

**GIS COUNCIL**  
**Nebraska Information Technology Commission**

Wednesday, August 4, 2010, 1:00 p.m. - 3:30 p.m.  
Nebraska Dept. of Roads- Main Auditorium  
1500 Nebraska Hwy 2, Lincoln, Nebraska

**MINUTES**

**ROLL CALL PRESENT (authorized to vote\*):**

Rose Braun	*	Dept. of Roads
Chad Boshart	*	Military Dept/NEMA
Eric Herbert	*	NACO
Jeremy Hoesin	*	Policy Research Office
Jim Langtry	*	USGS
Josh Lear	*	Dept. of Natural Resources
Jeff McReynolds	*	City of Lincoln/Lancaster County
Sudir Ponnappan	*	Nebraska Game and Parks Commission
Mike Preston	*	GIS Professional Organization
Mike Schonlau	*	Douglas County/Omaha – At Large Rep
Paul Yamamoto	*	Department of Environmental Quality

***Others Present:***

Larry Zink, GIS Council Coordinator, Office of the CIO  
Lori Lopez Urdiales, Administrative Assistant III, Office of the CIO  
Karin Callahan, CALMIT, University of Nebraska-Lincoln  
Michael Gilligan, Office of Rural Health

**ROLL CALL AND INTRODUCTION OF AUDIENCE ATTENDEES**

Chair, Mike Schonlau, called the meeting to order at 1:05 p.m. Roll call was taken and 11 members were present. A quorum existed to conduct official business.

**PUBLIC MEETINGS REGULATIONS AND POSTING OF THE SAME**

The meeting notice was posted to the [Nebraska Public Meeting Calendar](#) on July 5, 2010 and the agenda posted on GIS Council website August 2, 2010. It was noted that the Open Meeting Act was located in the back of the room.

**INVITATION FOR PUBLIC COMMENT FROM ATTENDEES**

There was no public comment.

**APPROVAL OF MINUTES FROM 6/9/10 MEETING**

Mr. McReynolds moved to approve the [June 6, 2010](#) as presented. Mr. Langtry seconded. The draft minutes were unanimously approved by voice vote of those present.

**NEBRASKAMAP UPDATE**

The first round of metadata training for the portal training was conducted yesterday. Discussions were held regarding potential changes and recommendations for future training. The Office of the CIO has recently purchased the ESRI software licenses required to support the NebraskaMAP. Consideration has

been given to the possibility of joint hosting of the NebraskaMAP between the OCIO and the UNL/UNO Holland Computing Center. Under this approach the large, static datasets (primarily imagery) would be hosted at the Holland CC. This option is being considered primarily due to an apparent lower cost. While this option is still being explored, at least initial, the current thinking is to develop the entire site at the OCIO. The Office of the CIO has indicated that it is open to purchasing a separate storage unit for Nebraska MAP, which seems to offer the prospect of a substantially lower cost. Arrangements are being made to bring NebraskaMAP into production through the Office of the CIO. Current UNL CALMIT capabilities were limited for software, hardware, storage. Training may be offered at the GIS Symposium in April. It was suggested to develop online training modules that would be available on the NebraskaMAP website. NET, Channel 5, and IT state government were suggested to assist with setting up the online training.

Dan Pfeffer has moved to Minnesota and is now working remotely on the NebraskaMAP project. He has been working on cleaning up street centerline-address data for the State Patrol and making changes to the portal, adding permanent links and implementing recommended changes received from the training sessions.

The Department of Agriculture has received funding for an application and has asked for assistance from NebraskaMAP. They are attempting to replace an IMS site with an ARC Server. The Nebraska Weed Association is also looking at an ARC server through NebraskaMAP. Discussion occurred as to whether these types of projects should be the responsibility of NebraskaMAP versus a GIS Service Bureau. It was recommended that the further discussion occur between the GIS Council and agencies requesting assistance.

#### **STATE GIS SERVICE BUREAU DISCUSSION AND RECOMMENDATION**

Mr. Zink provided the Council with an overview of an interrelated series of occurrences around the issue of a GIS Service Bureau that had occurred since the June meeting. Larry reminded that Council that at its June meeting it had formally passed a resolution recommending the development of a GIS Service Bureau and that this Service Bureau be hosted at the OCIO.

At the same meeting, the GIS Council endorsed a formal response to two Public Service Commission (PSC) Dockets seeking comments on possible changes in standards and data collection and maintain for the GIS data that the PSC has helped to develop related to E911. The GIS Council's formal Docket comments recommended that the PSC continue to work with the GIS Council to develop standards for street centerline-address databases. The comments also suggested that serious consideration should be given to a more centralized, statewide approach to developing and maintaining this data and that as a result the data quality would probably improve as well as the efficiency.

Larry also noted that during a similar timeframe, the OCIO also responded to these two PSC Dockets. In the OCIO responses, a reference was also made to the importance of data standards and working with the GIS Council and to the GIS Council's recommendation that a GIS Service Bureau be created. The OCIO's PSC Docket draft response indicated that if such a GIS Service Bureau was created that it would be a possible means to achieve a statewide maintenance of the PSC E911 GIS data. As is customary, the OCIO response was forwarded to the Governor's Policy Research Office (GPRO) for review. The GPRO requested that the OCIO's reference to the development of a GIS Service Bureau be deleted from the OCIO's PSC Docket responses due to a felt need to have further dialogue and discussion of the need for a GIS Service Bureau and how it would be financed during these tight budget times.

Larry also reported that during this same, very short, condensed time period, the PSC was informed that there was the potential for additional funding in the area of Broadband Mapping. After some initial exploration, it appeared that there was potential here to secure funding for a developing a state geospatial data sharing and web services network and provide GIS-related technical assistance and

services to local governments. The timing was very short, but a draft application was prepared that was seeking approximately \$380,000 to help provide a declining proportion of support over a 3-year period for such an initiative. While the initial response from the funders was encouraging, the GPRO again expressed a concern about this initiative until further discussions could occur and asked that this portion of the grant request be removed. As Larry noted, all of these GIS Service Bureau-related initiatives occurred over a period of about two weeks, all with very short timelines. As an unintended consequence, the GPRO was hit with several initiatives, coming one right after another, related to a GIS Service Bureau initiative, and the short timeline had not allow for a measured conversation with the GPRO about the need for and thinking behind the Service Bureau concept.

Larry introduced Jeremy Hosein, the GPRO's representative to the GIS Council, and invited Mr. Hosein to share with the Council the thinking and concerns of the GPRO relative to the GIS Service Bureau. Mr. Hosein acknowledged Larry's overview of the series of happenings related to the GPRO and the Council's GIS Service Bureau proposals. Mr. Hosein expressed a regret that he hadn't been at the Council previously and therefore been involved in a timelier manner with this GIS Service Bureau issue as it developed. Mr. Hosein also expressed his appreciation for Larry's efforts to provide him with timely responses to questions and concerns as the GPRO raised issues. Mr. Hosein indicated that he wanted to be clear that the GPRO was not opposed to the idea of a GIS Service Bureau, but that in these times of very tight budgets, they felt that there was a need for more discussion prior to making a commitment to developing a new service. Mr. Hosein noted that during this rushed consideration of this issue, he had called the directors of some of the agencies involved in the Council. Some of them were aware of the issue and were supportive. Others were not aware of the proposal and some were somewhat aware, but not sure that they would use the proposed service. Mr. Hosein indicated that to him, this suggested the need for further discussion and that he appreciated Mr. Zink's problem that all of these initiatives were occurring over a very short time period, with little time for the needed discussion.

Mr. Hosein also suggested that since the GIS Council was an advisory body of the NITC, that any initiative of this sort should be referred to the NITC for its consideration and action. In response, Mr. Zink noted that following the GIS Council recommendation in June that this recommendation had been put on the NITC's agenda. However, its meeting was after all of these short timeline initiatives occurred. The NITC was presented with the GIS Council's recommendation and it was favorably received. However, in part because of the GPRO's concern, no action was requested of the NITC until further discussion could occur.

Mr. Hosein again noted that the GPRO was not opposed to the proposal for a GIS Service Bureau, but suggested that more dialogue among the key players was need and that a business case study would be very helpful.

Following Mr. Hosein's comments, there was considerable discussion about the needs and benefits of a service bureau for the state. Mike Schonlau suggested that the Council needed to move forward on using the FGDC CAP grant funding to do a business case study of the service bureau concept. He also suggested that this business case study include a return on investment analysis. Mr. Schonlau noted that Iowa did ROI (Return on Investment) case studies through GITA that helped their effort to establish their GIS Bureau. Hopefully, the GIS Council can assist the Office of the CIO with the discussions of stakeholders. It was also recommended that the Office of the CIO and the GIS Council hold informational meetings with agencies, stakeholder and the Governor's cabinet meetings to get their support before the Policy Research Office makes a decision.

At the conclusion of this discussion, it was generally agreed that the next steps would be as follows:

- Proceed with the GIS software installation at the OCIO for the NebraskaMAP
- Develop an RFP that will seek to utilize the FGDC CAP monies to conduct a ROI study and develop a strategic plan for Nebraska's GIS.

- Larry will work with the OCIO to develop an initial outline of a business plan for the GIS Service Bureau concept and meet with key agencies and the Policy Research Office.

### **NEBRASKA PUBLIC SERVICE BUREAU OPEN DOCKETS RELATED TO GIS**

[Statewide Maintenance of GIS Data for E911](#) and [Standards and Guidelines for GIS Data for E911](#)

Mike Hybil was not present to provide a report. It will be on the agenda for the next meeting

### **SUBCOMMITTEE REPORTS**

NIROC – II, Mike Schonlau. All the LIDAR data has been received and in process of getting these to agencies. Ortho-photography is being loaded up to the websites. All imagery is to be delivered by September 1<sup>st</sup>. LIDAR data will need less than 200g for storage. All imagery should be delivered and approved by October 15<sup>th</sup>. Infrared and oblique imagery will be available within the next 2-3 months.

[2010 FSA, 1-meter, leaf-on imagery](#). The collection of Nebraska 2010 imagery is now almost completed. Imagery is being collected at 1-meter resolution, 4-bands. If copies ordered, estimated delivery date for uncompressed DOQQs is currently end of September 2010 (no longer needed to wait for a QA/QC process, which in the past pushed delivery back to late winter timeframe). The estimated cost for a statewide set of imagery, all 4-bands, uncompressed TIFFS is \$9,714. If there is interest from agencies to share costs, they were asked to contact Mr. Zink. Mr. Langtry, USGS, noted that he may be able to secure Nebraska agencies a free copy of the 2011 NAIP imagery since USGS is a partner in that endeavor. Mr. Langtry indicated that he would try to find out more before the next Council meeting.

Nebraska Geospatial Strategic Planning. Discussed early under the GIS Service Bureau as to funding recommendation.

Update on Subcommittee - Cadastral/Property Parcel, Larry Zink. The subcommittee has reviewed the existing NITC standards in this area. There are some proposed changes to update the standards. The recommendations will be brought to the GIS Council for approval. They would then go to the NITC Technical Panel for review and approval and then to the NITC for final approval. The next items this Working Group plans to address is the possible interest within the Department of Revenue for a statewide system for parcel information. The Working Group is currently considering the merits of seeking to develop a best practices geodatabase model for Nebraska property parcel data. If developed this model database could potentially be used by the Dept. of Revenue and by local governments as they move from shapefiles to a geodatabase. If other members are interested on serving on the subcommittee, please contact Mr. Zink.

Update on Subcommittee - Historical Imagery, Mike Schonlau. The subcommittee has discussed the possibility of conducting a pilot project for ortho-rectifying historical imagery. The group is currently looking at selected areas in the Omaha area for a pilot. Agencies are being contacted to provide a proof of concept.

### **BROADBAND MAPPING REPORT**

Mike Hybil was not present to provide a report.

### **HOMELAND SECURITY INFRASTRUCTURE PROGRAM (HSIP) DATA RECLASSIFICATION**

[Larry's Background Paper on Proposal](#), [Formal HSIP Concurrence Document](#), [HSIP Gold and HSIP Freedom Overview](#)

Since the 911, there has been a recognized need for GIS data for homeland security purposes. Initial much of this collected data was classified, some because of the sensitive nature of the data, but much of

it because it included private sector data. Over the recent years, states and local governments have cooperated with federal government homeland security agencies to update much of this data. Related to this state and local cooperation, there has also been an interest in reclassifying some of this data to make it more widely available, particularly now that most of the private sector data has been removed. Of particular note is nine databases that do not seem to have a high level of security sensitivity: Urgent Care, Places of Worship, Nursing Homes, Public Health Departments, Fire Stations, Correctional Facilities (Prisons and Jails), EMS Stations, Law Enforcement and Hospitals. Under the proposed reclassification, the National Geospatial-Intelligence Agency (NGA), the Department of Homeland Security (DHS) and the U.S. Geological Survey (USGS) would still not make these datasets publicly available, but would make them more widely available to registered state and local agencies that have a recognized homeland security function. More specifically, this reclassification would allow these federal agencies to share these datasets with recognized groups in adjoining states without the necessity of declaring a national emergency. For example, now the Nebraska Dept. of Health and Human Services cannot get from these federal agencies the database on Iowa EMS stations without the declaration of a national emergency.

Mr. Zink noted that it was his understanding that these three federal agencies were supporting this reclassification, but that the federal agencies felt that they needed the support of states, since states were involving in helping to update the data. These agencies are asking for each state to have someone in authority sign the letter indicating support for reclassification.

Larry indicated that he originally thought that NEMA would be the lead agency in this area. However Chad Boshart, NEMA, had recently informed him that responsibility had been passed to the State Patrol. Larry indicated that he is currently seeking to make contact with the response person in the State Patrol. Larry suggested that since he had not yet been able to contact the appropriate person in the State Patrol, that he would suggest that the GIS Council defer any action in this area until that contact has been made and we understand the Patrol's position in this matter. In the interim, Larry suggested that Council members take this issue back to their agencies and explore whether there is any concern about the proposed reclassification of these particular datasets. Mr. Langtry suggested including Jeremy's email that included Q & A about the reclassification.

Mr. Hosein suggested that since the Lieutenant Governor is Nebraska's Homeland Security Director, he should be informed and his office be involved with the request.

Larry noted that this data for Nebraska is available for Nebraska agencies. It was stated that NebraskaMAP would be a good central access point for this information.

#### **OTHER BUSINESS OR UPDATES**

There was no other business or updates.

#### **ADJOURNMENT**

With no further business, Mr. Schonlau adjourned the meeting. At 2:51 p.m.

The meeting minutes were taken by Lori Lopez Urdiales and reviewed by Larry Zink of the Office of the CIO.

**Vote Tallies date: August 4, 2010**

		Roll Call	#1 Approval of June 9, 2010 (McReynolds/Langtry) All were in favor - Unanimous Voice Vote	#2	#3	#4	#5
1	Mike Schonlau - Chair - At Large.	P		.	.	.	.
2	Jeff McReynolds - Vice Chair - Lincoln area .	P		.	.	.	.
3	TBA (Brenda Decker) - DAS	A		.	.	.	.
4	Les Howard, Milda Vaitkus (Mark Kuzila) - CSD	A		.	.	.	.
5	Josh Lear, Kim Menke, (Brian Dunnigan) - DNR	P		.	.	.	.
6	Jeremy Hosein (Lauren Hill) - PRO	P		.	.	.	.
7	Bill Wehling, Rose Braun, (Monty Frederickson) - DOR	P		.	.	.	.
8	Steve Cobb, John Beran - St.Surv	A		.	.	.	.
9	Jack Dohrman (Patrick O'Donnell) -Clk of Leg.	A		.	.	.	.
10	Sudhir Ponnapan (Rex Amack) -NGPC	P		.	.	.	.
11	Ruth Sorensen, Bob Martin - PTA	A		.	.	.	.
12	Jim Langtry - Fed. Ag.	P		.	.	.	.
13	John Miyoshi, Chris Poole - NARD	A		.	.	.	.
14	Tim Cielocha (Mark Brugger) - Public Power .	A		.	.	.	.
15	Eric Herbert - NACO rep.	P		.	.	.	.
16	Lash Chaffin - League	A		.	.	.	.
17	Karis Bowen, Ge Lin - DHHS	A		.	.	.	.
18	Chad Boshart (Sue Krogman) - NEMA/Mil.	A		.	.	.	.
19	Paul Yamamoto, Tom Lamberson (M. Linder)- DEQ	P		.	.	.	.
20	Paul Mullen - Omaha area	A		.	.	.	.
21	Mike Hybl (Sue Vanicek) - PSC	A		.	.	.	.

22	Mike Preston - GIS Prof. Org. .	<b>P</b>		.	.	.	.
23	NACO - VACANT			.	.	.	.
24	At-Large - formerly Duane Stott VACANT			.	.	.	.
	<b>TOTALS</b>	<b>11</b>		.	.	.	.