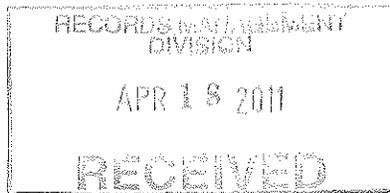
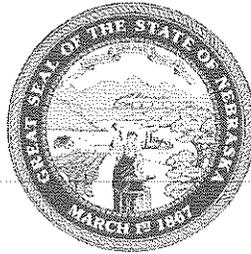


Nebraska State
Records Board
440 S 8th St Ste 210
Lincoln, NE 68508
(402) 471-2745



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 April 20, 2011 will be considered for funding by the NE State Records Board at their meeting on July 20, 2011.

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:** Perkins County, Nebraska
2. **Title of project:** WebGIS for County
3. **Brief description of project:** Installing a WebGIS system in Perkins County will not only make Assessor property data and Planning and Zoning maps accessible to the general public and various entities, it will also help all departments in the County by letting them access land record and zoning information easily and quickly.
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?**
No, no fee is associated with access.
If there is to be a fee, provide any statutory authorization for assessing the fee.
6. **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

Part II. Grant Detail

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

Perkins County has a GIS system already in place with the Assessor's office. The WebGIS technology will be accessed through the internet on a specific website designed for Perkins County.

Upon installing WebGIS in Perkins County 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 County Election Office will better determine exact voter precinct maps.

The Perkins County Sheriff's Office has GIS-based dispatch technology. Installing the WebGIS system in the Assessor's Office will assist dispatch in determining exact locations for 911 calls and emergencies. It will also benefit our Fire Departments and Ambulance Departments to aid in their quick response to emergencies.

The WebGIS System will be generated and maintained by GIS Workshop, Inc. servers, and will give public access to the assessment data base by property owner, address, and parcel ID numbers. If the above are unknown, there will also be an option available for the user to manually select a parcel and from the view the data connected to obtain their information.

The Perkins County Assessor and Planning and Zoning Administrator, the Board and the Sheriff, among others, feel that this WebGIS system will be useful and a time saver for the County, by being available on the Internet it enables the general public to access this information at any time.

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

Perkins County Offices of Assessor, Clerk, Treasurer, Election, Sheriff, and Flood Plain administrator, Emergency Manager, The Perkins County Roads and Weed Department will benefit from this program. Property owners, Banks, Insurance Companies, Appraisers, Realtors and the Villages of Perkins County will have access to the property assessment and valuation information at no extra cost to them. Efficiencies realized from 24/7 access will result in increased productivity and cost savings within the County Departments.

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

The WebGIS is internet-based so access will be available to the general public via a web address. Sensitive data, such as the Sheriff department may want to have available to their team but not the general public, is able to be password protected so that departmental staff may access even though public access may need to be limited. Perkins County Offices of Assessor, Clerk, Treasurer, Election, Sheriff, Flood Plain administrator and Emergency Manager, Property owners, Banks, Insurance Companies, Appraisers, Realtors and the Villages of Perkins County will have access to the property assessment and valuation information at no cost to them. The public will be notified of the WebGIS site by mailings, newspaper notices/press releases and informing people in person at the County Offices.

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.
Dec 15 2011

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

Perkins County Assessor's department does data entry and maintains current data to assure all information is correct and up to date. GIS Workshop will be hosting the site, interfacing with the Assessor's CAMA data for display in the WebGIS program and training on the use of the County site.

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

Perkins County is not aware of any other funding 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 have received basic pricing from vendor GIS Workshop, Inc. to develop a WebGIS for Perkins County and an overview of the project is shown below (proposal information is available upon request). The contract is for development of a WebGIS for Perkins County, which will make information available 24/7. The total amount of grant money awarded to Perkins County will be used to defray the following WebGIS development and maintenance expense.

Development of WebGIS by GIS Workshop, Inc	\$25,500
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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 allow the public access to important County information and to increase efficiency in the future. Perkins 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 GIS 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?

The full amount will be necessary to implement the WebGIS and pay for several years to allow a County-wide GIS budget has been established. The County fully anticipates being able to fully meet annual maintenance costs of the GIS afterward.

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.

The WebGIS site will enhance the ability to retrieve up-to-date information faster and more efficiently via a web-based application. It will give the ability to access taxation information, sales information, mapping ability, not only to the public but also to County Offices and the many different entities that we correspond with daily.

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

The program will better serve the public with the ability to acquire information in a timely manner. The office staff will realize significant time savings which will provide us the time needed to do office work without the time spent on telephone calls, receiving parcel information, retrieving information and then faxing, printing or mailing the information to the many entities. Cost savings will occur as a result of these efficiencies.

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

This program will allow for faster service among the offices of the Assessor, Clerk, Treasurer, Sheriff, Emergency Manager, Road and the Planning and Zoning Manager. There are also other agencies which will benefit from this program such as the public, schools, emergency services, and the many entities that we serve.

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 is not applicable.

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

Part III. 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. Perkins County will purchase the additional years of maintenance fees, which will include unlimited maintenance, which will continue to keep this program current, and to continue to be beneficial.

Access to the data from the WebGIS 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. Perkins 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 WebGIS system will interface with the Assessor's TerraScan database system in use in Perkins County.

The proposed software/technology is Esri based. This is the industry standard GIS technology in Nebraska today.

Our vendor, GIS Workshop, Inc. has stated to us (informally) that any systems or data they construct meets all the applicable NITC and FGDC standards for GIS data and metadata.

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 Perkins 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. Describe how technical support will be provided.

GIS Workshop will host the WebGIS site on their redundant servers. Perkins County will be responsible for updating all property data in their current GIS in place. GIS Workshop will download a copy of the TerraScan data file every 24 hours to ensure that the data is up-to-date on the GIS Workshop server. GISW has a dedicated technical support staff that is available at any time during business hours to service Perkins County's needs.

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.

**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/gisc/docs/LRMS_20060127.pdf

- 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 momumentation 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 momumentation/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 ± 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 1st class, 2nd 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 departments (Sheriff, Planning/Zoning, Roads, etc) have expressed interest in collaborating and building upon using GIS technology to enhance their service provision to the public. Some local jurisdictions have also expressed interest in collaborating and building upon the base mapping this project will create. We feel that this project will kick start GIS within this region and really provide the basis for better and more efficient collaboration between departments and agencies moving forward.



Kim Vanvelson-Riley
850 Road West E North
Brule, NE 69127

Kim Vanvelson-Riley, Appraiser

April 14, 2011

Nebraska State Records Board
Suite 210
440 South 8th Street
Lincoln, Nebraska 68508

Dear Nebraska State Records Board:

I would like to support in any way I can the ability of the Perkins County Assessor's Office to be able to upgrade their assessor's web site.

I am a real estate appraiser who has worked for the past 18 years in Western Nebraska. In exploring sources of information I have been in most of the assessor's office in the western and southwest parts of the state. The Perkins County Assessor's Office has always been one of the most efficient and most user friendly I have visited. The staff understands the type of information that appraisers use from their office and their records always are well maintained and up to date. I think of all the offices I travel to this office would best utilize advanced technology as they never have seemed intimidated by the upgrades, including their current web site.

I had not realized until last week that the Lincoln County Assessor's Office had a web site. I was asked to complete an appraisal within Lincoln County and I found that the web site saved me on preparation time. Coincidentally, I found out that that was the type of site that Perkins County was attempting to get.

The lending climate has changed in the past three years and some questions that lenders ask are not what would have been typical in past years. Having 24 hour web access to assessor's information helps when answering additional questions posed by lenders after an appraisal has been submitted. Printable maps have always been hard to find and having web access with layering to include property boundaries would make completing reports easier. The saying "a picture is worth 1,000 words" is very true in the appraisal business.

Being able to identify properties close to a subject property would be helpful in describing local land use. When completing an ag appraisal having maps that show soil types and a measuring tool would shorten analysis time. One other expanded ability that would be valuable to me is searchable sales information. In this time of high gas prices being able to cut drive time to just sales which are truly relevant to an appraisal would be appreciated.

Sincerely,

Kim Vanvelson-Riley
Appraiser



BURGE AUCTION & REALTY, LLC

Nebraska State Records Board
440 S. 8th St., Ste 210
Lincoln NE 68508

April 8, 2011

To whom it may concern,

We presently use GIS information provided by the Perkins County Assessor when listing and selling residential and agricultural real estate. We have to access other resources to gather maps, measurements, soil type and other pertinent information, however. There is a charge to us for some of the information we need to complete our advertising. The new GIS would allow us to gather all the data we need from one web site. This would be a savings in time and money. Another advantage for us would be the access to sales history that helps us determine values when listing real estate property to sell.

We use printed maps in our brochures so the ones we could obtain from this website would be a big benefit to us. And the ability to create an excel file of adjoining property would save us a great deal of time when determining who we mail property and auction information to with correct addresses. Most of all, being able to access the information 24/7 from any computer without employees at the assessor's office taking time to help us.

We are very excited about the possibility of additional information and data added to the Perkins County Assessors web site. Bonnie and her staff continue to upgrade their services for which we are grateful.

Sincerely,



Donna Burge
Broker

BURGE
Auction & Realty, LLC
www.burgeauction.com

118 Central Avenue
P.O. Box 516
Grant NE 69140

PHONE (308) 352-7777
FAX (308) 352-7778
E-MAIL donna@gpcom.net
WEB SITE <http://www.burgeauction.com>



April 8, 2011

Nebraska State Records Board
440 South 8th , Suite 210
Lincoln, Nebraska 68508

Dear Nebraska State Records Board:

The purpose of this letter is to provide our support for the Perkins County Assessors Office goal to update and improve the availability of information to those entities attempting to obtain pertinent data from said office. As additional regulatory burden is deposited to the financial industries procedure of due diligence within the parameters of analytical documentation for lending purposes, the demand for additional information from the local Assessors office is becoming broader in scope and further in depth. We not only need the information that is currently available, there is a distinct need for more detailed information concerning flood zone and flood plain information. Other zoning information is becoming pertinent in the wealth of information needed to support lending decisions. Naturally a wider range of detailed sales information will be forth coming as the need for additional representative sales comparisons is becoming a larger requirement. Our institution will greatly benefit through the greater efficiency in time savings, if one can print maps with data concerning soil types, soil classifications as well as land use. Another distinct benefit we have noticed with the GIS information is the measurement tool.

In summary, we can not emphasize the importance of the availability of GIS information for our use to provide satisfactory documentation for the other various government agencies further reviewing this component of the overall data compilation in lending decisions. Please feel free to contact me concerning any questions you have concerning this matter.

Yours truly,

Donald W. Softley
Senior Vice President



H-D MANAGEMENT CO.

MANAGEMENT - SALES - APPRAISALS - CONSULTING
720 East 4th Street • North Platte, NE 69101 • (308) 532-1228

M. KURT PIEPER, Broker

April 11, 2011

Nebraska State Records Board
440 S 8th St., Suite 210
Lincoln, NE 68508

Sirs:

I am writing to encourage the implementation of the GIS website through the Perkins (and every other) County Assessor Office.

I have appraised farm and ranch land in west central and western Nebraska for 31 years. Over that time the “information age” has allowed increasing access to data pertinent to performing creditable appraisals of Nebraska land. Some agencies, USDA Farm Service Agency as a prime example, have been severely constrained in their ability to release information to appraisers and the wealth of resources that agency holds is often unavailable to analyze a property. The GIS measurement tools and aerial photography available through the GIS workshop allow an appraiser to quickly observe how the property appears from the air and through the assessor’s measurement, provides a reliable indication as to the size of the property and what it is adjacent to. When available, it is one of the better tools that has been developed.

The availability of the information at any time online is very convenient and will save time and often expensive gasoline both for the appraiser and for the Assessor office staff.

An appraisal is never any better than data available to the appraiser. The GIS workshop technology will assist in providing more reliable appraisal results than without it.

Sincerely,



Ronald W. Roberts
Nebraska Certified General Appraiser #CG 920663



CITY OF GRANT

TELEPHONE: 308-352-2100
FAX #: 308-352-2358

346 CENTRAL AVENUE
PO Box 614
GRANT, NEBRASKA 69140-0614

April 12, 2011

Nebraska State Records Board
440 S. 8th St.
Ste. 210
Lincoln NE 68508

Dear Board

The City of Grant is in full support of the grant application being submitted by the Perkins County Assessor. The City of Grant currently uses the GIS system to primarily identify property owners for reasons of utilities and nuisances.

In the future we would like to utilize the system to overlay all of our water and sewer lines, valves, and customer services. This system would save hours each month by not having to search for these types of infrastructure assets during an emergency or common maintenance. These types of systems allow our city to be run more efficiently which in turn saves our residents money.

Again I appreciate the opportunity for Perkins County to apply for this grant and I look forward to being able to utilize these tools to better serve the citizens of Grant.

Sincerely

Tyson McGreer
City Manager
City of Grant



945 Central Avenue
Grant, Ne. 69140
Phone (308)352-4750
Fax (308)352-2632

April 12, 2011

Nebraska State Records Board
440 S. 8th St., Ste. 210
Lincoln, NE 68508

Dear Sir or Madam:

I am writing in support of enhancements to the Perkins County Assessor's property information website. I use this service almost daily as a real estate agent in Perkins County. Adding GIS layers that would include zoning, roads, soils, etc. would be very beneficial to my business. I believe that it would also allow several of the county offices to operate more efficiently.

I am in full support of these enhancements as long as the cost of such improvements do not impose undue burden of the budget of the county.

Sincerely,

A handwritten signature in dark ink, appearing to read "Ryan Cornelius", with a long horizontal flourish extending to the right.

Ryan Cornelius
Broker / Owner



ADAMS BANK & TRUST

P.O. Box 160
Grant, NE 69140

Phone No. (308) 352-2114
Fax No. (308) 352-4934
E-mail info@abtbank.com

April 8, 2011

Nebraska State Records Board
440 S. 8th St., Ste. 210
Lincoln, NE 68508

Dear Sir or Madam:

My name is John Woodmancy and I am the Branch President of Adams Bank and Trust in Grant, NE. Currently our bank uses the Perkins County GIS information in a number of ways. The system provides our bank with many conveniences such as verification of ownership, legal descriptions, values to support collateral, sales history, etc. The convenience it provides our bank by being able to access this data from our desktops without having to call or travel to the courthouse provides many efficiencies to our staff as well as the courthouse employees. As I understand it, there is a new system available which provides many enhancements to the current Perkins County GIS system. Enhancements, such as sales information, taxes, zoning, floodplains, and soils all being provided on one printable map. In addition, tools will be available which will allow us to identify adjoining properties and create address files to contact individuals in the area. All the enhancements could be utilized by our business to support numerous items for our loan files and provide additional time savings to our employees.

In summary, our bank finds the current system very useful in providing valuable information at our fingertips which helps us be more efficient in our business. The upgrade to the newer version will enhance our use and provide additional information which we will use extensively. Please let this letter serve as our support for Perkins County to obtain the requested grant to upgrade the current GIS system.

Sincerely,

A handwritten signature in blue ink that reads "John J. Woodmancy".

John J Woodmancy
Branch President

Rita A. Long
Perkins County Clerk
District Court Clerk

Barbara F. Tines, Deputy

Ph. 308-352-4643
Fax 308-352-2455
DeeAnn Tatum, Office Clerk

P.O. Box 156
Grant, NE 69140
Karen Thurin, Payroll Clerk

April 12, 2011

Nebraska State Records Board
440 S. 8th St., Ste 210
Lincoln, NE

Re: \$25,000.00 grant to Perkins County, Nebraska for WebGIS

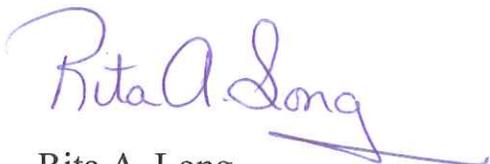
I am Rita Long the clerk ex officio of Perkins County. The county has seen the demonstration of the WebGIS and saw how valuable it could be in the county. The two areas that I would use it are Election Commissioner and Register of Deeds. I could see this being an asset to banks, Title Companies, villages and city in our county and also to the general public. Here are a few of the questions I get asked that this program could be of value to the public.

What are the elections boundaries vs. road district boundaries?

What about re-districting election lines? (2011)

What are the township, range and sections in Perkins County and how are they divided?

I am in support of the full \$25,000.00 grant for Perkins County to set up this program. Technology is becoming the resource our younger generation is using to get information, this site will be beneficial.



Rita A. Long
Perkins County Clerk

PERKINS COUNTY SHERIFF'S OFFICE



James D. Brueggeman, Sheriff

April 9, 2011

Law Enforcement
E-911/Communications
Emergency Management

Nebraska State Records Board
440 South 8th Street; Suite 210
Lincoln, Nebraska 68508

200 Lincoln Avenue
P.O. Box 607
Grant, NE 69140

Dear Grant Review Committee,

I am writing this letter in support of the Perkins County, Nebraska WebGIS project and Perkins County's attempt to seek funds through the Nebraska State Records Board grant program. The Perkins County Sheriff's Office supports the grant fund application because the services provided by the WebGIS project will directly benefit the public and communities served by this and a number of other Perkins County offices.

308-352-4564 (Phone)
308-352-4149 (Fax)
sheriff@perkinscso.com
www.perkinscso.com

The Perkins County Sheriff's Office has been using GIS technologies in providing public safety services and has been proactive in the offering of these services to the communities in Perkins County. The particular services offered by my office are in initial response to emergency calls for service from the public and the sharing of GIS data that will be available through this project is invaluable for Perkins County and its residents.

My hope is that the review committee takes favorable action in consideration of the Perkins County WebGIS project grant request.

James D. Brueggeman
Sheriff
E-911 Administrator
Emergency Manager

Respectfully,

A handwritten signature in blue ink that reads "James D. Brueggeman". The signature is fluid and cursive, written over a white background.



James D. Brueggeman
Sheriff / Emergency Manager / E-911 Administrator
Perkins County, Nebraska

Kip A. Bradley
Chief Deputy Sheriff

Kristopher K. Larson
Sergeant

Karon R. Harris
Communications Supervisor
Deputy Emergency Manager

PERKINS COUNTY ATTORNEY

200 Lincoln Ave.
P.O. Box 889
Grant, NE 69140

308 352-2425 (Tel)
308 352-2429 (Fax)

RICHARD H. ROBERTS
County Attorney

JOEL W. PHILLIPS
Deputy County Attorney

SHARON CARLSON
Legal Assistant

April 11, 2011

Nebraska State Records Board
440 S. 8th Street
Suite 210
Lincoln, NE 68508

Re: Funding request for GIS enhancements.

Gentlemen:

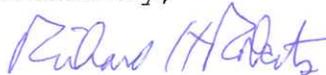
Thank you for taking the time to consider Perkins County's application for funding to enhance its GIS capabilities.

The limited GIS information that we have now has been important in holding down the cost of County government. The availability of information on-line has served the public well, allowing both the person seeking the information and the County Assessor's, Treasurer's and Zoning Administrator's offices to access the information without tying up County personnel. I have frequently used the web sites to access assessment and tax payment records, often during times when the Courthouse is closed.

The availability of additional information on-line will increase this efficiency. The ability to use the measurement tool, map-printing ability and buffer tool that would be available would greatly help me in my work. And the availability of this information on-line would save me time and would save time for the other County officials.

Thank you for your consideration.

Sincerely,



Richard H. Roberts

RHR:sel
pc Chris Loeffler, Perkins County Zoning Administrator

Chris Loeffler
Perkins County Zoning Administrator

P.O. Box 324
Grant, Nebraska
perkinszoning@hotmail.com

Phone: 308-352-2703
Fax: 308-352-2700

April 6, 2011

Nebraska State Records Board
440 S. 8th St. Ste. 210
Lincoln NE 68508

To Whom It May Concern,

I am writing this letter to express my support of the concept of having GIS for Perkins County on the internet. Having this capability on the internet will not only benefit me, but the public at large. I'd like to explain how it will benefit me first.

Currently when a citizen submits an application, I am required to check several different maps for compliance. I check the Floodplain maps, soils map, the confinement and intensive animal feeding operation map, the roads map, and finally the zoning map. In addition, Perkins County will be offering private airports protection in the future from cell towers, wind turbines, and tall grain elevator legs. Having everything on one map would cut my administrative time down considerably. I could also use the buffer tool to identify adjacent landowners that I'm required to notify when public hearings are held. The measurement tool can be used to measure for correct setbacks. A GIS capable camera could be used to take pictures of uses that would tie it to a certain location. A GIS camera could be shared between all offices in our county.

The public will benefit from this tool, too. It will increase the transparency of our County offices, and educate the public about many aspects of County Government. For instance, a person could instantly look up their zoning, floodplain, E-911, tax, soils, and sales information all in one spot. It will help educate them as to the requirements of zoning if we tie our Regulations to each zone. I see many different people being able to utilize this online: from realtors, surveyors, postal service, fire department, the average citizen, and even the cities and villages within Perkins County. I believe once this is available, it will be used by far more people than we think.

I'm very excited to have this capability for many reasons, and appreciate the opportunity to help the process along with the grant you are offering. In this regard, please consider Perkins County for this grant.

Sincerely,



Chris Loeffler
Perkins County Zoning Administrator, Flood Plain Administrator

32745 Road 769
Ogallala, NE 69153

April 11, 2011

Nebraska State Records Board
440 So. 8th St., Suite 210
Lincoln, NE 68508

Dear Sir or Madam:

I am a member of the Perkins County Planning Commission and have been interested in the potential of GIS information for the County.

From the perspective of the Planning Commission and Zoning Administrator, the addition of a GIS website would enhance the efficiency of conducting the process of planning and zoning. Setbacks could be analyzed more efficiently prior to providing approval of zoning applications. In additions, applicants would be able to evaluate the potential of approval of applications by studying GIS maps.

The Planning Commission likewise would have an additional tool for evaluations when updating the Comprehensive Plan for the County with GIS mapping information.

Not only would the process save time and money in administration of planning and zoning through efficiencies, but the information would provide the tax payer with more information which would be available as needed around the clock. This provides for a better return on investment for the tax payer, a "customer" of County information.

I would like to urge financial support that your office may be able to provide for this enhancement of Perkins County for the citizens and officials of the County.

I appreciate your consideration.

Sincerely,



Dennis Demmel

PERKINS COUNTY ASSESSOR

200 LINCOLN AVENUE
P.O. BOX 248
GRANT, NE 69140

PHONE: 308.352.2700 OR 308.352.4938
FAX: 308.352.2700

ASSESSOR
BONNIE APPEL

OFFICE CLERK
KRIS AERNI

DEPUTY ASSESSOR
PEGGY BURTON

April 12, 2011

Nebraska State Records Board
440 S 8th St Ste 210
Lincoln NE 68508

To Whom It May Concern:

I am writing in support of the grant application being submitted by Perkins County, Nebraska for \$25,000 for the enhancement of the existing assessor website and for the additional tabs for the office of County Zoning and Planning, County Sheriff, County Clerk and Election Commissioner and County Roads.

The current assessor website contains information such as current valuations and taxes, current sales, residential and commercial data including sketches, building photos and aerial photos. Making this information available to the public has substantially cut the time that the office staff spends pulling records and making copies for realtors, appraisers, insurance agents, and other taxpayers. The feedback from these realtors, appraisers and insurance agents has been very positive in the amount of time and money saved by using the information provided on our website, but we have been approached about putting additional information including maps of land use, and soil types, and sales file information on the internet.

With the grant money, our county would be able to enhance the existing internet web site. This information would be a substantial time savings not only to the assessor's office and the other county offices but also to the taxpayers of our community and businesses of surrounding communities. Please consider Perkins County for the grant being offered.

Thank you.

Sincerely,



Bonnie Appel
Perkins County Assessor



Perkins County, Nebraska

Proposal for Assessor Tab on County WebGIS Site

Prepared for: Bonnie Appel, Perkins County Assessor

February 11, 2011



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PROJECT OVERVIEW

The Perkins County Assessor currently provides a simple, text-based property search via a GIS Workshop (GISW) website. The Perkins County assessor sees the need to share GIS property data across all County departments and the public through a WebGIS solution. The Assessor seeks to increase efficiency in the Department's services by providing property information to the public in an internet mapping context. The Assessor also wishes to establish the Assessors' department as the foundation for subsequent departments within the County to participate in the GIS site. The following layers and tools will appear on the "Assessors" tab of the new Perkins County WebGIS Site

Requested Assessor layers:

1. Parcels
2. Sections

Requested 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)

GISW proposes to design and build an enterprise WebGIS for Perkins County, NE, in which other departments within Perkins County will build upon and integrate with the assessment GIS foundation in the Assessor's office. Currently, the Perkins County Assessor GIS data is not available online, only basic property card information is available in a text search format. GISW will build an Assessor tab for the enterprise WebGIS site as a first step to provide this GIS information to the public and to other County departments.

The system is designed to leverage the investment the County made in the assessment GIS to promote online GIS for multiple departments. The parcel database provides the framework to add other departments in the future. For example, the highway department may choose to start using GIS to effectively disseminate information to the public. The highway superintendent will be able to use the base mapping (parcels, roads, floodplains, etc) and work with GISW to add other tools and layers such as road signs, bridges, culverts, and road maintenance and condition. If a County department is not "enabled" the icon is simply grayed out and unavailable.

ENTERPRISE WEBGIS

The first step in setting up the enterprise WebGIS for Perkins County will be to develop the Assessor tab. 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.

*Note: assessment and appraisal data are tied to the Assessor support contract which is already in place.

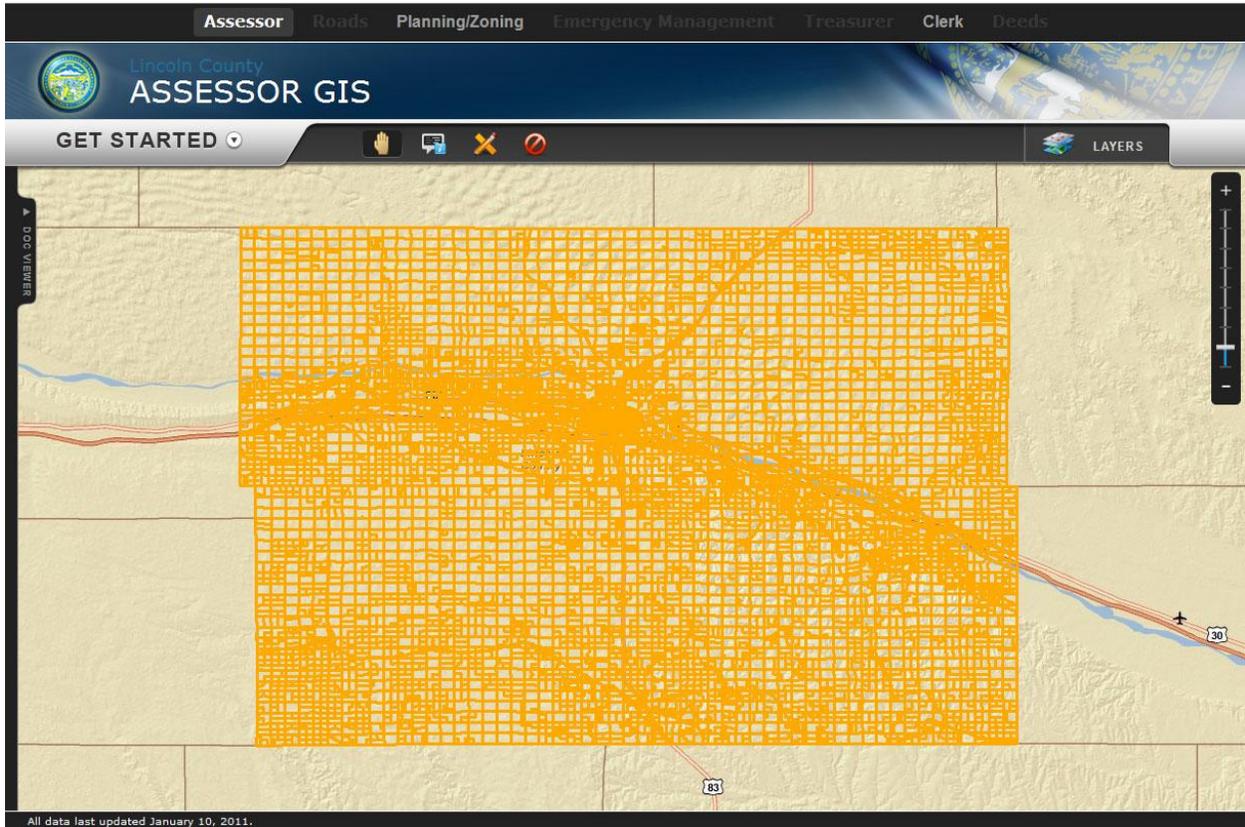


Figure 1: Opening screen (Assessor Tab) of GIS Workshop’s Enterprise WebGIS for Lincoln County, NE.

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.

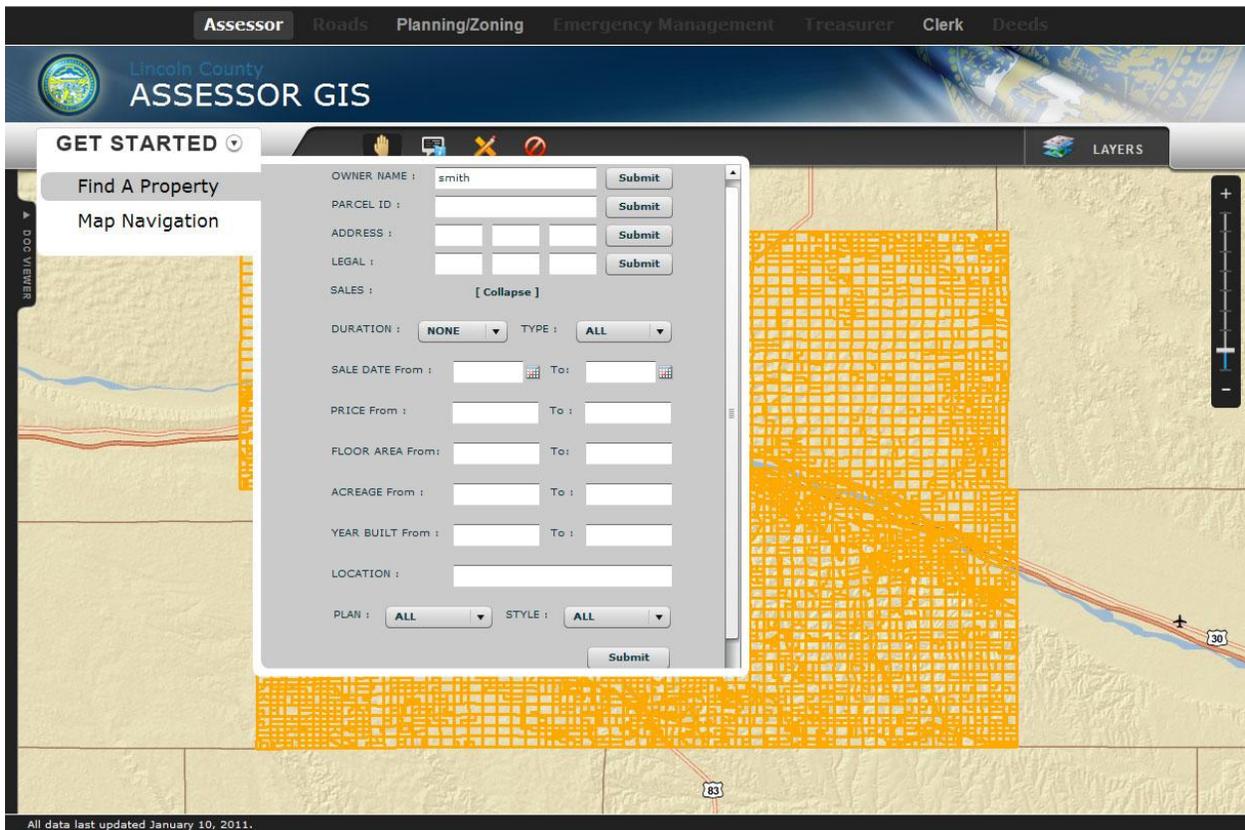


Figure 2: Assessor tab showing property search box

PERKINS COUNTY NE ASSESSOR

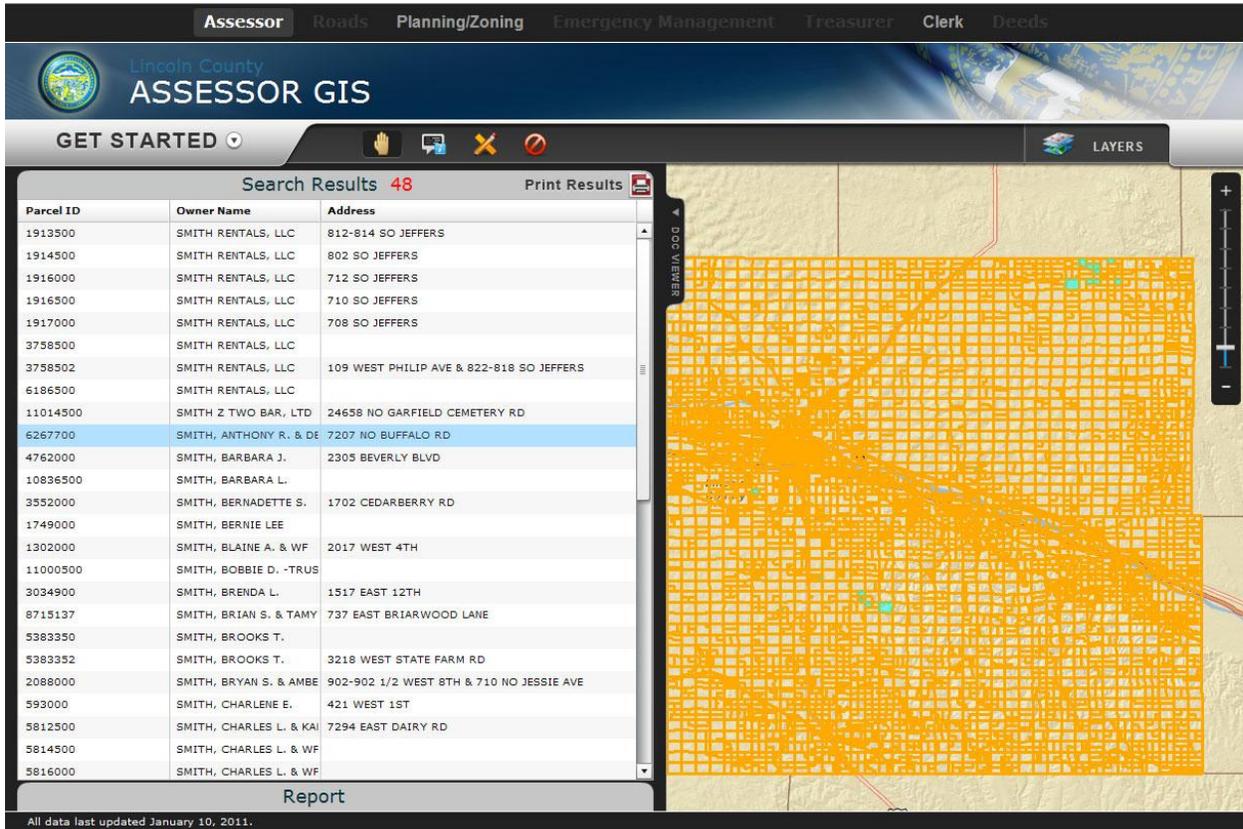


Figure 3: Property search results

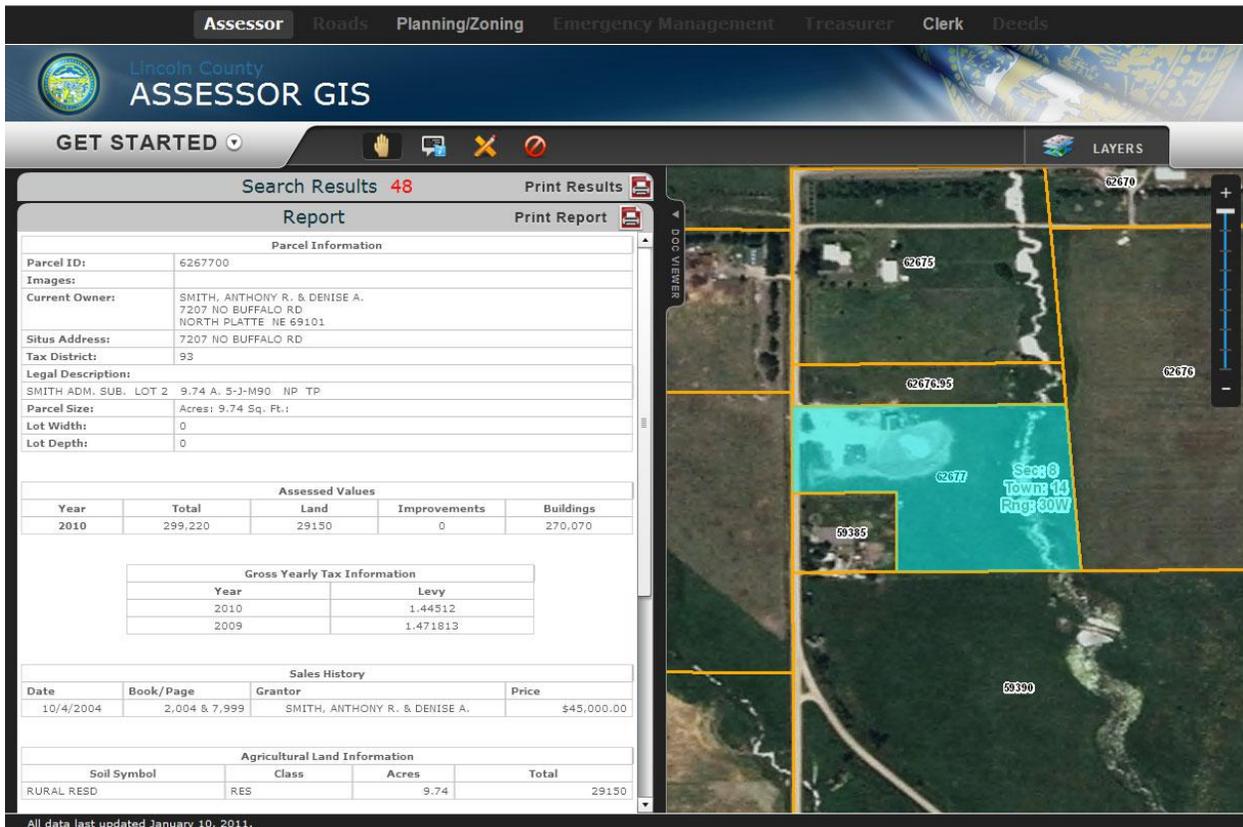


Figure 4: Property Record Card (note the map zoomed in and highlighted the chosen parcel)

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).

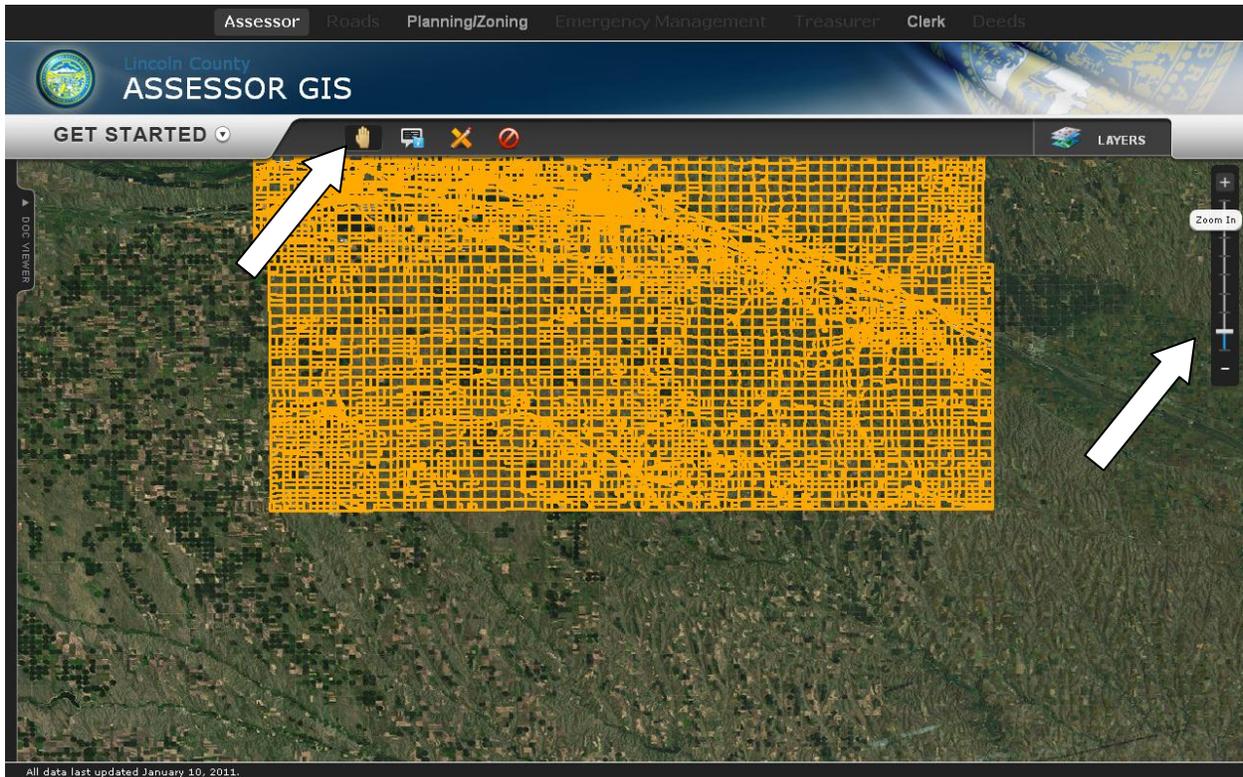


Figure 5: Zoom slider bar (right side) and activated pan tool icon (hand) in horizontal toolbar

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

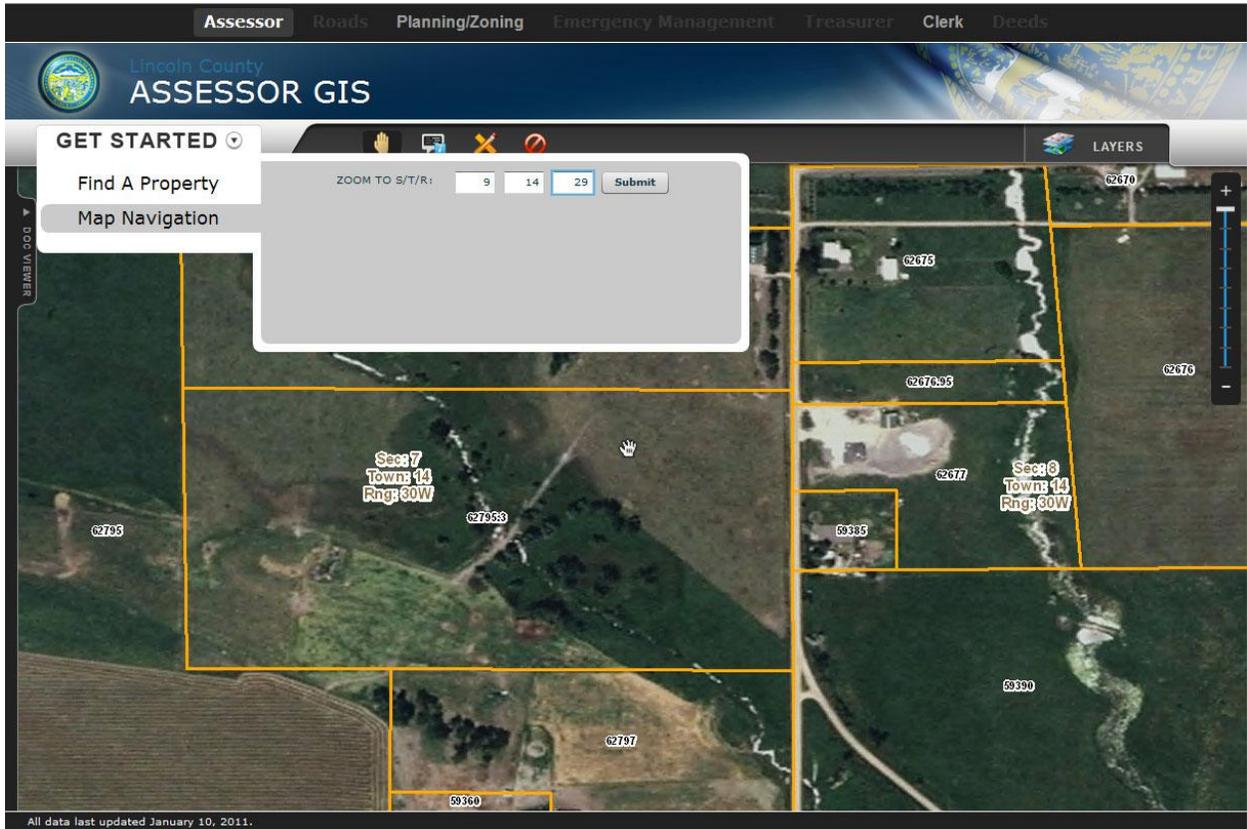


Figure 6: User enters section/township/range



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.

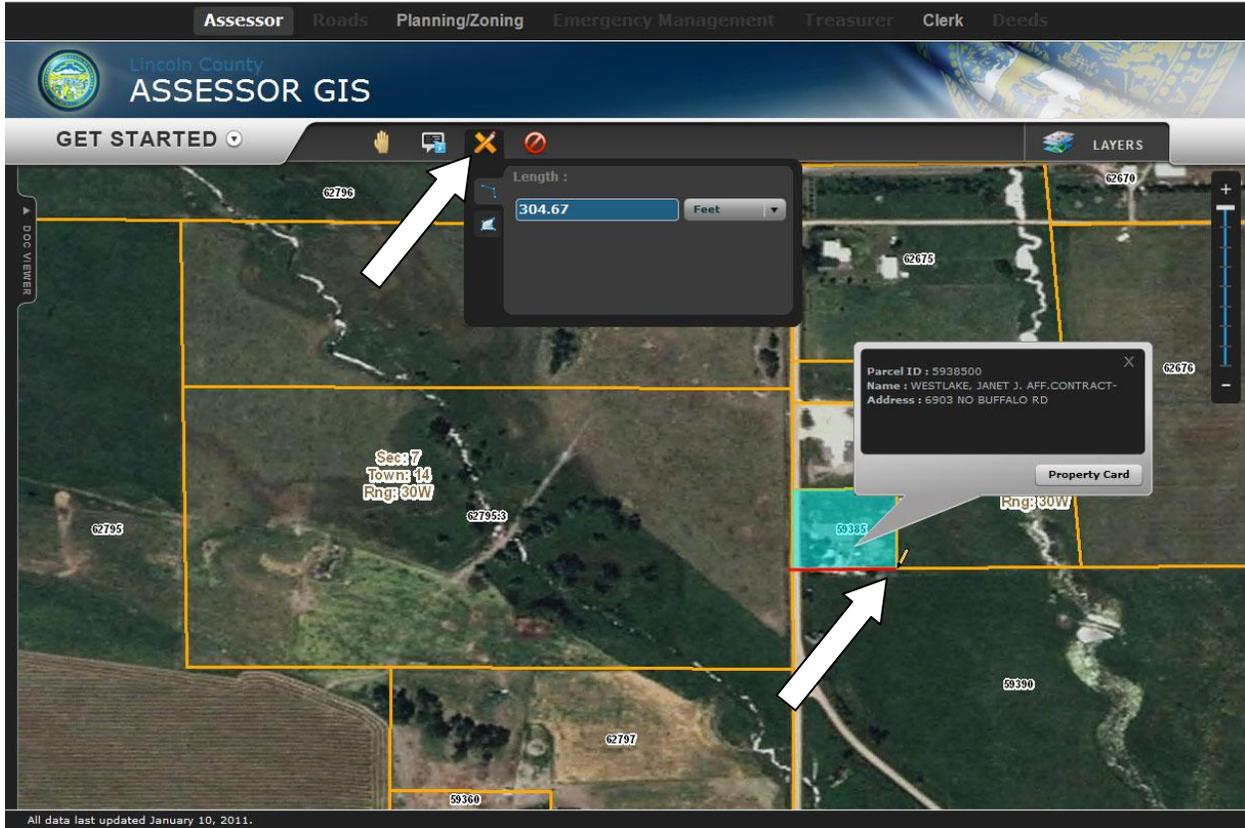


Figure 9: Measurement tool showing total length of the user-drawn line segment along the parcel boundary.

WEBSITE MAINTENANCE

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

WEBSITE DATA UPDATES

A copy of the assessment data is updated every night from the County’s TerraScan database.

PROJECT SCHEDULE

The GISW team is ready to develop the Perkins 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 ten weeks 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 at our standard consulting rate of \$125/hour. 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
Perkins County WebGIS	
Assessor Tab set-up	\$2,500
Yr 1 WebGIS Maintenance	\$5,000
Total Upfront Costs	\$ 7,500
Yr 2 and beyond Annual WebGIS maintenance (Assessor tab)	\$ 5,000



Perkins County Planning and Zoning Department

Proposal for County WebGIS Featuring Planning and Zoning Tab

Prepared for: Chris Loeffler, Zoning Administrator

February 11, 2011



PERKINS COUNTY ZONING DEPARTMENT

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PROJECT OVERVIEW

The Zoning Administrator for Perkins County, Nebraska, has expressed interest in exploring the Planning and Zoning Department's options for a Web-based GIS (WebGIS) mapping solution to increase efficiency in the Department's services and to provide information to the public. The Zoning Administrator identified key data that needs to be mapped and GIS analysis tools necessary for the department to make best use of the new GIS maps (listed below).

Requested Planning and Zoning layers:

1. Parcels (part of the foundation Assessor system today)
2. Floodplain areas
3. Zoning plan
4. Wellhead protection areas
5. Streets and roads (centerline)
6. Swine confinement locations
7. Latest aerial imagery

Requested tools on the Planning and Zoning 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. Buffer tool (for locating property owners within a user-specified distance of a parcel)
6. Measurement tool (for measuring distances and areas)

GIS Workshop, Inc. (GISW) proposes to design and build an enterprise WebGIS for Perkins County, NE, in which the planning and zoning GIS will build upon and integrate with the GIS foundation in the Assessor's office. Currently, the Perkins County Assessor uses GIS and has had a Web-based, text-only site through GISW at <http://perkins.gisworkshop.com/>. The Planning and Zoning WebGIS project is dependent upon the Assessor upgrading to the WebGIS mapping site. A separate proposal has been prepared and delivered to the Assessor.

The system is designed to leverage the investment the County made in the parcel database to promote online GIS for multiple departments. The parcel database provides the framework to add other departments in the future. For example, the emergency manager may choose to start using GIS to effectively disseminate information to the public. The emergency manager will be able to use the base mapping (parcels, roads, floodplains, etc) and work with GISW to add other layers and tools. If a County department is not "enabled" the icon is simply grayed out and unavailable.

ASSESSOR WEBSITE UPGRADE

The first step in setting up the enterprise WebGIS for Perkins County will be to upgrade the current text-only County Assessor Website. GISW will upgrade the County to an Assessor WebGIS tab that 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.

ENTERPRISE WEBGIS FEATURES

The WebGIS will allow anyone with Internet access to search for and look at maps concerning planning and zoning information, assessment and appraisal data*, and any other data associated with future tabs.

*Note: assessment and appraisal data are tied to the Assessor support contract which is already in place

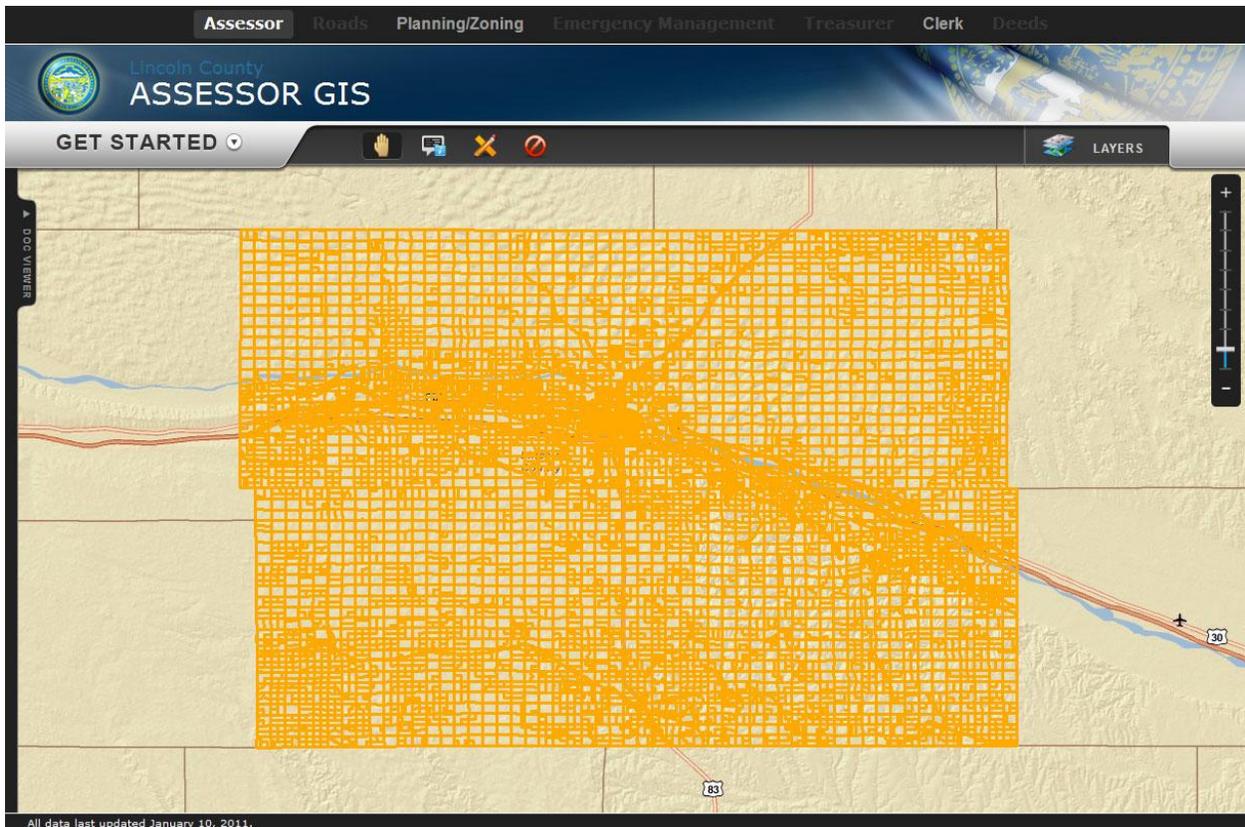


Figure 1: Opening screen (Assessor Tab) of GIS Workshop's Enterprise WebGIS for Lincoln County, NE.

FEATURES AVAILABLE FOR MULTIPLE DEPARTMENTS (TABS)

Several features will be common to multiple WebGIS tabs. Standard layers including parcels, sections, road centerline and aerial photography are available to all departments. Map features include searching using the 'Get Started' drop-down menu, navigation, quick identify tool, and the measurement tool. Each feature is described in detail below.

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, the 'Find a Property' options include owner name, parcel ID, address, legal description or sales criteria. Figure 2 illustrates the 'Get Started' options.

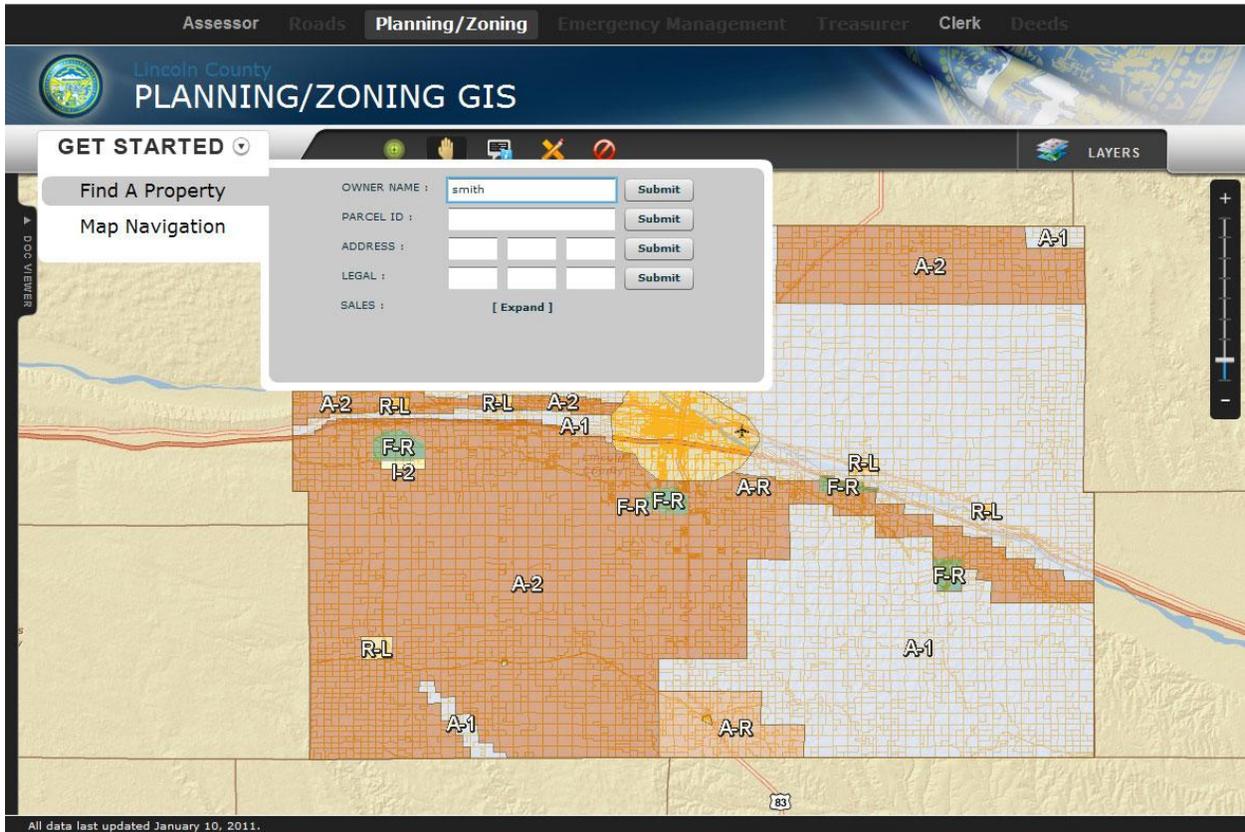


Figure 2: Planning and Zoning tab showing property search box

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 3 illustrates the Zoom slider bar and pan tool (hand icon).

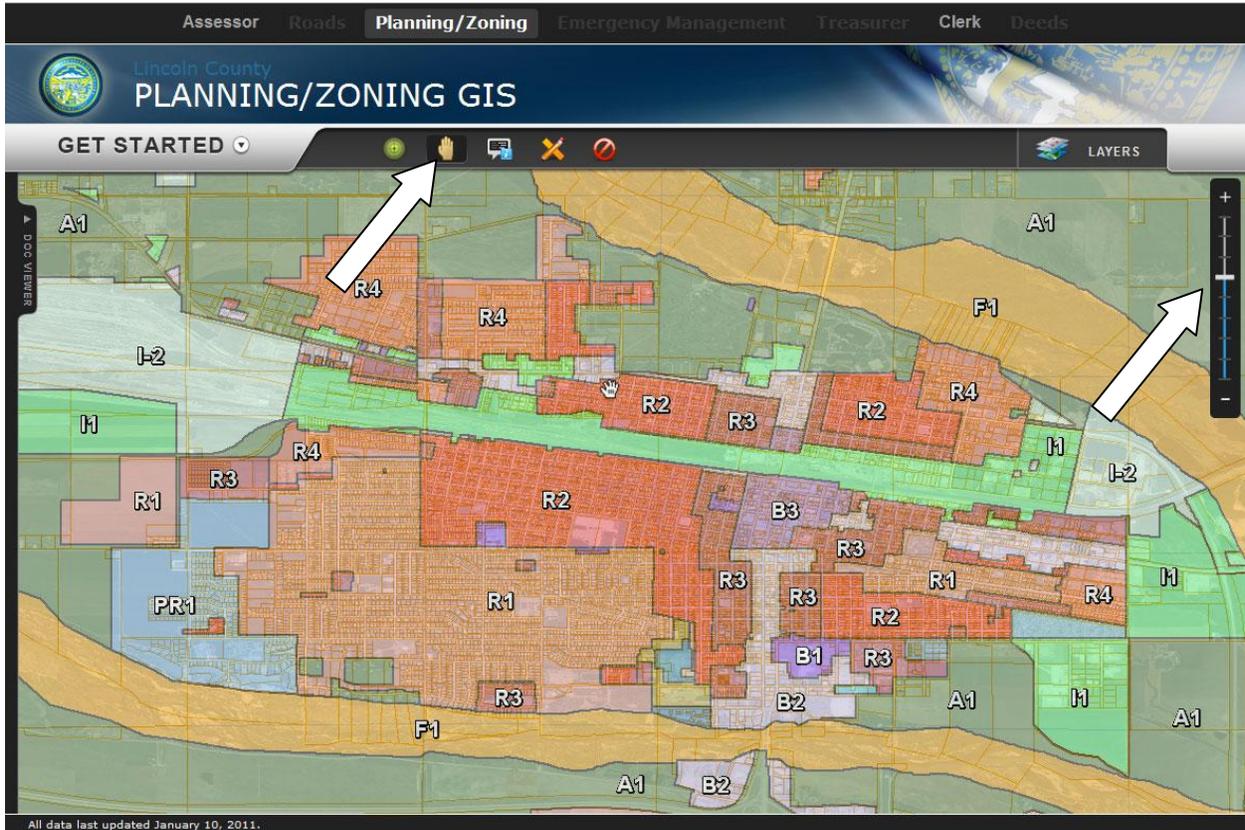


Figure 3: Zoom slider bar (right side) and activated pan tool icon (hand) in horizontal toolbar

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 4 below. Property card information is also available through the identify tool.



Figure 4: 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 5 below.

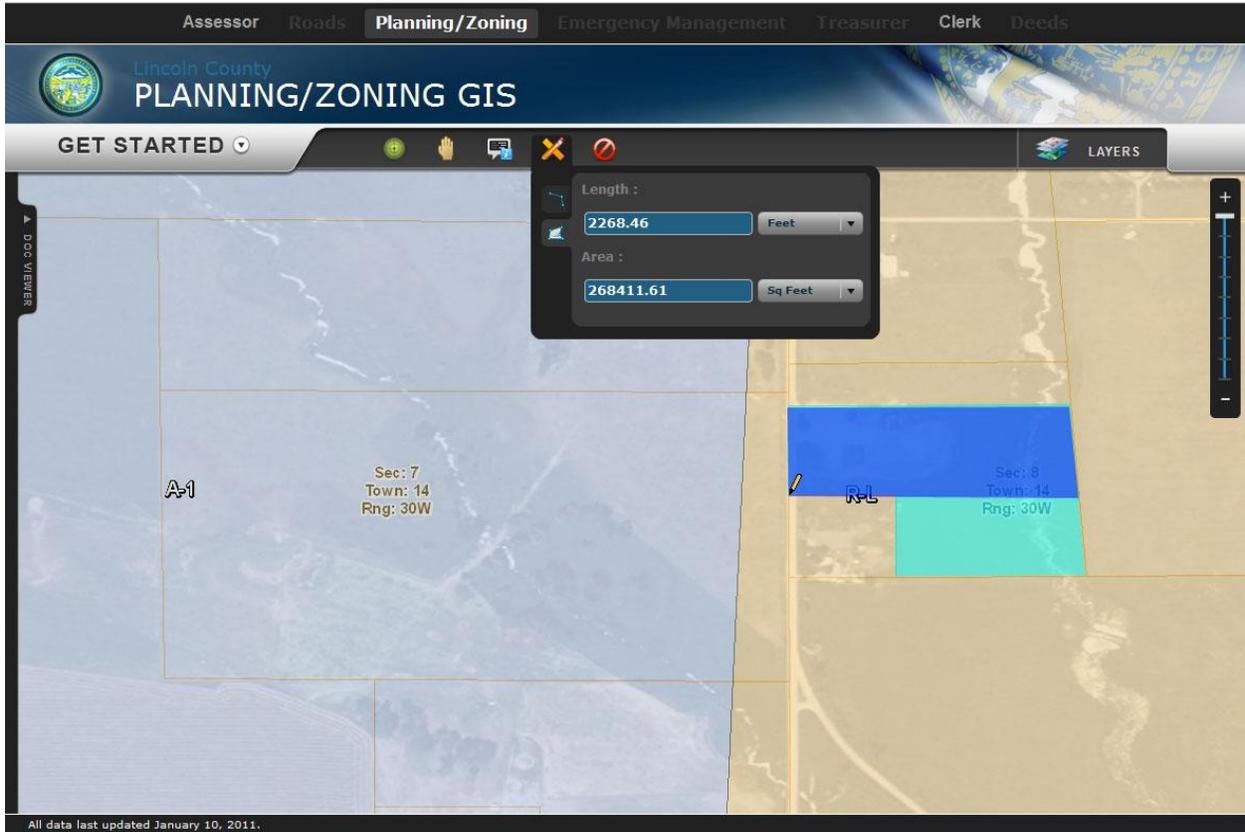


Figure 5: Measurement tool showing total length and area of the user-drawn line segments.

PLANNING AND ZONING WEBGIS FEATURES

The Planning and Zoning tab will include all the features discussed above (parcels, sections, map background, satellite (aerial) background, searching, navigation, identify and measure) plus data layers and a tool specific to the needs of the Zoning Administrator, in addition to property data (parcels and ownership information) from the Assessor’s office. The digitized maps requested by the Zoning Administrator will be displayed for internal and external access. Users will be able to turn individual layers on and off by checking a box in the layers dropdown box (Figure 6).

In Phase 1 of this project, the following layers will be included in the Planning and Zoning tab:

1. Parcels (GISW to provide from Assessor data)
2. Floodplain map (County to provide paper maps to GISW for conversion)
3. Zoning map (County to provide paper maps to GISW for conversion)
4. Wellhead map (County to provide paper maps to GISW for conversion)
5. Aerial imagery (GISW to provide latest available imagery)
6. Swine confinement map (County to provide paper maps to zoning for conversion)
7. Centerline (GISW to provide as part of current 911 project)

The Planning and Zoning WebGIS tab will include all the standard tools mentioned above. The requested Planning and Zoning tools will also be available on the tab.

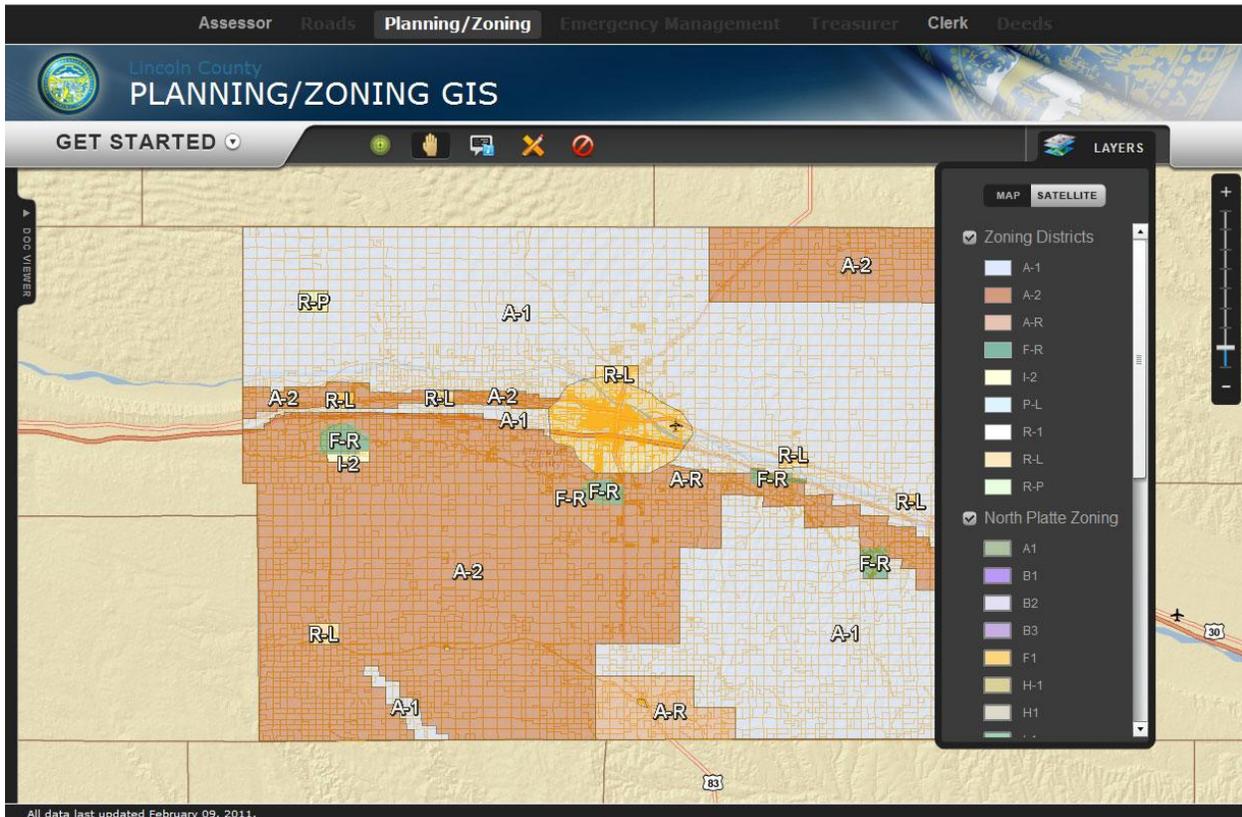


Figure 6: Layer Options

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. Figure 7 and Figure 8 illustrate the buffer tool functionality.

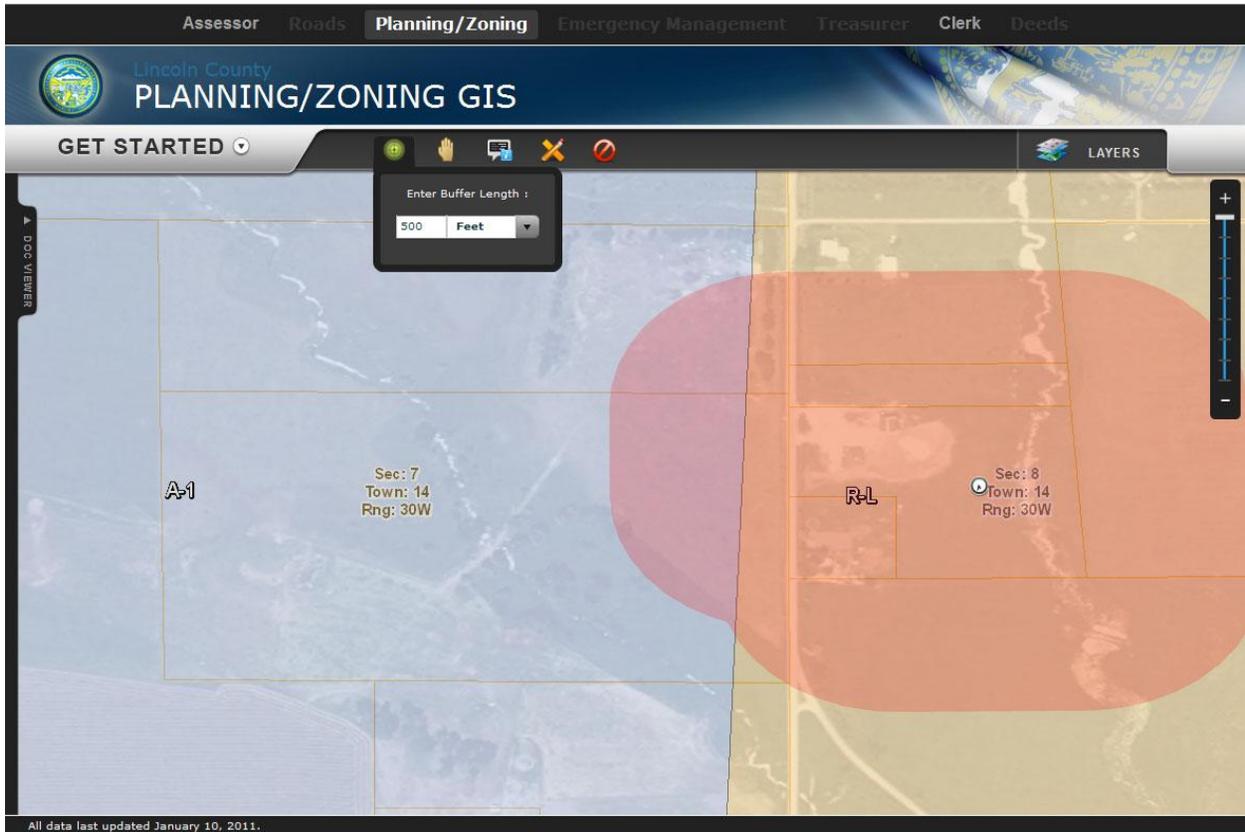


Figure 7: Activated Buffer tool with 500' radius result around the chosen parcel

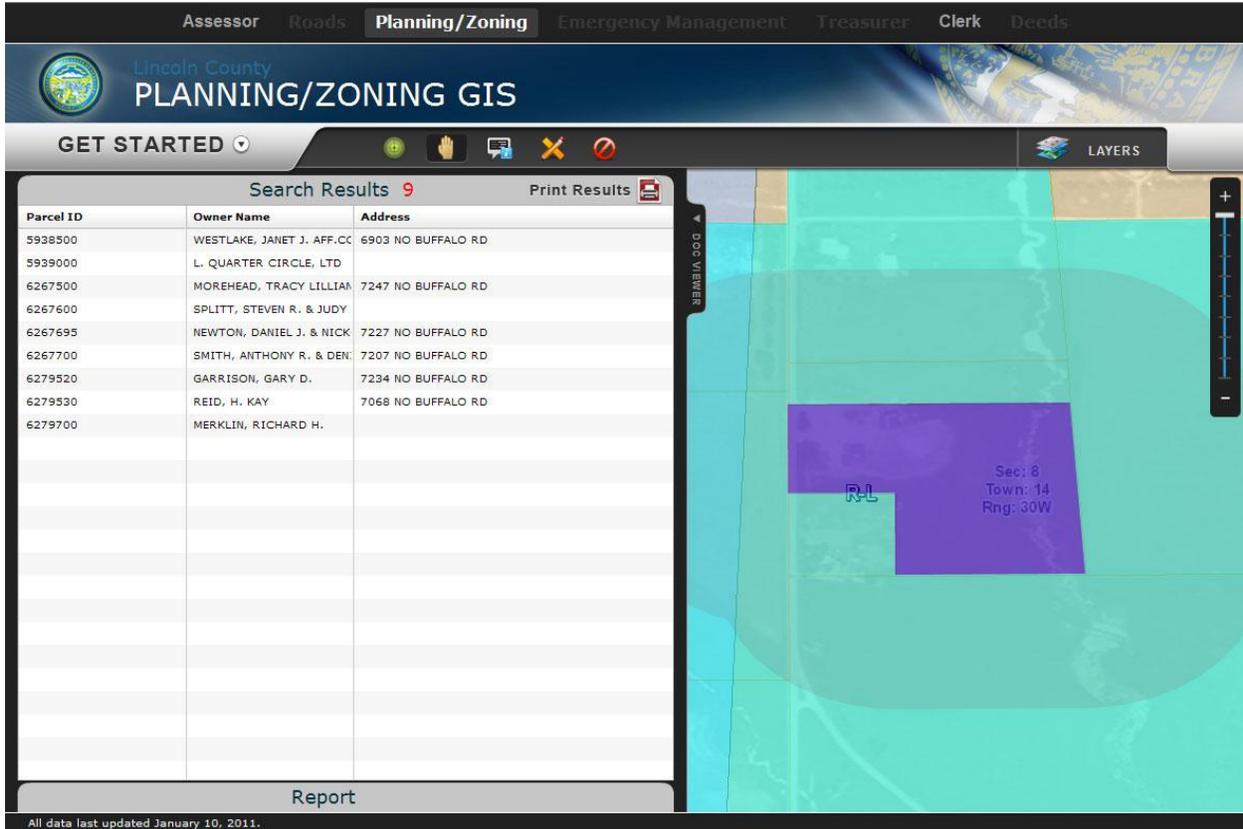


Figure 8: Property owner search results from the buffer analysis

WEBSITE MAINTENANCE

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

DATA MAINTENANCE

The Assessor data is updated every 24 hours as part of a separate contract. The planning and zoning data will be updated on an as-needed basis as part of the maintenance fees.

PROJECT SCHEDULE

The GISW team is ready to develop the Perkins 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 ten weeks or earlier after notice to proceed 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 at our standard consulting rate of \$125/hour. 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
Perkins County WebGIS	
P&Z Tab set-up	\$2,500
Yr 1 WebGIS Maintenance	\$2,500
Total Upfront Costs	\$ 5,000
Year 2 and beyond: Annual WebGIS maintenance (P&Z tab)	\$ 2,500