

GIS STEERING COMMITTEE

Nebraska Information Technology Commission
Wednesday, November 18, 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*):

<i>John Beran</i>	*	<i>State Surveyors Office</i>
<i>Rose Braun</i>	*	<i>Department of Roads</i>
<i>John Canon</i>	*	<i>PTA</i>
<i>Lash Chaffin</i>	*	<i>League of Nebr. Municipalities</i>
<i>Tim Cielocha</i>	*	<i>Public Power</i>
<i>Jack Dohrman</i>	*	<i>Nebraska Legislature</i>
<i>Steve Henderson</i>	*	<i>Chair, Office of the CIO</i>
<i>Eric Herbert</i>	*	<i>Sarpy County – NACO Representative</i>
<i>Les Howard</i>	*	<i>Conservation and Soil Division</i>
<i>Mike Hybl</i>	*	<i>Public Service Commission</i>
<i>Jim Langtry</i>	*	<i>USGS – Federal Agency Representative</i>
<i>Josh Lear</i>	*	<i>Natural Resources Council</i>
<i>Jeff McReynolds</i>	*	<i>City of Lincoln/Lancaster County</i>
<i>John Miyoshi</i>	*	<i>Lower Platte North NRD – NRD Representative</i>
<i>Paul Mullen</i>	*	<i>Metropolitan Area Planning Agency</i>
<i>Sudhir Ponnapan</i>	*	<i>Nebraska Game and Parks Commission</i>
<i>Mike Schonlau</i>	*	<i>Douglas County/Omaha – At Large Rep</i>
<i>Paul Yamamoto</i>	*	<i>Nebraska Dept. of Environmental Quality</i>

Others Present:

Larry Zink, GIS Council Coordinator; Lori Lopez Urdiales, Office of the CIO; Kim Burns, ESRI; and Milda Vaitkus, University of Nebraska-Lincoln.

ROLL CALL AND INTRODUCTION OF AUDIENCE ATTENDEES

Co-Chair, Jeff Reynolds, called the meeting to order. Roll call was taken. A quorum existed to conduct official business. Chair Mike Schonlau arrived and presided over the rest of meeting.

PUBLIC MEETINGS REGULATIONS AND POSTING OF THE SAME

The meeting notice and meeting agenda were posted to the [Nebraska Public Meeting Calendar](#) and the GIS Council website on November 13, 2009. The Open Meetings law normally posted on the south wall had been taken out of the room. Department of Road located the poster before the meeting ended.

INVITATION FOR PUBLIC COMMENT FROM ATTENDEES

There was no public comment.

APPROVAL OF MINUTES FROM 9/2/09 MEETING

Mr. Mullen moved [approval of the minutes from 9/2/09 meeting](#) as presented. Mr. Henderson seconded. The 9/2/09 minutes [were approved](#).

AERIAL IMAGERY INITIATIVE

Update on NIROC – II. The MOU's between the agencies are currently being developed. Decisions on products that will be used for the project will be made soon. The core urban area has been well defined. The project is currently drafting the project's technical scope of work. It is anticipated to be done by end of this year and ready to be signed by the beginning of 2010. The next meeting is scheduled for next Tuesday, 12:00 noon at MAPA Offices. Other areas that have expressed interest in the project are Ogallala, North Platte, South Sioux City, Schuyler, and Gothenburg, in the project. Most of core area will have 6 inch resolution and other areas will have 12 inch resolution. Douglas, Sarpy, and Lancaster counties as well as the City of Fremont are getting LiDAR. Lancaster and Douglas Counties are also getting oblique imagery as well. The project is utilizing a variety of products. Central Nebraska has developed a consortium of communities that are expressing an interest to be involved in the project as a consortium. The vendors selected are for the 2010 NIROC are Pixxures, Inc. and Merrick.

FSA Imagery. The USDA-Farm Services Agency (FSA) moved Nebraska up in its schedule for new statewide imagery from 2010 to 2009 (1 meter, full-color, leaf-on). The imagery was flown in the summer of 2009 and Mr. Zink worked with several partners (NRCS-USDA, NDNR, NDEQ, US Forest Service, Nebr. Forest Services and NRDs) to gather pledges of \$58,320 to also collect and process the 4th band near-infrared imagery. As part of this 4th-band "buy-up", Nebraska will also receive the statewide 3-band full-color, uncompressed imagery. The statewide uncompressed imagery is expected to be delivered late winter/early spring of 2010, following completion of a full QA/QC process by the USDA. The compressed, county mosaic imagery files are now available. If any members were interested in getting the data, Mr. Lantry's office has compressed these files. Members could also download the data from the USDA FSA web site. This data will be uploaded into the NebraskaMAP.

After discussion, it was recommended that the issue of "imagery" and communication to communities about its availability be addressed as part of the GIS Strategic Plan. NACO's involvement and collaboration was also recommended.

LiDAR UPDATE

Rainwater Basin Plus Initiative. Jim Langtry, USGS, provided a brief update on the Rainwater Basin LiDAR project. The project covers roughly 1/5 of Nebraska's total geographic area and is focused on south central Nebraska. The Rainwater Basin Joint Venture was the sparkplug for the project and other entities have joined to contribute financially to the project and to expand its geographic reach. Shandy Bittle, NRCS-USDA, is acting as the project coordinator in terms of arrangements with the contractor, Merrick, Inc. Three of the nine designated areas have been completed. A full report will be available soon.

Statewide LiDAR Strategic Planning. Larry Zink reported on the efforts of a LiDAR Technical Work Group. This Working Group is working to develop a business case for statewide LiDAR development. A draft document has been developed and is currently awaiting review by NDNR leadership. At the GIS Council's request, the NDNR took on the leadership of this Working Group and specific leadership has been provided by Doug Hallam, NDNR staff. Hopefully a draft document will be available for the GIS Council's review at its January meeting. Mike Schonlau noted that the process has been very helpful and the draft technical specs outlined in the document have been used in the NIROC RFP.

NEBRASKAMAP - A GEOSPATIAL DATA SHARING AND WEB SERVICES NETWORK AND NEBRASKA STREET CENTERLINE-ADDRESS UPDATE

Dan Fifer was not available for the report due to an out of town commitment. Mr. Zink provided a brief report. The basic infrastructure has been completed and the prototype is running off of the University of Nebraska system. The group has identified a couple of GIS applications as priority: the Nebraska Street

Centerline-Address with city coding and aerial imagery. The other focus and issue to be addressed is metadata. NebraskaMap has been developing special tools to create metadata. Hands-on training is also being planned. Much of Mr. Fifer's time this past few months has been spent working with street centerline-address data from the Public Service Commission, the Department of Roads and local governments.

A continued concern has been the project's sustainability after it has been completed. The project had planned to provide a report at the November NITC meeting but the meeting was held via video conference so the report will have to wait until their next meeting. In January, the project will provide a report and demonstration to the Records Board to solicit funding. Members also suggested contacting the Department of Roads and the Public Service Commission for funding. The NebraskaMAP Partnership Committee and staff will need to work with the Council develop an effective presentation of NebraskaMAP capabilities and potential that has a strong emphasis on return of investment to solicit funding.

Mr. Zink informed the Council that ESRI would be willing to provide a presentation about VIPER, the Virginia model. The model is built on a similar infrastructure that supports the NebraskaMAP and is focused on pulling realtime GIS data for emergency management.

Sarpy and Douglas Counties have applied for stimulus monies for first responder's project. Mr. Zink asked if Nebraska State Patrol had been informed and if this effort was part of the State Patrol's Fusion Center effort. This was not part of the Fusion Center and focused more at the local level but they have been in discussions with the Department of Roads and the Nebraska State Patrol local offices in Omaha. A prototype has already been developed for the local model.

Mr. Mullen stated that the City of Omaha is also working on a traffic management incident reporting project and has also been in discussions the Department of Roads and the Nebraska State Patrol local offices in Omaha through the Operations Center.

Mr. Henderson stated that the NITC has interest in determining the Fusion Center as an enterprise project with oversight by the Office of the CIO. He recommended that GIS Council invites the Fusion Center's Project Lead to a meeting along with the Douglas/Sarpy County folks, the Omaha incident management team and the NebraskaMAP to share with each other their project visions and underlying technology and explore opportunities for collaboration and partnership. Members recommended to also invite the Wireless Public Safety Project. The Office of the CIO will seek to organize a meeting for early January.

GIS-RELATED NITC TECHNOLOGY PLAN ACTION ITEMS

Mr. Zink provided an updated draft of GIS-related Action Items to potentially be included in the NITC's Technology Plan for 2010. Mr. Zink explained that if possible, the GIS Council needed to adopt some revision of these Action Items such that they might be considered by the NITC at its upcoming meeting for inclusion in the 2010 Technology Plan. Mr. Zink noted that the language in the current draft is based on just updating the existing GIS-related Action Items from the 2009 Technology Plan. Following discussion, there was general support for the draft language before the Council. However, it was suggested to two additional Action Items be added. One relating to planning for periodic, collaborative aerial imagery acquisition and one related to planning for statewide LiDAR acquisition. It was also suggested that a reference be included in the Geospatial Data Sharing Network Action Item that refers to efforts using similar technology (e.g. the State Patrol's Fusion Center and the Douglas/Sarpy emergency response platform). Since the GIS Council would not be meeting again before the NITC considers items for inclusion in the 2010 Technology Plan, it was suggested that Mr. Zink draft some revised wording reflecting the Council's desire to include the above suggestions and email it out to the Council for review. Unless there was significant concerns about Mr. Zink's reworked Action Item proposal, that is what would be submitted to the NITC on the GIS Council's behalf.

Mr. Miyoshi moved to that Council adopts the draft NITC GIS-related Action Items for the 2010 Technology Plan along with the suggested revisions that would include a reference to the Patrol's Fusion Center in "Nebraska Geospatial Data Sharing and Web Services Network" action item, and new action items regarding periodic collaboration aerial imagery acquisition and planning for statewide LiDAR acquisition, with Mr. Zink to develop revised language and email it to the Council for review and comment. Mr. Henderson seconded. [The motion to approve the revised GIS related action items was approved.](#)

Mr. Miyoshi left the meeting for another commitment.

BROADBAND MAPPING REPORT

Mike Hybl, PSC, provided a brief overview of the Public Service Commission's efforts in the area of broadband mapping. The PSC has released an RFP to do broadband mapping seeking to research and document the availability of broadband Internet availability. The Department of Education, the Office of the CIO and the University of Nebraska contributed to the development of the strategic planning section of the application. Mr. Hybl reported that the NTIA Office was very impressed with the planning document submitted by the PSC. The funding amounts that are available to states range from 1.2 to 1.5 million dollars. Nebraska has been requested to reduce their budget from 2 million dollars down to 1.4 million. Mr. Hybl reported that the APEX corporation has been selected as the potential contractor, but a final contract has not yet been signed. The deadline to submit the budget application to the NTIA is the end of November. The Public Service Commission would like to have the project started by January 1st. The APEX response to the RFP is on the Public Service Commission's website. Mr. Hybl thanked Mr. Zink for his assistance with the vendor reviews.

NEBRASKA GEOSPATIAL STRATEGIC PLANNING

It is hoped to get this project started after the first of the year but will need to be realistic about Nebraska's economy especially with the special session. The Office of the CIO received a grant for \$50,000 for this project to look at geographic regions and do GIS strategic planning with common needs and goals. Nebraska's planning would be shared with federal agencies for their information and planning. Mr. Zink will seek to have a draft of the RFP at the next meeting.

PROPERTY PARCEL MAPPING - A PROPOSAL FOR A STATEWIDE WORKING GROUP TO PROMOTE STATEWIDE COLLABORATION

Mr. Zink introduced this agenda item by noting that there were several items related to property parcel mapping that had come to his attention over the last couple months. He suggested that the Council discusses each of them individually and then potential consider if they collective merit the formation of some sort of working group for further action.

State Records Board Grant Applications for Land Record Modernization. As the GIS Coordinator for the Office of the CIO, Mr. Zink has had opportunities to review grants from other entities. Over the last couple years, and increasing number of these grant applications are related to the State Records Board and local government GIS-related property parcel mapping. In most cases, the existing State Records Board grant application form does not provide sufficient information to allow a reasonable evaluation of the technical merits of the proposed GIS development. To assist him with the grant reviews, Mr. Zink has developed a draft supplemental questionnaire that would potentially be included with the State Record Board grant application. For the most part, the questionnaire follows the language and standards included in the Land Record Information and Mapping Standards developed by the GIS Council and adopted as a standard by the NITC. Mr. Zink indicated that he had added to additional questions that are not currently in the existing standards, one related to data sharing and one related to collaboration at

the local level. The questionnaire has gone before the State Records Board Technical Review Committee and has been approved. Mr. Zink requested the GIS Council's endorsement of the questionnaire, which will be on the Records Board meeting December agenda. The Office of the CIO recommended that a Sharing Data become a standard for the Records Board grants dealing with GIS. It was also recommended that GIS Council could be assist with the technical review of these grants rather than a one person review.

Mr. Henderson moved to approve and endorse the Supplemental Questionnaire for State Funded Entities on Land Record Information and Mapping-Related Grant Applications. Mr. McReynolds seconded. [The motion passed unanimously.](#)

Department of Revenue Initiative. The Department of Revenue is interested in releasing an RFI/RFP relating to GIS and property parcel mapping. John Cannon, Property Assessment's Legal Counsel, informed the Council that nine counties will be involved with the RFI to develop a central repository for property parcel information for state agencies. The State of Nebraska utilizes TERRASCAN for the nine counties. The Dept. of Revenue would be interested in working with the GIS Council to further explore this idea and related items.

Mike Schonlau and Eric Herbert also shared with the Council the efforts underway in Douglas and Sarpy Counties to develop a common geodatabase model for property parcel mapping. Mr. Schonlau suggested that it might be useful for the Council to be involved in this effort and work with the Dept. of Revenue to develop a possible revision the current standards to include a standard for a geodatabase model.

Mr. Zink also shared with the Council that there is growing interest at the national level and encouragement for states to develop a state level property parcel data repository so that this data would be readily available in one location in the event of an emergency or disaster.

After discussion, it was decided to establish a work group to address the issues of updating the land records standards, the Dept. of Revenue's interest in an RFI/RFP, the possible creation of a depository, grant review processes, and future goals. Members volunteering to serve on the work group were Jeff McReynolds, Eric Herbert, Mike Schonlau, Jim Langtry and John Cannon. The work group will also need to develop a work group charter and scope and bring back to the GIS Council for a future meeting.

HISTORICAL MAPS ORTHORECTIFICATION - A PROPOSAL FOR A STATEWIDE WORKING GROUP

This project is directly related to Douglas, Sarpy, and Pottawattami Counties and making historical aerial imagery available in digital format. Mr. Schonlau noted that Iowa is currently working on a statewide project and has a documented process. They used university students to implement and complete the project. If the Council is interested, Iowa is willing to come and present what they did with their project. There is a lot of interest in historical land records. It was also noted that UNL-CSD is also currently involved in scanning historical imagery. The Council agreed to establish a small work group to begin discussions. Members volunteering to serve on the work group were Lash Chaffin, Les Howard, Department of Roads will have a representative and it was suggested to invite someone from the Historical Society.

[PROPOSED MEETING SCHEDULED FOR 2010](#)

A different meeting location for the May 5 and July 7 meetings will be determined at a later date. By group consensus, the Council agreed to the proposed 2010 meeting dated.

OTHER BUSINESS

Mr. Schonlau had three items to share with the Council:

- The City Baltimore has an application showing stimulus funding spending. He wanted to inform members of this and encouraged them to take a look at the web site because it emphasizes the importance of GIS. He also recommended the State of Maryland's statistical web site.
- Douglas County is developing an RFP for an infrastructure project management system to coordinate county projects where scheduled projects are posted and can be accessed by the public. Lancaster County is looking at an application for CIP that gives citizens project updates including photos. The Department of Roads has an application that is internal only and not public.
- Steve Henderson was thanked for serving as the former Chair of the GIS Council and Mark Bruegger was also thanked for serving on the Council. John Cannon, Property Assessment, Legal Counsel, was welcomed as a new member to the GIS Council.

With no further business, Ms. Shonlau adjourned the meeting. The meeting was adjourned at 3:25 p.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Larry Zink, Office of the CIO/NITC.

Vote Tallies date: November 18, 2009					
		Roll Call	Approval of 9/2/09 Minutes (PM/SH)	Approval of GIS Action Item per recommended changes (JM/SH)	Approval of Supplemental Questionnaire for Land Record Grants (Sh/JM)
1	Mike Schonlau - Chair - At Large.	P	Y	Y	Y
2	Jeff McReynolds - Vice Chair - Lincoln area .	P	Y	Y	Y
3	Steve Henderson (Brenda Decker) - DAS	P	Y	Y	Y
4	Les Howard, Milda Vaitkus (Mark Kuzila) - CSD	P	Y	Y	Y
5	Josh Lear, Kim Menke, (Brian Dunnigan) - DNR	P	Y	Y	Y
6	Jeremy Hosein (Lauren Hill) - PRO	A			
7	Bill Wehling, Rose Braun, (Monty Frederickson) - DOR	P	Y	Y	Y
8	Steve Cobb, John Beran - St.Surv	P	Y	Y	Y
9	Jack Dohrman (Patrick O'Donnell) -Clk of Leg.	P	Y	Y	Y
10	Sudhir Ponnapan (Rex Amack) -NGPC	P	Y	Y	Y
11	Ruth Sorensen, Bob Martin, John Canon - PTA	P	.	.	Y
12	Jim Langtry - Fed. Ag.	P	Y	Y	Y
13	John Miyoshi, Chris Poole - NARD	P	Y	Y	Y
14	Tim Cielocha (Mark Brugger) - Public Power .	P	Y	Y	Y
15	Eric Herbert - NACO rep.	P	Y	Y	Y
16	Lash Chaffin - League .	P	Y	Y	Y
17	Karis Bowen, Ge Lin -DHHS .	A			
18	Chad Boshart (Sue Krogman) - NEMA/Mil.	A			
19	Paul Yamamoto, Tom Lamberson (M. Linder)-DEQ	P	Y	Y	Y
20	Paul Mullen - Omaha area .	P	Y	Y	Y
21	Mike Hybl (Sue Vanicek) - PSC	P	Y	Y	Y
22	Mike Preston - GIS Prof. Org.	A			
23	NACO - VACANT			.	.
24	At-Large - formerly Duane Stott VACANT			.	.
	TOTALS	18	Yes - 17 No - 0	Yes - 17 No - 0	Yes - 18 No - 0

"P"=present, "A"=absent, "+"=voting for, "-"=voting against, "NV"=not voting