

Nebraska GIS Council

Wednesday, September 2, 2009, 1:00 p.m. - 3:30 p.m.

Nebraska Dept. of Roads- Main Auditorium

1500 Nebraska Hwy 2, Lincoln, Nebraska

PROPOSED MINUTES

ROLL CALL PRESENT (authorized to vote*):

Steve Henderson	*	Chair, Office of the CIO
Paul Yamamoto	*	Nebraska Dept. of Environmental Quality
Karis Bowen	*	Nebr. Health and Human Services
Milda Vaitkus	*	Conservation and Survey Division - UNL
Josh Lear	*	Natural Resources Council
Rose Braun	*	Department of Roads
John Beran	*	State Surveyors Office
Jack Dohrman	*	Nebraska Legislature
Jim Langtry	*	USGS – Federal Agency Rep.
John Miyoshi	*	Lower Platte North NRD – NRD Rep.
Eric Herbert	*	Sarpy County – NACO Rep.
Lash Chaffin	*	League of Nebr. Municipalities
Mike Schonlau	*	Douglas County/Omaha – At Large Rep
Chad Boshart	*	NEMA
Mike Hybl	*	Public Service Commission
Jeff McReynolds	*	Lincoln

Others:

Steve Cacioppa, Douglas County; Dan Pfeffer, UNL-CALMIT; Joe Eckmann, ESRI; Ed Kelley, NDOR; Joe Stansberry, Nebr. Forest Service; Larry Zink, GIS Council Coordinator

ROLL CALL AND INTRODUCTION OF AUDIENCE ATTENDEES, PUBLIC MEETINGS REGULATIONS AND POSTING OF THE SAME

Mr. Henderson called the meeting to order at 1 p.m. There were 14 members present at the time of roll call. A quorum was present to conduct official business.

The public meeting notice was posted on the south wall of the conference room. GIS Council meeting notice was posted to the [Nebraska Public Meeting Calendar](#) and the [NITC GIS Council](#) websites on January 8, 2009. The meeting agenda was posted on GIS Council website August 26, 2009. Mr. Henderson noted the availability of a poster outlining the Public Meeting Regulations.

INVITATION FOR PUBLIC COMMENT FROM ATTENDEES

The invitation for public comment was extended and there was no public comment offered.

APPROVAL OF MINUTES FROM 11/19/08 MEETING

Lash Chaffin moved and Mike Schonlau seconded the motion to approve the minutes of the 5-13-09 GIS Council meeting, as circulated. [The motion passed unanimously.](#)

AERIAL IMAGERY INITIATIVE

FSA-USDA NAIP. Mr. Zink reported that since the Council last meet in May that the timeline for the proposed 1-meter, full-color, Farm Services Agency National Aerial Imagery Program (NAIP) had changed significantly. As original proposed, this statewide NAIP imagery acquisition for Nebraska was to occur in the summer of 2010. Since the last meeting, it was decided by Washington to move this Nebraska NAIP acquisition up to this year (2009). The notice of this change was very short. FSA had the funds to acquire 1-meter, 3-band, full-color imagery for all of the state without the need for partners. However, FSA indicated that if there was interest in also acquiring the 4th-band, near infra-red, then partners were need to cover the costs (\$58,320) for processing this 4th-band. Mr. Zink reported that following quick consultation with the GIS Council Chair and other interested parties, it appeared that there was significant interest in acquiring the 4th-band data. Mr. Zink was ultimately able to acquire sufficient partner funding commitments to cover the addition \$58,320 costs for acquiring and processing the 4th-

band data. As a result the Office of the CIO has signed an agreement with FSA-APFO to provide \$58,320 in exchange for statewide acquisition and processing the 4th-band near infrared NAIP imagery and as a part of that agreement the State of Nebraska will also receive the other three bands of 2009 statewide, 1-meter, full-color, leaf-on, orthoimagery. Imagery delivery is expected in late winter, early spring of 2010, following full FSA-APFO QA/QC. The funding partners are as follows:

US Forest Service	\$4,000
NRCS-USDA	\$15,000
Nebr. Forest Service	\$3,000
NDNR	\$10,000
NDEQ	\$15,000
NRDs	<u>\$11,320</u>
Pledged Total	\$58,320

NIRCO - II (high resolution imagery). Mr. Schonlau reported that this group has held several meetings and working on developing an RFP that is scheduled to be released by the end of June. A wide variety of public entities have committed to providing funding for the eight county core area around Douglas, Sarpy, Lancaster, and Pottawattamie Counties. In addition, eight other entities have expressed an interest in participating in the project for non-core areas in greater Nebraska. While not yet final, the working group is close to a consensus on a range of potential products to include in the RFP, which will focus on 6" and 12" orthos, with a mix of other potential products, depending upon the price quotes from vendors.

LIDAR UPDATE

Rainwater Basin Plus Initiative. Jim Langtry provided a brief report on this project in which several state, federal and local agencies are participating to acquire LiDAR data for approximately 1/5 of the state's geographic area in south central Nebraska. The coverage area extends from the Platte River south to the Kansas border and extends into Kansas. Data acquisition is currently underway and will ultimately be publicly available. Overall coordination is being provided by Shandy Bittle, NRCS-USDA.

Statewide LIDAR Strategic Planning. Doug Hallum, of the Department of Natural Resource, is leading the technical working group to explore the interest in and requirements for statewide LiDAR acquisition. This group is looking to develop a business case type document that will outline the needs for and technical requirements LiDAR data. As part of this process, Mr. Hallum is also providing presentations to several groups about LiDAR and its applications. When the draft business case document is completed, it will be provided to the GIS Council for review and possible adoption.

STREET CENTERLINE-ADDRESS ADVISORY COMMITTEE REPORT

Mr. Zink reported that since the last GIS Council meeting, a decision has been made to temporarily focus some of the resources from the Nebraska Geospatial Data Sharing and Web Services Network (NebraskaMAP) on the effort to develop a statewide street-centerline address database. This decision was made following significant consultation with members of the Street Centerline-Address Advisory Committee, members of the NebraskaMAP Partners Committee, the Office of the CIO and UNL-CALMIT. The decision was based on a decision by the NebraskaMAP Partners Committee identify statewide geocoding services as one of the initial NebraskaMAP application services. It was also based on the fact that Dan Pfeffer, NebraskaMAP Project Manager indicated that he had significant experience working with this type of data in previous positions and felt that he could fairly promptly (1-2 months) create an initial statewide dataset from the available data.

At least point, Mr. Pfeffer is close to completing initial data integration for a five county pilot project area (Douglas, Sarpy, Lancaster, Washington and Saunders). Once this is completed, the data will be transitioned into a specialized format required to support the State Patrol's CAD system and tested to ensure that it meets their requirements. Following that, a review of lessons learned from the pilot project will occur and Mr. Pfeffer will proceed with statewide data integration.

Mr. Zink also highlighted a map that was attached to the GIS Council agenda which showed that according to the Public Service Commission, updated street centerline-address data is now available through their website for all but ten of Nebraska's counties. Data for three of the ten counties not available from PSC (Douglas, Sarpy, and Lancaster) is available directly from those counties. The other seven counties are very rural counties and data development for those rural counties is currently under contract.

NEBRASKAMAP – A GEOSPATIAL DATA SHARING AND WEB SERVICES NETWORK

Mr. Zink and Dan Pfeffer, UNL Project Manager for NebraskaMAP provided an update on the status of this project. The rough prove-of-concept prototype has been developed and is currently operating on the UNL servers. At this point, there is very limited data available through the site and it is in need of much polish and fine-tuning. A training session has been held with ESRI staff members with expertise in this area and several of the project partners participated in this training. Efforts are currently underway to fine-tune the metadata development tools associated with the project, because the portal depends upon metadata to operate. Initial discussions are currently underway regarding the architecture required to move the prototype over to the OCIO.

The NebraskaMAP Partners Committee has decided on two application areas for its initial focus. Those areas are the providing of aerial imagery mapping services and statewide street centerline-address mapping and geocoding services. As a result of this decision, a significant portion of Dan Pfeffer's time has been diverted to the development of a statewide street centerline-address database, based on integrating county data from PSC, local governments and the Dept. of Roads.

NHD (NATIONAL HYDROLOGY DATASET) STRATEGIC PLANNING

Josh Lear and Mr. Zink reported on a series of meetings to plot out future directions for the National Hydrology Dataset (NHD). A [summary](#) of the results of those meetings were attached to the meeting agenda. Representatives from 19 organizations participated in some or all of three planning sessions. In addition to affirming the current stewardship plans for further enhancing the Nebraska NHD, the group also endorsed the idea of developing a simplified cartographic representation of the NHD; organizing a training session to assist folks in referencing their existing point data to the NHD addressing schema, and the organizing of NHD User Group to help support and encourage the utilization of this new dataset.

BROADBAND MAPPING

Mr. Zink provided a brief report on the fast moving federal initiative to map the current availability and high need areas for broadband access. Significant federal funding will apparently be available for this effort, but the planning timeline is very short. The Governor's Office has decided that the Public Service Commission will take the lead on this effort. Mr. Hybl provided a brief overview of PSC's current plans for an RFP and affirmed Mr. Zink's perspective on the very fast timeline for developing an RFP.

GIS COUNCIL ELECTION OF OFFICERS

Mr. Henderson noted that it was time once again to elect officers for the GIS Council. It was noted that the state statutes call for the election of a Chairperson and other officers as needed. It was further noted that the Council has traditionally elected both a Chair and Vice Chair for one-year terms. It was also noted that frequently these elected officers have served two one-year terms and then a conscious effort has been made to elect new officers following after serving two years. Mr. Henderson noted that he and Lash Chaffin have served two-years now a Chair and Vice Chair respectively and that Mr. Chaffin has also served previously as Chair.

Following discussion, Mr. Chaffin moved and Mr. McReynolds seconded, that Mr. Mike Schonlau be nominated as Chair. Mr. Schonlau indicated that he was willing to serve in this capacity. There were no further nominations for Chair and [Mr. Schonlau was elected as Chair by a unanimous roll call vote.](#)

Mr. Schonlau nominated, and Eric Herbert seconded, Mr. Jeff McReynolds to serve as Vice Chair. Mr. McReynolds indicated a willingness to serve in this capacity. There were no further nominations and [Mr. McReynolds was elected as Vice Chair by a unanimous roll call vote.](#)

NEBRASKA GEOSPATIAL STRATEGIC PLANNING

Mr. Zink noted that despite the fact that Nebraska had received a grant from the Federal Geographic Data Committee (FGDC) to help underwrite strategic planning for Nebraska, this effort has not gotten underway. In large part, this is because of the overriding priorities of NAIP and NIROC aerial imagery efforts, the NebraskaMAP, and street centerline efforts. The Council reaffirmed and encouraged moving forward with this strategic planning effort as resources allowed.

NEXT MEETING DATE AND TIME AND MEETING ADJOURNMENT

Mr. Henderson noted that the schedule for the next meeting of the NITC GIS Council will be held on November 18, 2009, 1:00 p.m., Department of Roads-Auditorium. He noted that this is a change from its original scheduled meeting date because Mr. Zink will be in Germany during that time.

With no further business, Mr. Henderson adjourned the meeting at 3:00 p.m.

— Meeting minutes were taken by Larry Zink of the Office of the CIO.

Vote Tallies for September 2, 2009 GIS Council				
	Roll Call	Minutes of 5-13-09 meeting	Election of Mike Schonlau as Chair	Election of Jeff McReynolds as Vice Chair
Henderson, Steve (Chair) Office of the CIO	P	Y	Y	Y
Chaffin, Lash (Vice Chair) League of Municipalities	P	Y	Y	Y
Boshart, Chad NEMA	P	Y	Y	Y
Brugger, Mark NPPD	A			
Cobb, Steve (John Beran) State Surveyor	P	Y	Y	Y
Dohrman, Jack (O'Donnell, Patrick) Clerk of the Legislature	P	Y	Y	Y
Milda Vaitkus Conservation & Survey Division	P	Y	Y	Y
Langry, Jim (Larry Worrell) USGS	P	Y	Y	Y
Lear, Josh (Rex Gittins, Brian Dunnigan) NDNR	P	Y	Y	Y
McReynolds, Jeff At-Large (Lincoln)	P	Y	Y	Y
Miyoshi, John (Chris Poole) Lower Platte North NRD	P	Y	Y	Y
Ponnapan, Sudir (Rex Amack) NGPC	A			
Karis Bowen , Ge Lin DHHS	P	.	Y	Y
Schonlau, Mike Omaha/Douglas County	P	Y	Y	Y
Eric Herbert NACO	P	Y	Y	Y
Sorenson, Ruth (Bob Martin, Rob Christian) Property Tax Division	A			
Wehling, Bill (Rose Braun) Dept. of Roads	P	Y	Y	Y
Yamamoto, Paul (Mike Linder) DEQ	A			
Hybl, Mike Public Service Commission	P	.	Y	Y
Mullen, Paul – Omaha Area	A	.	.	.
Jermey Hosein (Lauren Hill) PRO	A	.	.	.
Preston, Mike (GIS Professional Organization)	A	.	.	.
TOTALS	15	Yes - 13 No - 0	Yes - 15 No - 0	Yes - 15 No - 0