

Nebraska State
Records Board
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John A. Gale
Chairman



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

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 state government information and services. Grants will be awarded for one time funding of small projects. No grant request shall exceed \$25,000.00. 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.

Applications received by May 6, 2013 will be considered for funding by the NE State Records Board at their meeting on July 31, 2013.

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.
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 reduce the amount of reliance on human capital, paper, and office overhead?
- 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?

Responses are required to all questions in Parts I, II & III in order to be considered for funding:

Part I. Grant Summary

1. **Name of agency applying for grant:** York County
2. **Title of project:** County WebGIS
3. **Brief description of project:** The project includes building a WebGIS application that will build off the existing tab for the Assessor's department by linking to the existing Terrascan database and increase the information available to citizens, business, other county departments, and other local/county/regional/state agencies. As a result of this project, the WebGIS application will span across multiple county departments and will feature new tabs for the Planning and Zoning, Roads, Emergency Manager, and Weeds Departments.
4. **Grant amount requested:** \$25,000
5. **If the grant is to create an 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?**

The WebGIS is a website application from which the public can access all available landowner ownership records, county zoning information, pertinent roads information, and county weeds infestation and inspection information. With the exception of some sensitive information that will be password protected, this information will initially be made freely accessible to the public, businesses, and other governmental agencies.

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

Non Applicable, there is no fee associated with access to information.

6. Answer the following questions if the grant application is for a Geographic Information System / Geospatial project. If your answer to any of these questions is "no", please explain.

a. Do you and the agency you represent agree to provide the data created through the project electronically by means of a geodatabase collected in your project, without costs, with other government agencies in the State that may have a need for such data?

A complete set of data in the form of a geodatabase (spatial, attribute, and metadata) will be provided to the NE Office of the Chief Information Officer within 30 days of completion of project. The data provided will need to meet the Land Record Information and Mapping Standards outlined in the supplemental questionnaire. Future updates to the geodatabase, after implementation of the project, will also need to be made available to the NE Office of the Chief Information Officer at no cost.

Non Applicable: there will be no data created through this project.

b. If your project incorporates web mapping services, are you willing to make use of current state resources by linking your project to web and data services that are maintained through other online state agency repositories? This would be for data not created by your project but is needed for your project to be effective (ie, base maps such as aerial imagery, street centerlines, and other authoritative base map data provided as a service through NebraskaMAP.gov).

All background data necessary for this project will be provided by the vendor.

c. If your project will be creating web mapping services, are you willing to make available the web services (ie, REST service), without costs, by registering the web service through the NebraskaMAP.gov metadata portal?

The County will not be creating this system, nor hosting it. We will not have control any of the services that may be created as part of this project.

Part II. Grant Detail

1. Please describe the project in detail, to include your vision for the project. (You may attach this description).

York County has a GIS already in place with the Assessor's office. The County also has a WebGIS system in place which provides easy access of property information to anyone with internet access. The County wants to continue to leverage their investment in their GIS as well as WebGIS technology by providing additional tabs that will enable access to a variety of information for multiple county departments. See Attachment 1 for the vendor's summary bid.

The additional tabs to be built out as a part of this project will greatly benefit not only additional county departments but the general public and other agencies as well. The York County Board of Commissioners is excited about the opportunity for offices such as Planning/Zoning, Roads, Weeds and Emergency Management to build upon the land records foundation to create a one-stop web-enabled interface to County data. The Weeds department will use the application for determining property owners and property location for spraying noxious weeds and issuing notices to landowners. The Emergency Manager will use the WebGIS for enhanced ability to protect the wellbeing of the county. In addition, the County Election Office will better determine exact voter precinct maps and voters will be able to access the redistricted commissioner boundary maps. In addition, the expanded WebGIS site will bring even greater value to the taxpayers of York County.

The WebGIS will also be helpful to other entities in the Courthouse. For example, it will benefit both fire and rescue departments to aid in their situational awareness when responding to emergencies.

The WebGIS will be developed and maintained by the vendor, GIS Workshop, Inc. It will provide public access to query the assessment database by property owner, address, and parcel ID numbers for all related Planning and Zoning, Emergency Management, Weeds, and Roads information.

The York County Board, Emergency Manager, Highway Superintendent and Zoning Administrator, Weeds Superintendent, and others feel strongly that this WebGIS application will be useful by increasing efficiency for everyone accessing County public records. 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 York County will benefit from this project. County offices of Assessor, Clerk/Election 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 cost to them. Partner agencies such as the Natural Resources Districts and various State agencies such as the Nebraska State Patrol and Nebraska Department of Roads will also benefit from easy access to the County data. York County taxpayers will experience enhanced online

access to information as well as improved public safety as a result of the tools newly available to the Emergency Manager. Efficiencies realized from 24/7 access will result in increased productivity and cost savings for both public and private entities.

3. What is the projected activity for access or use of the proposed service?

The primary use of the WebGIS application will be land record information searches by the general public and other county departments and government agencies.

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.

The vendor confirms this project will be completed no later than December 31st, 2013.

5. Please specify in detail your, or any other Subdivision(s) contribution to the project (financial, labor, equipment etc.). Provide specific dollar amounts.

The York County Emergency Manager, Highway Superintendent/Zoning Administrator, and Weeds Superintendent will be assisting in compiling information, data entry and maintaining current data to assure all information is correct and up to date. The vendor will be designing and building the WebGIS, coordinating with the County and hosting/maintaining the site. All involved county staff in addition to interested parties will participate in GIS training provided by an approved Esri trainer from GIS Workshop, Inc.

6. Is other funding available for this project (explain)? Please explain what efforts your agency has made to obtain funding.

No other funding has been sought for this project.

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

No.

8. 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.

We will contract with vendor to develop additional WebGIS tabs for York County. Attachment 1 contains a project bid provided by GISW. The bid will include the development of important departmental tabs on the public facing WebGIS site for the county which will provide access 24/7 to available property ownership information. The total amount of grant money awarded to York County will be used to defray the following initial WebGIS development expense.

9. Why the grant money is needed for the project, and, if applicable, how will the service be sustained once the grant money is expended?

The grant money is needed to improve public access to important County information and to increase efficiency in the future. York 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.

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

Although we would prefer to receive the full allocation for this project, we believe we could still perform this project with a slight reduction in funding.

11. Please describe how this project will enhance the delivery of government agency services and improve the public and/or business access to those services.

This project will make the layers and information for four additional county departments available to the other county departments as well as anyone with internet access in an easy to use interface that will become the foundation for information access at the county. The WebGIS is a proven system for delivering tax assessment and related information. The application allows the user to submit queries to the TerraScan database containing tax assessment information. The Property Record Card component of the WebGIS has several customized reports, derived from this 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. The expanded WebGIS site will bring greater value to York County taxpayers: having zoning maps, floodplains, and roads information is a great value to property owners prior to building, the tools and layers on the Emergency Manager tab will enhance public safety, and the public will also benefit from seeing weeds infestation maps which will also have environmental benefits.

12. Please describe how this project will improve the efficiency of agency operations.

This project will make the layers and information for four additional county departments available to the other county departments as well as anyone with internet access in an easy to use interface that will become the foundation for information access at the county. The WebGIS will provide a central point of access to enhance ease of access and delivery of important information to all county officials while continuing to leverage the county's investment in the GIS. The online mapping solution will also allow each department to take a proactive approach to asset management. Each of the involved county departments will experience greatly increased efficiencies and improved day to day operations with better access and ease of use to pertinent information. The WebGIS is a proven system in use in over 60% of the counties in Nebraska. The system will promote information sharing amongst city and county departments while reducing duplications of effort. In addition, other departments such as Roads and Planning/Zoning may start using GIS technology more

cost effectively. Departments such as Weeds and Emergency Management will have tools never before available to them (such as the ability to create a buffer or the address too) and all departments will benefit from reduced calls and visits to their respective offices.

13. Please describe how this project will facilitate collaboration between either local, state, federal and/or other public or private institutions.

The primary purpose of this project is to improve collaboration and share information between local county departments. In addition, the information contained in the WebGIS will be available for all interested parties and institutions. The information and availability on the WebGIS will be used by nearly all local county departments as well as fire and ambulance departments, public and private institutions, and all interested federal and other government agencies.

14. 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 does not apply to this project.

15. 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 York County community. We have received much support from the entire community include business professionals and taxpayers.

Part III. Technical Information

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

The vendor supplies all the specialized hardware, software and expertise for this project. Because of the very specialized nature of the project, we believe this is a much more cost effective approach than York County trying to buy, install and maintain all the specialized hardware, software, etc. County staff, as well as external users, will access the system using a standard internet browser such as Internet Explorer or Firefox. Internet access is the only requirement for access to the data contained in the WebGIS; no other software and no specific hardware is needed. We feel this will provide the most wide-spread access possible for users across the county. For persons that do not have Internet access, the Public Library supplies several computers for this service at no charge.

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, geospatial data and web services network) 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).**
- **Sustainability (ability to manage future maintenance)**
- **Items in non-compliance or becoming outdated after completion of project**

As we understand from the vendor, the WebGIS uses industry standard (Esri) technology. The WebGIS does not need to interface with other external systems (although it has the capability to do so). The WebGIS meets applicable NITC standards.

The GIS system will interface with the current institutional infrastructure (TerraScan or any other CAMA provider selected in the future) and database systems in use in York County today.

The GISW WebGIS interface is in use in numerous Nebraska counties with proven reliability. Since it is based on Esri technology, the application is scalable and the vendor 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 Address Tool and the layers such as Hazardous Materials and Communication Towers from unauthorized use. The proven system is both reliable, sustainable, and due to continual updates and improvements made by the vendor, will remain relevant and useful for an indefinite period of time.

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

The WebGIS for York County will be built and designed by the vendor, with adherence to standards established by the State of Nebraska (where applicable). The digital map database has been developed using the Nebraska State Plane Coordinate System, NAD83 as per State/NITC guidelines

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

As part of our hosting agreement with the vendor, they have a dedicated technical support staff that is available at any time during business hours to service the County's needs.

Part IV. STATE LAW COMPLIANCE

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

Nebraska State Records Board



If you have indicated in the State Records Board Grant that your project is for a Geographic Information Systems / Geospatial project you are required to complete this supplemental questionnaire. Submit this questionnaire along with the State Records Board Grant Application.

Name of agency applying for grant: York County, Nebraska

Title of Project: County WebGIS

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. There are numerous applications for which substantial benefits can be derived by integrating data across jurisdictional boundaries. Other geospatial data and metadata repositories maintained by state agencies should be integrated into projects where possible, as not to reduplicate efforts. The Nebraska Information Technology Commission (NITC) has implemented land record information and mapping standards and guidelines. Even though data sharing and integration is not listed specifically as a NITC standard it is promoted when possible. It is also an interest of the State Records Board to promote data sharing and data integration.

Please describe whether your agency would be willing to share periodic updates of GIS/Geospatial 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. Use additional pages if necessary.

Yes, we will provide access to the best of our abilities, but we are a small staff without many technical skills.

Collaboration and Sustainability

In most instances, the development of a local government GIS system and the related geospatial data involves a fairly costly initial upfront investment along with long-term maintenance and sustainability costs. These costs are frequently offset by the benefits gained through coordination and collaboration that an integrated GIS can bring to local/state 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. After a grant initiated project has been completed, there is the task of maintaining the GIS system, updating geospatial data, integration with other local/state GIS systems, and making the system sustainable over time.

Please describe the level and nature of any multi-agency/department involvement in the planning and proposed management of your proposed GIS/Geospatial system. Indicate how you plan to address future maintenance, sustainability, and integration opportunities with

other local and state GIS systems. Use additional pages if necessary.

York County is willing to pay the ongoing hosting and maintenance costs of the WebGIS going forward as the benefits will be significant. The development of additional tabs will leverage York County's investment in the GIS. The four additional tabs to be created as a part of this project are a prime example of multi-department interest and involvement in the existing WebGIS application as the WebGIS will now provide centralized access to information for seven county departments. The involvement of multiple departments will improve both the county's ability to maintain the system going forward and well as overall sustainability. Integration opportunities with other local systems are a strong likelihood; the WebGIS is built to easily integrate other county departments as separate tabs with layers and tools specific to that department.

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

The following questions refer to specific NITC Land Record Information and Mapping Standards and Guidelines. Use additional pages as necessary. These standards and guidelines are located at the following website: <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.

N/A. No data is being developed as part of this project.

- 1.2 Projection.** The Nebraska (State) 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.

N/A. No data is being developed as part of this project.

- 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.

N/A. No data is being developed as part of this project.

- 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.

N/A. No data is being developed as part of this project.

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.

N/A. No data is being developed as part of this project.

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.

N/A. No data is being developed as part of this project.

1.6 Ortho-base (Aerial Layer) or Base Maps. Both a Public Land Survey System base map and an orthophoto (surface features) imagery 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. Jurisdictions should acquire new imagery of urban areas at least every five years and of rural areas at least every ten years. Jurisdictions experiencing rapid or slow growth may need to adjust this timetable (IAAO 2009).

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

N/A. No data is being developed as part of this project.

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 ±33.3 ft. of their real world location).
- 1.7.2 Additional Accuracy Considerations.** Beyond this minimum horizontal map accuracy, public entities are encouraged to consider the following recommended map scales and their corresponding National Horizontal Map Accuracy Standards in determining the positional accuracy needed for base maps in the development of a local government GIS/LIS:

| Relative Size of Property Parcels | Map Scale | Nat'l Horizontal Map Accuracy Standard | Equivalent Metric Scale |
|-----------------------------------|-----------------------|--|-------------------------|
| Urban areas | 1:600 (1" = 50') | ±1.7 ft. | 1:500 |
| | 1:1,200 (1" = 100') | ±3.3 ft. | 1:1,000 |
| Large urban & suburban | 1:2,400 (1" = 200') | ±6.7 ft. | 1:2,500 |
| Rural areas | 1:4,800 (1" = 400') | ±13.3 ft. | 1:5,000 |
| | 1:9,600 (1" = 800') | ±26.7 ft. | 1:10,000 |
| | 1:12,000 (1"= 1,000') | ±33.3 ft. | 1:10,000 |

Please describe how you would comply with these standards if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this project.

1.8 Legal Lot and Parcel Layers. Data on two interrelated types of land subdivision (i.e. legally subdivided lots and ownership tracts) 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 feature or layer consists of legal land subdivisions. These are aliquot portions of the PLSS, filed subdivision plats and irregular tracts defined by filed deeds.

b). The parcel feature or layer 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 features or 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.

N/A. No data is being developed as part of this 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.

N/A. No data is being developed as part of this project.

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 into a spatial relational database format 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.

N/A. No data is being developed as part of this project.

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.

N/A. No data is being developed as part of this project.

1.11.1 NebraskaMAP Metadata. The NebraskaMAP (<http://NebraskaMAP.gov>) is a state sponsored GIS web-based portal for finding and accessing a wide variety of GIS/geospatial data related to the geographic area of Nebraska. Many of the NebraskaMAP functions required metadata. All developers of Nebraska-related GIS data are encouraged to use the site to either upload existing metadata and/or use the online tools available on the site to create metadata for your GIS/geospatial land record information and mapping. Before metadata can be either created or uploaded on the site, a brief user registration is necessary.

Please describe how you would follow this guideline if you are awarded a Nebraska State Records Board grant.

N/A. No data is being developed as part of this 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 referenced 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. These attribute values may be maintained in one or more separate relational databases that are referenced by a unique PID and not directly integrated into a GIS.

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: (i.e., Single Family, Multi-Family,

Commercial, Industrial, Agriculture, Recreational, Mineral Interest-
Nonproducing, Mineral Interest-Producing, State Assessed, or
Exempt)

Status NPAT defined categories:
(Improved, Unimproved, or IOLL)
Location (Urban, Sub-urban, Rural)(NPAT defined)
City Size..... 1st class, 2nd class, primary, metro, or village
Source Document..... Sales/transfer reference or document (book, page & date)
Sales Date Most recent sales/transfer date
Sales Value..... Most recent sales value

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

N/A. No data is being developed as part of this project.



**York County,
Nebraska**

Attachment 1

Summary Bid:

Tabs on County WebGIS site

Prepared for:

*Mitch Doht, Highway Superintendent and Zoning Administrator
Gary Petersen, Emergency Manager,
Doug Deprez, Weed Superintendent
and the York County Board of Commissioners*

March 18th, 2013

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| TABLE OF CONTENTS | |
| PROJECT OVERVIEW | 3 |
| ENTERPRISE WEBGIS | 3 |
| ROADS TAB.....3 | |
| ROADS TAB DATA LAYERS..... | 3 |
| ROADS TAB TOOLS..... | 4 |
| PLANNING AND ZONING TAB4 | |
| PLANNING AND ZONING TAB DATA LAYERS | 4 |
| PLANNING AND ZONING TAB TOOLS | 4 |
| WEEDS TAB5 | |
| WEEDS TAB DATA LAYERS | 5 |
| WEEDS TAB TOOLS | 5 |
| EMERGENCY MANAGEMENT TAB.....5 | |
| EMERGENCY MANAGEMENT TAB DATA LAYERS..... | 5 |
| EMERGENCY MANAGEMENT TAB FEATURES AND TOOLS..... | 6 |
| WEBSITE HOSTING 6 | |
| PRICING INFORMATION 6 | |

PROJECT OVERVIEW

Four department managers of York County, Nebraska, have expressed interest in adding their departments to the existing WebGIS (www.york.gisworkshop.com). This proposal outlines the functionality and cost of the tabs on the existing York County WebGIS site.

ENTERPRISE WEBGIS

The GISW WebGIS is a template based product that can be adapted to individual county department needs. The template approach allows us to provide similar, required functionality to many counties across Nebraska, while keeping costs down. The WebGIS allows 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 each department tab.

The existing enterprise WebGIS (www.york.gisworkshop.com) already serves the Assessor departments. 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. The user can switch to a satellite view and choose from various years FSA aerial photography via the Aerial Slider bar.

Each departmental tab described below contains data layers and tools specific to the needs of that department as well as the general public. In addition to any tab-specific tools listed for each department, all departmental tabs will have the standard Enterprise WebGIS tools:

1. Search for properties
2. Zoom in/out slider bar
3. Pan tool
4. Quick identify tool for one-click basic ownership information
5. Photo tool
6. Measurement tool (for measuring distances and areas)
7. Drawing tool
8. Print tool

ROADS TAB

ROADS TAB DATA LAYERS

Roads tab layers include:

1. Parcels (already part of Enterprise GIS)
2. Sections (already part of Enterprise GIS)
3. Latest FSA aerial imagery (already part of Enterprise GIS)
4. Streets and roads - NAVTEQ (already part of Enterprise GIS)
5. Street Centerline (supplied by County in GIS format)
6. Surface Type (GISW to supply from NDOR)
7. Fire districts (supplied by County in GIS format)
8. Floodplains (supplied by County in GIS format)

York County NE

9. Hydrology (supplied by GISW)
10. Bridges greater than 20 feet (supplied by County from “Pontis”, exported to excel spreadsheet- GISW will work with county to run export).
 - a. Bridge ID
 - b. Year built
 - c. Location
 - d. Latitude
 - e. Longitude
 - f. Max span
 - g. Length
 - h. Deck area
 - i. Deck width
 - j. Feature type (stream, creek, etc)
 - k. Facility
11. Signs (County to supply GIS-compatible format)
12. Bridges less than 20 feet (County to supply in GIS-compatible format)
13. Culverts (County to supply in GIS-compatible format)

ROADS TAB TOOLS

The Roads Tab will have access to all the default tools and functions available in the Enterprise WebGIS in addition to the buffer tool.

PLANNING AND ZONING TAB

PLANNING AND ZONING TAB DATA LAYERS

Planning and Zoning tab layers include:

1. Parcels (already part of Enterprise GIS)
2. Sections (already part of Enterprise GIS)
3. Latest FSA aerial imagery (already part of Enterprise GIS)
4. Streets and roads - NAVTEQ (already part of Enterprise GIS)
5. Street centerline (supplied by County in GIS format)
6. Floodplains (supplied by County in GIS format)
7. Wellhead protection (supplied by GISW)
8. Hydrology (supplied by GISW)
9. Corporate city limits (supplied by County in GIS format)
10. ETJ (supplied by County in digital format)
11. County Zoning (supplied by County in digital format)

PLANNING AND ZONING TAB TOOLS

The Planning and Zoning Tab will have access to all the default tools and functions available in the Enterprise WebGIS in addition to the Buffer Tool and the password-protected Address Tool.

WEEDS TAB

WEEDS TAB DATA LAYERS

Weeds tab layers include:

1. Parcels (already part of Enterprise GIS)
2. Sections (already part of Enterprise GIS)
3. Latest FSA aerial imagery (already part of Enterprise GIS)
4. Streets and roads - NAVTEQ (already part of Enterprise GIS)
5. Infestation map to display point locations for each weed inspection location (County to supply Excel spreadsheet to GISW). The spreadsheet must contain the following columns of information:
 - a. GPS coordinates (x/y or lat/long)
 - b. Landowner
 - c. Address
 - d. Legal Description
 - e. S/T/R
 - f. Weed Type
 - g. Area infested (in acres)
 - h. Severity level

WEEDS TAB TOOLS

The Weeds tab will have access to all the default tools and functions available in the Enterprise WebGIS in addition to the buffer tool.

EMERGENCY MANAGEMENT TAB

EMERGENCY MANAGEMENT TAB DATA LAYERS

Emergency Management Tab layers include:

1. Parcels (already part of Enterprise GIS)
2. Sections (already part of Enterprise GIS)
3. Latest FSA aerial imagery (already part of Enterprise GIS)
4. Streets and roads - NAVTEQ (already part of Enterprise GIS)
5. Emergency shelter locations (supplied by County in digital format)
6. Fire Station locations (supplied by County in digital format)
7. Fire Districts (supplied by County in GIS format)
8. Hazardous Materials facilities (supplied by County in digital format) - **Layer will be password protected**
9. Communication Towers (supplied by County in digital format) - **Layer will be password protected**

EMERGENCY MANAGEMENT TAB FEATURES AND TOOLS

The EM tab will have access to all the default tools and functions available in the Enterprise WebGIS in addition to the buffer tool.

WEBSITE HOSTING

GIS Workshop will host the WebGIS on our redundant servers for York County. Hosting fees will be payable annually in July of each year, effective date based upon contracted site launch date.

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.

| Items/Deliverables: | Cost (\$) |
|---|------------------|
| York County WebGIS additional tabs | |
| Roads tab set-up..... | \$3,500 |
| Planning and Zoning tab set-up..... | \$2,500 |
| Weeds tab set-up..... | \$3,500 |
| Emergency Management tab set-up..... | \$3,000 |
| York County WebGIS additional tabs initial maintenance | |
| Roads tab set-up..... | \$3,500 |
| Planning and Zoning tab set-up..... | \$2,500 |
| Weeds tab set-up..... | \$3,500 |
| Emergency Management tab set-up..... | \$3,000 |
| Total Cost | \$25,000 |

| Ongoing Fees | Cost (\$) |
|---|------------------|
| WebGIS Roads tab annual hosting/maintenance | \$3,500 |
| WebGIS Planning and Zoning annual hosting/maintenance | \$2,500 |
| WebGIS Weeds annual hosting/maintenance | \$3,500 |
| WebGIS Emergency Management tab set-up | \$3,000 |
| Total Annual Maintenance Costs* | \$12,500 |
| * Due July 1 of each year, prorated if site launches mid-year | |

Nebraska State Records Board

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

ATTACHMENT 2:

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



YORK COUNTY BOARD OF COMMISSIONERS

510 Lincoln Ave
York, NE 68467
402-362-7759

April 25, 2013

To The Grant Committee:

RE: LETTER OF SUPPORT FOR YORK COUNTY NE GIS PROJECT

The York County Board of Commissioners is very much in support of all GIS efforts within York County. We fully understand the benefits that it provides to the taxpayers of York County. The implementation of our WebGIS site has been widely received by our constituents and they believe having County departmental information available to them 24/7 is a great service. They tell us that they appreciate the transparency it offers them into County government, the convenient access to critical data and the time savings it provides.

We seek to enhance our York County WebGIS site through the addition of four more departments to the site, which we have determined to be a priority for public access. We are grateful for the opportunity to seek grant funding for the start-up of this particular GIS project through the Nebraska State Record Board. We fully intend to continue funding our WebGIS site and related departmental tabs.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Bulgrin", with a stylized flourish at the end.

For the Board
Kurt J. Bulgrin, Chairman

Paul Buller
District 1

Kurt Bulgrin
District 2

William Bamesberger
District 3

Thomas Shellington
District 4

Jack Sikes
District 5

City of **YORK**
York, Nebraska 68467

April 18, 2013

York County Zoning
722 East 25th
York, Ne. 68467

In RE: Letter of Support

Gentlemen:

The City of York would like to offer this letter of support to York County in its venture in seeking grant funds to assist the development of a new GIS Website for public use.

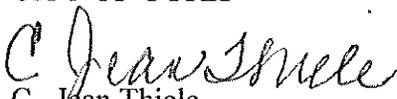
Having public access to GIS/Property Lookup and Map Site Web Service has proven to be a valuable asset to the City of York in the following ways:

- 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 obtaining 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 to assist in various zoning/property transactions.
- 4) This system saves a considerable amount of time and money for the City of York as it allows instant access to the necessary information without having to leave the office.

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

Very truly yours,

CITY OF YORK


C. Jean Thiele
City Clerk/Treasurer

VILLAGE OF BENEDICT

PO Box 116, 206 Sherman Street

Benedict NE 68316-0116

(402)732-6801 Phone and Fax

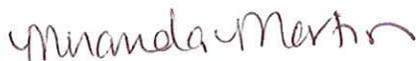
vob@windstream.net

April 9, 2013

It has come to our attention that York County is applying for a grant from the Nebraska State Records Board to update their GIS Website and to improve electronic access for the public. The Village Board of Benedict feels it would be a great advantage for all people who live in York County to have this information readily available online. With this advanced technology, users could access information 24/7 and would not have to make a phone call and/or a trip to the York County Courthouse. It would save a lot of people a lot of time and travel.

Our Village Office makes phone calls and visits to the York County Courthouse often, and having this technology available to us would be a great convenience and save everyone time! We support the efforts of York County pursuing this grant to update the GIS Website and improve electronic access for the public.

Sincerely,



Miranda Martin, Chairman

Tim Beck, Chairman Pro Tempore,

Brad Brooke, Dawn Kush, Lonney Schlegelmilch, Members

Village of Benedict Board of Trustees

VILLAGE OF BRADSHAW
PO BOX 147
BRADSHAW, NE 68319-0147
402-736-4634
villageofbradshaw@windstream.net

April 25, 2013

Debra Nelsen
York County Road & Zoning Office
722 E 25th
York, NE 68467

Dear Ms Nelsen:

The Village of Bradshaw would like to offer a letter of support in York County's venture in seeking grant funds to assist in developing a new GIS web site for public use.

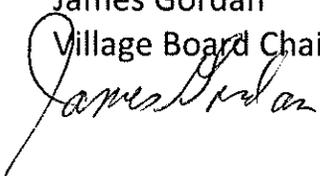
Having public access to GIS/Property Lookup and Map Site Web Service has proven to be a valuable asset to the Bradshaw's village governmental operations in the following ways:

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 village health code and city maintenance issues.
3. We have been able to quickly obtain exact legal descriptions and to collaborate between the village 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 Village of Bradshaw as it allows instant access to the necessary information without having to leave the office, allowing village officials to operate more efficiently

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

Sincerely,

James Gordan
Village Board Chair



Village of McCool Junction



Office of the Village Clerk

323 East M Street
P.O. Box 145
McCool Junction, NE 68401

Office 402-724-2525
Fax 402-724-2562
Web mccoolljunction-ne.com

April 19, 2013

York County Zoning Office
722 East 25th
York
NE 68401

RE: Letter of Support

To Whom It May Concern:

The Village of McCool Junction would like to offer a letter of support in York County's venture in seeking grant funds to assist in upgrading their GIS Website and to improve electronic access to public information.

Having public access to GIS/Property Lookup and Map Site Web Service has proven to be a valuable asset to the McCool Junction's governmental operation in the following ways:

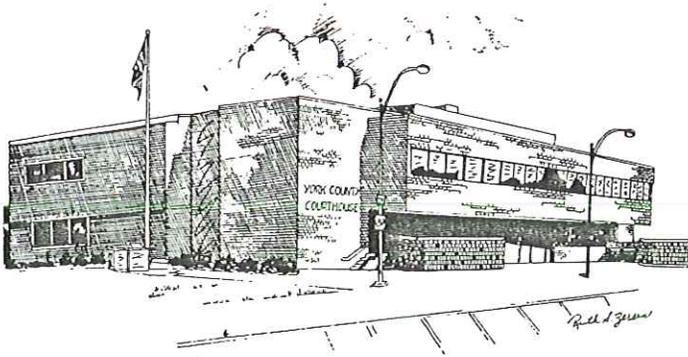
1. We are able to obtain access to an address approved by the Postal System of numerous individuals for whom we have no other way of looking up the address.
2. This system has helped the village locate property owners of vacant property to assure compliance with village maintenance issues.
3. We have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

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

Sincerely,

A handwritten signature in cursive script that reads "Vanee K. Holtmeier".

Vanee K. Holtmeier, CMC
Village Clerk/Treasurer



OFFICE OF

York County Assessor

Phone 402-362-4926

Fax 402-362-4735

510 Lincoln Ave.

York, Nebraska 68467

April 24, 2013

To whom it may concern:

RE Grant for GIS Application

York County is applying for a grant to implement GIS in the Road Department and in the Planning and Zoning Department. With the application of GIS in these areas, the public will be able to determine the location of any project they may be interested in. With the map they will be able to tell if they need to apply for a zoning application from the city of county. This will also give the zoning department the ability to determine an area for notification on a possible zoning issue. These are all issues that previously have had to be answered by the Office of the County Assessor.

We in the Assessor's Office have noticed a big change in the requests for information from our paper records. With our information on the GIS Workshop tab on the York County Web Site, they are able to get the information on their own.

Cordially,

Ann Charlton
York County Assessor



Cornerstone Bank
529 Lincoln Avenue
P.O. Box 69
York, Nebraska 68467
Phone: 402-363-7411
Fax: 402-362-3249

April 4, 2013

Debra Nelson
York County Road & Zoning Office
722 E 25th Street
York, NE 68467

RE: Possible GIS Improvement Grant

Dear Debra,

I was excited to hear about the possibility of York County being able to receive a grant to assist the County in enhancing some of the resources that they currently have online.

Our Bank uses the County information extensively in our lending, farm management and trust departments. We certainly would welcome the possibility that with this grant additional resources such as flood zones and other data could be added to the site so that we can perform our online work in one place rather than searching all over for the information that is required. I am sure that other institutions such as ours would echo these feelings.

With the enhancements that are being contemplated it would appear that productivity within the County could be increased for Banks, Realtors, Title Companies, Appraisers and the citizens of York County. The increased access ability would also be wonderful for the users going forward.

Again I would love to see the enhanced system in place for our County and would welcome the opportunity to visit with you or anyone else further should you have any questions. Good luck with the grant request from the Nebraska State Records Board. It would be a great addition to the County information currently online.

Sincerely

A handwritten signature in black ink, appearing to read "Daryl Wilton", written over a series of horizontal lines.

Daryl Wilton
Senior Vice President



York State Bank

Member FDIC

700 N Lincoln Avenue PO Box 39 York, Nebraska 68467
Phone 402-362-4411 ° Fax 402-362-4192
www.yorkstatebank.com

April 9, 2013

Debra Nelsen
York County Zoning
722 E 25th
York, NE 68467

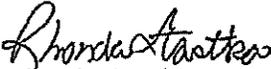
Debra:

As a financial institution, we use the GIS system daily to check on values of properties that we are working with our customers on. It would be a great benefit to us if the addition of the flood Plain maps, road conditions, bridge maintenance and snow removal were added to GIS.

Of particular interest would be the flood plain maps, road conditions and bridge maintenance. As we visit with our customers it could give us more information in one site if the property may be in a flood zone, or if conditions of the roads or bridges may be a concern. We would appreciate the addition of these tools to the site.

Thank you!

Sincerely,


Rhonda Stastka
Vice President
402-362-8319

Fillman Insurance Agency

503 Lincoln Avenue PO Box 356 York NE 68467

(402) 362-3607 fax (402) 362-1612 email fillmaninsuranceagency@hotmail.com

April 10, 2013

York County Zoning

722 E 25th Street

York NE 68467

RE: GIS System

It has come to my attention that York County is applying for a grant from the Nebraska State Records Board to upgrade their GIS Website and to improve electronic access to public information.

As an insurance agent, I often use online services to obtain and verify information used in providing coverage for my clients. Being able to look up correct legal descriptions and locations online has helped me to be more efficient, and more importantly, to be more thorough in processing policies.

It would be very helpful if additional information with regard to flood zones was also available online. The ability to look up flood zone information online will allow me to provide accurate and timely Flood Insurance quotes for my clients.

I strongly support York County's pursuing the grant to upgrade their GIS website.

Cordially yours,



Karla Ott

Owner and Agent, Fillman Insurance Agency

BURNHAM APPRAISAL CO.

www.burnhamappraisal.com

116 E 3rd Street

York, NE 68467-3504

April 25, 2013

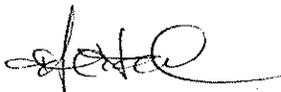
Ms. Debra Nelson
York County Road & Zoning Office
York, NE 68467

Dear Ms. Nelson

It has been brought to my attention that York County is seeking a grant to assist in the funding of a new GIS system. It would not only be advantageous for our office, but all of the people of York County who rely on this type of information if it was readily accessible on-line. With this advanced technology, users could access information 24/7 and provide faster service to their customers more efficiently. In addition, it would save York County employees manual labor, time and expense of providing these services.

As a licensed, professional real estate appraiser and a constant user of York County information, I strongly support the efforts of York County in pursuing this grant to obtain the GIS system.

Respectfully,



Bret C. Burnham
Certified Residential Appraiser

Community Title Company

a division of Title Services of the Plains

April 8, 2013

Debra Nelson
York County Road & Zoning Office
706 E. 25th
York, NE 68467

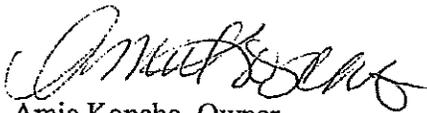
RE: GIS Workshop

Dear Debra:

I am excited to hear that York County is seeking a grant to assist in the funding of a new GIS system. It would be very advantageous for all of us who rely greatly in being able to obtain information on-line. Many times, we need answers immediately and by having this system and information available to us, we can greatly cut down on search time and report response time. I am sure that is the case for all who currently use the system.

I am a Registered Abstractor/Title Agent and a constant user of York County information. I support the efforts of York County pursuing this grant for the zoning and roads information pages.

Regards,



Amie Kopcho, Owner
Community Title Company

610 Lincoln Avenue
PO Box 146
York, NE 68467
402-362-6505
Fax: 402-362-6508
www.communitytitleco.net



York County Title Co.

402-362-4405
402-362-4421 Fax

Title Insurance • Abstracts of Title
Real Estate Closings • Escrow Services

608 N. Grant Avenue
P.O. Box 572
York, NE 68467

April 5, 2013

York County Road & Zoning Office
Attn: Debra Nelsen
510 Lincoln Avenue
York, NE 68467

RE: GIS System Enhancements

Dear Debra:

Our office uses the GIS System for York County multiple times each day to find information on properties for which title insurance or reports are requested. There are also many times we need information after hours or on weekends to fill a rush order so this system is invaluable in that regard.

Any enhancement to make our research easier provides our office greater efficiency and reduces the time that county staff has to look up information on our behalf.

As professionals in the title insurance and abstracting industry, we strongly support the efforts of York County to pursue this grant.

Sincerely,

Kimberly D. Stephens, Manager
Licensed Title Agent
Licensed Abstracter

Laura Rowe
Licensed Title Agent



KEN KUNZE
REALTY

721 Grant Avenue
York, Nebraska 68467

Phone/Fax (402) 362-7438
www.kenkunzerealty.com

April 4, 2013

Debra Nelsen
York County Road & Zoning Office
510 N. Lincoln Ave
York, NE 68467

REF: GIS System

Dear Debra,

My name is Galen E. Saathoff an agent with Ken Kunze Realty in York, Nebraska. It has come to my attention that the York County is seeking a grant to assist in the funding of a new GIS system. It would be advantageous for all people who rely on York County information to have it readily accessible on-line. It would save valuable time by not having to call the courthouse when I could go on-line and get the information that my clients need 24/7.

Sincerely,

Galen E. Saathoff
Real-estate Agent
Ken Kunze Realty
York, NE 68467