

## **Huddle Notes** **February 25, 2020**

**In today's Huddle, Michael Allen with GIS (Geographic Information Systems) presented how and what the GIS department does along with what they see in the future.**

Primarily GIS assists the Assessor's office by providing mapping and other details structural details.

GIS Office maintains over 200 data sets and uses this information for construction and other needs.

Here are a few examples of the large amount of data they track:

- Flood areas
- Sink hole areas
- Parcel layouts

Annexation: the expansion of city services coverage and what this means.

- Change to street data, addresses, 911 jurisdictional data, zoning and fire districts and much more.

Aerial Flight Imagery

- Every 2 years we get new images taken of our area.
- The overall views can identify new structures, geographic changes or details about changes on structures with only a 100 square foot in change.

Flight Details

- There are 27 flight types including InfraRed which is flown by the USDA.
- We share both the information and the expense of these flights with multiple agencies, including City of Springfield and Christian County.

Current Events

- Converting paper files to digital
- 2021 BAS evaluates legislative boundaries and any need to redraw
- 2020 Census requires all mapping data to be proofed

What the Future Holds

- Technology plays a large role in our future functions and capabilities. Many software programs are transitioning from a desktop basis to a server/cloud base.
- Changes in legislation, representation and funding also means changes in the way we perform our tasks.
- Remote access will be a large future transition on the horizon, as drones become more utilized, the need to physically evaluate areas will diminish.