

Transfer GIS Services from Surveyor's Office services to MSD

180-day notice to modify the Interlocal Agreement

1. Existing services provided by the Surveyor's Office to MSD

- a. Mapping and GIS services (\$45/hour):
 - i. Emergency response mapping support (road network; centerline for MSD jurisdictions)
 - ii. Aerial imagery consultation
 - iii. Exhibit presentation
 - iv. Custom mapping
 - v. GIS consultation services
 - vi. FCOZ mapping
 - vii. GIS data creation

2. What are the functions of the Surveyor's office to be transferred to MSD?

- i. Centerline (Emergency response mapping support):
 - a. Road Identifiers (road name, route number, prefix)
 - b. Roadway Characteristics (speed limit, number of lanes)
 - c. Roadway Classifications (owner, maintainer, functional class)
 - d. Address Information (ranges, postal code)
 - e. Traffic (traffic counts, volumes, rates)
 - f. Pavement (type, quality, maintenance records)
 - g. Safety (crash severity, pedestrian incidents)
 - h. Assets (line striping, signage, lighting)
 - i. Routing (turn restrictions, travel directions)
 - j. Class B and C roads classification
- ii. Aerial imagery consultation
- iii. Exhibit presentation
- iv. Custom mapping
- v. GIS consultation services
- vi. FCOZ mapping
- vii. GIS data creation

3. How MSD will benefit from taking over the GIS and Centerline functions provided by Surveyor's office?

- a. GIS-based solution to maintain street information:
 - i. Improved collaboration with VECC and other municipalities within Salt Lake Valley
 - ii. New or updated street names and lat/long coordinates for recorded documentation are currently entered from recorded plats; this process is to be streamlined as part of Land Use application process and entered to GIS at simultaneously with addresses
- b. Future Business Opportunities/Revenue stream with other agencies:
 - i. Open collaboration between MSD and incorporated cities on data discrepancy and street names continuity
 1. The MSD can provide support to cities that have minimal or non-existent GIS staff (e.g. Midvale, Holladay, Millcreek, etc.)

Transfer GIS Services from Surveyor's Office services to MSD

180-day notice to modify the Interlocal Agreement

- ii. Open communication with VECC on centerline data to ensure dispatching to correct address/street network
- c. Control and access to the data:
 - i. Currently MSD has a read-only access to centerline data and it's critical for the MSD to maintain authoritative ownership of road centerline data.
 - ii. Currently MSD is not involved in decision making regarding its centerline data.
 - iii. Currently MSD needs to request updates to existing roads networks, e.g. update jurisdiction from unincorporated Salt Lake County to Town of Brighton.
 - iv. New streets to be added at the same time as new address points.
 - v. To ensure the correct distribution of Class B and C road funds, the MSD as the local authority needs to document and submit the eligible Class B or Class C centerline mileage to UDOT used for funding credit.
- 4. What is MSD's capacity?**
 - a. It is within MSD GIS team capacity to build the system and have it operational by the end of 6-month period. MSD is creating a solution based on ESRI existing technology to streamline the process for applicants and planners.
 - b. The MSD GIS/IT staff can effectively create a sustainable, current, and multi-use centerline dataset and contribute to collaborative partnerships between entities who jointly own, operate or maintain the public roadway system.