

## GIS Council Meeting Minutes

November 14, 2012  
1:00 p.m. – 3:30 p.m.

### Meeting Location:

Nebraska Department of Roads - Main Auditorium  
1500 Nebraska Hwy 2, Lincoln Nebraska



### *GIS Council • Nebraska Information Technology Commission*

#### Meeting Summary

**Working Group Reports and Discussions** Definitions are being drafted for data governance and stewardship. This will support communication and expectations for the groundwork for the Nebraska Spatial Data Infrastructure (NESDI). The NebraskaMAP technical group has been investigating image caching, data organization, and hosting. The street centerline-address working group has recommended goals, objectives and deliverables. A technical group has been formed to recommend a data model. The Land Records working group conducted a work day to evaluate several county parcel data for incorporation into the land records data model. Additional analysis needs to be conducted for addressing geodetic control and what is being used in other states. The Elevation working group is finishing up their charter. They have examined the current business case by Dept. of Natural Resources and will be migrating many of these findings into the Business Plan. A draft RFP for LiDAR collection will be shared at the coming meeting. An example map depicting potential phases of data collection and range of costs across Nebraska was shared.

**GIS Council Member Presentation** John Beran, State Surveyor's Office, provided the GIS Council Member presentation. The presentation addressed the history, role, and current activities of the State Surveyor's Office in relation to GIS.

**Updates from Member Agencies** Various member agency updates were provided. Visit the minutes for specific details.

**Membership and Officer Nomination Committee** The recommendation for the Member At Large seat was tabled by the NITC at the October Meeting. Additional information is being requested by the nominating committee for discussion on criteria for Member At Large and needs by the GIS Council. Vice Chair nominations are being sought for the GIS Council. Send your nominations to Mike Preston. Nominees will be voted on at the December meeting.

**Status of Geodetic Advisory Role** There has not been any more news or communication from NOAA about the state Geodetic Advisory roles. The Council will table this until additional information is provided by NOAA.

#### Motions

##### Motions Carried:

- The October 3, 2012 minutes were approved as presented.

##### Motions Failed:

There were no motions that failed.

<b>I. Roll Call and Quorum</b>	
<b>Members Present:</b> * <i>Authorized to Vote</i>	<b>Members Absent:</b>
<ul style="list-style-type: none"> <li>* <i>John Beran</i>, State Surveyor</li> <li>* <i>Chad Boshart</i>, NEMA/Military Dept.</li> <li>* <i>Karis Bowen</i>, DHHS</li> <li>* <i>Rose Braun</i>, Department of Roads</li> <li>* <i>Dick Clark</i>, Governor’s Policy Research Office</li> <li>* Eric Herbert, NACO</li> <li>* <i>Les Howard</i>, Conservation and Survey Div. – UNL</li> <li>* <i>Tom Lamberson</i>, Dept. of Environmental Quality</li> <li>Jim Langtry, USGS</li> <li>* <i>Kim Menke rep. Josh Lear</i>, Department of Natural Resources (Not authorized to vote)</li> <li>* <i>Suzie Fredrickson, Alt. Kyle Otte</i>, Nebr. State Patrol</li> <li>* <i>Jim Ohmberger</i>, Office of the CIO</li> <li>* <i>Sudhir Ponnapan</i>, Nebraska Game and Parks</li> <li>* Mike Preston, NE Geospatial Professional Assoc.</li> <li>* Mike Schonlau, Member at Large</li> </ul> <p><i>Italicized names are designees to council seats.</i></p>	<p>Lash Chaffin, League of Nebraska Municipalities            Tim Cielocha, Public Power Districts  <i>Nancy Cyr</i>, Legislative Research            Mike Hybl, Public Service Commission            Jeff McReynolds, Lincoln Metro Area            Kelly Mueller, NACO            John Miyoshi, NE Assoc. of Resource Districts            Gary Youell, Omaha Metro Area  <i>Ruth Sorenson</i>, Property Tax Administrator</p>
<b>NITC Representatives:</b>	Nathan Watermeier, GIS Council Coordinator; and Lori Lopez Urdiales, Office Services Manager, Office of the CIO
<b>Public Visitors:</b>	Jim Koch, Department of Revenue

<b>I-III. General Meeting Formalities (continued)</b>	
<b>Roll Call and Quorum</b>	The Chair, Mr. Ohmberger, called the meeting to order at 1:05 p.m. There were 14 members present at the time of roll call. A quorum (greater than 50% of voting members) existed to conduct official business.
<b>Introduction of Audience Attendees</b>	Public visitors were welcomed and were asked to introduce themselves if they wished. Visitors who wished to identify themselves as attending the meeting were to sign the visitor log and their name and affiliation would be reported in the minutes.
<b>Public Meetings Regulations and Posting of the Same</b>	The meeting notice was posted to the Nebraska Public Meeting Calendar on January 4, 2012. The meeting agenda was posted on the GIS Council website November 4, 2012. The Nebraska Open Meetings Act information was posted in the room for interested persons to review.
<b>Approval of Minutes from Previous Meeting</b>	The Chair, Mr. Ohmberger asked if there were any suggested changes or clarifications to the previous meeting’s minutes. There were no corrections. <b>Motion: Ms. Braun moved to approve the October 3, 2012 minutes as presented. Mr. Preston seconded.</b> Roll call vote: Ohmberger-Yes, Preston-Yes, Braun-Yes, Howard-Yes, Bowen-Yes, Clark-Abstained, Boshart-Yes, Beran-Yes, Fredrickson-Abstained, Ponnapan-Abstained, Lamberson-Abstained, Schonlau-Abstained, and Langtry-Abstained. <b>Results: Yes-8, No-0, Abstain-6. Motion carried.</b>

## IV. Working Group Reports and Discussions

## DISCUSSION

**Nebraska Geospatial Data Sharing and Web Services Network – Nathan Watermeier reporting for Jeff McReynolds.** Mr. Watermeier has been working on aspects for the Nebraska Spatial Data Infrastructure (NESDI). He has prepared definitions for data governance and stewardship as it relates to the NESDI. After which time, he will be sending Council members suggestions for the definition of stewards for discussion, review and approval. A technical sub-group has been meeting and investigating various technical items involving image caching, data organization, and hosting. The technical sub-group has identified image cache levels and will be working with Mr. Schonlau, Douglas County to conduct a test run of data.

**Street Centerline-Address Database - Rose Braun.** The Street Centerline Working Group met on November 6<sup>th</sup>. Present were Elliot Wood, Sue Vanicek, Rob Christiansen, Nathan Watermeier, Michael Niedermeyer, John Stavick, and Rose Braun. On the conference call were Suzy Fredrickson, Jeff McReynolds and Jim Koch. The Working Group reviewed and agreed on project goals, objectives and deliverable for the Street Centerline Project to be shared for input by the GIS Council. The group through Mr. Watermeier submitted these to the GIS Council for comment prior to the November 14<sup>th</sup> meeting. The deadline for Council member's review will extend through the next council meeting. The Working Group will continue to review standards and discuss the webinars by Ohio and Oregon on their Street Centerline Addressing projects. The Working Group established a technical group to begin working on the data model.

**Land Records – Eric Herbert.** The Working Group held a technical work day on November 2<sup>nd</sup> to work with data from five different counties. An attempt was made to load the data into the proposed land records data model. The attempt proved two major findings. The cadastral parcel data sets flow well when defined into a NSDI jurisdiction but for geodetic base reference it does not work well. There are different layers of data sets involved in the model. The geodetic base layer may need to be removed from the proposed model and possibly create a different geodetic control layer. The Working Group proposed that an inventory be conducted of what is currently out in the states, what levels of control exist and used in models. Additional geodetic control expertise needs to be involved in these discussions. The geodetic issues of guideline and control will affect how we approach the Nebraska Spatial Data Infrastructure (NESDI), as well as work from other Working Groups. Mr. Watermeier reported that the Working Group met with State Surveyor's office to begin discussions. Mr. Watermeier requested this topic as an agenda item for the GIS Council December meeting. Mr. Herbert asked the Council if there are other agencies that should be involved in addition to the State Surveyor's office. Ms. Menke will approach the Department of Natural Resources about their involvement. The Nebraska Game & Parks Commission was suggested. Mr. Braun recommended Ken Hartwig from the Department of Roads.

**Imagery – Mike Schonlau.** The Working Group has not met since September but will be meeting on December 3<sup>rd</sup> at NRD office in southwest Omaha. The meeting will focus on Douglas County's experience with imagery caching.

**Elevation (i.e., LIDAR) – Kim Menke reporting for Josh Lear.** The Working Group has met twice since the last GIS Council meeting (October 15<sup>th</sup> and November 13<sup>th</sup>).

Charter: Mr. Watermeier provided a second draft of the Working Group's charter for review. The group will review this draft and have comments back to Mr. Watermeier one week before the December 18<sup>th</sup> meeting. Mr. Watermeier will incorporate the comments and have a draft for review at the meeting.

Business Plan: The group reviewed a number of documents to help determine the best way to move forward including the latest draft of DNR's Business Case, FGDC Business Plan Guidelines, a copy of Kansas' Business Plan, and their Implementation Plan. The Working Group will write a Business Plan (as opposed to a business case) for the collection and development of derivative products using LiDAR. The department's business case will be used as supporting documentation. A subgroup of the full elevation Working Group will meet on November 15<sup>th</sup> to draft an outline for this plan. The goal is to have this plan approved by the council in the first part of April for projects which will fly in the fall of 2013.

Other: Mr. Watermeier will provided a draft RFP to the Working Group for review. This RFP would be used for future LiDAR acquisition projects. Mr. Lear provided a map of a phased statewide LiDAR

	acquisition project for discussion purposes. This map was designed to show within a set of financial and geographical assumptions, what a cost-effective approach to LiDAR acquisition might look like. Ms. Menke had the map available if members were interested in seeing it.	
<b>ACTION ITEMS</b>	<b>RESPONSIBILITY</b>	<b>TIMELINE / DEADLINE</b>
Prepare draft definitions for data governance and stewardship	GIS Coordinator	December 6, 2012
Review street centerline-address database business plan goals, objectives and deliverables	GIS Council Members	December 6, 2012
Follow-up on specific tasks associated to working groups prior to next meeting.	Working Group Spokespersons	December 6, 2012

<b>V. GIS Council Member Presentation</b>	
<b>DISCUSSION</b>	John Beran, State Surveyor’s Office, provided the GIS Council Member presentation. The presentation addressed the history, role, and current activities of the State Surveyor’s Office in relation to GIS. The presentation is located at: <a href="http://nitc.ne.gov/gisc/mtgs/docs/11-14-12/GISCouncilSSO112012.pdf">http://nitc.ne.gov/gisc/mtgs/docs/11-14-12/GISCouncilSSO112012.pdf</a>

<b>VI. Updates from Member Agencies</b>	
<b>DISCUSSION</b>	<p><u>Douglas County/City of Omaha, Mike Schonlau.</u> The NIROC Project is wrapping up the final details and getting the partnership agreements signed. The project now covers seven Nebraska counties and two Iowa counties and is on target for the Spring flight. Douglas County is in the process of upgrading the 911 software. This upgrade will involve Washington and Sarpy counties. Douglas County will need an address point layer which is not currently available so they will be developing a new data model for address points. Mr. Watermeier stated that a technical group has just began working on a statewide street centerline address model and wants to make sure collaboration occurs. Douglas, Sarpy, and Lancaster were invited to the first technical group meeting to discuss these modeling efforts.</p> <p><u>Office of the CIO/NITC, Nathan Watermeier.</u> A Southeast Community College student has designed the new NITC logo. The NITC adopted it at their October meeting. Mr. Watermeier used the logo for the executive summary of the strategic plan and will begin incorporating it over time in various resources. The college student is currently working on redesigning the NITC website including the GIS Council pages. The GIS Council non-state employees have been approved for an OCIO SharePoint license and should be receiving notification within a few weeks.</p> <p><u>Nebraska GIS/LIS Association, Mike Preston.</u> Mr. Preston reported that discussions have been focused on the upcoming 2013 symposium that will be held April 16<sup>th</sup>-18<sup>th</sup> in Kearney, Nebraska. More presenters are needed. The deadline to submit presentation proposals is February 1<sup>st</sup>, 2013. Pat Larson is working on the program for presenters. Tracks have been identified such as natural resources, public utilities, land and local government topics. In addition, the following new tracks have been identified including health, public safety and education. These tracks are in need of presenters. The group identified additional persons per track to help organize presentations.</p> <p><u>USGS, Jim Langtry.</u> USGS has some potential funding opportunities. The LiDAR work in Nebraska may be funded this year. Mr. Langtry presented funding possibilities at the Nebraska Natural Resources Districts Managers meeting last week. In addition, he has submitted a pre-proposal to their project review board.</p> <p><u>Conservation and Survey Division, Les Howard.</u> CSD has hired a Survey Hydrogeologist who will be working out of the North Platte office. Also, the data have been compiled and CSD has started production of the final maps for the 2012 Groundwater Level Monitoring Report.</p> <p><u>DHHS, Karis Bowen.</u> The agency had a successful GIS Day Display Oct. 24-31<sup>st</sup> that included work from UNL, USGS, City of Lincoln, NEMA, and DHHS. There was information available for the GIS/LIS Association and GIS Council. Ms. Bowen stated that she may have individuals who would be present</p>

for the Health track for the GIS/LIS Association Symposium. She will be in contact with Mr. Preston or Mr. Herbert.

Department of Roads, Rose Braun. The Data Inventory Section is using GIS tools to map the off system roads that have been added to the National Highway System because of the MAP 21 Bill that was passed. The Local Projects Division will be using these maps to see how the various 1<sup>st</sup> class cities will be affected by these changes. Because the new Census boundaries have recently become available, both the state and federal functional classification systems are being reviewed using GIS tools. The updated urban boundaries will be sent to the first class cities for their review and comments.

Nebraska Emergency Management Agency, Chad Boshart. The agency has been working with Mr. Watermeier on the NRIN (Nebraska Regional Interoperable Network) project in regards to local jurisdiction, information about radio tower leases and MOU's. NRIN is a statewide public safety communications system. Some presentations have been given to the local entities about the project. The agency has also has been working with Mr. Langtry regarding aerial imagery for Keith, Logan and Thomas counties, to be used for analysis and identify fire boundaries from the fires this past summer. Hopefully within the next year, maps will be developed to assist in determining potential fire areas.

**VII. Membership and Officer Nomination Committee**

<b>DISCUSSION</b>	<p>In Mr. Preston's absence, Mr. Watermeier provided the GIS Council Membership Report to the NITC at their October meeting. One of the Commissioners raised a question regarding his recommendation and interest in more industry representation on the Council. Mr. Watermeier explained that the Council established a Nominating Committee to set criteria and needs for the Member at Large seat and then recommended appropriate membership. The Nominating Committee looked at all nominees, as well as the representation of the Council, and made the recommendation. The NITC tabled the discussion and would like further information regarding the Nomination Committee's process and decision. Mr. Preston stated that the Nomination Committee will be meeting to discuss the NITC's request and document the criteria and needs so it can be communicated to the Commission. The information will be provided to the Lt. Governor for follow-up.</p> <p>The Nomination Committee needs nominations for Vice Chair. Vice Chair elections will be occur at the December meeting. Mr. Ohmberger will serve on the Council after his term has been completed, and revert back as the designee for the Office of the CIO. The Vice Chair automatically serves as Chair after one year. Council members were asked to submit their nominations for Vice Chair to Mr. Preston.</p>
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	RESPONSIBILITY	TIMELINE / DEADLINE
Provide criteria and selection for Member At Large seats to Commission for review	Nomination Committee	December 6, 2012
Submit nominations for Vice-Chair to Mr. Preston	GIS Council Members / Nomination Committee	December 6, 2012

**VIII. Status of Geodetic Advisory Role**

<b>DISCUSSION</b>	There has not been any more news or communication from NOAA about the state Geodetic Advisory roles. The Council will table this until additional information is provided by NOAA.
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	RESPONSIBILITY	TIMELINE / DEADLINE
Follow-up on information from NOAA about Geodetic Advisory roles	GIS Coordinator	Ongoing

**IX. Invitation for Public Comment from Attendees**

<b>DISCUSSION</b>	There was no public comment.
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**Meeting Conclusion**

**Adjournment**

Motion: Mr. Herbert moved to adjourn the meeting. Mr. Clark seconded. All were in favor. Motion carried.  
The meeting was adjourned at 2:07 p.m.

**Next Meeting**

The next meeting will be December 6, 2012, 1:00-3:30 p.m. at the Nebraska Department of Roads - Main Auditorium, 1500 Nebraska Hwy 2, Lincoln Nebraska.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Nathan Watermeier of the Office of the CIO/NITC.