



January Meeting
1/12/2022

AGENDA

1. Announcements
2. Esri Update
3. Poll Questions and Open Discussion

**** Please mute phones!! ****

ANNOUNCEMENTS

- Wisconsin DOT Job Opportunity: Transportation Data Analyst (HPMS Coordinator) - closes 1/24. Work out of Madison, WI
 - Go to: <https://wisc.jobs/Pages/Welcome.aspx>
- Arizona DOT Job Opportunity: GIS Analyst (HPMS Analyst) - Closing today at midnight. Work out of Phoenix, AZ
 - Go to: <https://www.azstatejobs.gov/jobs/search>
- GIS-T: <https://gis-t.transportation.org/> - Registration to open mid January
- GeoNet - Become a part of the ESRI Community

Esri Updates

Nathan Easley

Poll Questions and Open Discussion

RHUG Community:

Poll - What States are looking at the private sector for migrating to Pro?

If migration was done in-house, how difficult was it? How long did it take you?

Poll Questions and Open Discussion

RHUG Community:

Poll - Does your agency have editable RnH data hosted on the cloud using Amazon (AMS) or any other service?

Poll Questions and Open Discussion

RHUG Community:

Poll - Are you satisfied with the options to choose from for event behavior in Roads and Highways and if not, would you like to see changes to any event behaviors or new event behaviors added? (Please choose as many as pertains to you)

Upcoming Meetings / Contacts

Wednesday February 9th, 1:30-3pm

Contact Info:

Erin Lesh erialesh@ncdot.gov

Patrick Whiteford pwhiteford@azdot.gov



Product Team Update

RHUG meeting 1/12/22

Nathan Easley

Capabilities currently under development

- **Stationing event type support**
 - REST operations for Geometry to Station and Station to Geometry
- **Event editing in Pro**
 - Adding and editing events using core tools and attribute table
 - Attribute sets
- **Generate Calibration Points**
 - M on Route and Attribute Field calibration method
- **Display measures as a cursor moves along a route in the map**

Support Incidents/Defects

- **BUG-000143396** – Deleting a version in Roads & Highways 10.8.1 does not release route locks (developer fixing)
- **BUG-000144531** – Running Export Network returns different results if input layer is stored in file gdb or enterprise gdb (developer fixing)



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Q1. If you haven't already made the upgrade to Pro, how do you plan to handle the migration or if you are in Pro already, how did you handle it?

A1. Looking to the private sector for assistance in the migration to Pro or already used the private sector. 13/25

A2. Handling the migration to Pro in-house or already handled it in-house. 9/25

A3. If you handled the migration to Pro in-house, did you run into any specific complications and how long did it take? (Please comment) 1/25

Q2. Does your agency have editable RnH data hosted on the cloud using Amazon (AMS) or any other service? 12/20

A1. No 4/20

A2. Not right now but plan to in the future 0/20

A3. Currently moving RnH data to cloud 0/20

A4. Yes but there are issues 0/20

A5. Yes - AMS 0/20

A6. Yes - Other cloud service 1/20

A7. Have other data hosted in cloud but not RnH data 1/20

Q3. Are you satisfied with the options to choose from for event behavior in Roads and Highways and if not, would you like to see changes to any event behaviors or new event behaviors added? (Please choose as many as pertains to you)

A1. I am satisfied with the options currently provided. 9/23

A2. I would like to see minor changes to one or two event behaviors. 2/23

A3. I would like to see new options added. 2/23

A4. I find myself assigning the same event behavior to all or most of my events. 8/23

A5. I make use of several different event behaviors as it pertains to my LRS and underlying data. 4/23

A6. I would benefit from more clarity of event behaviors or a demo of using the different event behaviors when editing the LRS. 7/23

A7. I have implemented the cover behavior on some events and find it useful. 2/23

A8. I avoid using one or more event behaviors because it would cause issues with my events. 3/23

A9. Other (Please comment) 0/23

from Kell Schieldt to everyone: 12:35 PM

Yes, please

from Jim Mitchell to everyone: 12:36 PM

What is the temperature in Wisconsin?

from nicole hanson to everyone: 12:40 PM

April 18, 2022

from Ryan Koschatzky to everyone: 12:43 PM

<https://community.esri.com/groups/roads-and-highways-user-group-rhug>

from Kevin Munro to everyone: 12:43 PM

Any special requirements on GIS-T attendance in consideration of the ongoing pandemic?

from peter morey to everyone: 12:44 PM

at the end of last year they said it would be mixed in person with remote options

from Lesh, Erin A to everyone: 12:45 PM

Thanks Peter

from Tom Brenneman to everyone: 12:45 PM

Woohoo! Nathan time!

from nicole hanson to all panelists: 12:46 PM

As of right now, we don't have anything scheduled for remote - I am on the planning committee for GIS-T.

from nicole hanson to all panelists: 12:46 PM

Following Covid 19 protocol with the Clear Health App, masked social distancing where it can be

from Tom Brenneman to everyone: 12:47 PM

Will the display of measures as you move the mouse be supported in web applications?

from Tom Brenneman to everyone: 12:48 PM

What version do you expect those development items to be released in?

from Ryan Koschatzky to all panelists: 12:49 PM

What might be a timeline for the export bug fix? This might have impact for some and HPMS.

from Jim Mitchell to all panelists: 12:49 PM

Anything new on LRS support in AGO?

from Ryan Koschatzky to everyone: 12:49 PM

What might be a timeline for the export bug fix? This might have impact for some and HPMS.

from Kevin Hunt to all panelists: 12:49 PM

Nathan, the Export Network bug is impacting our integration with Agile Asset along iwth other integrations. any estimate on when we can patch that?

from Amit Hazra to all panelists: 12:49 PM

@Sam - the RDBMS doesn't necessarily need to match the enterprise release.

from Amit Hazra to all panelists: 12:49 PM

(GDB_

from Jim Mitchell to all panelists: 12:50 PM

Was there anything new in Pro 2.9?

from Kevin Hunt to all panelists: 12:51 PM

Thank you

from Ryan Koschatzky to everyone: 12:51 PM

As I recall HPMS is due 4/15.

from Amit Hazra to all panelists: 12:51 PM

@Sam- Check: <https://enterprise.arcgis.com/en/roads-highways/latest/get-started/esri-roads-and-highways-for-server.htm>

from Amit Hazra to all panelists: 12:51 PM

We manage the compatibility matrix there.

from Gary Waters to everyone: 12:53 PM

Can you provide any update on what is being added to FieldMaps from an LRS perspective?

from Sam Coldiron to everyone: 12:53 PM

Looks like I was one of those! Just to confirm, if we are moving to RH in Pro 2.9 then the needed back end is Enterprise 10.9 and SDE 10.9? And the update to Enterprise 10.9 comes with the new version of RCE to match also?

from Sam Coldiron to everyone: 12:54 PM

Thanks @Amit!

from Marisa Mailand to all panelists: 12:58 PM

Montana doesn't have a plan for moving to Pro yet for R&H. We are only of the few states who set up our data in 3d, and I understand Pro only utilizes 2d, so we haven't really addressed it yet.

from Kevin Munro to everyone: 12:58 PM

INDOT used ESRI PS for scripted buildout of new portal, adhoc additional used of ESRI PS is planned.

from Marisa Mailand to all panelists: 12:59 PM

Ok, thanks! Well, aren't quite ready for another change yet. Relatively new to R&H in ArcMap.

from Steve Nelson to all panelists: 1:04 PM

North Dakota is looking at converting to Pro in house without external resources.

from Elizabeth Lanzer to all panelists: 1:06 PM

WaDOT is mandated to move to cloud, but are still planning and testing Enterprise on Cloud and then RnH eventually.

from Jennifer Berthiaume to all panelists: 1:06 PM

Pro might be all 3-D but I think a sticking point for some DOTs is the fact that the ability to get Z values from a DEM/DTM automatically to place them on new/edited centerlines isn't there yet. That can be done through GP tools in the 3D Analyst toolbox but it takes much more of an effort/workflow to accomplish.

from Steve Nelson to all panelists: 1:10 PM

So does North Dakota, we mostly use stay put but are playing with cover but cover is inconsistent.

from Kathleen Mohla to everyone: 1:17 PM

That demo would be welcomed!

from Kevin Munro to everyone: 1:25 PM

Thanks Nicole!

from Kathi Cotney to all panelists: 1:29 PM

great job Shaun!

from Kevin Munro to everyone: 1:29 PM

thanks!

from Marisa Mailand to everyone: 1:29 PM

Thanks!

from Hong Liang to all panelists: 1:29 PM

Thank you!

from Sam Coldiron to everyone: 1:29 PM

Thank you!

from Steve Nelson to all panelists: 1:29 PM

Thank you Shaun