

Memorandum

REPORT TO: City Commission

FROM: Gail Jorgenson, GIS Program Manager
Jon Henderson, Assistant City Manager

SUBJECT: Authorize the City Manager to Sign a Contract With United States Geological Survey (USGS) as a Proposed Funding Partner for FY26 3D Hydrography Program Data Collaboration Announcement Project Proposal

MEETING DATE: October 7, 2025

AGENDA ITEM TYPE: Agreement - Vendor/Contract

RECOMMENDATION: Authorize the City Manager to Sign a Contract With United States Geological Survey (USGS) as a Proposed Funding Partner for FY26 3D Hydrography Program Data Collaboration Announcement Project Proposal

STRATEGIC PLAN: 1.1 Outreach: Continue to strengthen and innovate in how we deliver information to the community and our partners.

BACKGROUND: The City relies heavily on accurate and comprehensive hydrography data for a variety of essential functions, including urban planning, emergency response, environmental management, and infrastructure development. Currently, stakeholders across the region utilize numerous disparate hydrography datasets. However, none of these datasets serves as a single authoritative source leading to inconsistencies and challenges in local and regional coordination.

The USGS 3D Hydrography Program (3DHP) is an initiative by the United States Geological Society (USGS) that is remapping waters of the United States and addresses these issues by providing a standardized, high-resolution, and authoritative hydrography dataset that can be used by stakeholders across the region. 3DHP enables improved decision-making and collaboration among all stakeholders. Such a unified dataset enhances the accuracy of flood modeling, water resource management, and emergency preparedness efforts, thereby benefiting the entire community.

The City of Bozeman along with other stakeholders has been asked to participate in mapping portions of the Lower Gallatin Watershed with the intent to complete mapping for the entire Gallatin River Subbasin. The value of the 3DHP Program is underscored by the financial commitment of key stakeholders in the region. Funding contributors include Gallatin County (\$10,000) and Gallatin County 911/GIS (\$15,000), Gallatin Conservation District (\$10,000), Montana State Library (\$10,000), USFS (\$15,132.88) and

the City of Bozeman (\$40,000).

Participation in the 3DHP grant program, in collaboration with regional partners, enhances the entire community by providing access to an authoritative dataset that fosters improved resilience within the region through coordinated data sharing.

UNRESOLVED ISSUES: None.

ALTERNATIVES: As suggested by the City Commission.

FISCAL EFFECTS: The total project cost to the City will be \$40,000. Adequate funding exists for this project with \$40,000 currently allocated within the FY26 Strategic Services budget for the purchase of contracted services.

Attachments:

[FY26 DCA 3DHP-D -Validation of Proposed Funding Partners_MT_LowerGallatin.pdf](#)

Report compiled on: September 8, 2025