



An alliance of communities sharing Geographical Information Systems

Meeting Minutes
Thursday, September 8th 2022
2:00 PM - 3:30 PM
 Virtual Meeting

<input type="checkbox"/> Mark Andrie, New Brighton	<input type="checkbox"/> Matt Koukol, Ramsey County
<input type="checkbox"/> Matthew Bachler, Arden Hills	<input checked="" type="checkbox"/> Carrie Magnuson, RWMWD
<input type="checkbox"/> Jim Bownick, Lauderdale	<input checked="" type="checkbox"/> Geoff Maas, Ramsey County
<input type="checkbox"/> Brian Corcoran, VLAWMO	<input checked="" type="checkbox"/> Evan Marshall, St. Paul
<input checked="" type="checkbox"/> Al Davison, St. Paul	<input checked="" type="checkbox"/> Evan Monson, WB Twshp/Gem Lake
<input type="checkbox"/> Mychal Fowlds, Maplewood	<input checked="" type="checkbox"/> Matt Moran, White Bear Lake
<input checked="" type="checkbox"/> Jacob Garibay, Mounds View	<input type="checkbox"/> Paul Moretto, Falcon Heights
<input type="checkbox"/> Mike Goodnature, Rams Cons. Dist.	<input type="checkbox"/> Nick Ousky, Vadnais Heights
<input type="checkbox"/> Jared Haas, Shoreview	<input type="checkbox"/> Tom Riedesel, White Bear Township
<input type="checkbox"/> Joel Hanson, Little Canada	<input type="checkbox"/> Jon Sevald, Mounds View
<input checked="" type="checkbox"/> Niki Hill, Shoreview	<input type="checkbox"/> Bill Short, Gem Lake (SEH)
<input checked="" type="checkbox"/> Dan Holzemer, White Bear Lake	<input checked="" type="checkbox"/> Jolinda Stapleton, Roseville
<input checked="" type="checkbox"/> Brian Jastram, Mississippi WMO	<input type="checkbox"/> Sack Thongvanh, Falcon Heights
<input type="checkbox"/> Matt Kocian, RCWD	<input checked="" type="checkbox"/> Jennifer Wilkins, St. Paul
<input type="checkbox"/> David Kotilinek, North St. Paul	<input checked="" type="checkbox"/> Nate Zwonitzer, CRWD

Also attending: Chris Ulrich; Ramsey County

1. Call to order, introductions, and a brief statement on what you've been working on
 - Evan Marshall: Replacing Sam Klimoski as primary St. Paul rep. Launched a new GIS architecture and migrating data.
 - Dan Holzemer: Engineering project wrap-ups. Finished collecting sanitary structure data. Implementing possible citizen reporting ideas. (see update later).
 - Jacob Garibay: covering main public works phone line. Fielding MS4 Permit changes. Making changes to how they store and maintain data. Fielding INI program.
 - Matt Moran: Implementing Granit Net asset mgmt. software. Impervious surface dataset.
 - Al Davison: Prepping for a new centerline schema. Street sweeping and snowplow route optimization.
 - Evan Monson: WBT had a recent comp plan amendment approved last month, so staff is updating the plan and maps to implement that amendment. Gem Lake has had some commercial development taking place over the summer as Luther Auto is building on a site that sits in both Gem Lake and Vadnais Heights.
 - Jennifer Wilkins:
 - Niki Hill: Shoreview: Focus on community development planning and redevelopment



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- Chris Ulrich, Ramsey County: Web app building. Move to a new attributed parcel dataset (points/polygons).
- Nate Zwonitzer: Updates to mobile inspection forms for permit program, CIP, & grant inspections. Developing work flows that send inspection reports on the fly
- Jolinda Stapleton: Converting her GIS maps and workflow over to ArcGIS Pro. Working on a project to turn over random unplatted property to adjacent parcels.

2. Additions or corrections to the agenda

- Chris Ulrich would like to move closer to the beginning of the meeting. No objections.

3. Approval of May 5th 2022 meeting minutes

- Corrections/additions: none
- Approved

4. Ramsey County Update (Chris Ulrich)

- Geoff Maas sent an email about imagery to the group. The contract with Nearmap was finalized with the County. Will have access through 2027. The user group has an annual contribution towards this. New ortho imagery from EagleView scheduled for delivery in mid-September. LiDAR project status map available on state project website ([Link](#)). So far only one county, Pine, has submitted data.
- Moving to a new parcel data on September 12th (planned). Primary and alternate tax payer fields are being replaced by Owner and Taxpayer fields. Vast majority of other fields should be the same. Data shared on [Mn Geospatial Commons](#), and service end points will be updated. WMS should still work. Contact Chris (Christina.Ulrich@CO.RAMSEY.MN.US) with questions.

5. Volunteers for Secretary

- Roles: meeting notifications, email group, take meeting minutes (~4 per year), manage Google Drive, update website
- Year 1: secretary, Year 2: vice chair, Year 3: Chair with benefit of sponsored trip to ESRI conference in San Diego in July.
- List of past officers. Please review to see if it's your organizations turn to (re)volunteer. [Link](#)
- If you're interested, please contact Jolinda, Carrie and/or Jacob.

6. ESRI Conference Review (Dan)

- For completing his 3-year term as a RCGISUG officer, Dan attended the July ESRI Conference in San Diego, sponsored by WBL, Ramsey Co GIS User Group and Ramsey County.
- Theme: Mapping for Common Ground
- Highlights
 - i. Guest speakers from all over the world
 - ii. Interesting presentations
 - iii. Meeting engineering colleagues who use Autodesk
 - iv. ESRI push for ArcPRO, Survey 123, Storymaps, Building Information Modeling (BIM)
- Incorporating conference content to White Bear Lake workflows:

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- i. Answering common questions and comments from the public (What day is trash day? Report a pothole. Flow rates on hydrants while flushing. Adopt-a-hydrant. Tree inventory)
- ii. 3d Map of WBL (Logis already working on this).
- iii. Expand ArcPRO use.
- iv. Asset Collection.

7. NearMap – (Jacob)

- RCGISUG has an Enterprise agreement via Ramsey County. If you do not have a login, contact Jolinda (Jolinda.Stapleton@cityofroseville.com)
- nearmap.com – landing page for map browser
 - 2-3” resolution by estimate? Jacob has noticed a little bit of displacement.
 - Demonstrated split view and timeline to show land changes side by side
 - Parcel data included in webmap. Nearmap is pulling the data, but not sure from where. Jacob thought it was a little outdated.
 - Can right click on a parcel and go to Google Street View
 - Drawing a line on the map will show you distance (length), bearing and elevation.
- Custom Service within GIS software (Jacob)
 - For most recent imagery: Incorporating it into Pro seems to have a couple pathways. Primary process promoted by Nearmap via Esri Marketplace.
 - ArcPro/Nearmap Integration:
<https://docs.nearmap.com/display/ND/ArcGIS+Pro+-+WMS+Integration>
 - Custom API Services:
<https://docs.nearmap.com/display/ND/Custom+API+Services>
- Open discussion on how NearMap is used at member organizations (Jolinda)
 - Evan/St. Paul brings in the multiple data layers in for Nearmap via Portal. Can have most current year or multiple years. Could be a demonstration presentation for 2023.
 - Jolinda: uses by city: Update building polygons, impervious etc based on new imagery. Parking analysis – see where people are generally parking on the roads. Street light and signage inventory. Looking for unpermitted construction work (retaining walls, garages, sheds, etc). Overall changes (fill, tree removal, disturbance near wetlands, property boundary encroaching). Developments in progress. Practicality for current data. Pathway conditions. Trees: canopy changes, removal. Storm structure inventory/checks. Concerned citizen inquiries. Use in conjunction/complement with Ramsey County imagery. Leaf-on imagery.
 - Can it be used for code enforcement (Jacob)? Any issue with using aerials verses in person observations. Jolinda: used to verify reported violations but does not use to actively look for violations.
- Provide current list of user logins to review for removals and additions (Jolinda)
 - Jolinda sent NearMapUsers.xlsx in chat. Review and get back to Jolinda with edits



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- There is a web version of NearMap with basic tools, but no local data. Contact Jolinda if you need your login information. 2-3 images a year. You can add coworkers as a user by contacting Jolinda.

8. Budget Discussion

- Recent expenditures
 - Insurance (League of MN Cities) still needs to be invoiced
 - ESRI User conference
 - LiDAR project
 - EagleView (not billed until after delivery)
 - ESRI conference
- Finalize long-term budget and 2023 membership dues
 - Due change based on new census data. See emails sent with budget fees.
 - No rate change in 2023: maintain at \$0.1007/capita.
 - According to JPA, no vote needed. Board determines, but keeping our process very transparent.
 - Nate suggested adding a brief description what that population factor is for and how it was calculated. The Treasurer should create/update documentation regarding population factors (weighting) and rate calculations.

9. RCGISUG Benefits Document

- Jolinda sent in chat, but also sent twice between meetings. Some feedback received and changes made. Please review again and provide edits. When bills come out, suggestion to also send the RCGISUG representative the statement of benefit to provide to agency/council/decision makers so any payment justification is readily available.
- Bills will probably be sent out in February for 2023

10. Community Announcements

- Geoff: Ramsey County has not received EagleView orthos yet. Scott and Anoka Counties have not either. Geoff is touching base with the company. The benefit of these ortho images is that we can make them publicly accessible and we get to keep the archive, both unlike Nearmap.
- Geoff: Expanding use of Cyclomedia and would like to provide seats to RCGISUG members. He will keep us updated.
- Geoff: behind on data, parks and trails being worked on. Stormwater exchange standard project is in a holding pattern.

11. Adjourn

Future 2022 Meetings: November 3rd

- Continue zoom or move to in-person? Stay virtual in 2022 and reconsider for 2023. Consider having one in-person meeting and the rest via zoom to improve attendance. Positive about zoom: we can all share our screens.

Include attachments:



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- NearMap Users.xlsx
- RCGISUG_Officer_History.docx
- Statement of Benefit2022
- Draft Minutes