



## **Nebraska State Records Board**

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**John A. Gale, Chairman**

### **APPLICATION FOR STATE RECORDS BOARD GRANT TO IMPROVE ACCESS TO PUBLIC INFORMATION**

- 1. Name of agency applying for grant :** Cass County NE
  
- 2. Grant amount requested** \$ 21,800
  
- 3. Title of project:** County WebGIS
  
- 4. Brief description of project:** The project includes building a WebGIS application that will link to the existing Manatron/TerraScan database in use in the Assessor's Office to promote online access to public records by citizens, businesses, other County departments and other local/county/regional/State agencies.

**Responses are required to all questions in Parts I & II and all associated documents that may be requested must be included in this submission in order to be considered for funding.**

The Nebraska State Records Board is sponsoring a grant program for Nebraska government agencies for the development of programs and technology to improve electronic access to Nebraska government information and services by citizens and businesses with emphasis on web-enabled services. The State Records Board has set the maximum amount of any grant awarded at \$25,000.00 for this grant period. The grants may be used for the creation or enhancement of electronic access and delivery of government services and information, but not to fund ongoing operations. Nebraska government agencies wishing to apply for these grants may want to first contact Nebraska.gov to establish feasibility and scope of the project.

**NOTE:** Loss of Funding. The NE State Records Board may be unable to award grant funds, in whole or in part, in the event funding is no longer available.

## Grant Criteria

Grant projects requesting funding must meet criteria #1-3.

1. Enhance the delivery of local government agency services and improve the public and business access to those services with emphasis on web-enabled services.
2. Meet the all applicable Nebraska Information Technology Commission Standards and Guidelines. State's technology access clause for providing equal access to services for persons with disabilities. A copy of the technology access clause is available at: <http://www.nitc.state.ne.us/standards/index.html> under 2. Accessibility Architecture.
3. If the project or service created or improved pursuant to the grant application involves the licensing, permitting or regulation of businesses, then the project or service must allow integration with the State of Nebraska's Business Portal at: <http://www.nebraska.gov/index.phtml?section=business>, and the One-Stop Online Business Registration System at: <http://www.nebraska.gov/osbr/cgi/domestic.cgi?/osbraapplication/init/init/None>.

**In addition, the following criteria will be considered when reviewing applications:**

- Does the project enhance the delivery of state/local government agency services and improve the public, government and business access to those services?
- Does the project enhance or create an online presence?
- Does the project span more than one office or agency?
- What is the size of the customer base for this service and the geographic impact?
- Is there financial and or in kind contribution from other partners?
- Is there documented community support for the project?

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## **Part I. Grant Detail**

- 1. Please describe the project in detail, to include your vision for the project (you may attach additional pages if necessary).**

Cass County has a robust GIS already in place which services multiple departments. They have an internal website that features some mapping with older technology but want to embrace WebGIS technology for increased information and functionality that will be accessed through the internet on a specific website designed for Cass County.

As an initial phase, Cass County's WebGIS will feature the core Assessor Tab plus additional departmental tabs for the Election Commissioner, Emergency Management and Planning and Zoning. The WebGIS will also be helpful to other entities in the Courthouse. The Clerk's Office will be able to field inquiries for information; the Treasurer's Office will be able to use it for tax inquiries. The Weeds department will use it for determining property owners and property location for spraying noxious weeds and issuing notices to landowners.

The Cass County Sheriff's Office has GIS-based dispatch technology and GIS Workshop currently maintains the County's 911 dispatching map. Installing the WebGIS will also assist dispatch during 911 calls and emergencies by providing easy access to aerial photography, site photos, site sketches and assessment database information for the property of interest. It will also benefit both fire and rescue departments to aid in their situational awareness when responding to emergencies.

The WebGIS will be developed and maintained by GIS Workshop, Inc. It will provide public access to query the assessment database by property owner, address, and parcel ID numbers. If the above are unknown, the WebGIS also includes an option to manually select a parcel and from the map to query the database.

The Cass County Board, Assessor, Election Commissioner, GIS Coordinator, Planning and Zoning Administrator and the Emergency Manager, other departments, cities and villages feel that this WebGIS will be useful by increasing efficiency for numerous County departments. The web-based environment also enables the general public to access this information at any time.

- 2. Please describe who the beneficiary or recipient of this service will be.**

Anyone interested in land records information for the County will benefit from this project. The County offices of Assessor, Clerk/Elec Commissioner, Register of Deeds, Treasurer, Emergency Manager, Sheriff, Roads, Planning/Zoning, Surveyor and Weeds will benefit from this program. Property owners, banks, insurance companies, appraisers, realtors and attorneys will have access to the property assessment and valuation information at no extra cost to them. Partner agencies such as the Natural Resources Districts, cities/villages and various State agencies will also benefit from easy access to

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County data. Efficiencies realized from 24/7 access will result in increased productivity and cost savings for both public and private entities.

**3. Based upon your answer to question 2, what do you project the adoption rate to be in 1 year, 3 years and 5 years?**

Based on input we have received from real estate professionals and other government agencies we believe the adoption rate of the WebGIS technology will be immediate. Numerous County department staff have attended Board meetings to express their support.

**4. Timeline for implementation of the project (a specific completion date (MM/YYYY) must be provided). Grant funds may lapse if not expended prior to completion date.**

GIS Workshop confirms the project to be completed no later than December 31, 2012 (12/31/2012).

**5. Does the project require additional statutory authority (explain)?**

No.

**6. Specify (in detail) what the grant money will be used for. Include a complete cost breakdown of the project. Please attach bids from vendors (if applicable) and describe the relationship, if any, between a vendor and you or your agency. *These documents are mandatory for the application to be considered for funding.***

We will contract with vendor GIS Workshop, Inc. to develop a WebGIS for Cass County. Attachment 1 contains an overview of the project in GISW's Proposal document. The Proposal is for development of a WebGIS site for Cass County, which will make information available 24/7. The total amount of grant money awarded to Cass County will be used to defray the following initial GIS development expense. See attached proposal by GIS Workshop for this project.

**7. Collaboration. Please specify in detail any other public or private contributions for your project (financial, labor, equipment etc.) from other sources. Identify contributors and/or partners and specific dollar amounts.**

The Cass County Assessor, the GIS Department, Election Commissioner, Emergency Manager and Clerk Offices will all be assisting in compiling information, data entry and maintaining current data to assure all information is correct and up to date. GIS Workshop will be designing and building the WebGIS, coordinating with the County and hosting/maintaining the site. Cass County Assessor, Election Commissioner, Emergency Management and Planning and Zoning staff will participate in GIS training provided by GISW.

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**8. Why is the grant money needed for the project and how will the service be sustained once the grant money is expended?**

The grant money is needed to allow the public access to important County information and to increase efficiency in the future. Cass County will agree to maintain the program and any fees that go along with it to keep the system up and running for future years through budgeting of this County-wide WebGIS project and by making it a priority.

**9. Should available funding not allow the NSRB to grant the full amount requested, but a reduced amount, would this project still be financially feasible?**

The full amount will be necessary to initially defray the cost to Cass County of implementing the GIS. The County fully anticipates being able to fully meet annual maintenance costs of the GIS after it is implemented.

**10. Please describe how this project will enhance the delivery of on-line government agency services and improve the public and/or business access to those services.**

The WebGIS application that is included as part of this project is a proven system for delivering tax assessment and related information. The application allows the user to submit queries to the Manatron/TerraScan database containing tax assessment information. The Property Record Card component of the WebGIS has several customized reports, derived from the Manatron/TerraScan database, containing land record information that are valuable to real estate professionals, citizens and other government agencies. The web-enabled application also shows photos and sketches from the Assessor's database.

In addition to textual database information and photos/sketches the WebGIS application also includes GIS data layers such as land use, soils and aerial photography which are all valuable for visualizing information associated with government records.

**11. Does the project involve the licensing, permitting or regulation of business?**

**If yes, explain how the project or service will allow integration with the State of Nebraska's Business Portal, located at:**

**<http://www.nebraska.gov/index.phtml?section=business>, and the One-Stop Online Business registration system located at: <https://www.nebraska.gov/osbr/index.cgi>**

No, this is not applicable to this project.

**12. Community Support. Please include letters of support to document the public expression that has caused you to implement this application.**

Attachment 2 contains numerous letters of support from the Cass County community.

- 13. If the grant is to create an on-line application, is the application to have a fee associated with its use for accessing public records, or is the application free for use by the public, businesses and other governmental agencies?**

As a result of the 2011 SRBG application discussions, GISW developed a subscription-based WebGIS option which would allow the County to offer advanced sales information on a subscription basis to end users such as realtors, bankers, insurance and other business professionals. The County has not yet made a determination if they will select the subscription-based option but will do this during the Scope of Work development process with GISW.

**If there is to be a fee, provide any statutory authorization for assessing the fee.**

The County has not yet made a determination if they will select the subscription-based option but will do this during the Scope of Work development process with GISW. Any fee will be consistent with other Nebraska Counties who are using a subscription-based format.

- 14. If the grant application is for a Geographic Information System project, do you and the agency you represent agree to share the data collected in that project, without costs, with other interested government agencies in the State that may have a need for such data?**

Yes.

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## Part II. Technical Information

### 1. Describe the hardware, software, and communications needed for this project and explain why these choices were made.

The construction of the Website is included in the fee with GIS Workshop. Cass County will purchase the additional years of maintenance fees. These fees include unlimited maintenance, which will continue to keep this program current and to continue to be beneficial.

Access to the data from the GIS program will be throughout the Internet. For persons that do not have Internet access, the Public Library supplies several computers for this service at no charge.

Cass County believes that this program is necessary to keep the public up to date and informed and to increase efficiency across all departments.

### 2. Address any technical issues with the proposed technology including:

- **Conformity with general accepted industry standards. Projects which interface with other state systems (such as distance learning systems) must meet NITC technical standards and guidelines. (The NITC standards and guidelines are located at: <http://www.nitc.state.ne.us/standards/>).**
- **Compatibility with existing institutional and/or statewide infrastructure.**
- **Reliability, security and scalability (future needs for growth or adaptation).**

The GIS will interface with the current Manatron/TerraScan (or any other CAMA provider selected in the future) database systems in use in Cass County today.

The systems and data constructed for this project will meet all the applicable NITC and FGDC standards for GIS data and metadata. The proposed software and data format technology is Esri-based. This is the industry standard GIS technology in Nebraska today.

The GISW WebGIS interface is in use in numerous Nebraska counties with proven reliability. Since it is based on Esri technology it is scalable and GISW continues to add features based on input from clients. The WebGIS application also has security features for layers that contain sensitive information and for protecting features such as the Land Use Calculator Tool from unauthorized use.

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- 3. Describe how the project will comply with the State's Technology Access Clause:** meet all applicable Nebraska Information Technology Commission Standards and Guidelines. Copies of the Standards are available at: <http://www.nitc.state.ne.us/standards/index.html>. **under 2. Accessibility Architecture.**

The WebGIS for Cass County will be built and designed by GIS Workshop, with adherence to standards established by the State of Nebraska. The digital map database has been developed using the Nebraska State Plane Coordinate System, NAD83 as per State/NITC guidelines. The system will comply with any other applicable NITC items.

- 4. Agencies submitting grant applications for funding of a Geographic Information System (GIS) project must in addition to the standard grant application complete and submit the *Supplemental Questionnaire for State Funded Entities on Land Record Information and Mapping-Related Grant Application* found on the Boards website page "Grant Information" at [www.staterecordsboard.ne.gov](http://www.staterecordsboard.ne.gov).**

The supplemental questionnaire has been completed and is attached to this application.

- 5. Describe how technical support will be provided.**

Cass County will be responsible for sending data updates to GIS Workshop. GIS Workshop will download a copy of the TerraScan CAMA data file every 24 hours to ensure that these data are up-to-date on the GIS Workshop server. GISW have dedicated technical support staff available at any time during business hours to service the County's needs. They will provide training, phone support and online support to help County staff quickly adapt to the new technology.

### **Part III. EXPECTATIONS**

It is the expectation of the Nebraska State Records Board that the grantee recognize the project as an ongoing effort to make public documents and or transactions more accessible. As this application relates to public documents the goal encompasses not only the availability of current documents as described in this application but the ongoing addition of new and updated documents in a timely manner. This goal recognizes the public's interest in not only historical information but the expectation that current data is obtainable. The Nebraska State Records Board recognizes that this is a long term commitment on the part of the grantee and anticipates the continued financial support of the grantee to maintain these expectations.

### **Part IV. STATE LAW COMPLIANCE**

Nebraska law, sections 4-108 through 4-114 state that no political subdivision of the State shall provide public benefits, to include grants or contracts, to a person not lawfully present in the United States. If this application is awarded in whole or in part, and during the time the grant is in effect, the undersigned, on behalf of the political subdivision grant applicant, by signing this grant application, affirmatively states and acknowledges that the political subdivision will comply with this law.

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**Supplemental Questionnaire for State Funded Entities on  
Land Record Information and Mapping-Related Grant Applications**

**Numbers refer to specific NITC Land Record Information and Mapping Standards**

*For a complete listing of these standards and guidelines please see:*

<http://nitc.nebraska.gov/standards/3-202.html>

- 1.1 Datum.** Local government multipurpose GIS/LIS (Geographic Information System/Land Information System) and their associated geospatial data layers should be based on the North American Datum (NAD) 83 and the North American Vertical Datum (NAVD) 88. Any existing systems developed based on other datums should consider conversion to these datum.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: All GIS data that are constructed or converted as part of this project will use the specified datums.

- 1.2 Projection.** The Nebraska Plane Coordinate System, NAD 83, should be used as the primary map projection system for the recording of positions in local land-data systems in Nebraska. Selection of any other projection should be done reluctantly and only after most careful consideration. The plane coordinate values for a point on the earth's surface may be expressed in either meters or feet.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: All GIS data that are constructed or converted as part of this project will use the specified projection.

- 1.3 Geodetic Control.** GIS/LIS systems developed with the goal of providing a multipurpose cadastre for local government use should be referenced to a local geodetic reference framework that is properly connected to the National Spatial Reference System (NSRS).

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The GIS data will reference the available geodetic control in the project area as gathered from the NE State Surveyor and/or County/local Surveyor.

#### 1.4 Public Land Survey System Control.

- 1.4.1 PLSS Geodetic Framework. For all land in Nebraska that is subdivided according to the Public Land Survey System (PLSS), the geodetic reference framework for the cadastre should be the section corners of the PLSS for each section.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: All applicable GIS data (cadastre based data) will reference and fit within the NE PLSS.

- 1.4.2 Locate, Monument, and GPS Primary Corners. At a minimum, local government entities developing a geospatial land information system should initially invest in a precision Global Positioning System (GPS) survey to locate, re-monument as necessary, and obtain the geographic coordinates of the major boundary defining corners that legally define the boundaries of their county jurisdiction(s). These precision GPS survey coordinates for the boundary defining corners should be collected and integrated as framework data into the land information system. This effort should be coordinated with officials from the adjacent county(ies) to ensure agreement on the location of the shared corners.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The project will utilize all available GPS based monumentation from NDOR, NE State Surveyor and the County Surveyor.

- 1.5 **PLSS Base Map**. Local governments considering the development of a multipurpose GIS, should consult with the Nebraska State Surveyor's Office to locate and access the best available data on the Public Land Survey System (PLSS) for their geographic area. To assist the State Surveyors Office in maintaining a repository of the best available PLSS data, local governments participating in the Nebraska Land Information System Program should share any enhanced PLSS data, for their geographic area, with the State Surveyors Office so that it might be integrated into the PLSS repository database.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The project will utilize all available PLSS data from the NE State Surveyor. Any new or reset PLSS monumentation/control will be supplied to the NE State Surveyor via the County/local Surveyor.

- 1.6 Ortho-base (Aerial Layer) or Base Maps.** Both a Public Land Survey System base map and an orthophoto (surface features) base map should be used to provide the geospatial reference framework upon which a local government multipurpose land information system is developed. Both base maps should be tied to the National Spatial Reference System and have a level of spatial accuracy appropriate to the range of applications planned for a given area.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The project will utilize the NAIP/FSA imagery as the base imagery and provide the necessary tie to the National Spatial Reference System. By using these data, the project by default will be provided with the necessary level of spatial accuracy.

**1.7 Map Scale and Spatial Accuracy.**

- 1.7.1 Minimum Horizontal Accuracy Standard.** Public entities developing a GIS/LIS program should conduct data collection and development in a manner to achieve at least the minimum level of horizontal spatial accuracy consistent with the National Horizontal Map Accuracy Standards corresponding to a 1:12,000 (1"= 1,000") scale map (90% of the "well defined" horizontal locations must be within  $\pm 33.3$  ft. of their real world location).

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The project will utilize the NAIP/FSA imagery as the source base map. These data meet or exceed the stated accuracy requirements, thus the GIS data constructed using these based map data will meet or exceed these stated minimums.

**1.8 Legal Lot and Parcel Layers.** Two graphic data layers are necessary to provide the foundation for a wide variety of local government GIS/LIS applications that involve land subdivision and/or ownership.

a). The legal lot layer consisting of legal land subdivisions. These are aliquot portions of the PLSS, filed subdivision plats and irregular tracts defined by filed deeds.

b). The parcel layer that defines ownership tracts of land. These tracts may group multiple legal lots into one taxable account and that typically represents the boundaries of a landowner's property. These data layers include locational coordinates for points representing property corners, lines between property corners representing property boundaries and closed polygons representing the property area.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: Where the source data exists, both layers will be constructed, if applicable to the project.

### **1.9 Parcel Identifiers.**

a). Each county/region should adopt a system of unique, permanent feature identifiers (PID) that provide the link between each graphic land ownership parcel polygon and the attribute information (ownership, size, situs address, value, etc.) related to that specific land ownership property parcel.

b). A county/region PID system must be designed in a manner such that a unique, statewide PID can be defined and maintained for each property parcel by using the county FIPS code (Federal Information Processing Standards Publications) as a prefix to the county/region's PID system.

c). To maintain this unique one-to-one association between a specific property parcel and its related attribution information, new PIDs should be assigned whenever a property parcel is altered by either splitting it into two or more parcels or by combining two or more parcels to form a new parcel. The previous PIDs should not be used for these new modified parcels, but the historical PID associations should be maintained through a parent/child PID reference table.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The PID system currently in use in the project area meets all three requirements.

**1.10 Spatial Data Format.** A broad range of state and regional applications require property parcel information. Many of these applications require the combining of data across jurisdictional boundaries. To facilitate these applications, the property parcel spatial (graphic) data should be either maintained in a manner that allows it to be readily integrated in a common geographic data format (i.e., shapefile) or be capable of being exported into a common geographic data format (i.e., shapefile), while including the parcel identifiers.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: The data will be maintained in a common format (Esri geodatabase or shapefile). Both these formats are Open GIS Consortium (OGC) compatible.

**Data Sharing-Data Integration.** A major focus of the State Records Board grant program is enhancing access to public records. Not only the general public, but also other public agencies benefit from facilitating access to public records. As noted in the NITC standard above there are numerous applications for which substantial benefits can be derived by integrating data across jurisdictional boundaries. Please describe whether your agency would be willing to share periodic updates of GIS-enabled property parcel data, such that other agencies might integrate that data into statewide or regional datasets to provide a resource for public agencies and the general public and any restrictions that you anticipate might apply. *(Note: this is not a current NITC standard, but is an interest of the State Records Board)*

100% compliance: Yes, these data may be shared.

**1.11 Metadata.** All geospatial land record databases, and their associated attribute databases should be documented with Federal Geographic Data Committee (FGDC) compliant metadata outlining how the data was derived, attribute field definitions and values, map projections, appropriate map scale, contact information, access and use restrictions, etc.

**Please describe how you would comply with this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: FGDC compliant metadata will be created as part of the project.

**1.12 Attribute Data.** To provide the foundation necessary for a wide variety of local government applications, non-graphic, attribute data should be organized within the GIS/LIS, which describes individual property parcels relative to their basic parcel characteristics, tenure, value, history, buildings and units within the parcel, and tax status. In most cases, much of this attribute data will already exist in separate databases within a variety of local agencies and should be tied to the graphic property parcel via the unique PID. To meet a range of state and regional applications that require property parcel information, the following types of property parcel data should be maintained (for every property parcel?) and (be) available in a manner that allows it to be harvested, translated, and integrated into a statewide property parcel attribute dataset.

- PID#..... Parcel identifier (county FIPS code plus local government PID)
- Situs Address..... Address of parcel (may be multiple fields)
- Owner Address..... Address of property owner (may be multiple fields)
- Township ..... Township #
- Section..... Section #
- Range ..... Range #
- Range Direction..... East or West
- Legal Description..... Narrative legal description of parcel
- Assessed Value..... Total assessed value of property (land and improvements)
- Land Value..... Assessed value of land
- Area (Deeded) ..... Area of parcel according to the deed
- Property Class ..... (Res, Ag, Com, Rec., Ind.)
- Property Sub-class ..... i.e., Ag (Dryland, Irrigated, Grassland/Pasture, Waste)
- Ownership type..... Federal, State, County, Private, Tribal, Exempt, Other and Unknown
- Tax District..... County ID plus Tax Dist. #
- School District ..... State number definition
- Landuse ..... Actual landuse with NPAT defined general categories
- Property Parcel Type... NPAT defined categories
- Status ..... (Vacant, Improved or Improved only) (NPAT defined)
- Location ..... (Urban, Sub-urban, Rural)(NPAT defined)
- City Size..... 1<sup>st</sup> class, 2<sup>nd</sup> class, primary, metro, or village
- Source Document..... Sales/transfer reference or document (book & page)
- Recording Date..... Most recent sales/transfer date
- Sales Value..... Most recent sales value

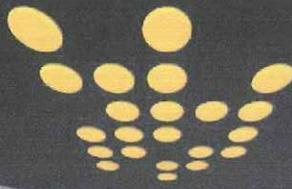
**Please describe how you would comply would this standard if you are awarded a Nebraska State Records Board grant.**

100% compliance: These data are already maintained and will continue to be maintained and may be readily "harvested" from the CAMA/Administrative database.

**Collaboration.** In most instances, the development of a local government GIS system and the related geospatial data involves a fairly costly initial upfront investment. These costs are frequently offset by the benefits gained through coordination and collaboration that an integrated GIS can bring to local government and related public entities. For example, with property parcel data and maps the County Register of Deeds, the County Surveyor, and the County Assessor all frequently maintain and make changes to aspects of this data and the data is also commonly used by local public safety agencies, local emergency responders, local transportation agencies and state agencies such as the Dept. of Revenue, Dept. of Roads, and Game and Parks Commission. Please describe the level and nature of any multi-agency/department involvement in the planning and proposed management of your proposed GIS system.

Numerous County departments (Clerk, Election Commissioner, GIS Coordinator, Register of Deeds, Roads, Treasurer, Weeds etc), along with the cities and villages, have expressed interest in collaborating and building upon our existing investment in GIS technology to enhance their service provision to the public. Both the city of Plattsmouth and the County partnered with GIS Workshop in commissioner redistricting projects this year and they want to make those district maps conveniently available to the public via the WebGIS. The devastating flooding that the County experienced during 2010 really emphasized the value of the already-existing GIS housed in the County; but, a web-based version of maps and data would have been invaluable to FEMA, local emergency responders and decision makers dealing with a crisis situation and public safety during the flood event. Our Natural Resource Districts actively support GIS development for the County to promote collaboration. With a population of over 25,000, close proximity to the Omaha area and a busy highway system, we believe the emergency management staff will find value in having immediate access to County mapping.

This project will promote public access to government records and enhanced collaboration between departments and other agencies.



# **Cass County, Nebraska**

## **ATTACHMENT 1: Proposal for County-wide WebGIS Site**

*Prepared for:*

*Robert VanDyne, GIS Manager*

**March 08, 2012**



**esri** Partner Network  
Gold

TABLE OF CONTENTS

PROJECT OVERVIEW ..... 3

ENTERPRISE WEBGIS ..... 4

ASSESSOR TAB DATA LAYERS ..... 5

SEARCHES (GET STARTED) ..... 6

MAP NAVIGATION..... 8

QUICK IDENTIFY TOOL..... 10

MEASUREMENT TOOL..... 11

PARCEL BUFFER TOOL ..... 12

WEBSITE MAINTENANCE ..... 13

WEBSITE DATA UPDATES..... 13

PROJECT SCHEDULE ..... 13

PRICING INFORMATION ..... 14

OPTIONAL ITEMS ..... 14

## PROJECT OVERVIEW

The Cass County GIS Manager, the Board of Commissioners and various other departments see the need to share GIS property data across all County departments and with the public through a new WebGIS solution. The County currently has a mapping website through GIS Workshop but seek to increase efficiency in the Departments' services by providing property information to the public in an internet mapping context. Cass County has established the Assessors' department as the foundation for subsequent departments within the County to participate in using GIS information by the development of a web-based GIS site. They wish to establish a WebGIS for the County with tabs for various departments to maximize the WebGIS.

The following additional departments have expressed an interest in being featured on the Cass County WebGIS site, with individual tabs:

- Assessor
- Election Commissioner
- Emergency manager
- Planning/Zoning

The following recommended layers and tools will appear on the new Cass County WebGIS Site. *Exact layer and features, per department, will be part discussions during the Scope of Work development after initial budgetary proposal is approved:*

### Requested Assessor layers:

1. Parcels (supplied from assessor)
2. Sections (supplied from assessor)
3. Landuse (supplied from assessor)
4. Latest FSA aerial imagery or best available imagery (supplied by GISW or County)
5. Streets and roads (centerline)

### Recommended tools on the Assessor tab include:

1. Search tool for property owner identification via the property card
2. Quick identify tool for one-click basic ownership information
3. Zoom in/out slider bar
4. Pan tool
5. Measurement tool (for measuring distances and areas)
6. Photo tool

### Requested Election Commissioner layers:

1. Parcels (supplied from assessor)
2. Sections (supplied from assessor)
3. Commissioner boundaries (supplied by County)
4. Voting precincts (supplied by County)
5. School districts (supplied by County)
6. Latest FSA aerial imagery or best available imagery (supplied by GISW or County)
7. Streets and roads (centerline)

Recommended tools on the Election Commissioner tab include those listed for Assessor tab.

Requested Emergency Management layers:

1. Parcels (supplied from assessor)
2. Sections (supplied from assessor)
3. Fire districts (supplied by County)
4. Rescue districts (supplied by County)
5. Explosives locations (**password protected layer**)
6. Hazardous Materials locations (**password protected layer**)
7. Latest FSA aerial imagery or best available imagery (GISW or County to supply)
8. Streets and roads (centerline)

Recommended tools on the Emergency Management tab include:

1. Search tool for property owner identification via the property card
2. Quick identify tool for one-click basic ownership information
3. Zoom in/out slider bar
4. Pan tool
5. Measurement tool (for measuring distances and areas)
6. Photo tool
7. Parcel buffer tool

Requested Planning and Zoning layers:

1. Parcels (supplied from assessor)
2. Sections (supplied from assessor)
3. Floodplain areas (from NDNR when available)
4. Wellheads (supplied by County)
5. Zoning maps (supplied by County)
6. Swine confinement (supplied by County)
7. Latest FSA aerial imagery or best available imagery (GISW or County to supply)
8. Streets and roads (centerline)

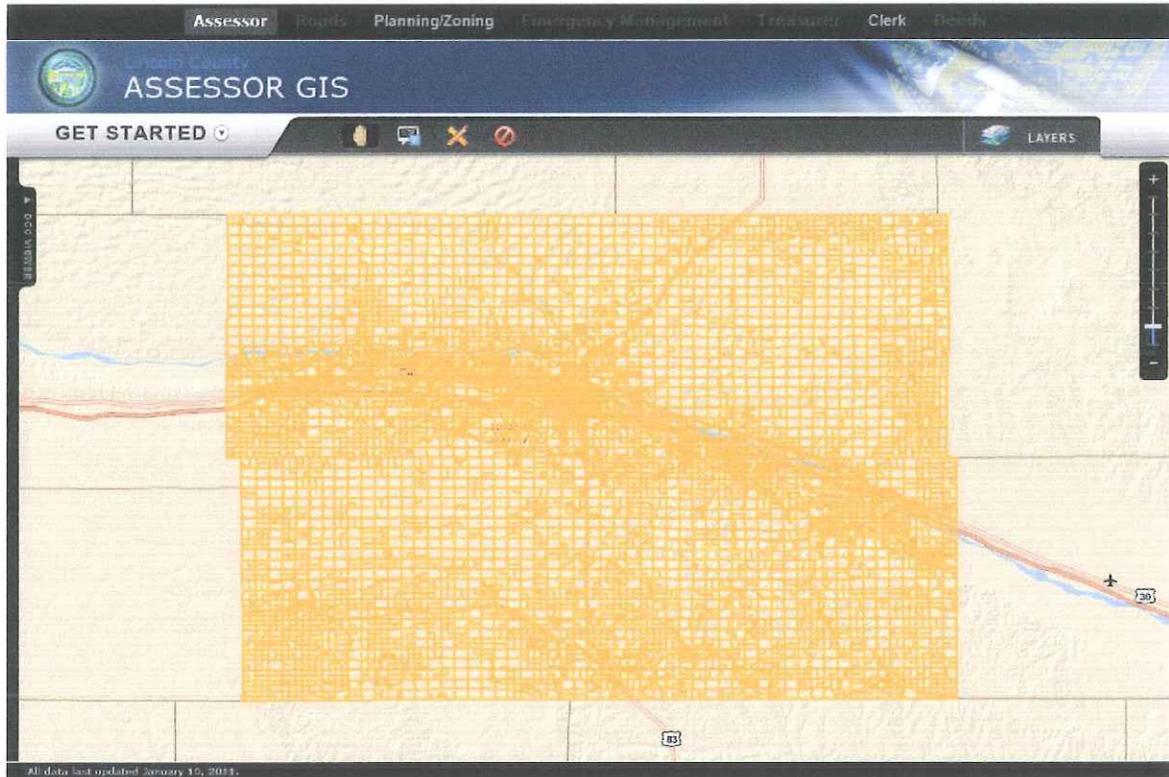
Recommended tools on the Planning and Zoning tab include those listed for the Emergency Management tab. Future tools will be added as they are developed by GISW.

## ENTERPRISE WEBGIS

GISW proposes to design and build an enterprise WebGIS for Cass County, NE, in which other departments within the County will build upon and integrate with the assessment GIS foundation in the Assessor's office. The system is designed to leverage the investment the County made in the assessment GIS to promote online GIS for multiple departments. If a County department is not "enabled" the icon is simply grayed out and unavailable. \*Note: assessment and appraisal data are tied to the Assessor support contract which is already in place, as is the Assessor tab on the WebGIS.

The Assessor tab is the first step in setting up the enterprise WebGIS for Cass County. The tab will feature the data layers and tools specific to the needs of the Assessment staff and general public interested in assessment information. The Assessor tab shown in Figure 1 below illustrates such features as property search capability, a property identification tool and various map layers of interest to the Assessor and the general public. The WebGIS

will allow anyone with Internet access to search for and look at maps concerning property ownership and sales information, assessment and appraisal data and any other data associated with future tabs. A subscription-based option is available for advanced sales data and photo/sketches, should the County elect that option.



**Figure 1: Opening screen (Assessor Tab) of GIS Workshop’s Enterprise WebGIS for Lincoln County, NE.**

Additional tabs for this WebGIS project will include Election Commissioner, Planning and Zoning, and Emergency Management. This initial budgetary proposal is for basic layers that have been identified as useful to each department and requested by the public. **These tabs, over time, will be enhanced to meet needs such as asset management and budget forecasting.** For example, the Planning and Zoning department currently has several maps available and those will start the Planning and Zoning tab. GISW provided redistricting services for the County and that new commissioner boundary map will start the Election Commissioner tab.

*The beauty of WebGIS is that it grows with each Department and continues to become an even greater asset and tool over time.*

**ASSESSOR TAB DATA LAYERS**

The default data layers include County parcels and public land survey system (PLSS) sections. The parcels will be labeled with their parcel ID (PID) when the user zooms in far enough for the PID to fit inside the parcel boundary. The PLSS section layer is mainly used to help with zooming to a specific section/township/range but it is available as a visible layer on the map.

The WebGIS opens to the Assessor tab with parcels and base map (includes road centerlines, political boundaries, and a shaded relief topography background) layers visible (as seen in Figure 1). The user can switch to a satellite view that includes 2010 FSA aerial photography (as seen in Figure 4).

SEARCHES (GET STARTED)

Complete property and sales information is available within seconds via the search features. Under the 'Get Started' drop-down menu, find a property options include owner name, parcel ID, address, or legal description. Sales data may be filtered by date range, price range, year built, or other pertinent parameters. Figure 2 illustrates the 'Get Started' options. Figure 3 shows the results table after searching for "Smith" in the owner name field. Figure 4 shows the results of selecting a property. The map has zoomed into the chosen parcel and the parcel polygon is highlighted.

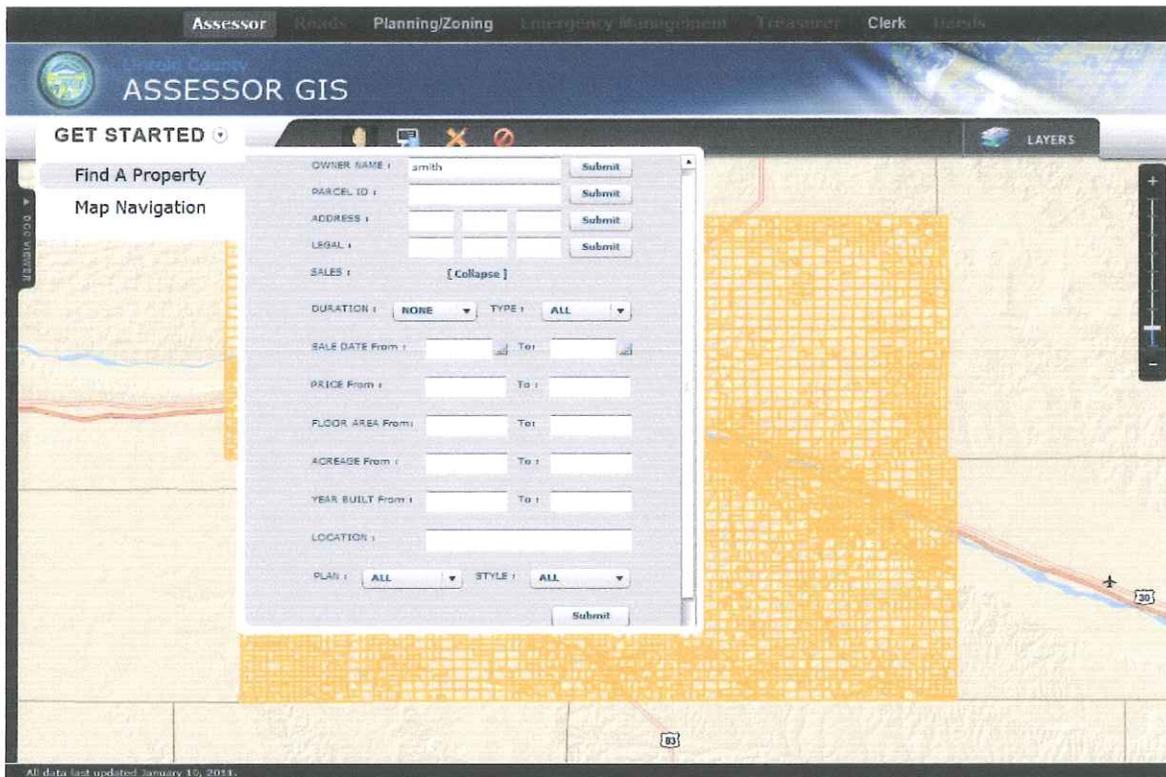


Figure 2: Assessor tab showing property search box

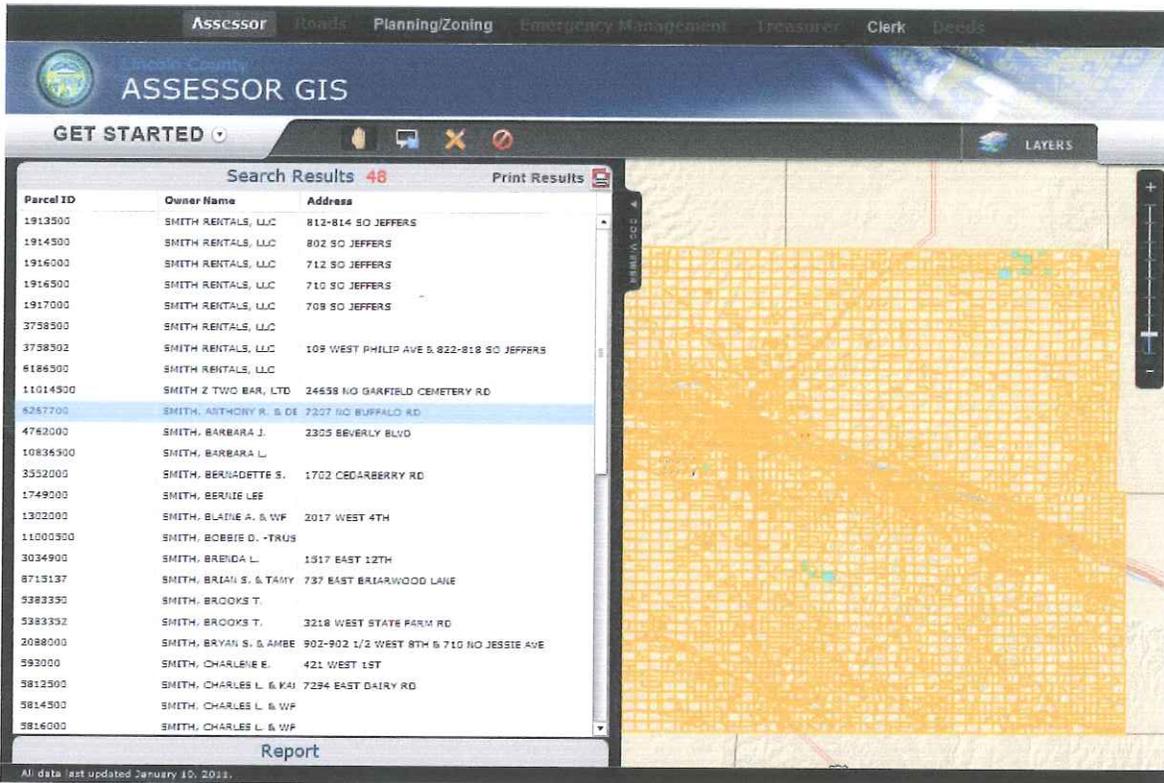


Figure 3: Property search results

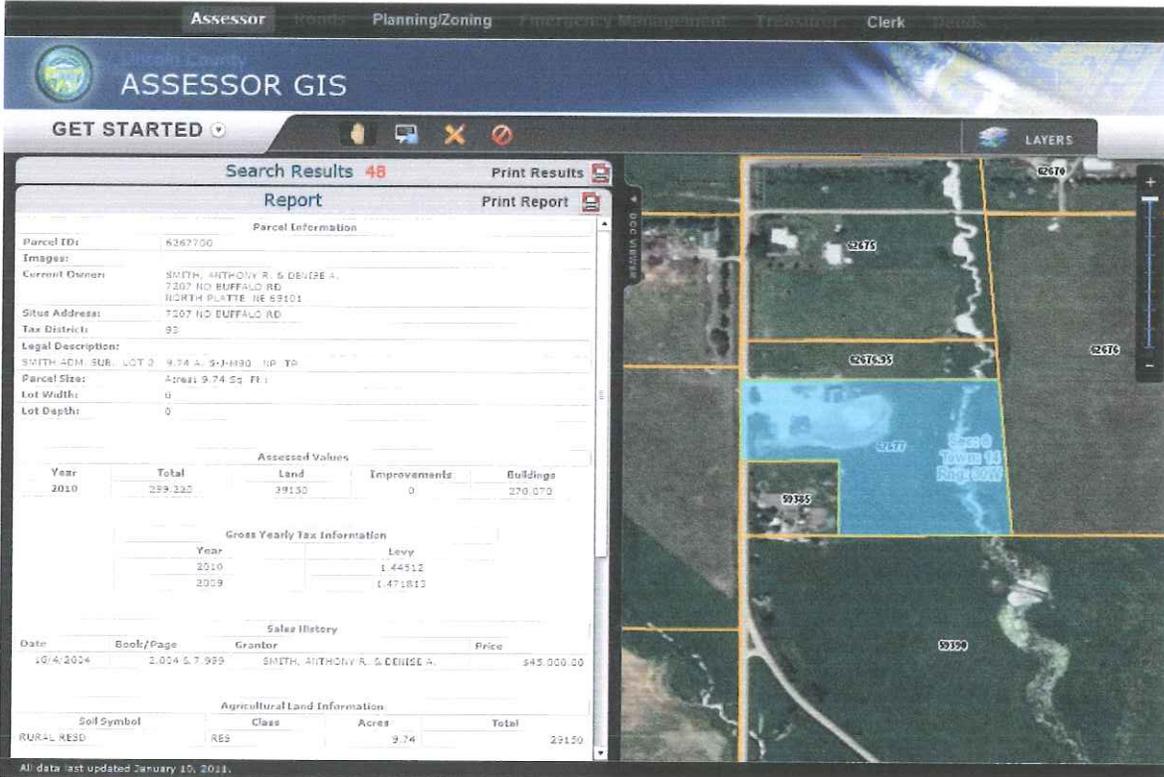
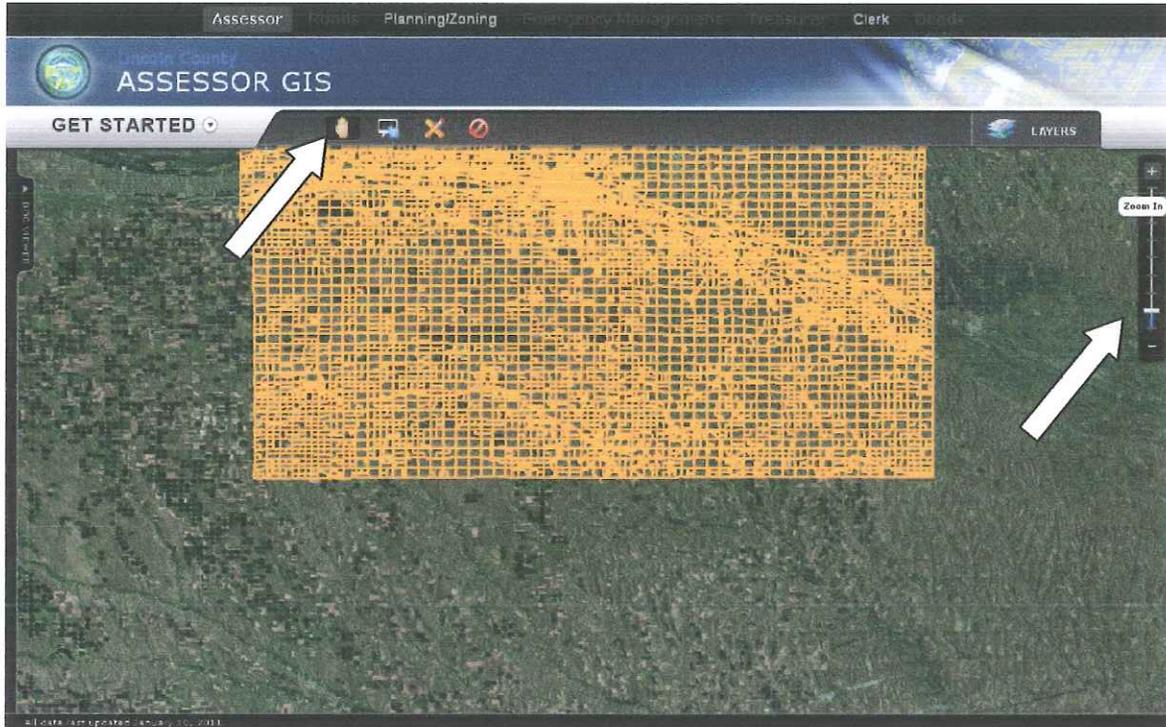


Figure 4: Property Record Card (note the map zoomed in and highlighted the chosen parcel)

## MAP NAVIGATION

A slider bar for general zoom in/out viewing is available at all times. Additionally, under the 'Get Started' drop down menu, the map navigation option allows the user to 'zoom to section/township/range'. Easy panning or the ability to move the map around is possible via the pan tool icon located in the toolbar. Figure 5 illustrates the zoom slider bar and pan tool (hand icon).



**Figure 5: Zoom slider bar (right side) and activated pan tool icon (hand) in horizontal toolbar**

Figures 6 and 7 illustrate the Map Navigation feature. The user enters a specific section/township/range and then the map zooms into the specified section.

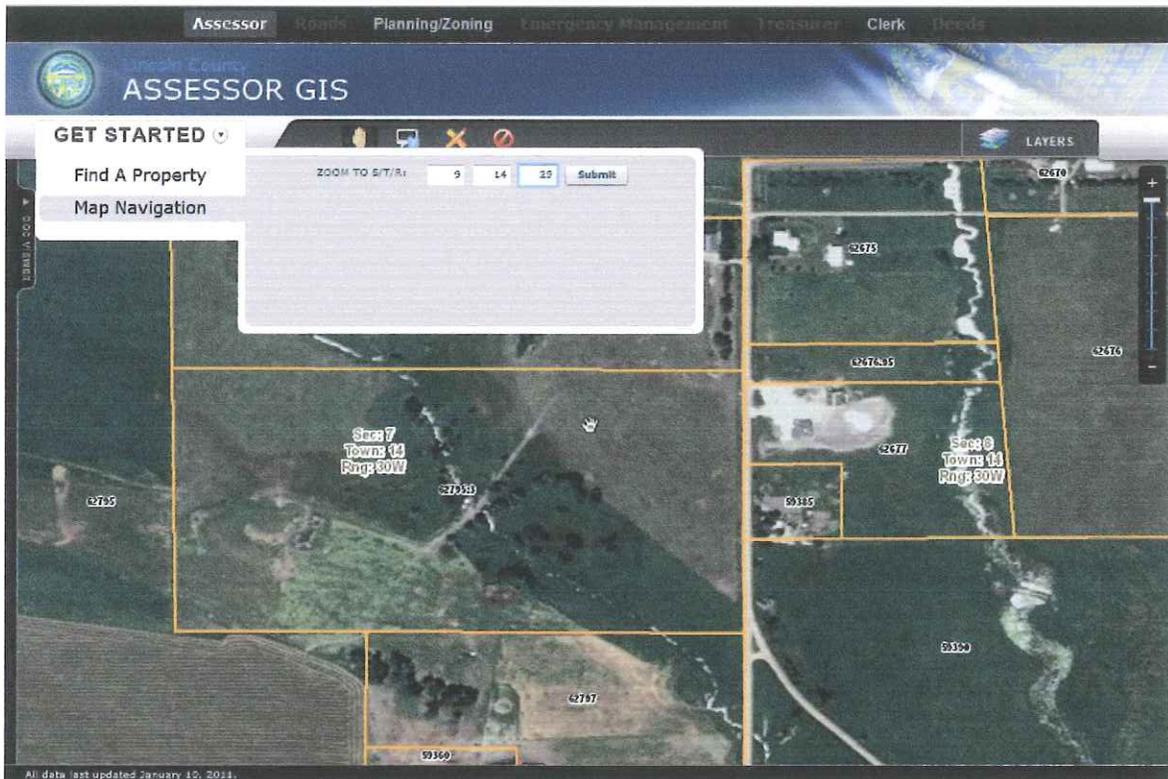


Figure 6: User enters section/township/range

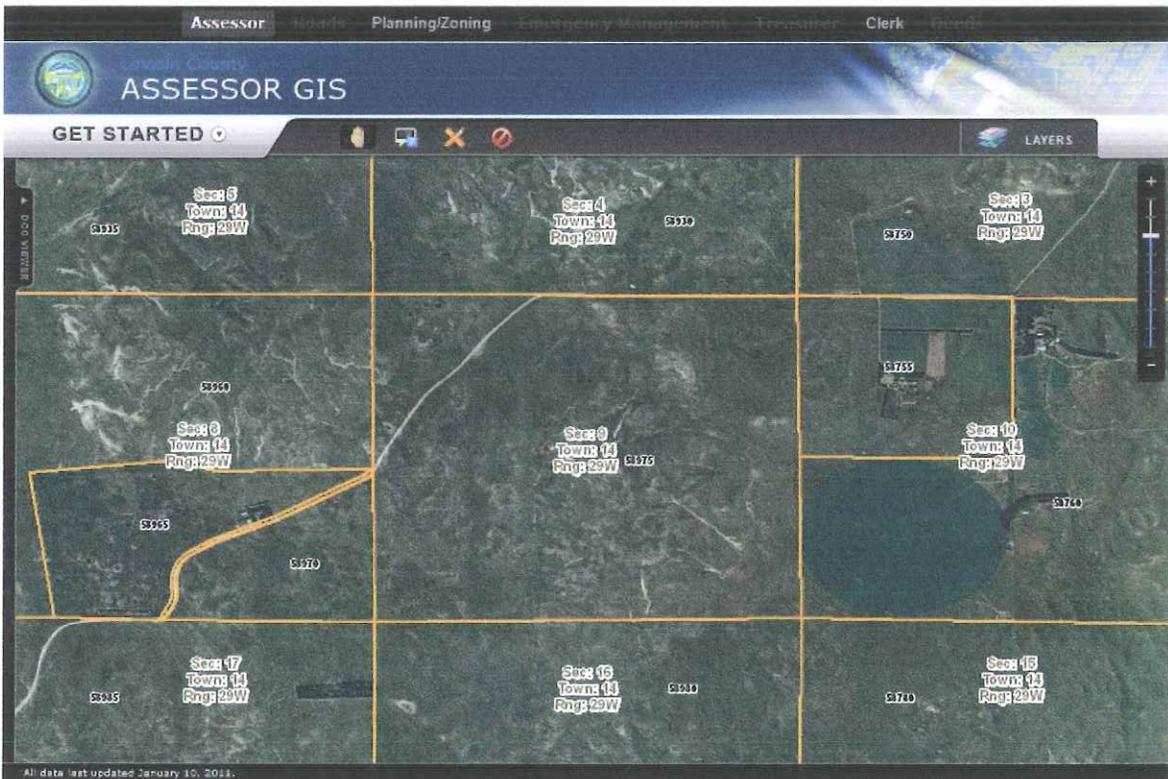


Figure 7: Application zooms into the specified section

QUICK IDENTIFY TOOL

The quick identify tool allows a user to click inside a parcel on the map to see a pop-up window appear with basic parcel, owner name, and address information. The quick identify tool is shown In Figure 8 below. Property card information is also available through the identify tool.



Figure 8: Activated Quick Identifier tool and information box result with link to Property Card

MEASUREMENT TOOL

Length (feet, meters, miles, and kilometers) and area (acres, square feet, square meters, square miles, and square kilometers) measurements can be easily performed via the measurement tool. Using this tool, simply click at the starting point and double click at the ending point to measure a length or draw a polygon by clicking at each vertex location to measure the area. The total measurement appears in a box at the top of the screen as seen in Figure 9 below.

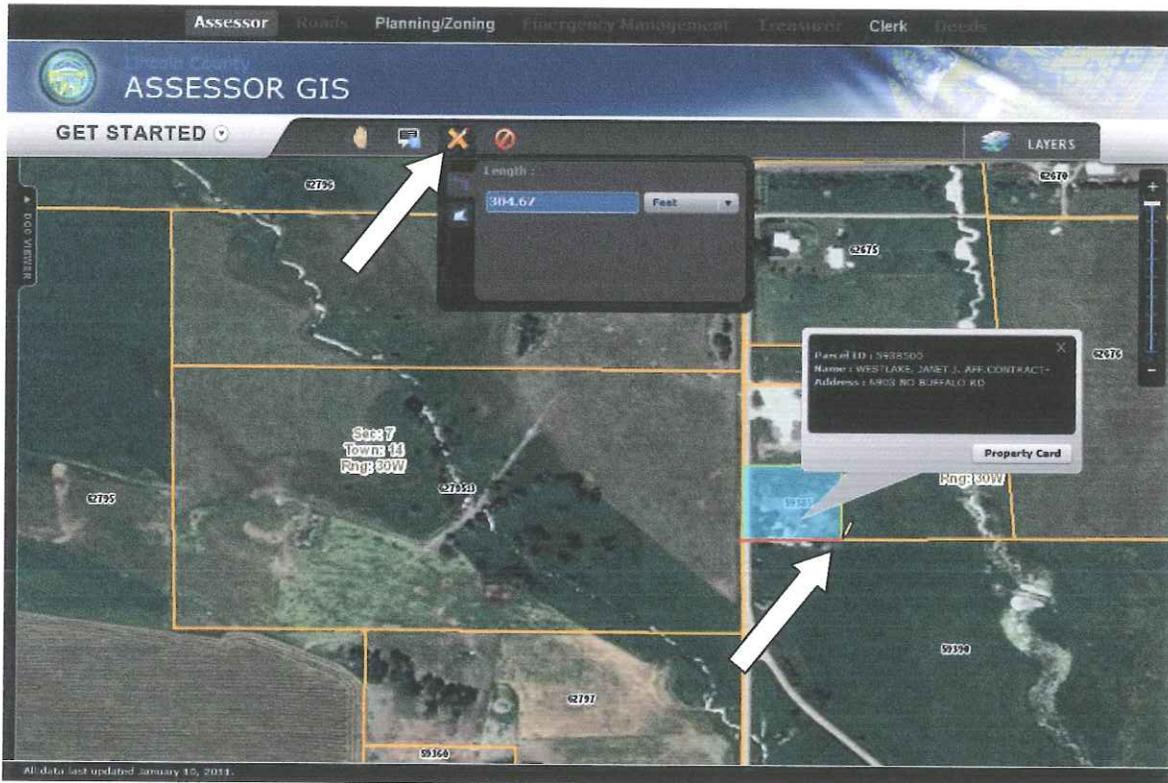


Figure 9: Measurement tool showing total length of the user-drawn line segment along the parcel boundary.

PARCEL BUFFER TOOL

The Planning and Zoning and Sheriff/Emergency Management tabs feature an additional parcel buffer tool. The buffer tool identifies property owners within a user-defined radius (feet or meters) of a selected parcel. This information is available as a report that can be printed to a PDF document. Figures 10 and 11 illustrate the buffer tool functionality.

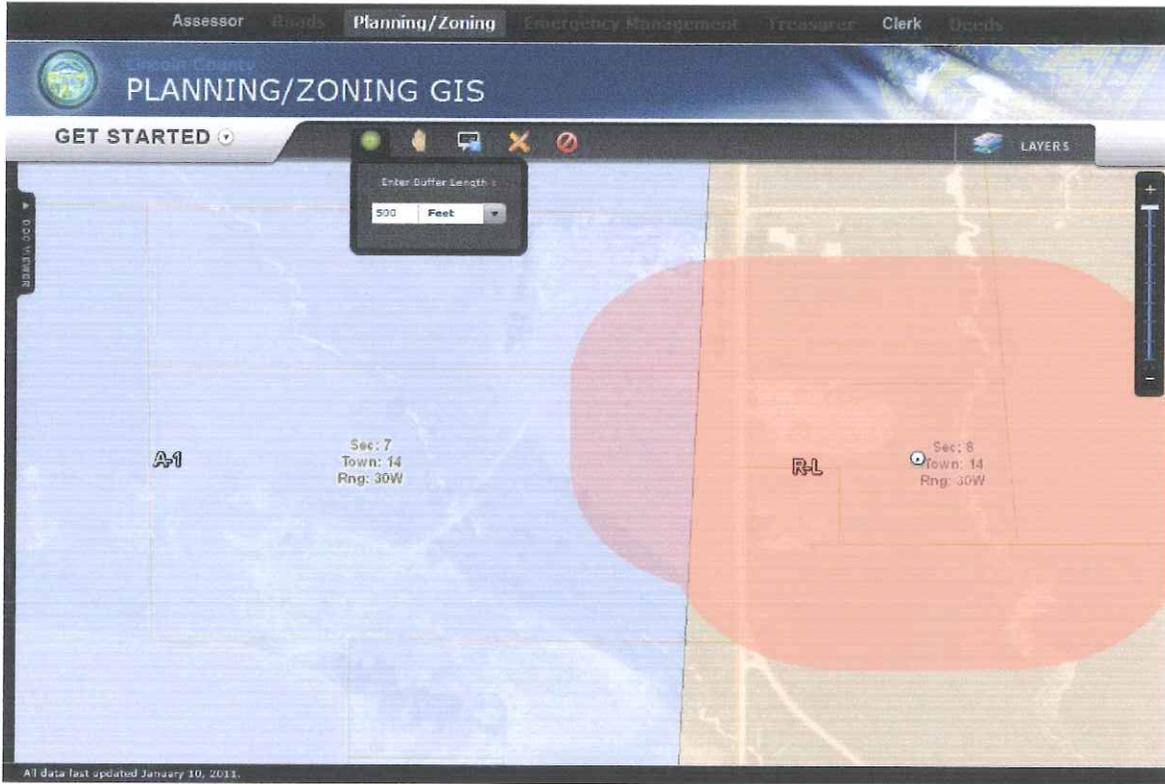


Figure 10: Activated Buffer tool with 500' radius result around the chosen parcel

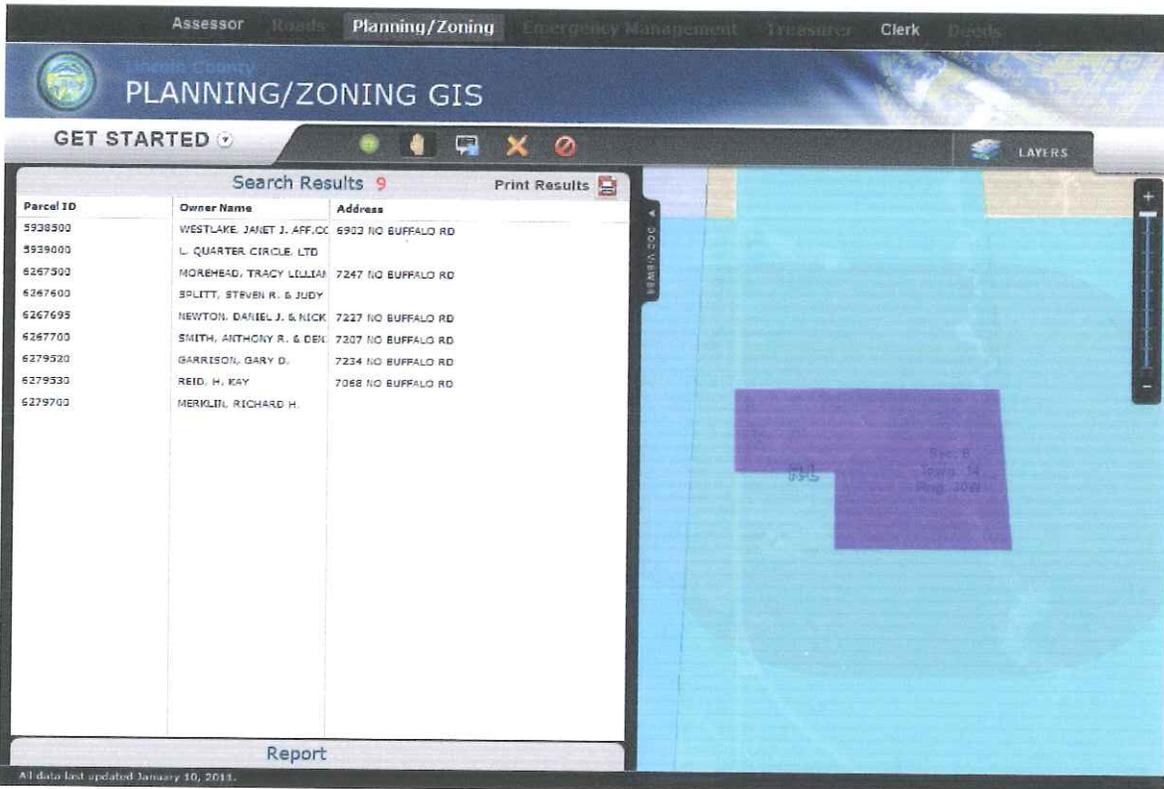


Figure 11: Property owner search results from the buffer analysis

### WEBSITE MAINTENANCE

GIS Workshop will house the WebGIS on our redundant servers for Cass County. Maintenance fees will be payable annually in July of each year, effective July 2014.

### WEBSITE DATA UPDATES

A copy of the assessment data is updated every night from the County assessor's TerraScan CAMA database to provide current property data. Updates to individual map layers on the Election Commissioner, EM and Planning/Zoning tabs will be sent to GISW for updating on a schedule determined by each individual department with GISW or as coordinated between GIS Workshop and the GIS Manager.

### PROJECT SCHEDULE

The GISW team is ready to develop the Cass County WebGIS project after acceptance and receipt of a signed contract according to the tasks described in this proposal. We anticipate project **completion to occur December 31, 2012 or earlier** after contract execution based on the above outlined steps. Because of our reliance on various County offices to perform certain steps in the project, we cannot be held liable for any delays in delivering the final product.

**PRICING INFORMATION**

The following provides the total and detailed costs for the services and deliverables described in this proposal. Variations and/or additions to those tasks, features, or services stated within are subject to additional costs. Any change orders must be documented, signed by both parties and added as an addendum to this scope with the additional costs for said change order added to the following costs.

Deliverable	Cost
<b>Cass County WebGIS</b>	
Assessor tab (set-up at no cost) and year 1 maintenance .....	\$4,800
Election Commissioner tab set-up and year 1 maintenance .....	\$5,000
Planning/Zoning Tab set-up and year 1 maintenance .....	\$5,000
EM tab set-up and year 1 maintenance .....	\$7,000
<b>Total Upfront Costs</b>	<b>\$21,800</b>

*NOTE: Any awarded Grant funds will be applied to the total cost above and any amount in excess will be the responsibility of the County.*

Ongoing Maintenance Costs (billed in January 2014)	Cost
Annual WebGIS maintenance (Assessor tab):.....	\$4,800
Annual WebGIS maintenance (Election Commissioner tab):.....	\$2,500
Annual WebGIS maintenance (P&Z tab):.....	\$2,500
Annual WebGIS maintenance (EM tab): .....	\$3,500
<b>Total Annual Maintenance Costs effective January 2014</b>	<b>\$13,300</b>

**OPTIONAL ITEMS**

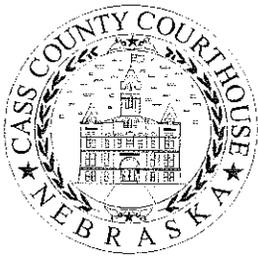
<u>Additional annual maintenance for subscription-based option on assessor tab</u> .....	<u>\$1,500 annually</u>
<u>Subscription-based management tool</u> .....	<u>included</u>

**Nebraska State Records Board**

**APPLICATION FOR STATE RECORDS BOARD GRANT  
TO IMPROVE ACCESS TO PUBLIC INFORMATION**

**ATTACHMENT 2:**

**LETTERS OF COMMUNITY SUPPORT  
FROM CASS COUNTY, NEBRASKA**



**GIS Office, Cass County Nebraska**  
**346 Main Street - Plattsmouth, Ne. 68048**

---

Phone (402) 296-9354 Fax (402) 296-9318 Cass County Website [www.cassne.org](http://www.cassne.org)

March 3, 2012

Nebraska State Records Board

To the Committee Members of the Nebraska State Records Board:

This letter is being written on the behalf of the citizens of Cass County, Nebraska. First I like to say that after 38 years of employment in county government I can still say that it has been my greatest pleasure to be serving the people of this great county. Having the responsibility of updating cadastral maps with pen and ink during the 70's I can assert to the time saving capability of a geographic information system, but none have been so great as the ability to represent ones data in map form via a GIS Website.

Our county board over the years, both past and present have expressed an ongoing desire to provide the public with information that would assist in their daily routine. The Board recognizes that citizens and businesses work, live and play in a time sensitive environment that seems to be more restrained every day. The ability to access data online at any given time is an asset to the public and provides the user with the ability to resolve an issue, plan a project, become informed, print maps, etc. Saving money is a priority in every ones lives today and accessing data from your home or office certainly saves time, fuel and increases your productivity. The County will also see the reward with less foot traffic in the office and employees time better spent on projects at hand without interruptions.

As the GIS Coordinator for Cass County it is my intent and desire to communicate with the city and villages regarding the possibility of incorporating data layers that are pertinent to their jurisdiction into our GIS Website. City and Village Zoning is one endeavor that I have already begun. As a test project and with the County Boards permission I have already completed the zoning layer for the City of Plattsmouth and it is under review by them at this time.

I have also collaborated with several other villages and have acquired their zoning maps for the same purpose. It is through this project that I intend to open a line of communication, participation and collaboration on future projects. This endeavor to incorporate the city and villages into the County GIS Website has been well received; however, I informed them that financial restraints would be the leading factor that must be considered. Certainly agreements and a strong working relationship will be required.

Cass County would like to thank you for your review and consideration of our application.

Sincerely

A handwritten signature in black ink that reads "Robert Van Dyne". The signature is written in a cursive style with a large, prominent "R" and "V".

Robert Van Dyne  
Cass County GIS Coordinator



# Home State Bank

*Serving you since 1915*

218 Main Street  
PO Box 429  
Louisville, NE 68037  
PHONE 402-234-2155  
FAX 402-234-2458  
[www.hsbonline.com](http://www.hsbonline.com)

March 6, 2012

Nebraska State Records Board

To Whom It May Concern:

Home State Bank supports Cass County's request for grant assistance to develop a new GIS website for public use. As a major lending institution in Cass County, our employees would regularly use this website to access property information. We use the public records to gather information for several reasons, particularly to determine property ownership when processing loan requests. Another reason we need access to these public records is for zoning reasons. This website would allow our employees access to an accurate, consistent and trusted resource.

County's residents would also benefit from having internet access to the GIS website without having to drive up to 60 miles round-trip to the court house in Plattsmouth.

Thank you for your consideration of grant funds to Cass County to develop a new GIS Website for public use.

Sincerely,

David C. Pankonin  
President

# VILLAGE OF EAGLE

INCORPORATED 1891

---

540 C STREET / PO BOX 130  
EAGLE, NEBRASKA 68347  
OFFICE 402-781-2748  
FAX 402-781-2775

March 8, 2012

To: Nebraska State Records Board

The Village of Eagle supports Cass County in preparing a grant application to acquire funds to assist in developing a new GIS Website for public use.

The Village of Eagle frequently uses the GIS/Property Lookup & Map Site to assist our local government and residents with reliable information. The Village of Eagle is able to access important information such as property owners, legal descriptions and property tax information without having to call the Cass County Courthouse or drive to Plattsmouth for assistance. Eagle is located approximately 42 miles from Plattsmouth and access to the website is critical to our daily needs. This information is available 24/7 to serve our community and allows our office to be more efficient by saving both time and money.

As Cass County continues to grow, this website will provide a positive collaboration between the county, its cities and local government entities.

Sincerely,



Donna Stevens  
Village Clerk



# Nebraska State Legislature

SENATOR R. PAUL LAMBERT

District 2  
State Capitol  
PO Box 94604  
Lincoln, Nebraska 68509-4604  
(402) 471-2613  
plambert@leg.ne.gov



## COMMITTEES

General Affairs  
Health and Human Services  
Nebraska Retirement Systems  
Urban Affairs

March 7, 2012

GIS Office  
346 Main Street  
Plattsmouth, NE 68048

To Whom It May Concern:

I am writing in support of Cass County's application for funds, with which to develop a new public GIS website.

Plattsmouth is the seat of government for Cass County. As a former city councilman and mayor of Plattsmouth, I endorse the county's efforts to develop a new GIS website, because it will help county residents and elected officials to answer questions and solve problems by looking at data in a way that is quickly understood and easily shared.

Legislative District 2 includes portions of Otoe and Sarpy Counties, and all of Cass County. In the past this office has needed information about each of the counties that can best be obtained through the use of GIS technology. To this point the information from Otoe and Sarpy Counties has been far superior to and, therefore, more useful to my staff and me than the information that has been provided by Cass County. The ability to obtain improved information from Cass County will benefit the District 2 office and the people it serves.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Paul Lambert".

Senator R. Paul Lambert  
District 2



MICHAEL C. BOWMAN,  
MAYOR  
ERVIN PORTIS,  
CITY ADMINISTRATOR

# City of Plattsmouth

136 North 5<sup>th</sup> Street  
Plattsmouth, Nebraska 68048-1922  
(402) 296-2522



SANDRA J. MEYER,  
CITY CLERK  
PEGGY A. WILSEY,  
CITY TREASURER

March 7, 2012

To:  
Cass County GIS Office  
346 Main Street  
Plattsmouth, NE 68048

Re: Proposed GIS upgrade

To Whom It May Concern,

As the Plattsmouth Building Inspector and Zoning Administrator, I use the Cass County GIS website on a daily basis. It provides accurate information and allows me to serve the citizens in a prompt, concise manner.

On a regular basis, potential homebuyers, developers, and business people will come into this office armed with information from the GIS website, confident in their research and ready to make an investment in the community.

The website has also enhanced an already wonderful working relationship with the various county offices. Communication and collaboration are simplified, allowing all the communities and the courthouse to cooperate and make Cass County even better.

A handwritten signature in blue ink that reads "Kevin Larson".

Kevin Larson  
Plattsmouth Building Inspector



MICHAEL C. BOWMAN,  
MAYOR  
ERVIN PORTIS,  
CITY ADMINISTRATOR

# City of Plattsmouth

136 North 5<sup>th</sup> Street  
Plattsmouth, Nebraska 68048-1922  
(402) 296-2522



SANDRA J. MEYER,  
CITY CLERK  
PEGGY A. WILSEY,  
CITY TREASURER

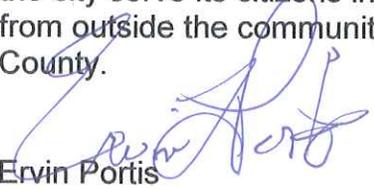
March 7, 2012

To:  
Cass County GIS Office  
346 Main Street  
Plattsmouth, NE 68048

Re: GIS upgrade

To Whom It May Concern,

Cass County's GIS service is a valuable tool used on a daily basis by the City of Plattsmouth. From code enforcement to economic development, the GIS website helps the city serve its citizens in a timely and accurate fashion, as well as providing people from outside the community an opportunity to learn more about Plattsmouth and Cass County.

  
Ervin Portis  
City Administrator

336 Main St  
Plattsmouth, NE 68048

**Wm. C. Brueggemann**  
**Sheriff**  
CASS COUNTY

402-296-9370  
FAX 402-296-9390  
Crime Stoppers  
1-800-527-3699

March 7, 2012

To: Nebraska State Records Board

To Whom It May Concern:

I am writing in support of the grant application for the re-design of the GIS/Property Lookup and Mapping Website for public use in Cass County.

As a law enforcement agency, it is important to be able to access information on this website easily and efficiently 24 hours a day/7 days a week. The information obtained on this website offers the ability to research owner information, addresses, legal descriptions of properties for things like search warrants, property distress warrants, information for Sheriff's sales and for our deputies to locate hard to find address, just to name a few. Accessing this website saves vital time when responding to emergencies in out of the way locations where someone's life or property could be in jeopardy.

Thank you for taking your time to review my letter and if I can answer any questions or provide additional information, please do not hesitate to contact me.

Sincerely,



William C. Brueggemann, Sheriff  
Cass County Sheriff's Office

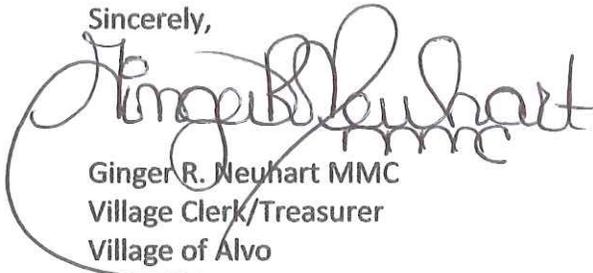
VILLAGE OF ALVO  
P.O. BOX 408  
EAGLE, NE 68347

March 17<sup>th</sup>, 2012

To: Nebraska State Records Board

The Chairman and Village Board of the Village of Alvo wish to express their support for Cass County to apply for a Grant through the Nebraska State Records Board to be used to improve access to Public Information by developing a GIS/Property Lookup & Map Site Web Service. This would be very helpful for the Village of Alvo to be able to lookup property information when needed to add in utilizing our Comprehensive Plan, reviewing Building Permit Applications, annexation of properties and several other duties handled by the Village of Alvo. It is very important to have public access to Cass County data 24/7 and would save us and our Citizens time and the expense by being able to access the public website anytime and not have to actually drive to the Courthouse in Plattsmouth every time we need property information. This would allow the Village of Alvo to be more efficient in our duties and save the Village time and money. By utilizing this website it provide for the opportunity for the Village of Alvo and Cass County to collaborate by being able to view city/county zoning, water lines, fire hydrants, street & alley vacations, and annexations. This would also help all communities in Cass County. This letter serves as the Village of Alvo's Letter of Support for this project. If you have any further questions, you can reach me at (402) 786-2312 or e-mail me at [gingern@citywaverly.com](mailto:gingern@citywaverly.com).

Sincerely,



Ginger R. Neuhart MMC  
Village Clerk/Treasurer  
Village of Alvo

20 March 2012

To: Nebraska State Records Board

As a member of the Greenwood Rural Fire District board of directors, I am in support of the GIS/Property Lookup and Map Site Web Service.

As a rural fire district, our fire fighters rely on the Cass County Sheriff's office for dispatch services in times of emergency. To have this type of information at the dispatcher's fingertips on a 24/7 basis is very important. Obviously the electronic availability is the essential component.

Also important is the ability to have public access to such information for not just the rural areas but also for the incorporated towns in the county. That public access will aid fire service providers as they preplan their response, with the result being better service to their taxpayers.

The grant that the Cass County GIS Office is seeking will be very beneficial in improving services to the emergency responders through out the county.

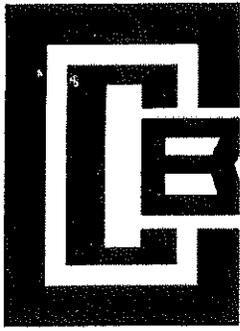
Thank you for your consideration in this matter.

Sincerely,

A handwritten signature in cursive script that reads "Eric J. Rasmussen". The signature is written in black ink and is positioned above the printed name.

Eric J. Rasmussen

Greenwood Rural Fire District Board Member.



# Cass County Bank

2020 W. 8<sup>th</sup> Avenue - PO Box #430  
Plattsmouth, Nebraska 68048  
Phone (402) 296-3333 Fax (402) 296-3348

Member FDIC

Equal Housing Lender

March 21, 2012

Nebraska State Records Board  
c/o GIS Office  
346 Main Street  
Plattsmouth, NE 68048

This letter is written in support of the GIS/Property Lookup & Map Site Web Service.

Our bank uses the current website in a variety of ways. We use the assessor's information to make a preliminary review of properties that our customers are interested in purchasing or refinancing. This site helps us to determine the approximate value of the property and many times the general condition. The mapping function helps us to determine the location and the general neighborhood the property is located in, assisting us in making a physical inspection. Having this information early in the lending process allows our loan officers to be more efficient and to engage in meaningful discussions early in the relationship.

The site is also useful in the servicing of our loan portfolio. The treasurer's information is valuable in monitoring the payment of real estate taxes. We are able to identify potential stress much earlier and are able to be in contact with our customers to ensure situations do not get out of control. We hope that our monitoring efforts help to keep citizens of Cass County in their homes.

The 24/7 access to the information not only saves our institution time and expense for research, it also makes the county offices more efficient by reducing the multitude of phone calls that would come to the office regarding information that can be found on the website.

Upgrades to the system to more easily move from office to office will allow the entire process to be more efficient and cut down further on the time and expense associated with calls to the various county or city employees.

Sincerely,

Julie A. Schmale  
Senior Vice President

446 Main St.  
PO Box 340  
Plattsmouth NE 68048

*Plattsmouth State Bank*

Member FDIC

Phone (402) 296-BANK (2265)  
Fax (402) 296-5164

March 7, 2012

Re: GIS Property Lookup & Map Site Web Service

To: Nebraska State Record Board,

On behalf of Plattsmouth State Bank, we would like to offer our opinion on the County's web Service and how important it is.

The loan department uses the assessor valuation page when we are considering doing a real estate transaction for a customer. The site gives us valuable information that is used in the initial determination of a loan. From this page we are able to determine the physical condition of the property (if the photo is current), the size, how the customer took title, tax id number and a handful of other useful information. Without this page we would be relying solely on the title insurance company to give us basic property information.

This website is used almost daily by the loan department. We use it to confirm that the taxes have been paid on our property used for collateral. We use it for our escrowed loans to update the amounts that change yearly.

It is a useful page but would be even better if it had comparable sales listed. I know the county assessor's office has a computer for public use but it can be somewhat cumbersome and does not always list the different types of property we are looking for. It saves time and money to have access to this information and is available 24/7.

Also on some property, "adjusted structure costs" have been updated but the photo itself is greater than 8 years old.

Sincerely,



Terri Anderson

Executive Assistant

Plattsmouth State Bank

tanderson@plattsmouthbank.com

## Village of Greenwood

---

619 Main Street • PO Box 190 • Greenwood, NE 68366 • 402.789.2300

March 27, 2012

To: Nebraska State Records Board –

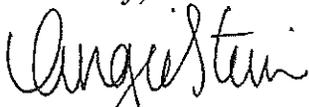
Please accept this letter of support for Cass County to acquire grant funding through the Nebraska State Records Board for the purpose of developing a new GIS/Property Lookup and Map Site Web Service for public use. The Village of Greenwood utilizes the current site on a weekly, if not daily, basis and we believe that an update of the current site would provide for an even greater opportunity to access relevant information.

We are especially excited about the opportunity to work in collaboration with the county on the addition of local zoning on the new site, allowing for further data sharing. Having this information available to the public for review will allow for our office to be more efficient and productive as I can now direct the public to the County's site for answers to their questions.

If you have any questions, please contact the Village office at 402.789.2300.

Thank you for your time.

Sincerely,



Angie Stein

Village Clerk/Treasurer

**MCHUGH & MCHUGH**  
ATTORNEYS AND COUNSELORS AT LAW

OFFICES IN  
CORN GROWERS STATE BANK  
333 NEBRASKA STREET  
P.O. BOX 405  
MURDOCK, NEBRASKA 68407-0405

LYNN D. MCHUGH  
EDWIN T. MCHUGH, 1915-2004

TELEPHONE  
(402) 867-2141

March 17, 2012

Cathy Danahy, Executive Director  
Nebraska State Records Board  
440 S. 8<sup>th</sup> St., Suite 210  
Lincoln, NE 68508-2294

Re: Cass County, Nebraska's Grant Application  
to improve its GIS/Property Lookup & Map  
Site Web Service

To: Nebraska State Records Board

This letter is written in very strong support of the above-described grant application submitted to you. As the senior member of this law firm located in central Cass County (but; just about 30 miles and 30 minutes from the courthouse), I assure you it is often critical and sometimes urgent to our clients that we are able to access our county officials' public information on a 24/7/365 basis.

Although I combine trip purposes as much as possible, I estimate my law practice requires me to travel 3,000 miles per year to my own courthouse. We make this approximately 60 mile round trip to the courthouse in Plattsmouth just about 50 times a year. Although there are times when the trip is made 2 – 3 times in a given week, there are also some weeks in which we do not make a single trip to the courthouse in Plattsmouth (but this is a rare occurrence).

I count my lucky Irish stars every time a client's needs can be met simply by reference to our county's current website (but this only educates the client to access the information themselves and so limits the amount of my future reasonable attorney fees). Although this website already provides great access to the county assessor's parcel information for planning, this data is not sufficiently detailed for many other purposes.

The true ownership of any given parcel of real estate and its legal description are not contained in the county assessor's records. I expect it would save me 1,500 – 2,000 miles per year if the deeds, mortgages and other miscellaneous records on file with the register of deeds office were "imaged" and accessed online from the county's GIS/Property Lookup & Map Site Web Service.

With each and every enhancement to this county's GIS/Property Lookup & Map Site Web Service, we become better equipped to provide the legal services and advice needed by our clients to make important personal decisions. Although not ideal, we are "pressed" by our clients to advise them of their property rights and/or draft legal documents overnight more often than one might think.

Cathy Danahy, Executive Director  
Nebraska State Records Board  
March 17, 2012  
Page 2 of 2

This is not the only law firm serving clients located, or owning property, in Cass County, Nebraska. There are other attorneys with offices just as distant from the courthouse in Plattsmouth as mine. Those located in Cass County, Nebraska are found in Elmwood, Louisville, Union and Weeping Water. If they have not written in support of this application, it is only because they are unaware of it.

Should you have any questions or feel I can provide further input in support of Cass County's application, please let me know. Thank you.

Sincerely yours,



Lynn D. McHugh



**CASS COUNTY DEPARTMENT OF ROADS**  
**LEONARD THORNE - HIGHWAY SUPERINTENDENT**  
13860 12<sup>th</sup> STREET  
PLATTSMOUTH, NE 68048  
PH: 402-296-9353 FAX: 402-296-9360  
E-MAIL: [roads@cassne.org](mailto:roads@cassne.org)

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March 6, 2012

Nebraska State Records Board

RE: GIS/Property Lookup & Map Site Web Service

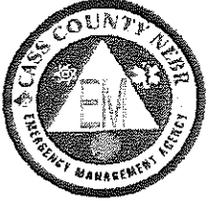
To whom it may concern;

I am writing in support of the GIS/Property lookup & Map Site Grant Funding for Cass County. Our office is not located in the Courthouse therefore our Department does not have the convenience of on-site records that are easily accessible which complicates our researching abilities.

With the collaboration of City and County data sharing along with the 24/7 availability we will be able to be more efficient when gathering information needed to access road information such as vacations, right-of-way, and property ownership. It is also our hope that once the information is completely accessible we will be able to use the GIS/Map site look up to its fullest potential.

Respectfully,

Lenny Thorne

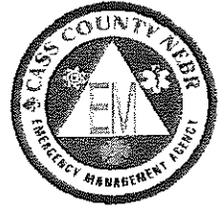


**Cass County Emergency Management Agency**

**8400 144th St. Suite 200**

**Weeping Water, NE 68463-0195**

**(402) 267-6765 O. (402) 267-7945 F.**



Sandra L. Weyers  
Director

Shelia Peterson  
Chief Deputy Director

Jacob Blunt  
Administrative Officer

March 19, 2012

To: Nebraska State Records Board

To Whom It May Concern:

Cass County Emergency Management is writing this letter in support of the GIS Office receiving grant funding to improve access to public information. This would help our office in several ways. It would allow us to use the information in disaster situations and would make things more efficient and cost effective. It would allow us to share information with our responders and our citizens when life and property is at stake. We would be able to share information across jurisdictions in times of major disasters. It would allow us to use our resources and be more productive as an emergency management agency and coordination center for the 14 cities and villages within the county as well as the 14 volunteer fire departments and rescue squads throughout the county.

Sincerely

A handwritten signature in cursive script that reads 'Sandra L. Weyers'.

Sandra Weyers  
Director, Cass County Emergency Management Agency

15 March, 2012

To: Nebraska State Records Board

This letter is to support the acquisition of funds needed for Cass County, NE to develop a new GIS Website for public use.

I serve as the Floodplain Manager for the Village of Cedar Creek, NE. The duties include the assessment of ;accurate property locations, of property owners, of tax assessed valuations, of year constructed. The Cass County public use site allows me to obtain this information without physically visiting the county records offices. This a saving of time and cost. Additionally, since my position is considered part time, I may review the floodplain development permit and above identified public records at times of the day or night when the county offices are not open .

The processing of Floodplain Development Permits needs to be timely and accurate. The ability of the community to provide residents with access to flood insurance depends on a Floodplain Manager's evaluation of data that is current and accurate, or the governing agency , Federal Emergency Management Agency (FEMA) may penalize the community.

I support the development of the new website to support me and my assigned duties with current, accurate and easily accessible information.

Sincerely,

Charles W. Paukert, P.E., CFM

**CITY OF LOUISVILLE**

PO BOX 370, 210 MAIN ST., LOUISVILLE, NE 68037  
PHONE 402-234-7605 OR 7705 FAX: 402-234-2221  
city@louisvillenebraska.com

March 1, 2012

Nebraska State Records Board

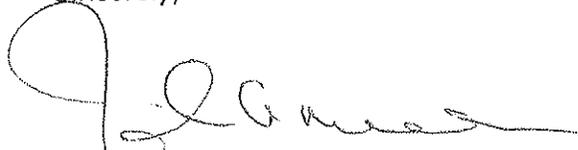
To Whom It May Concern:

The City of Louisville fully supports Cass County's request for grant assistance to develop a new GIS website for public use. As a City within Cass County, our employees and elected officials would continually use the website to access information. We use the public records to gather information for various reasons, particularly for property ownership for nuisance reasons and liens. Another reason we need access public records is for zoning reasons. This website would save time and gas money by not having to drive to the county courthouse. The City sees the potential to collaborate by adding its own information, such as water lines, alley vacations, etc. to the website to further enhance its effectiveness.

Besides City employees and officials, it would also be very helpful for our City's residents to be able to access county records 24/7 and not have to drive to Plattsmouth to obtain this information.

Thank you for your consideration of grant funds to Cass County to develop a new GIS Website for public use.

Sincerely,

A handwritten signature in black ink, appearing to read "John A. Mueller". The signature is written in a cursive style with a large initial "J".

John A. Mueller, Mayor  
City of Louisville

**CITY OF WEEPING WATER**  
**P.O. BOX 329**  
**WEEPING WATER, NE 68463**  
**402-267-5152**  
[kg33101@windstream.net](mailto:kg33101@windstream.net)

March 7, 2012

Robert Van Dyne  
Cass County GIS Office  
346 Main Street  
Plattsmouth, NE 68048

RE: Letter of Support

Dear Mr. Van Dyne:

The City of Weeping Water would like to offer a letter of support in Cass County's venture in seeking grant funds to assist in developing a new GIS Website for public use.

Having public access to GIS/Property Lookup and Map Site Web Service has proven to be a valuable asset to the Weeping Water's city governmental operations in the following ways:

1. We are able to obtain access to an address approved by the Postal System of numerous individuals for whom we have no other way of looking up an address.
2. This system has helped the city locate property owners of vacant property to assure compliance with city health code and city maintenance issues.
3. We have been able to quickly obtain exact legal descriptions and to collaborate between the city and county to assist in various zoning/property transactions, street/alley vacations and special assessments.
4. This system saves a considerable amount of time and money for the City of Weeping Water as it allows instant access to the necessary information without having to leave the office, allowing city officials to operate more efficiently.

An updated web site would further enhance the present system and increase each user's efficiency.

Sincerely,



Kay Gerdes  
City Clerk

13708 S. 18th St.  
Bellevue, NE 68123

March 23, 2012

Nebraska State Records Board  
440 S. 8th St.  
Lincoln, NE 68508-2294

Dear Nebraska State Records Board:

I am writing to you in support of the GIS/Property Lookup and Map Site Web Service for Cass County. Having quick and convenient access to a web site is much more convenient than driving to the Courthouse or waiting for a weekday for the same information as the hobby that I enjoy operates only on weekends.

A few years ago I began skydiving at the Lincoln Sport Parachute Club in Weeping Water. We wanted to improve our static line student training program with better aerial maps of the dropzone rather than symbols for the road and runway. When I volunteered for this task I went to search for the Cass County's online GIS system. Unfortunately it had not yet been converted to a website and was only accessible to those employed by Cass County. Although Bob was able to provide us aerial maps of the dropzone and we thank him for helping us, a website one click away would have been much more convenient because it is always available, even after business hours. We also would have used it to estimate the distance between two buildings to determine whether we would need to install antennas to connect both buildings to the same Internet gateway.

I highly value access to information over the web as it is always available. Access to this information for residents and businesses should as convenient as the largest counties in Nebraska. Thank you for taking the time to read this letter of support. If you have any questions on how we would like to use the GIS please contact me at 402-218-1489.

Sincerely,

Cory Becker

# Cass County Nebraska Economic Development Council

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March 22, 2012

Mr. Robert Van Dyne  
346 Main St.  
Cass County GIS Office  
Plattsmouth, NE 68048

Dear Mr. Van Dyne:

This letter is written as support of your grant application to acquire funds for creating a new GIS website for public use in Cass County, Nebraska. It will be much more efficient to have a County GIS website that is more user friendly, and continues to offer 24/7 access to public information. Updates that will share data from various departments will be very helpful, and allow more efficiency by both the various department staff and by the public users.

The GIS site provided timely and valuable information for us as we do land and building data searches for our economic development projects. We absolutely do find this an essential tool in determining site or building ownership, geographic size, zoning information, and basic mapping of details. We know you continue to get additional information that is not always incorporated in the current GIS site, and we hope this grant application allows you to continually provide up to date information, that will be available to everyone.

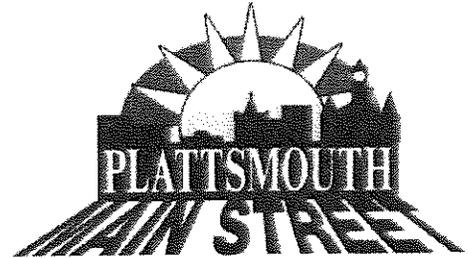
We appreciate your efforts to be more effective in providing this technology to the public. We believe this will save time and money for the businesses & residents in Cass County. If I can be of further assistance, please contact me at 402-978-7909.

Sincerely,



John Yochum  
Executive Director  
Cass County Nebraska Economic Development Council

Harlan Seyfer  
Historian, Plattsmouth Main Street  
Plattsmouth City Hall  
136 North 5<sup>th</sup> Street  
Plattsmouth, NE 68048  
March 17, 2012



Dear Nebraska State Records Board:

I am writing in support of funding the Cass County GIS/Property Lookup & Map Site Web Service.

As Historian for Plattsmouth Main Street Historic District (my office is in the Plattsmouth City Hall), my job is to document the history of structures and property within the District as designated on the National Register of Historic Places (NRHP) by the U.S. Department of the Interior. In addition to this role, I often assist in the preparation of nominations for the NRHP Inventory elsewhere, primarily in Plattsmouth, but also in Cass County.

This work often occurs during non-business hours, on evenings and weekends, due to the limited availability of the property owners, who have day-jobs. Hence access to GIS records is critically needed 24/7, during "off hours."

Currently a trip to the GIS Office is required to research property information. For property not located in Plattsmouth, online access would indeed be welcome, providing savings in both time and travel expense.

Availability of information in digital form online would facilitate documentation of NRHP nominations through "cut and paste" and help eliminate transcription errors.

For these reasons, I urge you to move forward on providing funds to improve access to the public information maintained by the Cass County GIS office.

I should add that working with the Cass County GIS office has been a pleasure in addition to being fruitful. I applaud their initiative to improve services to their users.

Sincerely,

A handwritten signature in black ink, appearing to read 'Harlan Seyfer', written over a white background.

Harlan Seyfer  
Historian  
Plattsmouth Main Street  
136 North 5th Street (south entrance of city hall)  
(402) 296-5544 (office & fax)  
(402) 415-9405 (mobile)  
HistorianPlattsmouthMainStreet@gmail.com

March 12, 2012

To: Nebraska State Records Board

I am writing in support for Cass County to obtain grant money to support it in its GIS/Property Lookup & Map Web Service. This service that the county offers is a great service for the citizens of the county as well as many companies that need to gather data on properties that are located in Cass County.

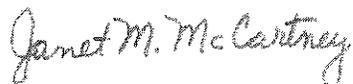
During my 8 years of serving as a Trustee on Sanitary Improvement District #5 aka Buccaneer Bay, I used the Cass County GIS services many times to track property owners, as well as property values and descriptions of the properties. The map option has been very helpful in finding properties as well as being able to apply the various layers.

The fact that the GIS site is available 24 hours a day has been a great time and money saver for me. It is often after court house hours when I need to do my research and having this available online with easy access from my home computer saves me needing to take time off of work to make sure I can get to the court house before it closes. I can easily print off the information I need right on my home printers, which saves me time, as well as saving the county time from having to print something for me.

I am now serving as a Cass County Commissioner and as I get calls from my constituents with complaints regarding their property or roads in their area, it is easy for me to find their location via the GIS site first. This helps me know where they are located so I can drive out and take a look at the situation they are concerned with.

I especially like that it will be possible that several counties in Nebraska will be using the same format. This will help everyone in not having to learn how to navigate each counties GIS site.

Sincerely,

A handwritten signature in cursive script that reads "Janet M. McCartney".

Janet M. McCartney

Hello,

I am writing this letter in support for the GIS/Property Lookup & Map Site Web Service. Our Company is in the real estate business, we examine the courthouse records and provide insurance and reports as the status of real property in many counties in Nebraska. We also have relationships with real estate brokers and lenders that rely on us to give them quick accurate information to do their jobs. An online GIS/Property Lookup & Map Site would be an amazing tool that we would use daily to help get our jobs done and also help foster our relationships outside our Company. This would also save us time and expense, being able to access information without pulling our examiners from other work to drive to the courthouse and back for this information. It would also save time and hassle to the employees working in the courthouse that we regularly call for information. They would have more time for their day to day work and customers in the courthouse if we could get the information ourselves 24/7, without the need to call the courthouse. We use this technology with a few other Counties in Nebraska that are outside the Omaha Metro area, and the access plays a major role in our ability to quickly serve our needs and customers. So we already know what an asset it would be to add Cass to that list.

Thank you for your time and consideration,

**Jill Kussman**

Title Manager / Abstractor  
1448 Washington Street  
Blair, NE 68008

402.452.3811 Phone  
402.452.3959 E-Fax  
402.778.9778 Office Fax  
[jkussman@titleservicesne.com](mailto:jkussman@titleservicesne.com)



# Peabody title & Escrow Company

8007 South 46<sup>th</sup> Street • Omaha, NE • 68157

(402) 896-9985

Fax (402) 896-9986

rick@peabodytitle.com

March 9, 2012

Dear Nebraska State Records Board,

I am writing in support of Cass County, Nebraska GIS receiving a Grant to further expand their GIS system. As an owner of Peabody Title & Escrow Company, the internet access to county systems is imperative to quickly address our customers Real Estate needs and any questions pertaining to names, address, legal description or even to verify what county the property is in or for that matter what county it isn't in. As a business owner time and accuracy is of the essence, and the County GIS site also allows us the access to county information to verify the accuracy of owners names, address and or legal descriptions, before sending an employee to the County Courthouse to conduct a title search. The Cass County GIS is one of the better sites available online and with the Grant funds, they are going to make it even more efficient to all users,

We certainly are looking forward to Cass County, Nebraska, GIS receiving the Grant money to further their GIS systems.

Please call if there are any additional questions or information you need from myself or Peabody Title & Escrow Company.

Sincerely,

Richard T. Peabody  
Vice President

March 3, 2012

To: Nebraska State Records Board

Please be advised that I am writing in support of the Cass County GIS/Property Lookup & Map Site Web Service.

As a candidate in two Cass County elections, I used the GIS on-line property lookup many times. I feel it provided me a valuable service in running for office since I had not lived in Cass County for the number of years my opponent did and was not nearly as familiar with the geography. Driving to the courthouse each time I needed to get information would have been costly and time consuming to my campaign. With this website, I was able to look up various property owners and request permission to put up campaign signs. Using this website was of huge importance to me in keeping the process fair.

Bob Van Dyne does an excellent job with the website. It is efficiently maintained and updated. I don't recall ever experiencing downtime in trying to access the site. I'm certain that many businesses in and outside of Cass County use this website. I am a supporter of having records on-line. I honestly believe it saves time and money. Thank you for your attention to this matter.

Sincerely,  
Rita Ford  
PO Box 19  
203 Sunrise Lane  
Cedar Creek, Nebraska 68016  
email: [ritafor@windstream.net](mailto:ritafor@windstream.net)

Cass County GIS Office  
346 Main Street  
Plattsmouth, NE 68048

Letter of Support  
Subject: GIS/Property Lookup & Map Site Website

I wholeheartedly support a grant for the development of the subject website. Having used the services of the Cass County GIS Office on 10 occasions over the last three years, in support of 2009-2010 Federal Census operations, the Beaver Lake Neighborhood Watch, and the Beaver Lake Community "Safe Connections" Pedestrian Pathway Project, I can attest to the need for a GIS Website. In each case, the services of Robert Van Dyne, Cass County GIS Coordinator, were invaluable to my projects and Mr. Van Dyne is a true professional who has always been eager and completely capable of helping me with my GIS-related requirements. However, I had to make special trips to the Cass County GIS Office in Plattsmouth to obtain residential/commercial lot maps, surveyed property plats, and other surveyor information on easements and specific roadway dimensions/alignments. Many of the trips to the GIS Office could have been avoided if a GIS Website had been available for public use.

The availability of a user-friendly, online GIS resource would save City/County resources by reducing the time spent answering questions from the public and retrieving GIS products. A GIS Website would reduce public's travel time and expenses while encouraging greater citizen use of the GIS database. A GIS Website would increase the accuracy of many private and commercial real estate and other transactions that rely on the latest GIS information. A City/County GIS Website, available 24 hours daily, would facilitate project research, work schedules, and improve coordination among diverse organizations working on the same projects. Together, these would increase project efficiencies by not having to fit construction and other land use tasks to specific GIS Office hours.

I strongly recommend the Nebraska State Records Board grant the Cass County GIS Office the necessary grant to develop a GIS Website at the earliest date.

//S//  
Ronald R Russell  
904 Beaver Lake Blvd  
Plattsmouth, NE 68048  
402-235-2773

Date: March 8, 2012

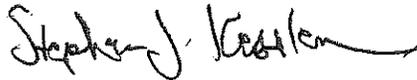
To: Nebraska State Records Board

The purpose of this letter is to extend my full support for the GIS/Property Lookup and Map Site Web Service.

As President of our Lake Lot Owner's Association for the past three years, as well as the current chairman of the Architectural Control Committee for the Association, the GIS information available to me 24/7 has been an invaluable tool. I doubt that I would have wasted time and fuel to drive to the court house to obtain such information had it not been available on the website. It has allowed me to be most efficient and productive.

I highly endorse acquiring funds to assist in developing a new GIS Website for public use.

Sincerely,

A handwritten signature in black ink that reads "Stephen J. Kessler". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Stephen J. Kessler  
19707 Shoreline Circle  
Plattsmouth, NE 68048  
402-296-5568  
[nausetlight@windstream.net](mailto:nausetlight@windstream.net)

To Whom It May Concern:

This letter is in support of the development of the new GIS Website for public use in Cass County, Nebraska. As the Village Clerk of Manley, NE I have been given authorization to send this letter of support by the Village Board Chairperson, Mrs. Betty Meyer.

The Village Board now has a one-mile jurisdiction from the borders of Manley. We will be able to use this new website as a tool to effectively provide necessary information to the Board and to the individuals we serve when making decisions that affect our community. In the past we have had to determine ownership and contact information for property that has been abandoned and neglected. The general public will also be able to access information that otherwise would not be available to them without utilizing government officials/employees. We therefore foresee an increase in efficiency in gathering information, coordination of services, at a savings to the public and to government.

As you know the Village of Manley is located in the center of Cass County. It is not always convenient for members of a volunteer board or the public to drive to Plattsmouth in order to receive information necessary or to provide information in an efficient and accurate manner. A GIS Website accessible to the public 24/7 will be a valuable tool for our Village Board and its citizens which will allow a savings in money by reducing costs for fuel and allow citizens to continue working instead of spending time at the courthouse. In these economic times when everyone is going "Green" it just makes good sense to make information available on the internet and provide access when convenient to the consumer of that information.

It is our hope that the website will enable our community to work more efficiently when collaborating with the Cass County government, when finding information, reporting information, and serving the citizens of our Village and Cass County. We look forward with anticipation when this project comes to fruition.

Sincerely,

Kevin Holdorf  
Village Clerk  
PO Box 97  
Manley, NE 68403  
(402) 707-2223  
[kevinholdorf@hotmail.com](mailto:kevinholdorf@hotmail.com)

**VILLAGE OF MURRAY  
P. O. BOX 79  
MURRAY, NE 68409**

**Shelley Lesac  
Chairperson  
[phone 402 235 2119]**

March 13, 2012

Nebraska State Records Board

Dear Board Members:

The Village of Murray is sending this letter in support of the Cass County GIS services and their pursuit of a grant to update the same.

Our Village clerk utilizes the GIS service almost daily, having it available without having to drive to the courthouse enables our office to run more efficiently and more productively. In addition, it provides access at any time, any day, so our staff does not have to wait on someone being available or an office being closed for holidays or due to illness.

This service also enables our clerk to correct (or clarify) any discrepancies that may exist between county information and Village information. We have been able to keep our records up-to-date by having complete access to this service.

We completely support any effort by the county to upgrade and improve this service.

Sincerely,

VILLAGE OF MURRAY BOARD OF TRUSTEES

Shelley Lesac  
Chairperson

# VILLAGE OF UNION

March 22, 2012

To: Nebraska State Records Board

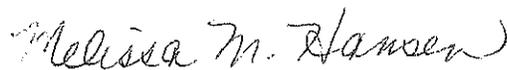
The Village of Union Board of Trustees, during their March 14, 2012 Board Meeting, voted unanimously in support of the Cass County GIS/Property Lookup and Map Site Web Service and the development of a new Cass County GIS website.

The village clerk uses the current GIS Property Lookup and Map Site regularly to identify and locate the property owners within the village for various administrative purposes. Because the clerk has immediate access to the abbreviated legal descriptions on properties, she can email the Register of Deeds Office the shortened description, and they in turn email the complete legal description, so the village clerk can prepare liens quickly for filing. Having access to this information online saves the clerk the time and gas it takes for the 15 mile trip to the courthouse to get the information in person.

Recently, the village clerk used Cass County GIS to quickly and efficiently organize a water meter equipment audit by neighborhood on her computer, instead of physically driving the neighborhoods to get the information. The clerk's position in Union is a part time position and remains flexible because she is able to access the pertinent information contained on the County GIS Website, from office or home, 24 hours a day, 7 days per week.

With a new improved GIS website, the village can collaborate with the County to update address information and even add infrastructure information that would greatly improve the quality and quantity of information provided to the public through this website.

Sincerely,



Melissa M. Hansen  
Clerk/Treasurer, Village of Union



500 Main Street  
P.O. Box 127  
Union, Nebraska  
68455

PHONE (402) 263-3865  
FAX (402) 263-3865  
E-MAIL [villageofunion@yahoo.com](mailto:villageofunion@yahoo.com)  
WEB SITE <http://www.unionnebraska.com>

*This institution is an Equal Opportunity Provider and Employer.*



April 2, 2012

Cathy Danahy, Executive Director  
Nebraska State Records Board  
440 South 8<sup>th</sup> Street, Suite 210  
Lincoln, NE 68508-2294

RE: Grant Funding for County GIS Programs

Dear Ms. Danahy:

On behalf of Farm Credit Services of America, an Omaha, Nebraska-based company dedicated to serving the credit, risk management and financial needs of farmers and ranchers in Iowa, Nebraska, South Dakota and Wyoming, I am writing to register our support for grant funding to establish additional county-based GIS layers and WebGIS applications throughout Nebraska.

Our appraisal department is responsible for providing detailed reports that include:

- Area and neighborhood analysis including recent market trends and recent sales activity;
- Specific location of buildings for flood insurance purposes;
- Location map of subject and sales; and
- Aerial and soil maps.

The availability of county records through the online format in counties that have information built and on-line is very beneficial to our company. Not only does it reduce the amount of time required to travel for inspections, it gives us access to county data (24/7) and the ability to offer quick turnaround times for providing up-to-date, accurate appraisal reports to our customers.

The agriculture industry in Nebraska depends upon innovative data-sharing, like GIS mapping, to compete in the most efficient and productive food system (American agriculture) in the world. It is from this point of view that Farm Credit Services of America advocates for these types of programs to supply our farm and ranch producers with the finest tools and technologies available.

Providing GIS capabilities for all counties throughout the state would be a tremendous way to keep our industry on the cutting edge.

Thank you for your consideration!



Kirk Manker  
VP Chief Appraiser  
[kirk.manker@fcsamerica.com](mailto:kirk.manker@fcsamerica.com)  
402-348-3367  
402-661-3367 (fax)

[fcsamerica.com](http://fcsamerica.com)

