

**MONTANA GEOSPATIAL INFORMATION ACT  
GRANT APPLICATION**

**STATE FISCAL YEARS 2027-2028  
JULY 1, 2026 – JUNE 30, 2028**

***MUSSELSHELL COUNTY  
E-911/GIS MODERNIZATION &  
ADDRESSING PROJECT***



**Musselshell County  
506 Main Street  
Roundup MT 59072**

# APPLICATION FOR FY2027 MGIA GRANT FUNDING

## SECTION 1 – ORGANIZATION, PARTNER, AND PROPOSAL INFORMATION

<b>Primary Applicant Contact Information</b> <i>(Please fill this section out in its entirety)</i>	
<b>Name of Agency/Entity:</b>	Musselshell County
<b>Department:</b>	DES
<b>Division/Section:</b>	GIS/Rural Addressing
<b>Street:</b>	506 Main Street
<b>City:</b>	Roundup
<b>County:</b>	Musselshell
<b>State:</b>	Montana
<b>Zip Code:</b>	59072
<b>Project Manager Contact Information:</b>	
<b>Name:</b>	Justin Russell
<b>Title:</b>	DES Director
<b>Email Address:</b>	jrussell@co.musselshell.mt.us
<b>Phone Number:</b>	406-323-2777
<b>Secondary Project Manager Contact Information</b>	
<b>Name:</b>	Darren Rook
<b>Title:</b>	DES Coordinator
<b>Email Address</b>	drook@co.musselshell.mt.us
<b>Phone Number:</b>	406-323-2777
<b>Authorized Signer Contact Information</b>	
<b>Name</b>	Robert Pancratz
<b>Title</b>	Commission Chair
<b>Email Address</b>	rpancratz@co.musselshell.mt.us
<b>Phone Number</b>	406-323-1104
<b>Funding Partners</b> <i>(required for each partner, add rows as needed)</i>	
<b>Name of Contact:</b>	Justin Russell
<b>Name of Agency:</b>	Musselshell County- Providing in-kind staff

<b>Street:</b>	506 Main Street
<b>City:</b>	Roundup
<b>County:</b>	Musselshell
<b>State:</b>	Montana
<b>Zip Code:</b>	59072
<b>Contact Email Address:</b>	jrussell@co.musselshell.mt.us
<b>Contact Phone Number:</b>	406-323-2777

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

<b>Proposal Information</b>	
<b>Date Submitted:</b>	2/18/2026
<b>Identified Grant Priority:</b> <i>*See the <a href="#">Montana Geospatial Info Plan</a> for information on priorities.</i>	Ng911 Data Development/ Prioritize Needs To Collect, Maintain, & Disseminate Geospatial Information
<b>Proposal Prepared By:</b>	Justin Russell
<b>Short Title of Proposal:</b>	<i>MUSSELSHELL COUNTY E-911/GIS MODERNIZATION &amp; ADDRESSING PROJECT</i>
<b>Executive Summary</b>	
<p>Musselshell County has relied on an Enhanced 9-1-1 (E-911) system supported by GPS and GIS data for many years to assist emergency responders in locating incidents and delivering timely public safety services. As rural addressing, development patterns, and emergency response demands continue to evolve, the County recognizes the critical need to maintain accurate, current, and standardized geospatial datasets that support E-911 operations. Additionally, Musselshell County understands that eventual migration to a Next Generation 9-1-1 (NG9-1-1) platform will require GIS data that meets modern standards and statewide interoperability requirements.</p> <p>Through this Montana Geospatial Information Act (MGIA) grant application, Musselshell County seeks funding to update, supplement, and improve its existing E-911 and GIS datasets. Project activities will focus on refining address points, road centerlines, and associated public safety geospatial layers to ensure data accuracy, reliability, and consistency across emergency response systems. These improvements will directly enhance call routing, dispatch efficiency, and responder safety for law enforcement, fire, emergency medical services, and allied agencies throughout the County.</p> <p>This project will not only strengthen current E-911 capabilities but will also proactively prepare Musselshell County's geospatial infrastructure for a smooth and cost-effective transition to NG9-1-1. By investing in foundational GIS improvements now, the County is ensuring long-term public safety readiness, improved emergency response outcomes, and alignment with state and national 9-1-1 modernization efforts.</p>	
<b>MGIA Grant Funding Request and Match</b>	

<b>Total Requested MGIA Funds:</b>	\$86,220.00
<b>Total Matched Funds:</b>	\$26,615.00

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## **SECTION 2 – PUBLIC BENEFIT**

This project directly supports multiple Montana Spatial Data Infrastructure (MSDI) themes and statewide geospatial initiatives by improving the quality, accuracy, and interoperability of Musselshell County’s E-911 and public safety GIS data. Primary MSDI themes addressed include **Framework Transportation, Addresses, Administrative Boundaries, and Public Safety**, all of which are foundational to effective emergency response and Next Generation 9-1-1 (NG9-1-1) readiness. Through this project, Musselshell County will deliver updated and standardized road centerlines, address points, and associated E-911 geospatial datasets that meet current state and national standards. These deliverables will be structured to support seamless data sharing with the Montana State Library, public safety answering points (PSAPs), dispatch systems, and partner agencies. Data improvements will also be designed to support future NG9-1-1 migration without requiring costly rework. The public benefit of this project extends beyond Musselshell County. Accurate and consistent geospatial data improves call routing, dispatch efficiency, and responder safety for fire, law enforcement, emergency medical services, and mutual-aid partners operating across jurisdictional boundaries. Improved datasets reduce response delays, minimize misrouting of emergency calls, and support coordinated multi-agency incidents—particularly critical in rural and frontier areas. From a cost-savings perspective, investing in data modernization now reduces long-term expenses associated with emergency response inefficiencies, duplicate data maintenance, and future NG9-1-1 conversion efforts. Centralized, standardized datasets also improve operational efficiency for county departments, state agencies, utilities, and planning entities that rely on accurate GIS information. Ultimately, this project strengthens Montana’s statewide geospatial framework by enhancing data quality at the local level while delivering measurable public safety, efficiency, and interoperability benefits to Musselshell County and surrounding Montana communities.

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## **SECTION 3 – PROJECT MANAGEMENT AND ORGANIZATIONAL CAPABILITY**

### **Organizational Experience and Capacity**

Musselshell County has a demonstrated history of successfully managing state and federal grants that support public safety, infrastructure, and geospatial data development. The County routinely administers projects funded through the Department of Justice, Montana Disaster and Emergency Services, FEMA, Homeland Security Grant Program (HSGP), Cooperative Fire Protection Capacity grants, and other state-administered programs. These projects have required compliance with strict reporting, reimbursement, documentation, and audit standards, all of which Musselshell County has consistently met.

### **Project Management Structure**

Primary Project Manager: Justin Russell

Musselshell County Disaster & Emergency Services Coordinator / County Fire Warden / GIS Coordinator

Justin Russell serves as the Musselshell County Disaster & Emergency Services Director, County Fire Warden, County Fire Chief and GIS Coordinator, with primary responsibility for E-911 addressing and public safety GIS coordination. He has extensive experience managing state and federal grants, coordinating multi-agency emergency response projects, and overseeing communications and GIS infrastructure initiatives. Mr. Russell has successfully managed projects that require strict reporting, reimbursement, and compliance

standards. As Primary Project Manager, he will oversee project scope, schedule, deliverables, MSDI alignment, reporting, and reimbursement coordination with the Montana State Library.

The County maintains in-house GIS and E-911 program management capability, supported by established financial, procurement, and grant administration processes through the County Clerk and Finance Office. This structure ensures appropriate separation of duties, fiscal oversight, and compliance with state grant requirements.

The Primary Project Manager will be responsible for overall project coordination, scope management, scheduling, and deliverable acceptance. Responsibilities include coordinating data development activities, ensuring alignment with MSDI standards, serving as the primary point of contact with the Montana State Library, submitting required progress reports, and coordinating reimbursement requests.

#### Secondary Project Manager: Darren Rook

Musselshell County DES Coordinator / Deputy Project Manager

Darren Rook serves as a DES Coordinator for Musselshell County and supports emergency management operations, interagency coordination, and public safety initiatives. He brings practical experience in rural emergency response, documentation, and project support activities. As Secondary Project Manager, Mr. Rook will assist with data validation, documentation, progress tracking, and continuity of project oversight. He will also provide operational support to ensure project milestones and deliverables are met.

The Secondary Project Manager will support data validation, documentation, progress tracking, and, as needed, the continuity of project oversight.

#### **Consultant Oversight and Quality Control**

If consultants are utilized, Musselshell County will manage all procurement in accordance with county and state requirements. Consultants will be provided with clear scopes of work, deliverable standards, timelines, and reporting expectations. The Primary Project Manager will conduct regular check-ins, review interim products, and verify data accuracy prior to acceptance. Final deliverables will be reviewed to ensure compliance with MSDI, E-911, and NG9-1-1 readiness standards.

#### **Reporting, Reimbursement, and Grant Compliance**

Musselshell County has established internal processes for grant tracking, reporting, and reimbursement. The Primary Project Manager will compile required progress reports and documentation, while the County Clerk and Finance Office will review and submit reimbursement requests to the Montana State Library. All invoices will be supported by detailed documentation, proof of payment, and deliverable verification.

Through experienced staff, proven grant management practices, and strong internal controls, Musselshell County is well positioned to successfully deliver this project on time, within budget, and in full compliance with MGIA grant requirements.

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## **SECTION 4 – SCOPE OF WORK**

**Goal 1 – GPS/GIS Field Audit** Conduct a structured, 2-year GPS/GIS field audit to verify/update the County’s GIS data, prioritizing public safety accuracy, emergency communications and NG911 readiness.

### **Objective 1.1. – Develop Public Outreach Materials**

#### **Task 1.1.1. – Public Notification and Data Solicitation - July 1-15, 2026 (Year 1, or Y1)**

The County will develop doorhangers (tear-off, mail-back postcards) to be distributed/left at each field-verified structure. The doorhangers will explain the project and solicit resident/contact info. Postcards will be assigned a unique I.D. # and delivered in person or affixed to the structure and include a web link to a secure webform allowing online submittal. Collected info may include owner/resident names, landline and wireless phone #'s, and other emergency-relevant details. Pre-paid postage will be included to encourage participation. County will also issue a public service announcement (PSA) and press release to promote awareness and participation.

County will bear all costs of these solicitation materials/PSA as part of their in-kind grant contributions.

#### **Task 1.1.2. – Online/Digital GIS Viewer - Ongoing**

Prior to this grant opportunity, the County foresaw the need for a GIS data viewer accessible to County staff to support internal work functions – and to the general public to facilitate education and information to garner project support and understanding of potential changes. The County has contracted with a highly qualified and experienced team of Consultants to organize the existing GIS data and develop an on-line application to allow primary/internal users (e.g. County employees) to work with the available data (protected under log-in credentials) to support their job functions. This effort will greatly expand the local GIS user community, as GIS data was previously only available to DES staff.

Consultants will also clone the Primary/Internal version of the GIS Viewer and strip/restrict any sensitive data (e.g. phone #'s) to offer a Public version, including a Public Notice regarding the project. The Viewer will help the County inform and educate its residents on the whys and hows of these efforts (including potential address changes) to ultimately better support them on multiple fronts (e.g. emergency dispatch & response, voter & vehicle registration accuracy, drivers licensing, school bus routing, growth policies, planning, sanitation, property evaluations, etc.). A link to the Public GIS Viewer will be posted on the County’s website.

The GIS Viewer will be developed and in place/use prior to the MGIA project and will be a “live” tool for County staff to demonstrate project progress, as the GIS data is field-verified and cleaned up/processed. Structure points and roads can be color-coded and/or otherwise symbolized to visually show what has been reviewed and is done, what needs to be reviewed and is still pending, etc. The County will bear all GIS Viewer(s) costs as part of their in-kind grant contributions.

#### **Task 1.1.3 – E-911 & NG911 Database Schema Merger & Field Set-up - July 15-31, 2026 (Y1)**

As part of its initial work with the County, MSL staff converted previous E-911 structure point (SP) and road centerline (RCL) data to NG911 formats. Consultant will work with the MSL staff to add supplemental GIS fields, particularly on the structure point schema, to support local data needs (e.g. phone numbers, owner name, resident name, mailing address, old and new address cross-referencing, structure type, structure description, remarks, alternate contacts, etc.). Domains will be established to support rapid and standardized data attribution. The resulting GIS data schema will be published to ArcGIS Online (AGOL) and downloaded to field data collection devices for Field Maps testing/tweaking of the data verification/collection set-up. The 2025

NAIP aerial imagery will be used as a background layer. Fieldwork will be scheduled during optimal weather conditions to ensure efficiency, safety, and data quality.

## **Objective 1.2. – Conduct GPS/GIS Field Audit**

### **Task 1.2.1. – Multi-Year GPS/GIS Field Data Verification/Collection - Aug – Sept 2026 (Y1) and again, July – Aug 2027 (Y2)**

County will initiate a 2-year GPS/GIS field audit using Consultant's equipment (tablet-based ESRI Field Maps app/software paired with sub-meter GPS receiver). County estimates 3,500+ structure records – split between 30% urban (1,100) and 70% rural (2,400) - and 1,300+ road miles. Previous/similar MLIA grants were approved at a per structure cost (includes labor, fuel, vehicle, per diem, etc.). DES staff will assist Consultant with daily fieldwork to gain firsthand knowledge of procedures, methods and software/hardware, as well as deliver the postcards and talk to the owner/resident (if present). Urban areas will be prioritized to maximize public benefit and cost efficiency, followed by rural areas. About 1,750 structures/year will be verified. Consultant's vehicles will be clearly marked with large door signs and 9-1-1 decals, including flashing amber safety lights in higher traffic situations.

Two (2) field teams will verify/review structures and road segments against existing GIS data. For accessible addressed structures, SPs will be shifted to their actual location based on visual confirmation and/or aerial imagery. RCLs will be adjusted/remapped as needed. Structure attributes will be verified/updated, including structure type/description, access point (AP), an access-point-to-structure-point (AP2SP) connector (fishbone to show connectivity to the road network), remarks (e.g. vacant, abandoned, seasonal use only, under remodel/construction, beware of dogs, etc.), and related E-911 info (e.g. narrow wooden bridge, low-hanging tree limbs, no turn-around, etc.). A digital structure photograph (taken ideally from the front on approach – e.g. what a responder would see coming in) will be captured and attached to each GIS record (e.g. for reference in dispatch and from MDTs or tablets for responders), as a picture is worth 1,000 words. Road surface types (e.g. concrete, asphalt, gravel, dirt, etc.) and road points (e.g. mileage reference markers, one-ways, cattle guards, bridges, gates, boat landings, fishing/hunting accesses, etc.) will also be collected to allow data color-coding and symbology within digital and printed maps to support navigational reference and emergency response.

DES staff will participate in all fieldwork to gain familiarity with procedures and software and openly demonstrate the County's support for their residents. The County will also supply all fuel for necessary on-site fieldwork/verification efforts as part of their in-kind grant contributions.

### **Task 1.2.2. – Process Digital Structure Photos - Oct 2026 (Y1) and Sept 2027 (Y2)**

SP photographs collected in the field will be stored locally and on-line, renamed as each SP's unique I.D. #, and hot-linked to allow multiple means of reference/retrieval. Dispatch and emergency response personnel can then access photos through mapping apps/software for improved situational awareness and location efficiency.

The County will bear all costs associated with the taking of the SP photographs and their subsequent GIS processing as part of their in-kind grant contributions.

### **Task 1.2.3 – GIS Processing/Records Matching - Nov 2026 – Jan 2027 (Y1) and Oct – Dec 2027 (Y2)**

Field data will be reviewed/edited to ensure all new APs are snapped to the road network, AP2SPs are snapped – and all new RCLs are edited for outlier vertices, snapped into the road network (for routing) and FADD/TADD and other attribution are updated accordingly. SPs and RCLs will also be updated with NG911 attribution (e.g. IncMncpty\_L/R, ESN\_L/R, County\_L/R, etc.).

Resident responses received via postcards, webforms, phone calls, or in-person submissions will be received by the County and then validated by the Consultant using UIDs. Current parcel, postal, landline phone, voter registration, sanitation and water billing records, etc. will be acquired and cross-referenced against the GIS data and each SP's attribution will be updated accordingly. Each SP will be coded or tagged with an address record "status" (e.g. Verified, Pending, Review, etc.) to allow efficient communication of address confirmation or change-of-address notification letters.

DES staff will receive supplemental ArcGIS Pro editing training to support response processing. The team will use a coordinated editing workflow to ensure data integrity, version control, and efficiency.

**Task 1.2.4. – Address Notifications - Feb - Mar 2027 (Y1) and Jan - Feb 2028 (Y2)**

SP statuses coded during Task 1.2.3. will be used to identify address records that need to be changed to promote/support data standardization. Previous addresses that do not "fit" the standardized addressing patterns, either in town or rural, will be marked for a change-of-address notification letter, including an explanation of the reason for the change. Consultant will generate the mailing materials including a double-sided change-of-address notification (e.g. printed form letter detailing old address vs. new with instructions – including a map diagram and SP photo printed on the back to support property owner/resident confirmation of which structure and where) and a frequently asked question (FAQ) notice that will be tri-folded, stuffed into a postage-paid #10 window envelope with a DES return address and bright red "9-1-1 Address Enclosed – Please Open Immediately" message. The form letter will include instructions for the Property Owner/Resident to: consult the GIS Viewer URL link for general questions (or feedback via an online form); call the Consultant to report potential errors or corrections; or contact the DES Staff to voice their project support or deliver gripes/complaints. Processed mailing batches (packs of printed, stuffed and sealed envelopes by ZIP code) will be shipped to the DES staff for local Post Office application of a local Postmark. Property Owners/Residents will be given a 2-3 week window for response – and the data adjusted accordingly by the Consultant (e.g. follow-up confirmations of changes/corrections sent). County staff will review all address change appeals to determine final decisions and coordinate with the Consultant.

Potential address changes have estimated by MSL staff during preliminary NG911 data prep and review to include 600 "bad" addresses. Pricing for up to 700 notifications (approximately 20% of the estimated # of structures) is included in this task. About half of this task will be completed each year.

**Task 1.2.5. – E-911 Vendors Coordination - April 2027 (Y1) and March 2028 (Y2)**

Consultant will provide updated shapefiles (and/or a file GDB) of recently verified RCLs and SPs to the County's ENS, CAD and mapped ALI software vendors. Spatial coordinates (e.g. lat/lon values) or other required fields/values included (as needed).

DES staff will provide ongoing data support (e.g. reports or other data) to outside agencies involved.

**Task 1.2.6. – Local Data Coordination - May 2027 (Y1) and April 2028 (Y2)**

Validated addresses, will be digitally coordinated/shared by the Consultant with the local Dept. of Revenue office for updating of property records, the Clerk & Recorder's Office for updating of the TotalVote voter registration data, the Treasurer's Office for updating of their tax, sanitation and vehicle registration records, the local Postmasters (and Postal Address Mgmt. Systems reps) for updating of any mailing address records and finally, with the local phone, power and gas companies for updating of their utility records. Shared data will either confirm the existing address record or notify of an address change (e.g. old address, mailing address and new address will all be included). Ultimately, the State will receive the updates as well, as they filter

through the normal update processes from the Counties. The MSL will receive these updates faster (likely) via the NG911 initiative.

DES staff will provide ongoing data support (e.g. reports or other data) to outside agencies involved.

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## **Goal 2 – NG911 Data Implementation**

### **Objective 2.1 – NG911 Validation, Testing and Coordination**

#### **Task 2.1.1. – Administrative Boundaries – June 2027 (Y1)**

Consultant will acquire NG911 boundaries (e.g. PSAP, Law, Fire, EMS, municipal boundaries, etc.) and review with MSL staff. Municipal boundaries will be reviewed with community officials (e.g. Town Clerk/Mayor/Public Works) to ensure any recent changes or annexations are accounted for. Fire and EMS Boundaries will also be reviewed with the local Fire Chiefs and EMS to ensure accuracy. The administrative boundaries will be published to AGOL and loaded to the GIS Viewer – then shared back with State theme stewards

DES staff will support the Consultant with local communications as needed (e.g. liaison with County agencies and Town officials).

#### **Task 2.1.2. – NG911 Validation/Testing Set-up & Ongoing Coordination - March – June 2028 (Y2)**

With the support of MSL staff, the Consultant will acquire and set-up the appropriate ArcGIS Pro toolboxes and data field mapping set-up to allow use of the NG911 portal for initial SSAP and RCL validations to identify mark-up error points. Consultant/MSL staff will initiate weekly or bi-weekly Teams collaboration calls to coordinate results and identify issues.

DES staff will be involved in the initial validation runs so they are exposed to the process and understand the tasks involved.

#### **Task 2.1.3. – NG911 Validations & Error Resolutions - March – June 2028 (Y2)**

Validation testing errors or mark-up points from Task 2.1.2. will be provided to the Consultant for GIS review and remediation (e.g. adjusting FADD/TADD ranges on road arcs, snapping road splits to administrative boundaries, etc.). Master Street Address Guide (MSAG) and Automatic Location Identification (ALI) records will be acquired from the E-911 System and also tested against the NG911 data to identify errors. Consultant will be provided with access credentials to the Intrado MSAG and ALI records to allow corrections to be submitted as needed. Data will be tested and reviewed/edited and retested as needed until the appropriate validation percentages are reached and the MSL staff indicates the County data has “passed” and the final data is uploaded to the NG911 portal and enters a data maintenance mode.

DES staff will be involved in the data remediation tasks to assist Consultant to resolve any data discrepancies the Consultant cannot readily fix – and so they are exposed to the process and understand the tasks involved.

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## **Project Timeline**

Musselshell County, MT - MGIA GRANT APPLICATION (FY2027)																											
Detailed Timeline	JUN E26	JUL Y26	AUG 26	SEP 26	OCT 26	NOV 26	DEC 26	JAN 27	FEB 27	MAR 27	APR 27	MAY 27	JUN E27	JUL Y27	AUG 27	SEP 27	OCT 27	NOV 27	DEC 27	JAN 28	FEB 28	MAR 28	APR 28	MAY 28	JUN E28		
Grant Award Notification																											
SOW & Contractor Agreements																											
Overall Grant Admin/Train'g/Coordntn																											
<b>1. GPS/GIS Field Audit</b>																											
<b>1.1. Develop Public Outreach Materials</b>																											
1.1.1. Public Notification and Data Solicitation																											
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1.1.3. E-911 & NG911 Database Schema Merge																											
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1.2.2. Process Digital Structure Photos																											
1.2.3. GIS Processing/Records Matching																											
1.2.4. Address Notifications																											
1.2.5. E-911 Vendors Coordination																											
1.2.6. Local Data Coordination																											
<b>2. NG911 Data Implementation</b>																											
<b>2.1. NG911 Validation, Testing and Coordination</b>																											
2.1.1. Administrative Boundaries																											
2.1.2. NG911 Vldtn./Testing Set-up & Ongoing Coordntn.																											
2.1.3. NG911 Validations & Error Resolutions																											



reasonable, necessary, and directly tied to specific project tasks and deliverables outlined in Section 4. The budget reflects a cost-effective approach that prioritizes public safety outcomes, statewide data consistency, and future NG9-1-1 readiness.

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## **SECTION 6 – PROJECT SUSTAINABILITY**

Musselshell County is committed to sustaining and maintaining the GIS and E-911 data improvements achieved through this project well beyond the MGIA grant period. Upon project completion, responsibility for ongoing data maintenance will rest with the County’s Department of Emergency Services (DES), which currently manages E-911 addressing, GIS coordination, and public safety data updates as part of its regular operations.

The project is designed as a one-time data modernization effort that establishes a strong, standardized baseline for future maintenance. Routine updates—such as new address assignments, road additions and changes, and structure updates—will be incorporated into existing DES workflows and supported through the County’s operating budget. By investing in data accuracy and NG9-1-1-ready schemas now, Musselshell County will reduce future costs associated with data rework, emergency response inefficiencies, and statewide NG9-1-1 transition requirements.

Musselshell County will coordinate with the Montana State Library and appropriate MSDI theme stewards to submit updated datasets and metadata and to ensure continued alignment with statewide standards. As changes occur over time, the County will provide periodic updates to MSDI datasets in accordance with State Library guidance and available local resources.

This project also strengthens long-term GIS capacity by expanding staff familiarity with ArcGIS Pro and ArcGIS Online workflows, improving internal data stewardship, and establishing repeatable processes for public safety GIS management. The use of standardized schemas, documented workflows, and shared platforms ensures that future staff transitions will not disrupt data continuity.

By integrating these improvements into daily operations, leveraging existing County resources, and maintaining coordination with the Montana State Library, Musselshell County will ensure the project’s results remain accurate, relevant, and beneficial to local responders and Montana communities for years to come.

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## **SECTION 7 - RENEWABLE GRANT ACCOUNTABILITY**

Musselshell County has not been awarded a Montana Geospatial Information Act (MGIA) grant within the past five years. As such, there are no past MGIA projects for which to provide a narrative of successes, challenges, or lessons learned.

While Musselshell County does not have prior MGIA grant experience, the County has extensive experience managing state and federal grants with similar reporting, deliverable, and compliance requirements. This includes grants administered through the Montana DNRC, Disaster and Emergency Services, FEMA, and other public safety and infrastructure programs. In these efforts, the County has consistently met project timelines, fulfilled deliverables, and complied with reporting and reimbursement requirements.

Musselshell County also maintains internal processes for tracking project progress, invoicing, and documentation, and has learned from other geospatial data initiatives (e.g. E-911 addressing projects) how to integrate consultant work with County staff oversight. This background ensures that, although new to MGIA specifically, the County is well positioned to successfully execute and responsibly manage this grant, meet all MGIA requirements, and deliver the expected outcomes for improved geospatial data quality and statewide interoperability.

**Sandra Jones, Mayor**

FLOYD FISHER, President of Council  
TANYA LANTER, Clerk/Treasurer  
CASSANDRA MANN, Assistant Clerk  
LON SIBLEY, Director of public Works  
BRADLEY MARKING, City Judge

# City of Roundup

*P.O. BOX 660  
Roundup, MT 59072  
Phone (406) 323-2804 Fax (406)323-2757  
Roundupmontana.net*

LIGGETT, SARAH	Ward I
VIVIRITO, JAMES	Ward I
FISHER, FLOYD	Ward II
ERICKSON, JEREMY	Ward II
CARLSON, RICK	Ward III
LONG, DOLLY	Ward III
KAILING, DON	Ward IV
SOBIESKI, RYAN	Ward IV

**Date:** February 17, 2026

**Re:** Letter of Support – MGIA Grant Application  
*Musselshell County E-911 GIS Modernization & Addressing Project*

To Whom It May Concern,

On behalf of the City of Roundup, I am pleased to offer this letter of support for Musselshell County's application to the Montana Geospatial Information Act (MGIA) Grant Program for the **E-911 GIS Modernization & Addressing Project**.

The City of Roundup relies daily on accurate E-911 addressing, road centerline data, and GIS-based mapping to support emergency response by law enforcement, fire, emergency medical services, and dispatch. As the primary population center within Musselshell County, the City has a strong interest in ensuring that geospatial data used for emergency communications is current, accurate, and consistent across jurisdictions.

This proposed project will significantly improve the quality and reliability of GIS and E-911 data that directly supports emergency response within the City of Roundup. By enhancing address points, road data, and public safety datasets, the project will improve call routing, reduce response times, and enhance responder safety. Additionally, preparation for future Next Generation 9-1-1 (NG9-1-1) implementation is a forward-looking investment that benefits both local residents and regional response partners.

The City of Roundup fully supports Musselshell County's efforts to modernize its geospatial infrastructure and appreciates the collaborative approach taken to ensure that municipal needs are reflected in countywide datasets. We recognize the County's commitment to providing oversight, in-kind support, and long-term maintenance of the data developed through this project.

Thank you for your consideration of this application and for supporting projects that strengthen public safety and emergency response across Montana communities.

Sincerely,



**Sandra Jones**  
Mayor, City of Roundup

# MUSSELHELL COUNTY

MIKE GOFFENA  
MICHAEL TURLEY  
ROBERT S. PANCRATZ  
COUNTY COMMISSIONERS  
506 Main Street  
406-323-1104

CHERYL TOMASSI  
CLERK & RECORDER  
506 Main Street  
406-323-1104  
Fax: 406-323-3303

DARCIE L. HETRICK  
TREASURER  
SUPT. OF SCHOOLS  
ASSESSOR  
506 Main Street  
406-323-2504  
Fax: 406-323-3127



ROUNDUP, MONTANA 59072

SHAWN L. LESNIK  
SHERIFF  
CORONER  
820 Main Street  
406-323-1402  
Fax: 406-323-2566

BEN KRAKOWKA  
COUNTY ATTORNEY  
506 Main Street  
406-323-2230  
Fax: 406-323-3458

BARB HALVERSON  
CLERK OF DISTRICT COURT  
506 Main Street  
406-323-1413  
Fax: 406-323-1710

BRAD MARKING  
JUSTICE OF THE PEACE  
P.O. Box 565  
406-323-1078

**Date:** January 30, 2026

**Re:** Letter of Support – MGIA Grant Application  
*Musselshell County E-911 GIS Modernization & Addressing Project*

To Whom It May Concern,

On behalf of the Musselshell County Board of Commissioners, we are pleased to provide this letter of support for Musselshell County's application to the Montana Geospatial Information Act (MGIA) Grant Program for the **E-911 GIS Modernization & Addressing Project**.

Accurate, current, and reliable geospatial data is essential to public safety operations in Musselshell County. Our rural and frontier geography places additional importance on dependable E-911 addressing, road centerline accuracy, and GIS data that emergency responders and dispatchers rely upon every day. This project directly supports improved emergency response, responder safety, and coordinated multi-agency operations across the county.

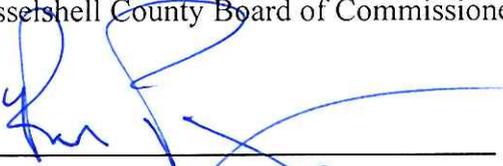
The proposed project will enhance the County's existing E-911 and GIS datasets, improve alignment with Montana Spatial Data Infrastructure (MSDI) standards, and prepare the County for eventual transition to Next Generation 9-1-1 (NG9-1-1). These improvements will provide long-term value not only to Musselshell County residents, but also to neighboring jurisdictions and state agencies that depend on accurate local geospatial data.

The Board of Commissioners fully supports this application and confirms the County's commitment to providing staff time, oversight, and in-kind contributions necessary to successfully complete the project and sustain the results beyond the grant period. We are confident that Musselshell County has the organizational capacity, experience, and accountability required to deliver the proposed scope of work in compliance with MGIA and Montana State Library requirements.

Thank you for your consideration of this important public safety and geospatial data improvement project.

Sincerely,

Mussetshell County Board of Commissioners



Robert Pancratz- Chairman



Mike Goffena- Commissioner



Michael Turley- Commissioner

**Musselshell County Road Department**

Musselshell County  
Roundup, Montana

**Date:** 2/17/2026

**Re:** Letter of Support – MGIA Grant Application  
*Musselshell County E-911 GIS Modernization & Addressing Project*

To Whom It May Concern,

I am writing on behalf of the Musselshell County Road Department to express our full support for Musselshell County's application to the Montana Geospatial Information Act (MGIA) Grant Program for the E-911 GIS Modernization & Addressing Project.

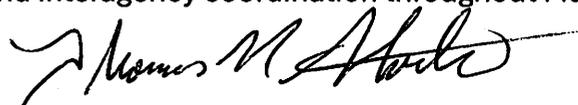
The Road Department relies heavily on accurate and up-to-date GIS data, particularly road centerlines, access points, and addressing information, to support daily operations, maintenance planning, emergency response coordination, and public safety activities. Accurate geospatial data is especially critical in a rural county like Musselshell, where road networks span large areas and are frequently used by emergency responders unfamiliar with local conditions.

This project will improve the accuracy and consistency of road and addressing datasets that directly support both emergency response and road operations. Updated GIS data will assist the Road Department in coordinating with dispatch, fire, law enforcement, and emergency medical services during incidents, while also improving internal planning, asset management, and response efficiency. Enhancements to E-911 and GIS datasets will also reduce confusion related to road naming, addressing discrepancies, and access routing during emergencies.

The Musselshell County Road Department supports the County's efforts to modernize its geospatial infrastructure and prepare for future Next Generation 9-1-1 (NG9-1-1) implementation. We appreciate the collaborative approach taken to ensure road-related data is verified, accurate, and aligned with statewide standards.

Thank you for considering this project that will benefit public safety, transportation operations, and interagency coordination throughout Musselshell County.

Sincerely,



**Tom Stockert**

Department Head  
Musselshell County Road Department



