

# CLARK COUNTY GIS DATA COMMITTEE

Clark County Government Center  
500 South Grand Central Pkwy.  
4<sup>th</sup> Floor, Gold Room 4047  
Las Vegas, NV 89155  
Thursday, August 20, 2015  
9:30 am – 11:00 am

## MINUTES

MEMBERS PRESENT: Dustin Nelson (CoH), John Ritsko (RTCSNV), Robert Vega (GISMO), and Ryan Krammerer (CoM)

### 1. Call to Order

- a. Conformance with Nevada Open Meeting Law: The meeting was called to order at approximately 9:35 am. There are three (3) voting members present, so we do not have a quorum today.
- b. Introduction of Data Committee Members and Guests: Everyone introduced themselves.

### 2. Administrative Action

- a. Approval of Agenda: A motion was made and seconded to approve the agenda. Motion carried.
- b. Approval of Previous Meeting Minutes: A motion was made and seconded to approve the minutes of the previous meeting. Motion carried.

### 3. Sub-Committee Reports

#### a. Mapping Services, Tommie Weckesser, City of Henderson IT

They did not meet today but are scheduled to meet next month. No update at this time. The next meeting is scheduled for Sept. 17, 2015 at 8:30 a.m. in the Sandstone Room.

#### b. Master Address Database, Brian Bolduc, Clark County GISMO

Brian said Jaime put together a database per BLITZ implementation. We need to get together with other entities, hopefully, within the next month. Customers are requesting data and the Las Vegas Fire Department wants to change the way they route trucks. Robert said they'd re-investigate local government address data model, Robert saw a session of this at the Esri conference. They have a crowd sourcing web app and all of the other entities can help us keep Master Track Address data base up-to-date. Brian brought up an address data. If you're interested in Mass Address Database contact Brian and a meeting will be scheduled.

#### c. Secure Data, Russ Coffey, Las Vegas Valley Water District

Robert reported Russ Coffey was out and the committee will be renamed to 'Electronic Data Sharing Committee' from 'Secure Data'. We're going to be looking at electronic data sharing.

#### **4. 2015 Aerial Photography Update, Craig Hale, SNWA**

Craig reported photos were taken last Friday. He sent copies out to the Imagery Committee members. If anyone would like a copy, please contact Robert. He has both natural and color copies. Overall, the quality is good and the color is what it is. This time of year, there are a lot of shadows and this tends to make it super dark. They tried to lighten these areas. He recommends adjusting contrast settings before loading these up. You can adjust your server or caches to make these adjustments. They tried to get vertical shots of the tall buildings along the strip. The contractor tried to get buildings as vertical as possible. However, Bally's was the only one where it is noticeable because it leans into Flamingo. There were a few more buildings downtown where they lean into the street as well. This will be rectified in the next contract. March 7-26 was the acquisition date when it was flown.

Robert says, if viewing aerial photography in Arc Map, there are certain settings that will make it easier to view. You can get four different shades and, when you bring in a photo, you need to uncheck the gamma and switch the stretch to none. This will give you what the Water Authority approved and signed off on. If you keep it on, there will be stripes throughout the entire flight. Robert said we're not done yet with the cache. Brian is working on that and the target date to have this done is Tuesday after Labor Day (Sept. 8, 2015). He said the ArcGIS server will be updated. He also stated that this time they'll be using Mosaic data set on a file base structure. If you connect to 'GISMO's SDE' for aerials, they're not going to be available because there's not enough disk space to accommodate the raw data. When added to SDE, you have to multiply that by 1.75 or 1.8, and Robert related he didn't have enough disk space to accommodate all of that on his SDE server. By trying out this new process, they are using the image server extension. It allows people to share out Mosaic data set they are trying out and create the cache from that. If you're using the SDE images, you'll just have to use our Mosaic data set and this will be passed out internally or to those who have access to the IGT network. Robert stated ECW is not a high priority and this will be done when Brian has the caches done on the ArcGIS server. The ECW will be available shortly thereafter. Craig said SID files will be ready by the end of the month so if anyone needs one, please let him know. Robert said Craig will have the SID's broken up by book by the end of the month.

#### **5. Assessor's Land Use Code Changes, Erik Martinet, Clark County Assessor's Office**

Robert reported there is now a State mandate which stipulates all county assessors must start using the 2015-2016 Nevada State Land Codes. We'll have a unified land use code throughout the entire state. Robert said the 2015-2016 Land Use Code Manual was available for attendees. He said the Assessor's Office will do the mapping. Erik said don't worry about old field going away as you know it. We have to change our algorithms and take some of our other data and convert it, as they are a little more detailed. The timeframe for this to be done is October 2015. Robert said the schema is going to change for the AO tables. Wherever there is a land use code within the AO tables, the schema is going to change and we cannot give too much notice on that. Robert said, as soon as the Assessor's Office gets their schema up, he'll have Brian send that out to the group. It'll also be on the FTP site. The group needs to decide if they'll import the new column or if Robert will leave it off when he does his new conversions to the file which are available on the FTP website. He cannot provide both as the tables are huge, so you have to decide which one you want.

#### **6. Assessor's Office Data Table Changes, Robert Vega, Clark County GISMO**

Robert reported everything is changing and we're going to get rid of the underscore new (\*\_new) tables. We're going to start internally on our system on making that move so that all of the AO tables on GISMO's SDE and also it is going to be an exact mirror of the \_new tables. He said they'll do this

for the next couple of months and then get rid of the \_new tables by December. They will start by end of next week to have everything mirrored on the internal SDE, so you should start seeing those table changes in the two file geodatabases we put it in there for the Assessor's table geodatabase. So, \_new will be there but not for long, as we want to get rid of the \_new tables and go back to the old names. We'll add the new land use codes so you can get used to seeing that and you can import blank columns. Starting August 31, Robert said that all of the AO tables will match the \_new tables with the addition of the new land use codes, but we will go back to having a single table in the geodatabase file system.

## **7. 2015 Esri User Conference Highlights and Discussion, Robert Vega, Clark County GISMO**

Robert asked how many of today's attendees attended the 2015 Esri Conference and invited them to share what track(s) they attended. He asked Bill Nelson (HPD) to give a report. Bill said he attended the Emergency Management track. Rachael Rodriguez (CCWRD) said she attended performance and maintenance specialties. She also attended some of the server security systems workshops. She said on a side note that she did get her organization (Water Reclamation) to do the Esri Advantage Program. They're going to have the extra Esri technical support so, if you have any questions you want to ask Esri but don't feel like putting in a report ticket, please let them know and they'll have their contact tackle the real issues that affect all of us.

Robert said he attended several portal classes. David Titus (GISMO) said he attended 4.0 JavaScript Library and there was a lot of 3D information. He related how Esri has created some new apps. There was a discussion about an increase in the use of drone technology. Robert said Esri has some tools so you can start using drones for aerial photography. He gave an example of how they flew over a house and also do 'point clouds', which is like a 3D image. With their software, he said you can get a flight-line for your drone. These will enable people to do acquisitions in real time.

Robert said all of the videos shown throughout the conference are now available online. You can access the videos on Esri's conference web site: [www.esri.com/events/user-conference](http://www.esri.com/events/user-conference).

Robert attended several different workshops. He will contact Esri to see if they can do data sharing through a portal. This would enable different agencies to work together. He also attended the addressing session. This involved a cloud sourcing application called 'Address Cloud Source'. This allows the public to put in an address point, then to go through a 'Q and A' process. Robert said, if they use this sourcing, they can get data from several different agencies (City of Henderson, City of North Las Vegas, etc.) at the same time which will allow them to keep the master address system up-to-date. Robert said the Master Address Sub-Committee will be discussing this. They will revisit this and try to figure out how to get it to work with their system. He attended some ArcGIS Pro sessions and, if you use the ArcGIS Pro, you can send an error message report and they will get back to you quickly. Discussion centered on pros and cons of the 32-bit and 64-bit ArcGIS and the different versions associated with these. He said Esri is also improving their StoryMap applications. Some of the tools can be used to create presentations. Discussion followed on experiences with StoryMap. More experiences were shared by various attendees who attended the Esri conference.

## 8. Comments by the General Public

### ➤ **Craig Hale, LVVWD/SNWA**

Craig indicated that the RFP panel met over a period of 4-6 weeks to listen to presentations and select a vendor, who will be doing the next Imagery and LiDAR project. They selected a company called Geophex for aeriels. In 2016, they will do the imagery project. He said Merrick will be doing the LiDAR project. He found out last Friday that the Regional Flood Control agency will be contributing monies to do Quality Level 1 LiDAR data acquisition for the urban core of Las Vegas. They'll do 600 square miles and have the option of doing contours. They'll move forward on acquisition pending board approval and hope to have a quick turnaround in September 2015. The imagery will be six (6) inches with an option to do three (3) inches in parts of the valley. This is a year-to-year contract. The County is looking at NearMap as a possible image service provider.

Robert reported the County is going to work with the Assessor's Office and get a one-year subscription to NearMap and connect it with OpenDoor (OD) and check data usage. They are going to fly over Vegas three times a year and give 2.8" photography and it will be hosted. As soon as this subscription is up, we'll lose access to it. Some of the companies out there are producing quick turnaround times which are a lot faster than our 4-month turnaround. Some companies are doing it in seven (7) days. He said he talked to the NearMap representatives at the Esri conference. They are limited to eight (8) gigabytes a month of data output from their services. This is going to be OD only. He might restrict it to a couple of groups if it begins to bump up to the eight (8) gig level. It will depend on if the Assessor's office wants it. NearMap has its own server and web app which was easy to use and can tell you to the millisecond when the image was taken.

### ➤ **Jorge Morteo, CLV**

Jorge indicated that Gerry Wong from the Census Bureau in California is coming out here and looking for people to attend their workshop. He's going to show the latest data JPEG and they also have software to make maps using all of this data. The workshop will be held on Wednesday, August 26, 2015 from 9 to 4 at the City of Las Vegas, 333 Rancho Dr. location. They have a computer lab onsite. Robert said two people from the County may attend.

### ➤ **Sonya Wilson, CCDOA**

Sonya indicated that the Nevada Geographic Information Society (NGIS) Conference will be held October 12-14, 2015 in Lake Tahoe. If you know of any vendors who'd like to attend, please let them know. There is also a golf tournament. Robert said because of this conference and the number of committee members attending, the October 15, 2015 GIS Data Committee and the associated subcommittee meetings will be cancelled.

### ➤ **Benjamin Grove, Code for Vegas Volunteer**

Benjamin said he wanted to attend the committee meeting because Code for America-Las Vegas is interested in making data available for everyone. He works to try to get data out to everyone. Robert said City of Las Vegas has an open portal. If you're looking for data, there are REST end-points out there. Robert recommended they get together after the meeting.

**9. Set agenda for next meeting scheduled on September 17, 2015**

The next meeting is scheduled for September 17, 2015, 9:30-11:00 a.m., Clark County Government Center, 500 South Grand Central Pkwy., 4<sup>th</sup> Floor, Gold Room 4047, Las Vegas, NV 89155.

**8. Adjournment**

The meeting was adjourned at approximately 10:50 a.m.