



**CITY COUNCIL
WORK SESSION AGENDA
August 9, 2021, at 7:00 p.m.**

City Hall Council Chambers, 201 First Avenue East

The public can participate in person in the council chambers or via videoconferencing. Register to join the video conference at:

https://us02web.zoom.us/webinar/register/WN_ALjGAFofQqaXvuL4P2kXFg

Public comment can also be provided via email to publiccomment@kalispell.com.

A. CALL TO ORDER

B. DISCUSSION ITEMS

1. City Uses and Benefits of Geographic information Systems and the Drone Program

C. PUBLIC COMMENT

Persons wishing to address the council are asked to do so at this time. Public comment can be provided in person, verbally during the online meeting, or via email to publiccomment@kalispell.com

D. CITY MANAGER, COUNCIL, AND MAYOR REPORTS

E. ADJOURNMENT

UPCOMING SCHEDULE / FOR YOUR INFORMATION

Next Regular Meeting – August 16, 2021, at 7:00 p.m. – Council Chambers

Next Work Session – August 23, 2021, at 7:00 p.m. – Council Chambers

Watch City Council sessions live on Charter Cable Channel 190 or online at the [Meetings on Demand](#) tab at www.kalispell.com.



City of Kalispell IT Department

(406) 758-7751

P.O. Box 1997 Kalispell, Montana, 59903

www.kalispell.com

REPORT TO: Doug Russell, City Manager
FROM: Angie Thomas & Jason Singleton, GIS Specialists
SUBJECT: City Uses and Benefits of GIS and the Drone Program
MEETING DATE: August 9, 2021

BACKGROUND: Geographic Information Systems (GIS) is a system that enables the City to create, manage, analyze and map data that supports all departments within the City of Kalispell. Over the past several years, the City's GIS team has continually increased GIS integration with existing City systems, enabling more efficient workflows and increasing public data access. Most recently, a public [GIS Hub](#), located on the City's website, was launched and provides public access to all the City's GIS products in one place.

As part of the work session presentation, City GIS Specialists will demonstrate GIS benefits for internal staff operations and the public. Angie Thomas, GIS Specialist, will present a summary on GIS applications and management related to the Public Works Department. The overview summary includes topics on:

- Utilization and integration of the GIS data with the city's asset management programs for water, sewer, stormwater, TSS, streets, and solid waste.
- Public Infrastructure Viewer with a live connection to infrastructure data and record drawings.
- GIS Hub providing public access to mapping resources related to city services including leaf collection, snow removal, permitting, etc.

Jason Singleton, GIS Specialist, will discuss GIS applications for the Planning Department, Parks and Recreation, Community Development, and the Police Department. Additionally, Jason will review the City's drone program, how the program operates, and the City's compliance assurance under the current FAA rules and regulations. Since 2017, the City of Kalispell has used drone technology for basemap imagery collection, volume calculations, 3D modeling and video footage for capturing various City of Kalispell projects.