DRAFT

SALT LAKE COUNTY
GIS STEERING COMMITTEE
MEETING MINUTES (UNAPPROVED*)

Thursday, July 20. 2023
10:00 am / N2-800 and WebEx

Committee Members / Voting Designee:
Megan Hillyard, Administrative Services *(Vice Chair and Voting Member)*
Richard Jaussi, Auditor *(Voting Proxy)*
Kade Moncur, Public Works (*Voting Proxy)*
Will Kocher, Recorder *(Voting Proxy)*
Matthew Dumont, Sheriff (*Voting Proxy)*
Brad Park, Surveyor *(Voting Proxy)*
Phil Conder, Treasurer *(Voting Proxy)*

Non-Voting Member:
Dave Delquadro, County Council *(Non-Voting Member)*

Absent / Excused:
Reid Demman, Surveyor *(Chair and Voting Member)*
Chris Stavros, Assessor (*Voting Member)*
Chris Harding, Auditor *(Voting Member)*
Lannie Chapman, Clerk *(Voting Member)*
Robin Chalhoub, Community Services (*Voting Member)*
Erin Litvack, Deputy Mayor of County Services *(Voting Member)*
Sim Gill, District Attorney (*Voting Member)*
Karen Crompton, Human Services (*Voting Member)*
Scott Baird, Public Works (*Voting Member)*
Rashelle Hobbs, Recorder *(Voting Member)*
Rosie Rivera, Sheriff (*Voting Member)*

Other Participants*:
Erik Neemann, Surveyor
Zachary Posner, Information Technology
Tony Jolley, Information Technology
Trevor Hebditch, Information Technology
Mark Miller, Information Technology
Mark Evans, Information Technology
Andrew Dudley, Information Technology
Jon Thelen, Information Technology
Brandon Allgier, Information Technology
Brendan Duffy, Information Technology
Theodora Arnold, Information Technology
Emily LaMunyon, Information Technology
Javaid Lal, Administrative Services
Teresa Curtis, Addressing
Tyler Bain, Addressing
Tori Rasmussen, Addressing
Steve Arnold, Public Works Operations
Clinton Benson, Real Estate
Robyn Haywood, Recorder
Wiley Bogren, Recorder
Shykell Ledford, Recorder
Ryan Lambert, District Attorney
Jared Smith, District Attorney
Maren Slaugh, Records and Archives
Katie Romig, Regional Transportation
Steve Van Maren, Resident

* This Unapproved draft is the first attempt at the minutes and is posted to meet Open Meetings Act requirements. The final version voted on will most likely evolve and be different from that posted here.

Items Discussed:

- **Welcome and Approval of March 16, Minutes.** Megan Hillyard, GIS Steering Committee Vice Chair, welcomed all existing Committee members and others present to the meeting, and called the meeting to order at approximately 10:01 am. The minutes of the March 16, 2023 meeting were placed up for approval motion.

***Motion**: A motion was made by Richard Jaussi and seconded by Phil Conder to approve the March 16, 2023 meeting minutes. The minutes were unanimously approved as submitted by voting members or their proxies present as follows:*

Megan Hillyard	*Aye*
Richard Jaussi	*Aye*
Kade Moncur	*Aye*
Will Kocher	*Aye*
Matthew Dumont	*Aye*
Brad Park	*Aye*
Phil Conder	*Aye*

- **Citizen Public Input:** Megan Hillyard asked if there were any comments from citizens. There were none.

- **GIS STWG Updates:** Emily LaMunyon

  - ***Introducing Erik Neemann, New Leadership Replacing Emily LaMunyon:*** Emily LaMunyon from Information Technology introduced Erik Neemann, who is her replacement as Division Information-GIS Manager in the Surveyor's Office. Erik Neemann from the Surveyor's Office provided a little bit of background on his career before coming to the County. A big welcome to Erik. We are excited to have him here!

- **2024 Esri License Fee Increases:** Mark Miller from Information Technology informed the Committee that the County is anticipating an Esri licensing fee increase of $40,265.35 next year for just the maintenance of current licenses. This is about a 19% increase from the last budget period. This item will be brought up in the August Combined Technology Advisory Board (TAB) and GIS Steering Committee meetings for possible action. Phil Conder asked what would happen if we did not get this budget increase. Mark Miller from Information Technology answered we would have to drop some licenses, which would cause a lot of pain. We lost our grandfathered pricing with Esri recently. Zachary Posner from Information Technology noted that we are going with what the customers are asking for after Mark surveyed agencies about their wants and needs. Mark Miller from Information Technology noted that Brandon Allgier has repeatedly reached out to Esri for a quote and is still waiting on that.

- **GIS Cost Analysis:** Mark Miller from Information Technology presented a comparable license analysis from other counties who are currently using similar Esri products. Based on that analysis, it appears the County at this point is getting a fair price. Dave Delquadro asked if we are able to leverage what we have done in the past regarding cost planning for the future. He asked if we are looking at a 19% increase each year for the foreseeable future, or if can lock in a fixed price. Mark Miller from Information Technology answered Esri will not give us a fixed rate as they are increasing their fees over a three-year span. It appears the vendor thinks we need them more than they need us. He is

speculating there will be another 19% increase from 2024 to 2025 just to maintain the license level we currently have. Esri previously proposed an Enterprise model and they have reduced their pricing substantially from their initial proposal. Until we get a final quote from Esri, he is hesitant to tell us how he thinks this will all pan out.

Zachary Posner from Information Technology recommended that Mark Miller and Brandon Allgier share the information they produced on the available options with Dave Delquadro and anyone else interested. He noted the County purchased several licenses for Esri's online product several years ago thinking that was the way to go, and that transition was less robust than anticipated. It was suggested that perhaps the online licenses could be reduced in favor of the other necessary licenses. Zachary Posner from Information Technology stated perhaps the County *should* be paying for the unique way we use the licenses. Mark Miller from Information Technology stated he would love to run these in tandem with different options as it is moved toward the TAB budget process. He asked if that would be too muddled.

It was noted that the next GIS STWG meeting is in approximately two weeks and some options could be available to be reviewed at that meeting. Mark Miller from Information Technology promised to have that information available.

- **Policy Map:** Mark Miller from Information Technology presented on this topic. He noted a project that Aging Services is involved with using this tool to address their specific data analytical needs. They chose to use Policy Map for their analysis. It is a GIS-like tool that performs specific human-based analysis. The cost is around $6,000 per year for 10 years. He believes this is a viable option to Esri. Survey 123 is a fantastic tool, but it requires a GIS license that gets more expensive every year. We could try this out for a year and see if it meets some of our needs. Brad Park remarked this product is a dataset that is kept up to date and pulled from many different sources and is very usable. It can be used with Esri, but it is not a substitute. Phil Conder asked if it could be used if his agency had an applicable project. He asked if it is like a plug-in to Esri. Erik Neemann from the Surveyor's Office sees it as a very specific tool for analysis outputs and tailored to meeting the needs of the agency users. It is similar to an Esri business license. Dave Delquadro asked what the process was to use this vendor and tool. Aging and Adult Services reached out to Mark and to follow County policy, they have reached out to three vendors for competitive bids. This is a good product for the price point, he feels

  Action Item: Will Kocher made a motion and Phil Conder seconded the motion to move this item forward to the Technology Advisory Board (TAB) for further discussion. The motion carried unanimously by voting members or their proxies present as follows:

Megan Hillyard	*Aye*
Richard Jaussi	*Aye*

Kade Moncur	*Aye*
Will Kocher	*Aye*
Matthew Dumont	*Aye*
Brad Park	*Aye*
Phil Conder	*Aye*

- **Data Governance Update:** Javaid Lal from Administrative Services provided an update on projects the Data Governance team is working on.

  The first update he provided is on the Internal Data Sharing Agreement. It is being re-drafted by the District Attorney's office. Phil Conder feels the efforts happening on this are timely. Javaid Lal from Administrative Services noted they will provide another update on this in the future.

  The second update he mentioned is a project they are working on in developing guidance for AI Best Practices. Megan Hillyard feels this is timely for everything happening in the world right now. She asked if people in the County are talking about this. Richard Jaussi noted their office is using ChatGPT for some of their reports. They do not enter any personal and private information in their system. Zachary Posner from Information Technology stated that some uses are good for ChatGPT, including the one noted by the Auditor. The team was thanked for their work in this effort to date.

  The last update was an Overview of the Smart Government Fund. He noted the first three ideas selected are currently in the process of moving forward. He displayed those three projects on screen, and briefly described what is happening to date. The three projects are:

  1. Use of AI for Equity in Tax Valuation and Accurate Market Value
     (Funding Amount $77,000)
  2. Linking County Assets to Facilities Work Orders
     (Funding Amount $59,893)
  3. Robo-trap for Community Cats
     (Funding Amount $50,000)

- **GIS Spotlight: State Cooling Tower Project:** Erik Neemann from the Surveyor's Office displayed some slides that he presented in May when he worked for the State. The presentation topic was Generating Useful Data with Computer Vision Tools. He covered one of the projects in that presentation regarding the Department of Health and Human Services (DHHS) Cooling Towers and the related concerns with breakouts of Legionnaire's Disease from those cooling towers. The problem is solvable using computer vision tools and a specific process using the following steps:

  1. Build index and footprint
  2. Download images
  3. Detect and locate towers

4. Post-process results
5. Build web map

In summary from Erik's presentation, a lot of useful data and information can be locked away in imagery or documents. Computer vision tools can help unlock that data. Cloud computing can reduce processing time by orders of magnitude. This DHHS project highlighted those possibilities.

- **Other Business and Updates.**
  a. None

- **Next Scheduled Meeting Date**(s)**.** Unless notified otherwise, the next GIS Steering Committee meeting is scheduled for September 21, 2023 at 10:00 am in Suite N2-800 and via WebEx.

  Please note there will be two combined Technology Advisory Board (TAB) and GIS Steering Committee meetings in August where related 2024 budget items will be discussed. Those dates are Thursday, August 10, 2023 and Wednesday, August 16, 2023, both meeting times from 9:00 am to 10:30 am. Voting members of the GIS Steering Committee have been invited. More information will be forthcoming.

- **Adjournment**. The meeting was adjourned at approximately 11:01 am.