

CLARK COUNTY GIS DATA COMMITTEE

Clark County Government Center
500 South Grand Central Pkwy.
4th Floor, Gold Room 4047
Las Vegas, NV 89155
Thursday, Oct. 20, 2016
9:30 am – 11:00 am

MINUTES

MEMBERS PRESENT: Jeffrey Ferdinand (LVVWD), Ryan Kammerer (Mesquite), Jason Hall (CCWRD), Brian Bolduc (Clark County GISMO), Wayne Lindsay (CNLV), Tommie Weckesser (CofH), Hetal Luhar (SNHD), Dustin Nelson (CofH/Alternate), John Ritsko (RTCSNV/Alternate), and Robert Vega (Clark County IT).

1. Call to Order

- a. Conformance with Nevada Open Meeting Law: The meeting was called to order at approximately 9:30 am. There are ten (10) voting members present, so there was 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

Tommie gave a brief update of how Esri is working with the City of Henderson.

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

Brian reported they are still working internally on getting addresses and how Jaime is working on the point layer, while Brian and Alex are working on the applications. The applications should be completed by the deadline of Jan. 1, 2017.

4. NearMap Demonstration, Brian Bolduc, Clark County GISMO

Brian reported the County has been working with NearMap for the past two years, and that when the Assessor's Office wanted more imagery – NearMap was brought in and they are on the OpenDoor application. The Assessor's office uses it to perform appraisals. Brian reported NearMap has new equipment for their planes and they are here today to give a demonstration of what they can provide to subscribers. Brian introduced the NearMap team who gave a power point presentation of their product.

They began by giving an overview of NearMap. They reported they produce imagery several times a year by doing multiple flights throughout the year. They are concerned about resolution; that it is very clear and the timeline is clear as well. They do aerial imagery across the U.S. They have proprietary equipment which they have put in the planes in order to get that level of resolution; their goal is to provide the best imagery that is available. It is also a 100 percent 'cloud-based' product. Because of this they can have the imagery to subscribers in just days after capture instead of months. Their product also integrates with GIS and CAD. They also have a partnership with Esri and have integration with Esri.

They also introduced a new capture technology; one which has the ability to view oblique data and they are also working with Source Images, which helps to give height measurements and which continues to work in the Esri platform. It was explained how important it is to have oblique measurements and the ability to develop 3-D surface data. They gave a report about point cloud and the advantages of that program. Surface models are valuable for sight planes. Because of their technology, they can fly around airport restrictions (ex: military air bases). They explained their technology is also similar to Lidar. Because of their cloud technology they are able to scale imagery quickly. They use a two-camera design system which utilizes beams and mirrors, and creates a more 'closer to true' frames with more images. All of their data is pushed on to Amazon web services. They can turn on more computer systems utilizing this resource. They are also collecting 45-degree obliques which gives a great face view of facades.

Committee members saw examples of this new technology and the imagery it produces, and what structures look like by using this new technology. Examples included oblique technology, and the ability to go in and do measurements. It was also explained how Esri's technologies immerse with NearMap. NearMap also has overlapping flight lines which makes it available to do triangulation. They expect to get a 10-inch point cloud because of this. This also gives a more detailed rendition of the image. Discussion followed the demonstration.

5. 2016 Aerial Photography/Lidar Update, Craig Hale, SNWA

Craig reported they should have Mesquite in by next week. An email will go out in approximately two weeks to announce the kick-off. They have the classified QLA1 and QLA2 for Lidar. The classified was smaller than the one point five terabyte. Brian reported the next current mosaic will be up by next Thursday (10/27/16).

6. Assessor's Land Use Code Changes, Erik Martinet, Clark County Assessor's Office

Erik reported the appraisers are using it, but they are still updating it. Brian asked if there is a timeframe when the old one goes down and the new one goes up and Erik responded they don't need to get rid of it because it is already incorporated into the new code. The new code is more detailed.

7. Comments by the General Public

In addition to Comments by the General Public, Brian asked attendees to go around the table and give reports.

➤ **Tommie Weckesser, City of Henderson**

Brought flyers for people about an Esri event they are sponsoring and gave an update on what the City of Henderson is doing in providing data to citizens.

➤ **Tony Azua, Clark County Comprehensive Planning**

GILLIS Data will be available in January 2017.

➤ **Brian Bolduc, Clark County GISMO**

Bob Puterski from Legislative Counsel Bureau sent GISMO a polygon layer of the new Clark County Crime Prevention Act of 2016 if anybody is interested please contact Brian.

➤ **Jaime McKeown, Clark County GISMO**

Addresses are being updated.

➤ **Robert Vega, Clark County IT Department**

Talked about how Carbon Black allows you to run 'white listed' tools on servers and also how this software works. He also discussed some of the security measures the County is taking with this program. Robert also talked about the server issues the County is experiencing. The County is focusing a lot on security right now. He said the next big push will be on browsers and the need to have those upgraded.

7. Set agenda for next meeting scheduled on November 17, 2016

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

8. Adjournment

The meeting was adjourned at approximately 10:25 a.m.