 2026

Goal 2. Compile, Review, and Analyze All Existing Boundary Datasets for PSAP

Objective 2.1. Single Layer Validations – Validate and Compile PSAP, Fire, EMS, and Law Boundaries

Task 2.1.1. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for PSAP Boundary

-Completion Date: November 30, 2026

Task 2.1.2. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for Fire Boundaries

-Completion Date: November 30, 2026

Task 2.1.3. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for EMS Boundaries

-Completion Date: November 30, 2026

Task 2.1.4. Use the Montana State Library *Data Validation & Aggregation Tool* to complete all single layer validations for Law Boundaries

-Completion Date: November 30, 2026

Task 2.1.5. Complete and Finalize Emergency Service Boundaries – Have final boundaries ready to bring to county agencies and neighboring county agencies and have all geometry fixed to current administrative PSAP boundaries.

-Completion Date: December 20, 2026

Goal 3. Complete Multi-layer Validations

Objective 3.1. Use the Montana State Library *Data Validation & Aggregation Tool* to validate and correct all layer-to-layer validations necessary as outlined by Montana State Library

Task 3.1.1. Use the Montana State Library *Data Validation & Aggregation Tool* to validate all multi-layer validations required by the State Validation Portal

-Completion Date: January 30, 2027

Goal 4. Legacy Data Validations

Objective 4.1. Complete all necessary legacy data validations

Task 4.1.1. Review, compile, and validate MSAG legacy data from E911 system.

-Completion Date: March 30, 2027

Task 4.1.2. Use the Montana State Library *Data Validation & Aggregation Tool* to validate Glacier County Road Centerlines and Structures Datasets against the state standards and 9-1-1 Master Street Address Guide (MSAG), Automatic Location Identifier (ALI) datasets.

-Completion Date: April 30, 2027

Goal 5. Prepare Existing Data from Goals 1 through 4 for State Assessment

Objective 5.1. Compile Geodatabase & Spatial Data for Assessment

Task 5.1.1. Run Topology on Datasets developed in previous tasks and goals.

-Completion Date: May 31, 2027

SECTION 5 – BUDGET JUSTIFICATION AND BUDGET TABLE

Tasks 1.2.1. through 1.2.2. – Validating NENA & Correcting Compliant Roads/Structures

MGIA funds will be used to facilitate GIS related database services to transpose all existing data to updated data schemas that are compliant with NENA standards and begin single layer validations. This will include the visual QA of all structures within the PSAP.

Task 2.1.1 through 2.1.5 - Validating & Correcting NENA Compliant Boundary Datasets

MGIA funds will be used to account for the validating and correcting PSAP, Fire, EMS, and Law Boundary datasets. This will include working internally as well as with neighbors to finalize the PSAP boundary.

Task 3.1.1 – Multi-layer Validations and Corrections

Consultant will use the Montana State Library *Data Validation & Aggregation Tool* to validate and correct all layer-to-layer validations necessary as outlined by Montana State Library.

Task 4.1.1 through 4.1.2 – Compile existing Legacy data including MSAG tables as well as ALI data and validate using State’s validation tool, as well as correcting and facilitating any necessary changes with neighboring PSAPs.

Contractor will work with legacy provider and county staff to finalize and enhance existing legacy data to reach validation.

Task 5.1.1. – Run Topology on Datasets Developed for State Assessment

Contractor will run necessary topology and resolve all topologic errors that exist using error inspector.

SECTION 6 – PROJECT SUSTAINABILITY

The end goal of this project is to provide Glacier County residents with a sustainable dataset that is NENA compliant and ready for the roll out of NG-911 statewide. The data will be developed in a manner that will be easily transferable and shared by the contractor (Great West Engineering) and can be managed by Glacier County Sheriff's Office. While the main component of the outcome of this project is a safer, more efficient system for emergency response, another primary goal is to provide compliant data to the Montana State Library and its MSDI Framework.

Glacier County Sheriff's Office will utilize support from both Great West Engineering, Bob Cochrane and Michael Fashoway, among other resources, to provide the most sustainable GIS and data management system possible. Data will be shared by the contractor and visualized using ArcGIS Pro and ArcGIS Online (AGOL) in future phases of this project so that Glacier County can begin training and staffing for a position to assist in managing the county's addressing dataset, the end goal also to have Glacier County Sheriff's Office provide additional GIS outputs to county residents including public works information and other additional frameworks to benefit the county. Glacier County's roads department and public works will be able to share spatial information with its residents, as well as other public offices will be able to make their data publicly viewable with real world locations and viewable interfaces.

SECTION 7 - RENEWABLE GRANT ACCOUNTABILITY

Glacier County Roads Department was awarded \$7,969 in order to acquire an ArcGIS license, Trimble R1 GPS Receiver, to accurately collect and catalog an updated road centerlines dataset to provide for the County. Deliverables included a web map and file geodatabase of feature classes including, road centerlines, culverts, cattle guards, signs, bridges, and posts. Roads were collected for the purpose of implementing them into the 911 CAD system, and eventually a compliant NG911 dataset. The project was completed within the grant cycle of FY2021 and proved integral in updating a rural county's GIS so that essential assets could be accurately cataloged in order to properly plan and manage Glacier County's Roads Department Assets.

The Glacier County NG911 Validation project that has been proposed for FY2027, will build upon the Roads Department's project in 2021 and implement the data that was collected through MLIA funding, in order to provide residents and the state of Montana MSDI Framework with the most up to date and accurate, NG911 compliant, roads and addressing data.



GLACIER COUNTY COMMISSIONERS

512 E. Main

Cut Bank, MT 59427

Phone (406) 873-3609 • Fax (406) 873-3613

Vernon "Napi" Billedeaux
Chairman
Ext. 3603

Mary Jo Bremner
Vice Chairwoman
Ext. 3602

Sam Bird III
Member
Ext. 3601

February 23, 2026

Glacier County Sheriff's Office
28 6th Ave SE
Cut Bank, Montana 59427
Attention: Jill Brown – Glacier County 911 Coordinator

Dear Ms. Brown,

As a County Commissioner and former Sheriff of Glacier County, I am writing in strong support of the Glacier County Sheriff's Office and its application for MGIA grant funding administered by the Montana State Library for Fiscal Years 2027–2028.

Accurate, standardized addressing and GIS data are essential to effective county operations. Current deficiencies in our addressing and 911 data systems affect not only emergency response, but also elections administration, road maintenance, public works, planning, and overall service delivery. Address data serves as the common reference system that allows agencies to communicate location information clearly and efficiently.

From a public safety perspective, improved GIS data is critical for Next Generation 9-1-1 (NG9-1-1) readiness. NG9-1-1 relies on accurate address points, road centerlines, and jurisdictional boundaries to validate caller locations, properly route calls, and dispatch first responders. Strengthening these data layers will enhance the speed and precision of emergency response across law enforcement, fire, and EMS.

Accurate addressing also supports election integrity by ensuring correct precinct assignments, timely ballot delivery, and compliance with state and federal requirements. In addition, the Road Department and Public Works rely on consistent GIS data for infrastructure planning, maintenance prioritization, contractor coordination, and public communication.

This MGIA-funded project is a strategic investment in shared county infrastructure that will enhance public safety, strengthen election administration, and improve coordination across departments and with state and federal partners. For these reasons, I strongly support approval of this grant application.

Sincerely,

Vernon Billedeaux
Chairman



February 19, 2026

Glacier County Sheriff's Office

28 6th Ave SE

Cut Bank, MT 59427

Attention: Jill Brown – 911 Coordinator

Dear Ms. Brown,

On behalf of Emergency Medical Services serving Glacier County, I am writing in strong support of the Glacier County Sheriff's Office and its application for MGIA grant funding administered by the Montana State Library for Fiscal Years 2027–2028.

Accurate, standardized address and GIS data are critical to effective emergency medical response. From an EMS perspective, deficiencies in address accuracy directly affect response times, patient outcomes, and responder safety. When location data is incomplete, outdated, or inconsistent, valuable time is lost verifying addresses, locating patients, and coordinating with other responding agencies.

This project directly advances Next Generation 9-1-1 (NG9-1-1) readiness by strengthening the quality and reliability of the GIS data used by dispatch centers and first responders. Improved address points and road centerlines will allow EMS units to be routed more efficiently, reduce delays caused by unclear or duplicate addressing, and enhance interoperability with law enforcement, fire departments, and mutual aid partners.

The MGIA investment will provide measurable, countywide benefits, including reduced EMS response times, more accurate dispatch location information, improved responder safety in rural and remote areas, and stronger data sharing across agencies and jurisdictions.

This project addresses a foundational public safety need, delivers immediate operational improvements, and establishes a sustainable framework for future NG9-1-1 capabilities. I respectfully urge approval of this MGIA grant application.

Respectfully,

A handwritten signature in black ink, appearing to be 'CH', with a long horizontal flourish extending to the right.

Curtis Harper EMS Director Logan Health – Cut Bank



GLACIER COUNTY SHERIFF'S OFFICE

502 E. Main Street, Cut Bank, Montana 59427

Phone: (406) 873-2711 * Fax (406) 873-3633

Sheriff Thomas Seifert

February 19, 2026

Glacier County Sheriff's Office
Attention: Jill Brown – 911 Coordinator
Address: 28 6th Ave SE
Cut Bank, MT 59427

Dear Jill,

As Sheriff of Glacier County, I am writing in full support of our office's application for MGIA grant funding through the Montana State Library for Fiscal Years 2027–2028.

Accurate addressing and reliable GIS data are essential to effective emergency response. Our current 911 data system contains deficiencies that can delay response times, complicate call routing, and create uncertainty for deputies, dispatchers, and other first responders during critical incidents. This project directly addresses those challenges.

By improving address accuracy and standardization, this initiative will strengthen our readiness for Next Generation 9-1-1 (NG9-1-1) operations. Deputies, city officers, fire, medical, and dispatch personnel will have greater confidence that the location information they receive is accurate, allowing them to respond more quickly and safely. These improvements are especially important in rural areas, seasonal residences, and locations where traditional addressing has historically been inconsistent.

Beyond emergency response, improved address data benefits coordination with external partners, including the United States Postal Service, utility providers, and mutual aid agencies. When all partners rely on the same accurate location data, overall service delivery improves and confusion during emergencies is reduced.

Public safety depends on precision. This project will provide immediate and long-term benefits to residents, visitors, and first responders by ensuring that when someone calls 911, help can find them without delay.

I strongly support approval of this MGIA grant application and believe it is a critical step toward safer, more effective emergency services in Glacier County.

Respectfully,

A handwritten signature in black ink, appearing to read "Tom Seifert", written over a white rectangular area.

Tom Seifert

Sheriff

Glacier County, Montana

February 20, 2026

Glacier County Sheriff's Office
Attention: Jill Brown – 911 Coordinator
Address: 28 6th Ave SE
Cut Bank, MT 59427

Dear Jill,

As the Elections Administrator for Glacier County, I am writing in strong support of the Glacier County Sheriff's Office and its application for MGIA grant funding administered by the Montana State Library for Fiscal Years 2027–2028.

Accurate, standardized address and GIS data are essential to the fair, efficient, and secure administration of elections. Address information is foundational to voter registration, precinct assignment, ballot distribution, and compliance with state and federal election requirements. Deficiencies in address accuracy can result in voter confusion, incorrect precinct placement, delays in ballot delivery, and increased administrative burden on election staff.

This proposed address improvement project directly supports Next Generation 9-1-1 (NG9-1-1) standards while also strengthening the integrity of election-related data systems. Improvements to address points, road centerlines, and jurisdictional boundaries will enhance the accuracy of voter rolls, support correct precinct and district assignments, and improve coordination between elections, clerk and recorder offices, GIS departments, and public safety agencies. From an elections administration perspective, the benefits of this project include:

- Improved accuracy of voter registration records
- Reduced risk of incorrect precinct or district assignments
- More reliable delivery of election materials through the United States Postal Service
- Increased voter confidence in the accuracy and reliability of election systems
- Reduced administrative corrections and election-day issues related to addressing errors

This MGIA-funded project represents a strategic investment in shared data infrastructure that supports not only emergency services but also democratic processes and public trust. Accurate addressing creates consistency across county systems, reduces discrepancies between departments, and supports long-term sustainability of election operations.

I support this project because it strengthens the foundational data upon which elections depend while advancing countywide NG9-1-1 readiness. I respectfully encourage approval of this MGIA grant application.

Sincerely,



Crystal Cole
Elections Administrator
Glacier County, Montana

