

CLARK COUNTY GIS DATA COMMITTEE

Clark County Government Center
500 South Grand Central Pkwy.
4th Floor, Gold Room 4047
Las Vegas, NV 89155
Thursday, March 20, 2014
9:30 am – 11:00 am

MINUTES

MEMBERS PRESENT: Ryan Kammerer (Mesquite), Robert Vega (GISMO), Tommie Weckesser (CoH), Anthony Willis (CLV), Brian Bolduc (CCWRD), John Ritsko (RTCSNV), Michael Todd (CCRFCD), Anthony Weis (CCSD)

1. Call to Order

- a. Conformance with Nevada Open Meeting Law – The meeting was called to order at approximately 9:30 am. There are eight (8) voting members present, so we have a quorum.
- b. Introduction of Data Committee members and guests: Attendees 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

There is not a lot to update. We just reviewed the disclaimer and came up with a couple of changes. We talked about zoning and I'm working on making one layer for all of the zoning. We are going to have a jurisdiction field as well as a contact page. Jeff Truby said that by the next meeting RTC is going to have the trails which they have from the Feds.

b. NGIS Symposium, Richard Wells, City of Las Vegas Emergency Management (Giving a report for Matt Krok, City of Henderson, who is unable to be here today)

The committee is working hard at our event – we're about 7 weeks out from the 24th Annual NGIS Conference. I would encourage everyone to get registered before April 1st (that's when the Early Bird Registration expires).

If you have a paper to submit please present because this year's talk will be from the GIS Administrator from Salt Lake City, Public Works Dept. He's going to give our key note. And former RTC Director and current City Manager of Henderson, Jacob Snow, is going to give the 'Welcome'. So, any of you who are working with critical infrastructure, we're looking for you to present papers this year.

Pre-conference & Post-conference:

- Training at UNLV
- Wildhorse Golf Course – NGIS Foundation Fundraiser golf tournament on Friday after the conference
- Neon Museum tour
- Python training – only about 4 spots left – first come first serve
- Test site tour – fee applies
- ESRI – Competition and Mapping – Story telling with maps

Actual Conference dates are May 7th & 8th.

4. Assessor's Office Data Files, Erik Martinet, Clark County Assessor's Office

Referring to handouts, these are the changes that will be happening with AO Extract. We will have another table to differentiate between the current AO Extract and the new version. They are combining a lot of the tables to make it easier for people to use.

On the left-hand side is the current AO Extract and on the right hand side is the updated version.

Some of the changes include:

- The lengths are changing considerably, so if you don't delete your tables and recreate them you'll have issues.
- Owner Names are going up to 100 characters
- Addresses are going up to 50 characters
- Parcel number is going to be 25 characters – this is a default that the vendor chose
- Mail Address is Mail Address, Mail Address 2, Mail Address 3
- Adding Mail City, State and Country
- Did away with Name Tag
- Renamed Zip Code to Mail Zip Code
- Location Address prefixed with Loc
- Changed Street Name, Street Type and Street Units – increased in size
- Included Location City and Legal Description
- Capacity was changed to a string – no longer just a number so they will probably use ranges.
- Added Common Name – easier to find places/resorts with multiple parcels
- Increased Subdivision Name
- Added Comments
- Added Abatement Type

Action Item:

- ✓ Robert will get together with Erik to get these changes up on the FTP site probably by the end of the week or at the latest next week. We will send out ahead of the minutes so we can get it out there for you to distribute to your people.

5. Comments by the General Public

Robert Vega, GISMO – Discussion on Infrastructure, Business Continuity and Disaster Relief.

In troubleshooting my ClarkCountyNV.gov website, I looked on the Gismo page and found that in 1988 the Interlocal was created. The Data Committee started in 1989. OpenWeb was released in 1999. We've learned a lot about load testing since then.

The County website could only handle 40 users at a time and now we're up to 200+ users at a single time. I was doing a load test on OpenWeb (mobile version) and I found that I can have 1300 clients click in a parcel at the same exact time.

ClarkCountyNV.gov serves a lot of static data and is shared with a lot of different things. OpenWeb has a single database server that serves all GIS.

All hardware that I'm talking about between ClarkCountyNV.gov and OpenWeb (gisgate), they're all physical servers. The only thing that is virtualized is the SQL Server database server. But this will also change because we will be going to SQL Server 2012 or 2014 for GIS soon, since we can move a little bit faster than the rest of the site.

Once we go from SharePoint 2007 to SharePoint 2013 for ClarkCountyNV.gov, hopefully, we'll then be able to serve at least 1000 users vs. 200. It is just one of those interesting things to see how the implementations can vary depending on hardware.

We have to start thinking about deprecation and paying attention the deprecation charts that are out there. Things are going out of support quickly.

- Windows XP – out since 2001 - going out of support next month (April 2014).
- Window 2003 – going out of support (June 2015).
- GIS Software - ArcGIS 10.0 going out of support next year or so.
- Microsoft SQL Server & Oracle – both on quick cycles for support.

With all of the browsers that are out there, IE11 can get automatically updated just like Chrome and Firefox do. But this can also present a lot of other issues within you're supporting Legacy software within your organization.

We have to keep track of what's happening in the industry that affects GIS. The development side of the web is going to be interesting. The one thing we have to start looking at is the Cloud. Accela said that 85% of their similar-sized clients are Cloud-based.

There are certain things that we can look at:

- Software as a service
- Infrastructure as a service
- Platforms as a service – latest thing

Continuity of Operations Workshop coming in April – go to NVContinuity.com

Huge Difference Between:

- Business Continuity – if the internet goes down, how do you keep on working? What we are trying to focus on because it's not as expensive.
- Disaster Recovery – critical infrastructure is gone, how do you get everything back up? Worst case scenario – very expensive.

We, as GIS, rely on our infrastructure staff to tell us what we need, but it needs to be the other way around. We need to tell our infrastructure what we require and we need to start having these discussions with our IT groups.

Google now has an aerial photography product and we will be having a conference call within the next couple of weeks to see what kind of products they have. Google says they can do 1,400 square miles, process it all and have it delivered in two months. We'll try to get more information.

Tommie Weckesser, City of Henderson – asked if Septic layer is being updated regularly.

Response – Robert Vega, GISMO

Using all the tools we have it requires a manual process. We'll try a few more things when we have some time but if they don't work, we'll probably just go to quarterly updates. Septic is pretty well set for now.

5. Set agenda for next meeting scheduled on: April 17, 2014

The next meeting is scheduled for April 17, 2014, 9:30-11:00 am, Clark County Government Center, 500 South Grand Central Pkwy, 4th floor, Gold Room 4047, Las Vegas, NV 89155.

6. Adjournment

The meeting was adjourned at approximately 10:30 am.