Butte-Silver Bow Road Ownership Attribution Project - Phase 2

Prepared by Butte-Silver Bow
for Montana State Library MLIA Grant Program FY 2023

Submitted by Jeremy Grotbo

Submitted on 02/24/2022 8:41 AM Mountain Standard Time

Opportunity Details

Opportunity Information

Title
MLIA Grant Program FY 2023

Description
In accordance with the Montana Land Information Act (MLIA), the Montana State Library administers an annual grant program to distribute accumulated funds from the Montana Land Information Account, established by MLIA. Grant applications are evaluated by the State Library and its advisory council, the Montana Land Information Advisory Council, and follow the MLIAC Grant Subcommittee Code of Ethics. Grant criteria are established based on the original intent of the MLIA and the goals and objectives of the annual Montana Land Information Plan. Please direct all grant program questions to MLIAGrants@mt.gov.

Please use the companion MLIA Grant Program Application Guidelines for more program information and instructions: https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf

The MLIA Grant Program will be offering two training programs for MLIA grant applicants. One training will be held on January 25, 2022, at 1:30 p.m. to provide instruction on completing and submitting an application using the AmpliFund system. A second training will be held on January 28, 2022, at 9:00 a.m. to provide instruction on the nuts and bolts of writing a grant proposal. Registration is required for both training sessions. More details and registration information can be found at the following link: https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf

Prospective applicants are also encouraged to contact MLIA Grant Program staff for assistance with the grant application. Staff are available for one-on-one meetings with applicants to answer questions and provide guidance on completing the MLIA Grant Application. Please contact mliagrants@mt.gov for assistance.

Awarding Agency Name
Montana State Library

Agency Contact Name
Erin Fashoway

Public Link
https://mt.amplifund.com/Public/Opportunities/Details/123802e0-eb1a-49ba-aef4-1804047fe225

Is Published
Yes

Funding Information

Total Program Funding
$250,000.00

Funding Sources
State

Award Information

Award Period
07/01/2022 - 06/30/2023

Award Announcement Date
5/16/2022

Award Type
Competitive

Capital Grant
No

Indirect Costs Allowed
No

Matching Requirement
Yes

Submission Information

Submission Window
01/13/2022 4:30 PM - 02/15/2022 5:00 PM

Submission Timeline Type
One Time

Submission Timeline Additional Information
https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf

Allow Multiple Applications
Yes

Technical Assistance Session

Technical Assistance Session
Yes

Session Date and Time
01/25/2022 1:30 PM

Conference Info / Registration Link
https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf

Eligibility Information

Eligibility Type
Public

Eligible Applicants

Additional Eligibility Information
https://geoinfo.msl.mt.gov/mliagrant

Applicants must represent one of the following forms of government within Montana:

Any department, agency, board, commission, or other division of state government. (This includes the Montana University System.)

Any city, county, or other division of local government.

A tribal government/entity within the state.

Additional Information

Additional Information URL
https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantTrainingFlyer2022.pdf

Additional Information URL Description
The MLIA Grant Program will be offering two training programs for MLIA grant applicants. One training will be held on January 25, 2022, at 1:30 p.m. to provide instruction on completing and submitting an application using the AmpliFund system. A second training will be held on January 28, 2022, at 9:00 a.m. to provide instruction on the nuts and bolts of writing a grant proposal. Registration is required for both training sessions. More details and registration information can be found at the link above.

Prospective applicants are also encouraged to contact MLIA Grant Program staff for assistance with the grant application. Staff are available for one-on-one meetings with applicants to answer questions and provide guidance on completing the MLIA Grant Application. Please contact mliagrants@mt.gov for assistance.

Project Information

Application Information

Application Name
Butte-Silver Bow Road Ownership Attribution Project - Phase 2

Award Requested
$42,520.00

Cash Match Requirement
$0.00

Cash Match Contributions
$0.00

In-Kind Match Requirement
$0.00

In-Kind Match Contributions
$37,673.00

Total Award Budget
$80,193.00

Primary Contact Information

Name
Jeremy Grotbo

Email Address
jgrotbo@bsb.mt.gov

Address
155 W. Granite
Butte, Montana 59701

Phone Number
(406) 497-6262

Project Description

Part 01: Proposal Information

Proposal Information

Please see the MLIA Grant Program and Application Guidelines for more information about the MLIA Grant -
https://docs.msl.mt.gov/MLIAC/FY2023/MLIAGrantProgramApplicationGuidelinesFY2023.pdf.

The applicant must identify one MLIA FY2023 Grant Priority that the proposed project will address. To read about all MLIA Grant Priorities, please read the **FY2023 MLIA Land Information Plan**.

Identify Grant Priority

Develop GIS Information to Support Next Generation 9-1-1 (NG9-1-1) – Development of GIS data that are National Emergency Number Association (NENA) Standard Compliant ▾

Please indicate whether or not the proposed grant is part of a multi-year proposal. If it is, please identify the intended total number of years for the project and the current year of the project. After clicking "yes" below, you will see text boxes appear in which you can enter the required information about the multi-year project.

Multi-Year Proposal
○ Yes
◉ No

Executive Summary

The Butte-Silver Bow (BSB) Planning Department would like to continue work on our previous Road Ownership Attribution Project (FY2021). The project's objective is to enhance the BSB E911 Street Centerline geodatabase for integration into the State's MSDI Transportation theme according to Next Generation 911 best practices and National Emergency Number Association (NENA) standards.

BSB requests $42,520 of MLIA funds to support the hire of two temporary specialists who will perform transcription and analysis of historic records containing road ownership attribute information, catalogue findings, and provide spatial and tabular information to the BSB GIS Office for geoprocessing. The information identified in the research phase will be incorporated into the BSB E911 Street Centerline geodatabase. The outcome of this effort will be NENA standard compliant road centerlines for integration into the MSDI Transportation theme. This data will improve capacity for Silver Bow County emergency responders to access urban and rural areas of the county via public roads and provide comprehensive public right of way information to the State.

The proposed project (Phase 2) seeks to build upon the work of the FY2020 MLIA grant funds for the Butte-Silver Bow Road Ownership Attribution Project. In the FY2020 project, BSB road ownership was mapped through 1955. For this grant cycle, we propose to complete mapping the ownership from 1956 forward through this grant year to create a complete E911 Street Centerline geodatabase.

The project will occur between July 1, 2022, through June 30, 2023. BSB commits an in-kind match totaling $37,673 consisting of salaries, benefits. These in-kind funds represent real work to accomplish the proposed project.

Part 02: Funding Partners & Statements of Support

Funding Partners

All funding partners must be identified. Statements of support are required for each identified funding partner. Please attached a statement of support for each idenitfied partner in .pdf version. Any funds pledged to this proposal must be reflected in the statements of support. See MLIA Grant Compliance – MLIA Grant Funding Partners section for the definition of a funding partner in the **FY2023 MLIA Grant Program and Application Guidelines**.

Please follow the instructions below to report information about all applicable funding partners and to attach letters of support. If there are no funding partners on this project, please select "Mark as Complete" and move on to the next form.

Do you have a Funding Partner?
◉ Yes
○ No

Name of Contact
J.P. Gallagher

Name of Agency
Butte-Silver Bow

Street Address
155 W. Granite

City
Butte

Zip Code
59701

Contact Phone Number
4064976222

Statement of Support
BSB MLIA FY23 LOC

Do you have a second Funding Partner?
○ Yes
◉ No

Part 03: Relevance

Relevance to the FY2023 Montana Land Information Plan: In this section, please:

1. Describe how the proposal meets the purpose of the Montana Land Information Act: to develop a standardized, sustainable method to collect, maintain, and disseminate information; and
2. Clearly demonstrate how the proposal meets the defined **FY2023 Montana Land Information Plan Priority**.
3. *EXCEPTION: This section is not required for applicants submitting proposals for the sole purpose of collecting new survey control data.*

_____

Relevance

Is the proposed project for the sole purpose of collecting new survey control data
○ Yes
● No

Relevance

The Butte-Silver Bow (BSB) Planning Department proposes this Road Ownership Attribution project to reconcile deficiencies in BSB cadastral information and support geographic information systems for public safety and emergency response. This project will further the Montana Land Information Act (MLIA) Plan's objective of generating Next Generation 9-1-1 (NG 911) Road Centerlines for incorporation into the State's MSDI Transportation theme and enhance BSB's capacity to standardize land records documentation and make this information commonly available.

BSB's land records collection is a comprehensive public asset. However, BSB has identified deficits in its road ownership information. BSB regularly fields road ownership inquiries to, for example, determine public right of way through rural areas of the county. In some cases road ownership information is unavailable within our GIS database. In such instances, missing road ownership information forces staff to initiate time-intensive and costly research efforts.

Following one such effort, the BSB Public Archives (Archives) began assembling a road ownership attribute database from its collection of non-current government records. Research and analysis of Council of Commissioners minutes, petitions and communications, Street and Alley Committee records, Road Department Records, and other miscellaneous documents including School Superintendent Records revealed valuable road ownership attribute information that has the potential to greatly enhance BSB GIS' E911 Street Centerline geodatabase. These historic records pair with existing roadway information, providing additional context and evidence of ownership of rights of way.

The BSB Road Ownership Attribution Project - Phase 2 will expand capacity to perform archival research and identify road ownership attribute information and spatially join this information to the BSB 'E911 Street Centerline' geodatabase. This effort will produce "NG 911 Road Centerlines" and assure emergency services access throughout urban and rural Silver Bow County. Phase one of the Project established a system of databases and mapping programs, as well as a methodology for data entry, reconciliation, and maintenance of ownership information.

This project seeks to build upon the work of the FY2020 MLIA grant used for the Butte-Silver Bow Road Ownership Attribution Project. In the FY2020 project, BSB road ownership was transcribed, attributed, and mapped through 1955. The proposed FY2023 project will complete entry of roadway ownership from 1956 forward through this grant year to create a complete E911 Street Centerline geodatabase.

If selected for funding, deliverables will be a digital map book of roadways, road ownership information uploaded to the E911 centerline file, and a data upload to the MSDI Transportation theme.

SCORING: RELEVANCE - 100 TOTAL POINTS

Meets Purpose of MLIA (Reviewer Only)

EXCEPTION: This section is not required for applicants with the sole purpose of collecting new survey control data. Assign full credit in this category for those applications.

The applicant clearly states how the proposal will meet the purpose of the Montana Land Information Act: to develop standardized, sustainable methods to collect, maintain, or disseminate information in digital formats about the natural and artifical land characteristics of Montana (0-50 Points)

(Reviewer Only)

Meets Purpose of MLIA (0-50 Points) (Reviewer Only)

Meets Land Information Plan Defined Grant Priority (Reviewer Only)

The applicant describes how the proposal will meet one of the defined grant priorities of the FY2022 Land Information Plan. The applicant provides specific examples that clearly explain how the project addresses specific goals and objectives in the Land Plan. If the proposed grant applies to an MSDI theme, the applicant demonstrates a knowledge and understanding of that theme. (0-50 points)

(Reviewer Only)

Meets Land Information Plan Defined Grant Priority (0-50 Points) (Reviewer Only)

Part 04: Public Benefit

Public Benefit: In this section, please describe why and demonstrate how the grant project will:

1. Benefit one or more specific **MSDI themes**, including any theme-specific priorities as identified in the **FY2023 Land Information Plan**;
2. Enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; and
3. Benefit the citizens of Montana
4. *Exception: This section is not required for GIS Project Planning applicants or applicants with the sole purpose of collecting new survey control data.*

Is the proposed project for GIS Project Planning applicants or applicants with the sole purpose of collecting new survey control data?

○ Yes
◉ No

Public Benefit

The BSB Road Ownership Attribution Project – Phase 2 will improve the State's MSDI Transportation theme and contribute important road ownership attribute information to the State's Next Generation 9-1-1 Road Centerlines assuring emergency services access throughout Silver Bow County.

The BSB E911 Street Centerline geodatabase contains NENA compliant road attribute information that supports emergency response services in Silver Bow County. This information serves as the base map for emergency services resources including map books and ArcGIS Online (AGOL) web maps. These resources ensure efficient response to calls for emergency assistance throughout the County and are particularly valuable when responding to rural emergencies.

For example, several years ago, a land transaction occurred in the Highland Range south of Butte. The new owner acquired a large portion of land and upon acquisition fenced off the Highland Road with a locked gate. Following the acquisition, homeowners in the vicinity worried the closure would prevent emergency services from accessing the area on the west side of the Highland range. They argued a fire or flood could trap them, leaving only one route of escape. Legal proceedings ensued shortly thereafter resulting in a time-consuming research effort to document and determine public or private ownership.

The Archives utilized historic Council minutes, petitions, surveys, maps, and newspaper clippings to complete this research. Ultimately, the Archives found the Highland Road was established as a postal road in the 1860s, verified the road was used by County School Superintendents to visit rural schools, was a route to existing mines, and used by biologists and scientists to study wildlife habitat. The research also revealed the County's past efforts to survey and improve the road. This research enabled BSB to prevail in litigation and keep the road open and accessible to emergency services personnel and public.

More recently, and since Phase 1 of the Project, ownership inquiries of county and federal forest service access were revealed through mapping databases. Emergency responders, winter maintenance schedules, and the location of proper access were answered in a matter of minutes versus hours, saving the time of researchers, responders, and the public alike. Similarly, the results of these inquiries, resulted in more reliable, evidence-based solutions ensuring that the decisions relied upon sourced documentation based on historic records.

The current Centerline database has proved useful over the past two years by incorporating records through 1955. Phase 2 of this project will allow Butte-Silver Bow to complete the project by incorporating the remaining records through current, thereby helping the public obtain the most complete and accurate information when researching ownership information.

SCORING: PUBLIC BENEFIT - 100 TOTAL POINTS

(Reviewer Only)

EXCEPTION: This section is not required for applicants with the sole purpose of collecting new survey control data or proposing a GIS project planning grant. Assign full credit in this category for those applications.

(Reviewer Only)

(Reviewer Only)

The applicant's proposal demonstrates how the proposal will benefit one or more specific MSDI themes, including any theme-specific priorities identified in the FY2023 Land Information Plan; enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; and benefit the citizens of Montana. (0-100 points)

1. The proposal clearly describes how it will benefit one or more specific MSDI themes, including any theme-specific priorities identified in the FY2023 Land Information Plan;

2. The proposed project describes how it will enhance the land information needs of multiple business workflows/initiatives, agencies, and/or jurisdictions; for example, a county project benefits public works, the sheriff's office, and planning department. The proposed project describes how it will benefit multiple cross-jurisdictional agencies. For example, a county project may also benefit the Forest Service, BLM, and a tribal government entity;

3. The proposed project demonstrates public benefit to the citizens of Montana.

(Reviewer Only)

Public Benefit (0-100 Points) (Reviewer Only)

Part 05: Project Management

Primary Project Manager Contact Information

Salutation
Mr.

Primary Project Manager Name
Jeremy Grotbo

Primary Project Manager Title
GIS Coordinator

Primary Project Manager Organization
Butte-Silver Bow

Primary Project Manager Email Address
jgrotbo@bsb.mt.gov

Primary Project Manager Phone Number
406-497-6262

Secondary Project Manager

Salutation
Ms.

Secondary Project Manager Name
Aubrey Jaap

Secondary Project Manager Title
Assistant Director, BSB Public Archives

Secondary Project Manager Organization
Butte-Silver Bow

Secondary Project Manager Email Address
ajaap@bsb.mt.gov

Secondary Project Manager Phone Number
406-782-3280

Organizational Capability

In this section, please demonstrate the organization's past record of performance with similar projects; the ability to implement the methodology described in the scope of work; and the organization's capability to support and sustain the project.

Organizational Capability

BSB Geographic Information Services (GIS) Office and Land Records Office are divisions of the BSB Planning Department. The GIS Office's mission is to provide the most complete, accessible, and accurate spatial database to benefit City-County, State, Federal and private sector applications and mapping projects. BSB submits this application along with their full measure of experience to undertake the BSB Road Ownership Attribution Project-Phase 2.

BSB has broadly applicable experience in grant administration and program management. At present, the BSB Planning Department is recipient and administrator of several grant funded projects across federal, state and local programs such as the Neighborhood Stabilization Program through the United States Department of Housing and Urban Development, State of Montana Community Transportation Enhancement Program (CTEP) funds, State of Montana Department of Natural Resource Conservation (DNRC), and State of Montana Natural Resource Damage Program (NRDP) grant funds. BSB is the previous recipient of four MLIA awards which have resulted in dramatic updates to the quality of nearly every aspect of BSB spatial data. BSB GIS staff ensure the integrity and functionality of existing datasets for all facets of BSB operations including community development, land use planning, emergency management, and resource protection.

BSB Land Systems Division looks forward to working with the BSB Archives to further enhance its Cadastral information. The BSB Archives brings significant research expertise to this effort as well as vast collections containing road ownership information which will improve the BSB E911 Street Centerline geodatabase for the advancement of the State's MSDI Transportation Theme and NG 911 Road Centerlines.

SCORING: ORGANIZATIONAL CAPABILITY (0-25 Points) (Reviewer Only)

ORGANIZATIONAL CAPABILITY

The applicant demonstrates the organization's past record of performance with similar projects; the ability to implement the methodology described in the scope work; and the organization's capability to support and sustain the project.

(Reviewer Only)

Organizational Capability (0-25 Points) (Reviewer Only)

Project Management

In this section, the applicant must demonstrate the defined project managers', key personnel's, and funding partners' adequate skills, qualifications, and experience for the defined project. And the following, if applicable, must be demonstrated.

1. Management Plan -- The applicant must demonstrate how the defined project manager—not the hired consultant—will manage the entire project, including meeting the mandatory reporting requirements, communicating with the State Library, fulfilling data requirements, and managing all hired consultants.

2. Financial Management -- Applicant provides a contact and a copy of the official invoice document for their respective organization in a .pdf format. (uploaded below)

3. Past Record of Performance -- The applicant must demonstrate the defined project managers' GIS project management experience, grant management experience, and (if applicable) consultant management experience. The applicant must provide concrete examples of each and explain how the experience gained in those projects relates to the current proposal.

4. Hiring a Consultant (if applicable) -- The applicant must describe the plans to hire a consultant and the procurement process for acquiring these professional services.

Project Management

Dylan Pipinich – BSB Planning Director
Mr. Pipinich has 14 years of project management experience, including project budgeting and grant management. He will provide general project oversight of BSB Land Records Division personnel and facilitate coordination with the BSB Archives. His frequent use of GIS to develop and implement Planning policy will allow him to effectively contribute to all phases of the project when necessary.

Jeremy Grotbo – BSB GIS Coordinator
Mr. Grotbo has 10 years of experience with GIS software, data maintenance, and map production. He will assist with in-house data management, software operations, and perform the upload of base layers as well as development of map books and online web maps. He will also oversee data entry and coordinate the Data Specialist's work.

Dan Janosko – GIS Specialist I
Mr. Janosko has 4 years of experience in GIS software and infrastructure information management. He will aid in data refinement and maintenance, information exchanges, and distribution of information to the Public.

Aubrey Jaap – Assistant Director, BSB Public Archives
Ms. Jaap is the Assistant Director of the Butte-Silver Bow Public Archives. She heads the Archives digitization programs and oral history collections, as well as manages the non-current government records for Butte-Silver Bow. She collaborates with the University of Montana's Irish Studies Program to curate exhibits on the Irish diaspora, which travels throughout Montana's libraries and museums. In 2016, she authored a grant to the National Historical Publications and Records Commission to catalog and preserve the historic C. Owen Smithers Photograph Collection. Aubrey is also a member of the Montana State Historical Records and Advisory Board. She has her B.S. in Public Relations from Montana State University-Billings. Ms. Jaap will supervise transcription activities and research and documentation of historic records. She will coordinate training and provide supervision of the Temporary Specialists and Archives volunteer.

Tom Loggins – Road Superintendent, BSB Public Works
Mr. Loggins serves as the Road Superintendent for Butte-Silver Bow. Mr. Loggins has 27 years of experience as a heavy equipment operator and extensive knowledge of the BSB Transportation Network. His familiarity with all rural and urban routes, and ongoing cooperative working relationships with Federal and State agencies, will add important detail to this effort.

Dave Aguirre – BSB Land Records Coordinator
Mr. Aguirre has 20+ years of experience conducting and managing projects with the Montana Department of Environmental Quality. His experience and his current duties of coordinating the BSB Land Records Division require him to use GIS on a regular basis. Mr. Aguirre will contribute to the project whenever needed and will coordinate Land Records Clerk work.

Roxie Larson – BSB Land Records Clerk
Ms. Larson has 25+ years of experience in Community planning and land records and brings a thorough understanding of all phases of property ownership and land transactions. This knowledge was accrued while working in the private sector and with Butte-Silver Bow. Her experience and expertise in this area will allow her to assist with research of land records including Certificate of Surveys, Platted Land Developments, and recorded legal documents.

Archives Volunteer
This individual currently volunteers at the Archives on a regular basis performing research as interested. The volunteer will support the Research Specialist and Transcription Specialist throughout the project's duration.

Research Specialist (Temporary)
This position will complete review and research of historic collections.

Transcription Specialist (Temporary)
This position will read and transcribe the oldest hand-written historic records that the OCR software cannot read and electronically transcribe.

SCORING: PROJECT MANAGEMENT (0-75 Points) (Reviewer Only)

Project Management:

a. The applicant must demonstrate adequate skills, qualifications, and experience for the defined project managers, key personnel, and funding partners.

b. Financial Management - Applicant provides a contact and a copy of the official invoice document for their respective organization in a .pdf format.

c. Management Plan – The applicant demonstrates how the defined project manager—not the hired consultant—will manage the entire project, including meeting the mandatory reporting requirements, communicating with the State Library, fulfilling data requirements, and managing all hired consultants.

d. Past Record of Performance – The applicant must demonstrate the defined project managers' GIS project, grant, and, if applicable, consultant management experience. The applicant must provide concrete examples of each and explain how the experience gained in those projects relates to the current proposal.

e. Hiring a Consultant – If applicable, the applicant must describe the plans to hire a consultant and procurement process for acquiring professional services. If a consultant has been hired, applicant must identify the consultant, define the amount of time, identify key personnel, and the consultant's procured services and work completed relevant to the proposal.

(Reviewer Only)

Project Management (0-75 Points) (Reviewer Only)

Identified Consultant Information

If the applicant plans has hired and is under contract with a consultant who will perform work on the project, please select "yes" and complete the fields that appear below.

Has the applicant hired a consultant to perform work on the proposed project?
○ Yes
◉ No

_____

Invoicing Methodology

In order for the Montana State Library to distribute awarded grant funds for incurred authorized project costs, the MLIA Grant Award Recipient must invoice the Montana State Library for reimbursement. The applicant must provide a sample, in PDF format, of the applicant's official invoice document.

Please attach sample invoicing documents
BSB Invoice Template

APPLICANT'S FINANCIAL CONTACT

Salutation
Ms.

Financial Contact Name
Danette Gleason

Financial Contact Title
Director, BSB Finance and Budget

Financial Contact Organization
Butte-Silver Bow

Financial Contact Email Address
dgleason@bsb.mt.gov

Financial Contact Phone Number
406-497-6323

Part 06: Project Sustainability

Project Sustainability

Sustainability is one of the key pillars of the Montana Land Information Act's purpose. In this section, the applicant must demonstrate future project sustainability and include a plan for long-term funding and future enhancements. Please explain how the project will be maintained in the long term, including staffing and funding plans and reducing dependencies on MLIA funding. If the grant proposal has identified improving an existing MSDI data layer, please explain how the applicant will coordinate with the Montana State Library to ensure the information will be made available. Explain any projected future enhancements that may require additional third-party funding.

Project Sustainability Narrative

Upon completion of the road ownership historical data input, the Butte-Silver Bow (BSB) Land Records Office will be responsible for working with GIS to maintain and update the ownership information.

As part of the Project's Scope of Work, The Butte-Silver Bow GIS Department will update, edit, refine, and archive data results concurrent with any changes to public record. GIS features will be updated to show any roadway additions, changes of ownership, and acts of council. This project provides the foundation for all data amendments going forward. BSB will share these primary source files with the State of Montana, as data links or periodically as packaged features. A primary purpose of this project is a collaboration between publics agencies, as well as providing the public with centralized, easily accessible information. The results of the project will serve inquiries to the status of road ownership, the location of easements, aid in emergency access, and help to refine standards for address assignments.

Street centerline information, procedures for indexing addresses and their ranges, the attributes necessary for holding this information, and their associated geometry will standardize GIS records to NENA and Next Gen 911 requirements. Information collected by this project as well as all existing GIS data will be updated to match these standards long-term. Cooperation between the GIS and Land Records Departments to establish protocol for records keeping, as well as coordination with Publics Works with all new entries will ensure that standards are applied to all future additions to the database.

A rigorous methodology for data entry will also be set into place. New information or changes to existing records will require tools and other mechanisms that more accurately record data. For instance, applications that automate metrics such as distances or specify precise locations will be used. Similar, plan set, construction drawings, or other source documents will be needed to maintain data integrity, but also the framework of the database itself.

Additionally, the Archives and Land Records Division collaboration is aimed at establishing internal processes and procedures to collect and incorporate historical information into local spatial databases. As noted, historic documentation identified in the Archives' collections has proven essential to ensuring public access to rural areas of Silver Bow County. This partnership will support ongoing sustainability of BSB spatial databases and routine updates to collections provided to the State Library for the public's benefit.

SCORING: PROJECT SUSTAINABILITY - 100 TOTAL POINTS

(Reviewer Only)

The applicant must demonstrate future project sustainability. (0 – 100 points)

a. This must include future enhancements and a plan for long-term staffing for the continued maintenance of the deliverables created with MLIA grant funds.

b. The application must explain funding plans and plans for reducing dependencies on MLIA funding.

c. If the grant proposal has identified improving an MSDI data layer, the proposal should explain how the applicant will coordinate with the Montana State Library to ensure the integration into the statewide framework layers.

(Reviewer Only)

Project Sustainability (0-100 Points) (Reviewer Only)

Part 07: Grant Accountability

Renewable Grant Accountability

The applicant must identify all awarded MLIA Grants to their organization. All MLIA grants awarded to the applicant's governmental entity/agency must be accounted for. State government applicants must only report for their respective agency. Performance on previously awarded MLIA grant projects will be taken into consideration in the final prioritization. Please consult the following resources to research previously awarded grants:

-- For a detailed listing of the previsouly awarded MLIA Grants - https://geoinfo.msl.mt.gov/Awarded_MLIA_Grants

Did the applicant receive an MLIA grant in fiscal year 2022?
○ Yes
◉ No

Fiscal Years 2018-2021 MLIA Grant Cycles

Please indicate whether or not the applicant was awarded any MLIA grants during state fiscal years 2018-2021. Please select "yes" for any of the following applicable years. After clicking "yes," you will see a text box appear in which you can enter a written narrative explaining the grant project. In the text box, please provide a written narrative for each grant awarded, outlining the successes and failures of the grant. Explain how tasks, timelines, and deliverables of the project were or were not met. Demonstrate how past project failures will ensure future successes.

Did the applicant receive an MLIA grant in fiscal year 2021?
○ Yes
◉ No

Did the applicant receive an MLIA grant in fiscal year 2020
◉ Yes
○ No

FY 2020 MLIA Grant Project Title
Butte-Silver Bow Road Ownership Attribution Project

FY 2020 MLIA Grant Summary
In 2019, Butte-Silver Bow (BSB) applied for a Montana Land Information Act, Fiscal Year 2020 grant. BSB sought funding for two temporary research specialists, to perform data transcription and to map their findings. This work aided BSB in reconciling roadway ownership and determining public easements and the location of public rights of way. In doing so, these efforts would formalize street centerline and addressing point files with Next Generation 911 and NENA standardization.
After the awarding of funds in mid-2020, BSB hired two specialists, a researcher and a transcriber to gather, read, map, and link information sources with a visual representation. Early on, it was determined that direct digitization, that is electronic GIS data entry would best serve the project goals as well as manage and distribute information in the most efficient way. With the help of GIS staff, county Council records with any mention of public ownership or agreement were recorded into electronic spreadsheets, providing a duplicate digital database for paper source documentation. These records were then located and entered into ArcGIS Online, with feature attributes linked to spreadsheets with based upon sequences unique identifying numbers. Through this process all county documents up to the mid-1950s were digitized.
This information was then joined to current roadway data, matching all historic information with modern roadway centerlines. This process resulted not only in a directly link between source records and every date of mention, but also provided a quick, easy, and reliable method of data verification for county staff, researchers, law and emergency professions, as well as the public at large. With particular attention to emergency services, this project established a foundation on which existing GIS information will be updated to Next Generation E911 and NENA standards. The final intention of the project is twofold: 1) a database of public roadway ownership, and 2) modernization of digital records keeping.
Though the previous grant made good on these goals, there is more to do. Information after the mid-1950s to present day is still be entered, a consequence of Covid conflicts as well as greater than expected information research and preplanning. Likewise, modern current records are still awaiting standardization, and require additional efforts and funding to conclude roadway ownership records to today.

Did the applicant receive an MLIA grant in fiscal year 2019?
○ Yes
◉ No

Did the applicant receive an MLIA grant in fiscal year 2018?
○ Yes
◉ No

Part 08: Project Scope of Work, Budget Justification, and Application Authorization

_____

This section of the application must be used to attach application forms completed outside of the AmpliFund system. Required templates may be downloaded in each subsection below.

_____

Project Scope of Work and Budget Justification

Please complete the Scope of Work and Budget Justification template provided below and upload your completed document as a Microsoft Word document.

Link to template:
https://docs.msl.mt.gov/MLIAC/FY2023/MLIA_FY2023_ApplicationForms.zip

Please upload your completed Scope of Work and Budget Justification here as a Microsoft Word document.
SOW Budget Justifcation FINAL 2.15.22

_____

Detailed Budget Table

Please complete the Detailed Budget Table template provided below and upload your completed table as both an Excel spreadsheet and as a PDF document.

Link to template:
https://docs.msl.mt.gov/MLIAC/FY2023/MLIA_FY2023_ApplicationForms.zip

Please upload an Excel version of your completed Detailed Budget Table here.
MLIA_FY2023_DetailedBudgetTable FINAL 2.15.22

Please upload a PDF version of your completed Detailed Budget Table here.
MLIA_FY2023_DetailedBudgetTable FINAL 2.15.22 PDF

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Additional Information for PLSS Grants

MLIA Proposed Survey Control Point Collection Form - https://docs.msl.mt.gov/MLIAC/FY2023/PLSSForm_MLIA_FY2023.zip

Applicants proposing projects for the sole purpose of collecting new survey control data must include a completed MLIA Proposed Survey Control Point Collection form. Please indicate whether or not the proposed project is a PLSS/survey control project. If it is, please attach the required form. After selecting "yes," you will see a field appear where you can upload the form, as well as additional questions related to PLSS grants.

Is the proposed project a PLSS/survey control project?
○ Yes
◉ No

_____

Additional Documents (optional)

Please provide any additional uploads such as maps or other forms that provide information about the project.

_____

Authorization Statement

I have read the application in its entirety, and I certify that the information and all statements in the application are true, complete, and accurate to the best of my knowledge. I further certify that we are committed to funding our share of the project, including both pledged applicant cash and pledged applicant in-kind, as stated in the proposed project budget. I further certify that the proposed project, should it be approved for MLIA funding, will comply with all applicable state, local, and federal laws, regulations, and standards.

I authorize the Montana State Library to publish the contents of this application and to use the contents of this application for training, promotional, or other purposes.

Finally, I certify that I am (by my signature) authorized to enter into a binding agreement with the Montana State Library to obtain a grant if this application receives approval.

Please read the above statement and accept the following terms:
☒ Acknowledgment that I have read and accept the Terms and Conditions contained in this online application
☒ Acknowledgment that the applicant understands that the MLIA grant program is funded using State funds and does not involve any federal funding.
☒ Acknowledgment that the applicant has read the FY 2023 Montana Land Information Plan.

☒ Acknowledgment that the applicant understands that the purchasing of supplies or acquisition of contractual services may be subject to local or state procurement laws, and the applicant agrees to comply with any applicable laws, rules, and regulations governing the procurement of supplies or contractual services for their grant project.

Please type First and Last Name
Dylan Pipinich

Date Signed
2/15/2022

SCORING: SCOPE OF WORK - 100 TOTAL POINTS

Please review the attached Scope of Work document, then come back and complete the following scoring: (Reviewer Only)

Goals and Objectives (0-30 Points) (Reviewer Only)

Tasks or Activities (0-30 Points) (Reviewer Only)

Project Scheduling (0-40 Points) (Reviewer Only)

SCORING: BUDGET JUSTIFICATION & BUDGET TABLES - 100 POINTS TOTAL

Please review the Budget Section, the Detailed Budget Spreadsheet, and the attached Budget Justification Narrative, then come back and complete the following scoring: (Reviewer Only)

Budget Narrative (0-45 Points) (Reviewer Only)

Budget Tables (0-45 Points) (Reviewer Only)

Matching Funds (0-10 Points) (Reviewer Only)

Budget

Proposed Budget Summary

Expense Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Personnel			
Personnel - BSB In-kind	$0.00	$37,673.00	$37,673.00
Personnel - Temporary Staff	$42,520.00	$0.00	$42,520.00
Subtotal	**$42,520.00**	**$37,673.00**	**$80,193.00**
Total Proposed Cost	**$42,520.00**	**$37,673.00**	**$80,193.00**

Revenue Budget

	Grant Funded	Non-Grant Funded	Total Budgeted
Grant Funding			
Award Requested	$42,520.00		$42,520.00
Subtotal	**$42,520.00**		**$42,520.00**
Non-Grant Funding			
Cash Match		$0.00	$0.00
In-Kind Match		$37,673.00	$37,673.00
Subtotal		**$37,673.00**	**$37,673.00**
Total Proposed Revenue	**$42,520.00**	**$37,673.00**	**$80,193.00**

Proposed Budget Detail

See attached spreadsheet.

Proposed Budget Narrative

Personnel

Eligible Project Costs: Enter the total amount in the "Direct Cost" field (Direct Cost = Grant Funded + Cash Match + In-Kind Match). Change "Non-Grant Funded" to "Yes". Enter in your Match Dollar Amount. The "Grant Funded" is your requested MLIA funds. See the Guidelines for more information.

Personnel - Temporary Staff

Salary and benefits for Temporary Research Specialist and Temporary Transcription Specialist

Personnel - BSB In-kind

Salary/benefits for BSB in-house staff assisting with project

Performance Plan

Proposed Performance Plan

Project Deliverables

Goal Name	Goal Type	Goal Details
Digital map book of Butte-Silver Bow roadways	Milestone	Due Date 06/30/2023
Road ownership information uploaded to the E911 centerline file	Milestone	Due Date 06/30/2023
Data upload to the MSDI Transportation Theme	Milestone	Due Date 06/30/2023

Proposed Performance Narrative

Project Deliverables

Please clearly explain each deliverable resulting from the proposed project. To add a new deliverable, click on the "Add Goal" link. Each new item added is considered a "goal" in the AmpliFund system, so it is important that each deliverable is labeled carefully. In your description of each deliverable, please explain the specific project task(s) related to the deliverable and include a completion date for the deliverable. The Montana State Library must approve all deliverables prior to releasing final grant reimbursement. Therefore, the project proposal must reflect that all final deliverables be completed no less than 10 business days before June 30, 2023. The Montana State Library considers any product of the project (e.g., code, database, training materials, maps, photos, video, etc.) to be a project deliverable. All deliverables must be provided to the State Library as evidence of project completion and must be made publicly available. Please note that a detailed Scope of Work must be uploaded in the Project Scope of Work, Budget Justification, and Application Authorization section of this application.

Digital map book of Butte-Silver Bow roadways

One of the primary results of the project is a map series in multiple digital formats. With all information digitized, every record is entered into a database linked to representative features within mapping software. These data are then available to view within map interface, interactive webmapping services, as well as printable mapping programs. A "map book" is provided in any number of desired media, plotted physically, and printed, categorized, and sequenced in online story maps, or as a complete and comprehensive single interactive map. These maps are the final product of Goal 3, Objective 3.1, Tasks 3.1.1-3.1.4.

Road ownership information uploaded to the E911 centerline file

Along with the visual representation of information, the basic features themselves are also available through Goal 2, Objective 2.3, Task 2.3.2, as well as Objective 3.1, Tasks 3.1.1-3.1.4. The geolocated features representing historic records, their associated attributes, and the roads they identified are all to be available by the project's conclusion. This data will be maintained but Butte-Silver Bow and serves as the basis of all roadway records for the county both past and present. These centerline files also provide standardization of Next Generation E911 and NENA for future roadway additions as well as addressing efforts. Lastly the link between source documentation to current features provides the public as well as state partners a reference for all roadway ownership mentions specifically by the city and county, serving as an electronic catalogue of public record.

Data upload to the MSDI Transportation Theme

The final deliverable for the project is provided by Goal 3, Objective 3.1.4, and results from the broader efforts of Goal 2, Objective 2.3, Task 2.3.1-2.3.2. Similar to deliverable 2, all information resulting from this project is to be standardized, following prescriptive mandates for both data entry and information maintenance. All data is to import into the MSDI Transportation Theme for the state of Montana, and in doing so will match any requests from state partners and agencies to ensure that information created best serves the public in every capacity. Much like the previous deliverables 1 and 2, this process provides an additional value, and enhanced accessibility of information, sharing Butte-Silver Bow's records within a reliable and easily obtained state-wide information framework.

BSB Road Ownership Attribution Project – Phase 2

Scope of Work

Goal 1. Continue to Collect Road Ownership and Attribute Information from Historic Records.

Objective 1.1.	Reestablish Project Team
Task 1.1.1.	Hold a Project Refresh meeting between GIS, Land Records Division and Archives to determine the scope of information left to digitize and the sources of that information. -Completion date: 7/31/2022
Task 1.1.2.	Advertise, hire, and train temporary specialists. Provide project briefing and applicable training (new or refresher) to temporary specialists. -Completion date: 8/31/2022
Objective 1.2.	Incorporate historic records (1955 – current) into Road Ownership database.
Task 1.2.1.	Review attribute fields of existing Road Ownership Database. Staff will follow Next Generation 911 best practices for road centerline attributes; Incorporate additional road ownership attribute information into Road Ownership Database to comply with Next Generation 911 Centerline requirements; and document internal procedure for collecting road attribute information from Archival records to incorporate into geodatabases. -Completion date: 9/30/22
Task 1.2.2	Identify and Prioritize review of historic record sources. Rank historic records containing road information by order of impact and significance and prioritize review of most relevant records in appropriate sequence i.e., Council of Commissioner minutes, petitions, and communications followed by Street and Alley Committee records, etc. -Completion date: 9/30/22
Task 1.2.3.	Identify roadways, easements, basic descriptions of roadways, roadway names, metes/bounds, and or location of County roads within historic records. -Completion date: 3/31/23
Task 1.2.4	Record and catalogue attribute information in appropriate fields of Road Ownership Database, to provide a data repository and to join with existing BSB roads information in GIS. -Completion date: 3/31/23
Task 1.2.5.	Archives to provide its final Road Ownership Database to BSB Land Systems Division, for internal, interoffice inquiry. -Completion date: 3/31/23

Goal 2. Incorporate Road ownership and attribute information into BSB E911 Street Centerline geodatabase file

Objective 2.1.   Join attributes of Road Ownership Database to GIS features.
       Task 2.1.1.   Develop file architecture, databases, data dictionaries, and map documents, for data entry, GIS mapping and processing.
                                     -Completion date: 1/31/23
       Task 2.1.2.   Use existing Geographic Coordinate Database (GCDB) and Public Lands Survey System (PLSS) township and sections polygons to perform geoprocessing of BSB road segments.
                                     -Completion date: 4/30/23
       Task 2.1.3.   Identify and outline roadways matching both the road ownership database and exiting BSB roadway infrastructure found in GIS.
                                     -Completion date: 4/30/23
       Task 2.1.4.   Perform a join of road ownership information with GIS features for roadway centerlines incorporating the two data as a single information source.
                                     -Completion date: 4/30/23

Objective 2.2   Maintain and update database and GIS catalogue
       Task 2.2.1   Perform quality assurance of Road Ownership Database to identify information gaps. Staff will work with Archives personnel to review research descriptions and match roadway descriptions.
                                     -Completion date: 3/31/23
       Task 2.2.2   Perform further research to close gaps. Identified gaps will be delegated to identified BSB department (Road Division or Land Office) for review of maps, work logs, survey notes, and construction drawings, as necessary.
                                     -Completion date: 3/31/23

Objective 2.3   Create a finalized deliverable file for continued data processing
       Task 2.3.1.   Prepare BSB *E911 Street Centerline geodatabase* file for geoprocessing, incorporating Next Generation 911 best practices. Activities will include creation of a common workspace and geographic database hierarchy for the storage of project files and perform spatial overlay analysis; simplification of centerline file into a collection of associated centerline segments and spatially join each segment to its corresponding township, section, and range; and the addition of new attribute fields to the centerline file, for use in joint functions, and to record association with Road Ownership Database and records.
                                     -Completion date: 4/30/23
       Task 2.3.2   Perform spatial and tabular geoprocessing functions to join Road Ownership Database to BSB *E911 Street Centerline geodatabase* File. Records containing thorough location information, roadways will be located by matching to existing centerline features (roadway name, township, section, and range, or by other unique identifiers). Records containing locations but lacking an existing corresponding centerline file will be reconstructed using roadway descriptions (survey information, record maps, or by association of previously altered

infrastructure). Detailed research will be performed on remaining or unmatched records to determine if any associated data (archived maps, articles, documents, deeds, etc.) may determine the location of a roadway. Additional discussion will determine the best course of action with remaining records.
-Completion date: 4/30/23

Goal 3.   Make BSB Road Centerline file and attribute information commonly available to benefit the public.

   Objective 3.1.   Improved public access to BSB land records information.
         Task 3.1.1.   Develop a map book of all roadways using data driven pages based on GCDB and PLSS data as well as the location of roadway records identified throughout the project.
                        -Completion date: 6/30/23
         Task 3.1.2.   Upload E911 Street Centerline file to ArcGIS online for both data transfer and sharing between agencies, accessibility to web mapping services, as well as centralized information storage.
                        -Completion date: 6/30/23
         Task 3.1.3.   Develop publicly accessible webmap for viewing through online address, providing a website URL, or link/embedded url.
                        -Completion date: 6/30/23
         Task 3.1.4   Provide Data to Montana State Library into MSDI Transportation Theme. Updated geodatabase and any associated schema, digital databases, and available metadata will be transmitted to the Montana State Library for incorporation into the MSDI Transportation Theme.
                        -Completion date: 6/30/23
   Objective 3.2   Perform regular maintenance and updating of E911 information.
         Task 3.2.1.   Provide routine update of E911 Street Centerline file quarterly.
                        -Completion date: 6/30/23 & Ongoing
         Task 3.2.2.   Maintain system updates. Perform continued back-end support, data maintenance, or map services, as well as record of the location of map documents and features Conduct ongoing webmap maintenance.
                        -Completion date: 6/30/23 & Ongoing

BUDGET JUSTIFICATION

Total Project Costs: **$80,193**

Personnel:

Personnel expenses account for the majority of expenses associated with the BSB Road Ownership Attribution Project – Phase 2.

Personnel - MLIA Grant funded:
Temporary Research Specialist (TRS) approximately 40 hours/week for one year (2040 hours) at a rate of $12/hour

Temporary Transcription Specialist (TTS) 750 hours/year. This position will read and transcribe the oldest handwritten records if OCR software cannot read and electronically transcribe.

Fringe benefits for these employees are budgeted at 27%.

Personnel - Non-grant funded:

BSB commits approximately 1160 hours of staff time to this project: BSB Planning Director (32 hours), GIS Coordinator (260 hours), Assistant Archives Director (260 hours), and GIS Specialist (200 hours) will oversee and support project activities; Land Records Coordinator (60 hours) and Land Records Clerk (24 hours) will assist with additional land record research within the land records collection if gaps are identified and additional research is necessary; and the Public Works Road Supervisor (24 hours) will serve as a project consultant providing insight and information relevant to the vast transportation network as necessary.

Staff are paid at varying rates, based upon position, ranging between $25-$29 per hour. Benefit rates vary by position as well, but average 45% of salary.

The two paid temporary positions will be supported by one volunteer at the Butte-Silver Bow Archives (300 hours) who currently performs this research as interested. During the project's duration, volunteer time will be focused on these tasks at a value of $10/hour.

Fringe Benefits:

MLIA Grant funded: Benefits were included for the two temporary staff positions at 27% of salary.

BSB In-kind: Benefits vary between positions and are included at 45% of salary.

MLIA GRANT DETAILED BUDGET TABLE

Tasks	Category Type	Funding Source	Hours	Rate	Cost
Task 1.1.1. - Hold Project Refresh Meeting	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	34	41	$ 1,394.00
Task 1.1.2. - Advertise, hire, and train temporary specialists	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	28	42	$ 1,176.00
Task 1.2.1 - Review attribute fields	Personnel (incl. fringe benefits)	MLIA Grant Funds	279	15.24	$ 4,251.96
Task 1.2.1 - Review attribute fields	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	10		$ -
Task 1.2.2 - Identify and prioritize review of historic record sources	Personnel (incl. fringe benefits)	MLIA Grant Funds	419	15.24	$ 6,385.56
Task 1.2.2 - Identify and prioritize review of historic record sources	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	390	24.64	$ 9,609.60
Task 1.2.3 - Identify roadways, easements	Personnel (incl. fringe benefits)	MLIA Grant Funds	418	15.24	$ 6,370.32
Task 1.2.3 - Identify roadways, easements	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	91		$ -
Task 1.2.4 - Record/catalogue attribute info in Road Ownership database	Personnel (incl. fringe benefits)	MLIA Grant Funds	1674	15.24	$ 25,511.76
Task 1.2.4 - Record/catalogue attribute info in Road Ownership database	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	0	42	$ -
Task 1.2.5 - Provide database to Land Records/GIS	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	15	42	$ 630.00
Task 2.1.1 - Develop database for entry, mapping, processing	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	26	42	$ 1,092.00
Task 2.1.2 - Use GCDB and PLSS to perform geoprocessing	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	40	42	$ 1,680.00
Task 2.1.3 - ID/outline roadways found in GIS	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	26	42	$ 1,092.00
Task 2.1.4 - Perform a join of ownership and GIS data into single source	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	52	42	$ 2,184.00
Task 2.2.1 - Perform QA of Road Ownership database to identify gaps	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	210	42	$ 8,820.00
Task 2.2.2 - Perform research to close gaps	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	36	42	$ 1,512.00
Task 2.3.1 - Prepare E911 Centerline File	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	34	42	$ 1,428.00
Task 2.3.2 - Join Road Ownership database to E911 Centerline File	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	0	42	$ -
Task 3.1.1 - Develop map book	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	48	42	$ 2,016.00
Task 3.1.2 -Upload E911 Street Centerline file	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	24	42	$ 1,008.00
Task 3.1.3 - Develop publicly accessible webmap	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	24	42	$ 1,008.00
Task 3.1.4 - Provide Data to Montana State Library	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	24	42	$ 1,008.00
Task 3.2.1 - Provide routine update of E911 quarterly	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	24	42	$ 1,008.00
Task 3.2.2 - Maintain system updates, continue support, maintain webmap	Personnel (incl. fringe benefits)	Butte-Silver Bow In-Kind	24	42	$ 1,008.00
Totals:			3950		$ 80,193.20

THE CITY-COUNTY OF
Butte-Silver Bow

Department of Finance and Budget
Danette Gleason, Director
Ph: 406-497-6323   E-Mail: dgleason@bsb.mt.gov

February 15, 2022

MLIA Grant Application
C/o Ms. Erin Fashoway
MT State GIS Coordinator
Montana State Library
1515 E. Sixth Avenue
Helena, MT 59620-1800

RE: Montana Land Information Act Grant Application Fiscal Year 2023

Dear Ms. Fashoway,

The City and County of Butte-Silver Bow respectively requests $42,520 from the Montana State Library Montana Land Information Act (MLIA) grant program to support the Butte-Silver Bow Road Ownership Attribution Project – Phase 2.

Butte-Silver Bow Land Systems and Butte-Silver Bow Archives propose a continuation of a cooperative effort to improve land ownership records in Silver Bow County and contribute to the State Library's effort to develop GIS information to support Next Generation 9-1-1 – development of road centerline data that are NENA standard compliant and meet requirements for integration into the MSDi Transportation theme. Grant funds will be used to hire two temporary specialists to perform research and transcription of historical documents from 1955 through current, enter records into an existing database, and support geoprocessing and integration into county GIS records.

On February 2, 2022, the Butte-Silver Bow Council of Commissioners authorized Chief Executive J.P. Gallagher to apply for MLIA funds and commit BSB staff time and indirect costs as match to MLIA grant activities. The total project cost is $80,193 and consists of $42,520 in MLIA funds and Butte-Silver Bow's commitment of $37,673 of in-kind staff time (salaries and benefits).

We are pleased to submit this application for your review and consideration. We look forward to the opportunity to work with the Montana Land Information Advisory Council and Montana State Library on this worthwhile project.

Sincerely,

Danette Gleason, Director
Finance and Budget

The City-County of Butte-Silver Bow

INVOICE

City-County of Butte-Silver Bow
155 W. Granite Street
Butte, MT 59701
406-497-6325

DATE: March 1, 2022

Bill To:

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
			$ -
		TOTAL	$ -

THANK YOU !