

LAND INFORMATION PORTAL

An Enterprise Application



Search • View • Map • Report Land Record Data

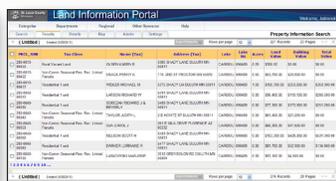
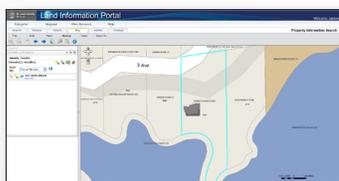
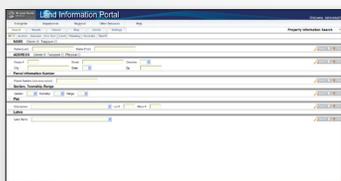
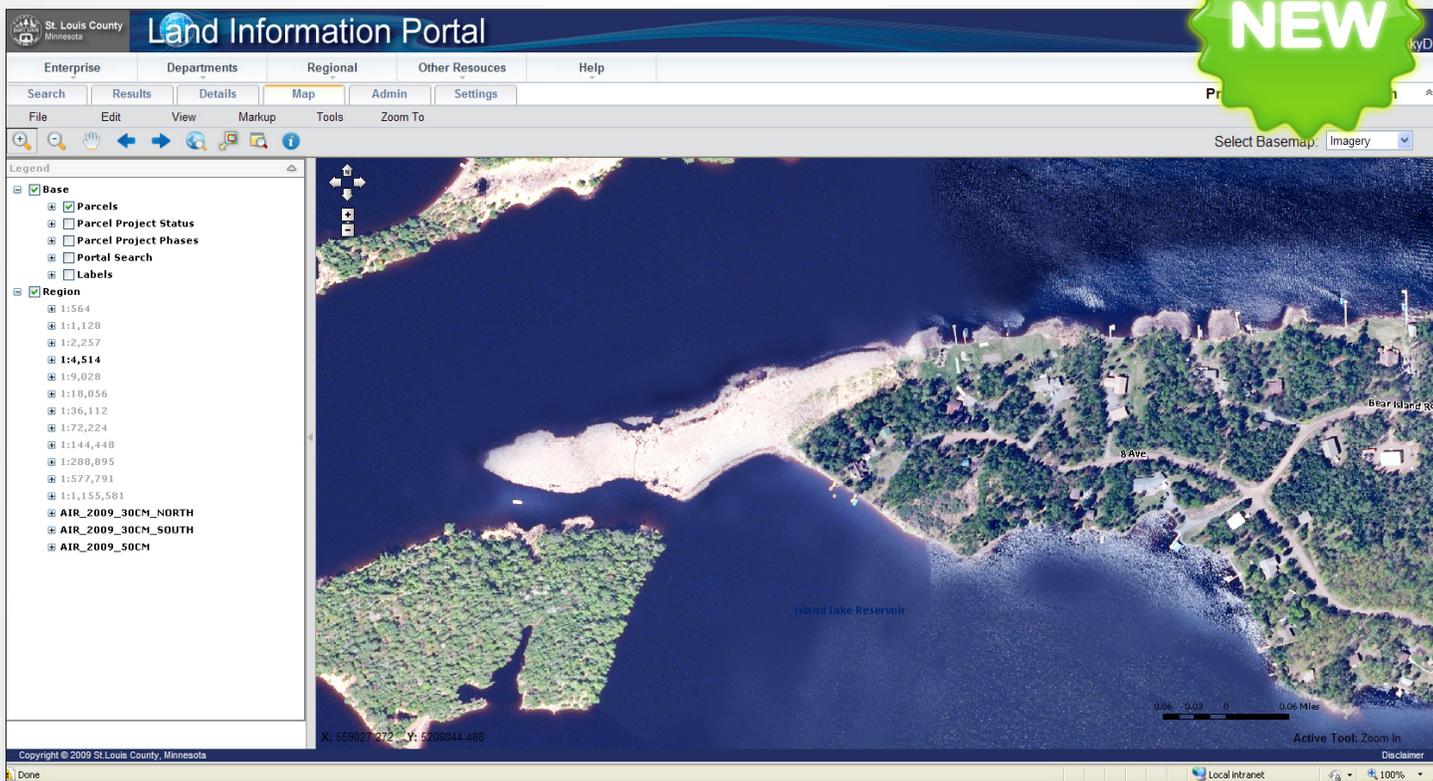
Project Description: St. Louis County announces the launch of the internal county Land Information Portal for county employees only. This is your comprehensive “one-stop-shop” gateway to land record department tabular and geospatial data that is stored across the county. It is designed to serve as a secured intranet-based mapping and data retrieval system to improve county efficiency and productivity.

Project Goal: This project provides a secured active directory driven enterprise approach to the searching, accessing, and viewing of tabular and geospatial data, and imaged documents in one environment rather than obtaining access to dozens of systems which becomes labor intensive to manage for thousands of users by MIS.

Users: Users of the Land Information Portal have the ability to conduct department and enterprise data searches, export results of those searches, create mailing labels, view property details, view maps, buffer parcels, create high quality reports, and much more.

LOOK FOR THE PORTAL ICON ON YOUR DESKTOP

Or point your web browser to:
<http://nt-arcgis-prod/stlouisportal>



SEARCH: Capable of searching across multiple inter-connected databases, using a variety of spatial and non-spatial query options.



MAP: Built around Geographic Information Systems (GIS) Framework, with customizable map displays per user input.



RESULTS: Returns large quantities of data in easy-to-use formats. Data can be exported to other formats for later use and analysis.



DETAILS: Ability to drill down into selected detail and generate reports.



What does the Land Information Portal do? St. Louis County's Land Information Portal is the result of several years of planning and effort to build an interface to county land records data that will be easily accessed and used by all county staff members. No more requesting access to multitudes of systems, data, and applications. Our development concept has always been, "simple, but powerful."

Historically, county land record data has been stored in paper files, or in systems that are designed for use by a particular department...often with limited access. The development of the Land Information Portal brings many of these databases together into a single interface. The Portal isn't meant to replace any system from which it pulls information...but it makes analyzing and using the information easier for a wide variety of county employees to **improve** overall County **Productivity and Efficiency**.



SEARCH

SEARCH TAB: Query multiple county data sources based on a variety of inputs.

- **MCIS:** Search General MCIS Data
- **Public Records & Property Valuation (Assessors):** Assessors MCIS Data
- **Auditor:** Search Auditor MCIS Data
- **Planning & Development:** Search Planning Permit Data
- **Public Records & Property Valuation (Recorders):** Recorder Data
- **Environmental Services- ES:** Search ES Data

FUNCTIONALITY

- ✓ Filter searches by querying within a panel
- ✓ Search various county databases
- ✓ Toggle between tables of data
- ✓ Search panels secured by User ID. Allows for sensitive and private searches for departments
- ✓ Data dropdowns for easy searches

Data Dropdown

General County- MCIS

Auditor

Assessor
(Public Records & Property Valuation)

Environmental
Services

Planning
(Planning & Community Development)

Recorders
(Public Records & Property Valuation)





RESULTS

RESULTS TAB: Results from the search tab can be selected, sorted, saved, and exported.

St. Louis County Minnesota Land Information Portal										Welcome, JablonskyD			
Enterprise Departments Regional Other Resources Help										Property Information Search			
Search Results Details Map Admin Settings										Export Results Rows per page: 10 591 Records 560 Pages			
PRCL_NBR	Name (Tax)	Address (Tax)	Street	CVT_NBR	CVT_Desc	School Dist	DELINQUENT	Acres	Land Value	Building Value	Total Value		
<input type="checkbox"/>	465-0000-09110	ATOL GORDON R	2771 NORTHWOODS LN DULUTH MN 55803	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$23,100.00	\$23,100.00		
<input type="checkbox"/>	465-0000-09150	LUNDEIN DAVID	8351 CONGDON BLVD DULUTH MN 55804	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$5,500.00	\$5,500.00		
<input type="checkbox"/>	465-0000-09160	PRIJATEL JAMES S	31114 163RD AVE AVON MN 56310	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$31,300.00	\$31,300.00		
<input type="checkbox"/>	465-0000-09170	STANKEY DEAN & GEORGIA	216 QUAIL PATH MANKATO MN 56001	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$37,000.00	\$37,000.00		
<input type="checkbox"/>	465-0000-09180	RICHARDS JOHN S	1040 E HARVEY ELY MN 55731	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$33,700.00	\$33,700.00		
<input type="checkbox"/>	465-0000-09190	LARSON JOHN	154 RAINBOW DRIVE #5404 LIVINGSTON TX 77399	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$1,800.00	\$1,800.00		
<input type="checkbox"/>	465-0000-09220	BROBIN JAMES F	385 3RD AVE S NEW BRIGHTON MN 55112	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$31,500.00	\$31,500.00		
<input checked="" type="checkbox"/>	465-0000-09240	SERAPHINE GREGORY	MINNEAPOLIS MN 55413	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$30,600.00	\$30,600.00		
<input type="checkbox"/>	465-0000-09320	SYVERSON LOWELL &	WAVERLY IA 50677	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$113,300.00	\$113,300.00		
<input type="checkbox"/>	465-0000-09510	STOIK THEODORE M	E ELMHURST IL 60126	465	TOWN OF MORSE	696	0	0.00	\$0.00	\$0.00	\$0.00		

FUNCTIONALITY

- ✓ Right click a row- zoom to map, view details
- ✓ Check box to select parcels
- ✓ Right click a parcel record to zoom to on the map or view details
- ✓ Custom name queries
- ✓ Save and stack queries
- ✓ Create mailing labels (Avery 5160/5161)
- ✓ Export Data to CSV file
- ✓ Email results
- ✓ Tracks data creation date
- ✓ Tracks amount of records returned
- ✓ Expand, collapse, delete searches

Mailing Labels

RICHARDS JOHN S 1040 E HARVEY ELY MN 55731	ANDREWS JAMES R 444 197th Ave N SO ST PAUL MN 55075	RUZICH MICHAEL C 528 HIGH RIDGE RD HILLSIDE IL 60182
STOIK THEODORE M 567 KEARSAGE AVE ELMHURST IL 60126	FUNARI MARILYN 3845 43RD AVE S MINNEAPOLIS MN 55408	STROM BRIAN & ANDREA 1487 N WHITE IRON RD ELY MN 55731
SCHLENK GERALD W PO BOX 1084 CHANHASSEN MN 55317	FUNARI MARILYN 3845 43RD AVE S MINNEAPOLIS MN 55408	BLANKENSHIP GEARY A & VIVIAN 2207 HWY 1 ELY MN 55731
GUSTAD PAUL A 4031 PITT ST DULUTH MN 55804	RUTLEDGE EDWARD W & LORI 1871 HIGHLAND PKWY ST PAUL MN 55116	MCENTYRE STUART & JEANNE 2141 HWY 1 ELY MN 55731
HAWTHORNE RICHARD G 4230 ABBOTT AVE S MINNEAPOLIS MN 55410	ROBERTSON RUSSELL A PO BOX 275 ELY MN 55731	ROM BARBARA JEAN TRUSTEE BARBARA JEAN ROM REVOCABLE TRUST PO BOX 177 ELY MN 55731
CHERNE MARIAN L 2706 CLAYTON RD ELY MN 55731	CORDES KAREN M 8533 CHURCH RANCH BLVD UNIT 150 BROOMFIELD CO 80021-5541	SCHOLZ TODD A & SHANNA L 2227 N HIGHWAY 21 ELY MN 55731
KNUTTI ALLAN M 2854 VAN VAC RD ELY MN 55731	VISSER DARREN PO BOX 315 ELY MN 55731-0315	FENSKIE SHELDON H & RUTHANNE J PO BOX 383 ELY MN 55731
KESS PETER D ETAL 138 E WHITE ST ELY MN 55731	CARLSON LEROY D & DANETTE R PO BOX 867 ELY MN 55731	PETERSON DANIEL J & NAN E 2383 N HWY 21 ELY MN 55731
	MERHAR MARK E 2194 HWY 1 ELY MN 55731	SCHOLZ TODD A & SHANNA L 2227 N HIGHWAY 21 ELY MN 55731
	DARGONTINA JUDITH MAY 2175 HWY #1 ELY MN 55731	ASSESSED ELSEWHERE

[Avery 5160 Labels](#)
Download a PDF file of the address labels in Avery 5160 format.

[Avery 5161 Labels](#)
Download a PDF file of the address labels in Avery 5161 format.

Note: Only labels that have an address value will be displayed.

Click to Ascend or Descend Data

<input type="checkbox"/>	PRCL_NBR	Name (Tax)	Address (Tax)	Street
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DETAILS

DETAILS TAB: Many additional details, reports and documents related to your search can be accessed in the Details Tab.

St. Louis County Minnesota Land Information Portal Welcome, JablonskyD

Enterprise Departments Regional Other Resources Help

Search Results **Details** Map Admin Settings Property Information Search

Parcel ID # (PIN): **505-0015-00800** Site Address: 6838 HWY 169 TOWER MN, MN 55790 Owner of Record: ANDERSON JEFFREY D & BETH M 6838 HWY 169 TOWER MN 55790 Taxpayer: ANDERSON JEFFREY D & BETH M 6838 HWY 169 TOWER MN 55790

[Zoom To Parcel](#) [Property Report](#)

Auditor

Summary Parcel Details Address Details Valuations\Tax Legal Description Documents Reports

PIN	505-0015-00800	Lake Number	0	School District	706
Deeded Acres	40.00	Lake Name		Commissioner District	0
Section	8	Plat Number	0		
Township	60.0	Plat Name	PIKE		
Range	16	Block			
City/Township	505	Lot			

Planning & Development

Summary Documents Reports

Recorder

Summary Abstract Torrens Documents Reports

Doc	Doc_Nbr	Doc_Date	Inst	Cd	Inst	File_Date
	00679919	Feb 7 1997	WD		WARRANTY DEED	Feb 7 1997
	00692925	Aug 5 1997	WD		WARRANTY DEED	Aug 5 1997
	00692926	Aug 5 1997	MO		MORTGAGE	Aug 5 1997

FUNCTIONALITY

- ✓ Provides data from multitudes of departments
- ✓ Click Zoom to Parcel to view on map
- ✓ Click Property Report to generate a property report (Coming Soon!)
- ✓ Toggle between tabs of departments
- ✓ Imaged Documents (Coming Soon!)
 - Planning, Environmental Services, and Assessors
- ✓ Data results based upon security
- ✓ Hyperlinks to other data
- ✓ Expand and collapse panels
- ✓ Additional data from department (Coming Soon!)

General Report- Coming Soon!

GENERAL PROPERTY REPORT

Summary: 317-0090-00740

Physical Address: 1223 WINDSOR BLVD, ELY MN 55731

Owner of Record: YARVEL DAVID J

Taxpayer: YARVEL DAVID J, 39 WY MANICAVA ST, DULUTH MN 55811-2301

Homeowner: [checkbox]

Legal Description: LOT 7A BLOCK 60

ADMINISTRATIVE DATA

CLASS CODE:	100	Section:	30	
Class Description:	100	Non-Comm. Seasonal Res. Res.	Township:	60
Deed Ref:	0	Range:	16	
CDL Area:	0	Sec:	30	
PLA Name:	0	Block:	0	
Lake / River Name:	0	Range/Block:	16/30	
Lake / River Number:	00000	City/Town Code:	210	
		School District:	2140	
		Commissioner District:	4	

ASSESSMENT & TAXES

Estimated Land Value:	\$0.00	2008	\$0.00
Estimated Building Value:	\$123,400.00	2008	\$0.00
Estimated Total Value:	\$123,400.00	2008	\$0.00
Taxable Value:	\$123,400.00	2008	\$123,400.00
Net Tax:	\$1,234.10	2008	\$1,234.10
Special Assessments:	\$0.00	2008	\$0.00
Total Payable:	\$0.00	2008	\$0.00

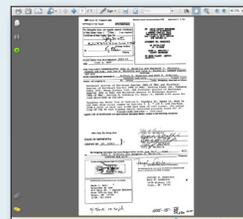
MAPS & GRAPHICS 317-0090-00740

Map: [Map showing property location]

Photometrics: [Photometric data]

Additional Images: [Property photos]

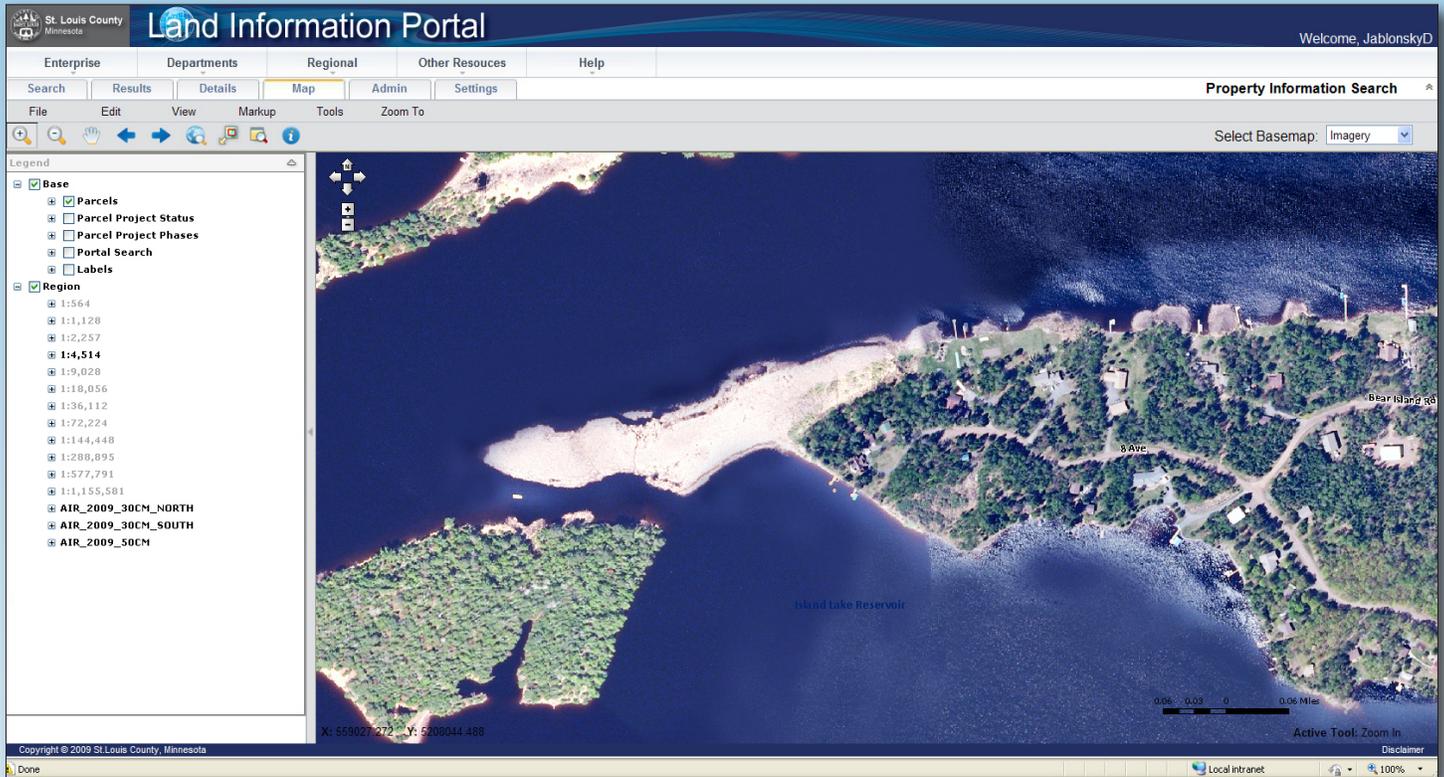
Imaged Documents





MAP

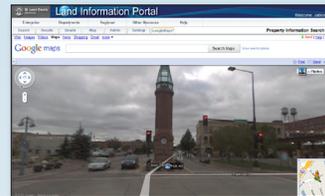
MAP TAB: Display results of searches with many layers of the county's GIS for further analysis.



FUNCTIONALITY

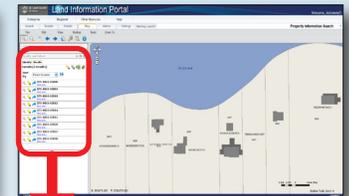
- ✓ Toggle between maps
- ✓ Save projects
- ✓ Email maps
- ✓ Drawing tools
- ✓ Measuring tools
- ✓ Bing, Google maps
- ✓ Zoom to features
- ✓ Floating panels
- ✓ Search PIN, coordinates
- ✓ Map tips
- ✓ Parcel buffer
- ✓ Highlight parcels
- ✓ Export results
- ✓ View details
- ✓ View imagery

Street View (Google and Microsoft Addin)



Google and Microsoft Street Views are integrated into the portal map framework.

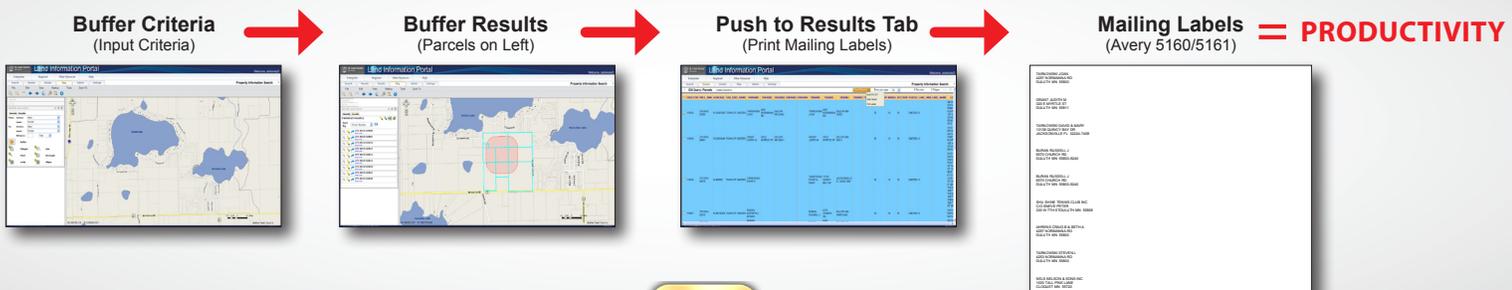
Owner Detail (with address)



Once you have selected a parcel, general details will be highlighted. From here you can view in-depth details, download, and much more

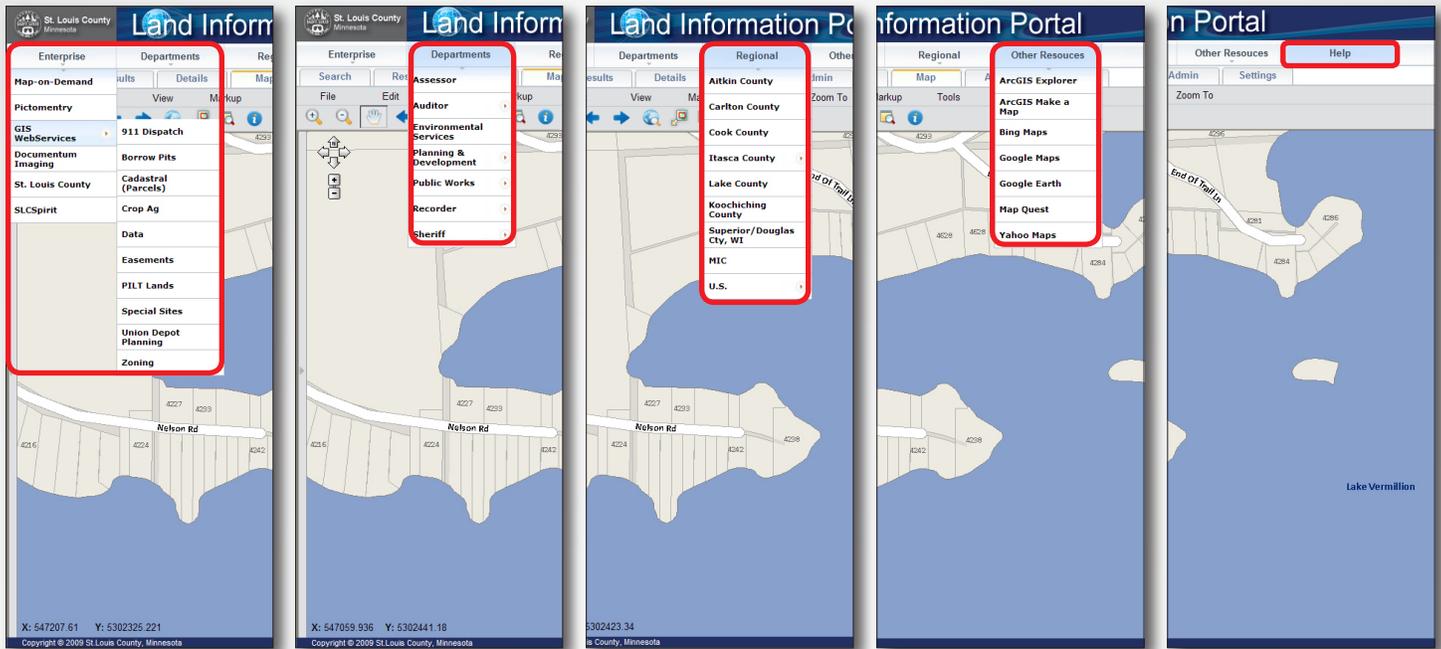
BUFFERING AND MAILING LABELS---- TIME SAVER!

The portal GIS capabilities can be used to buffer a parcel.



ABOUT MAIN MENU DROPDOWN

Menu Option: The main menu of the Land Information Portal provides secured access to numerous county and external applications. Users can launch the Land Information Portal, and access many other sites and programs without ever leaving the portal framework. **Based upon user ID and Active Directory Groups, the County will provide secured access to specific enterprise applications and web services. Essentially, this view can be tailored to your department or line of business.**



Enterprise: County Enterprise Systems.

- Pictometry
- Maps on Demand
- GIS Web Services
- Document Imaging
- County Website
- County Intranet

Department: Land Record applications by department.

- Auditor's Parcel Lookup
- Planning
- Public Works
- Recorders
- Sheriffs

Regional: Land Record Information for regional governments.

- Neighboring Counties
- State Agencies
- Federal Agencies
- Economic Development

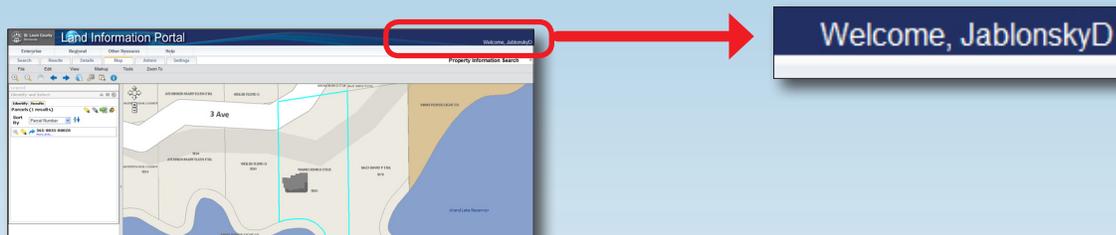
Other Resources: Popular mapping resources.

- Bing Maps
- Google Maps
- Google Earth
- Yahoo Maps
- ArcGIS Explorer

Help: Detailed Help instructions and documentation.

SECURITY & ACTIVE DIRECTORY

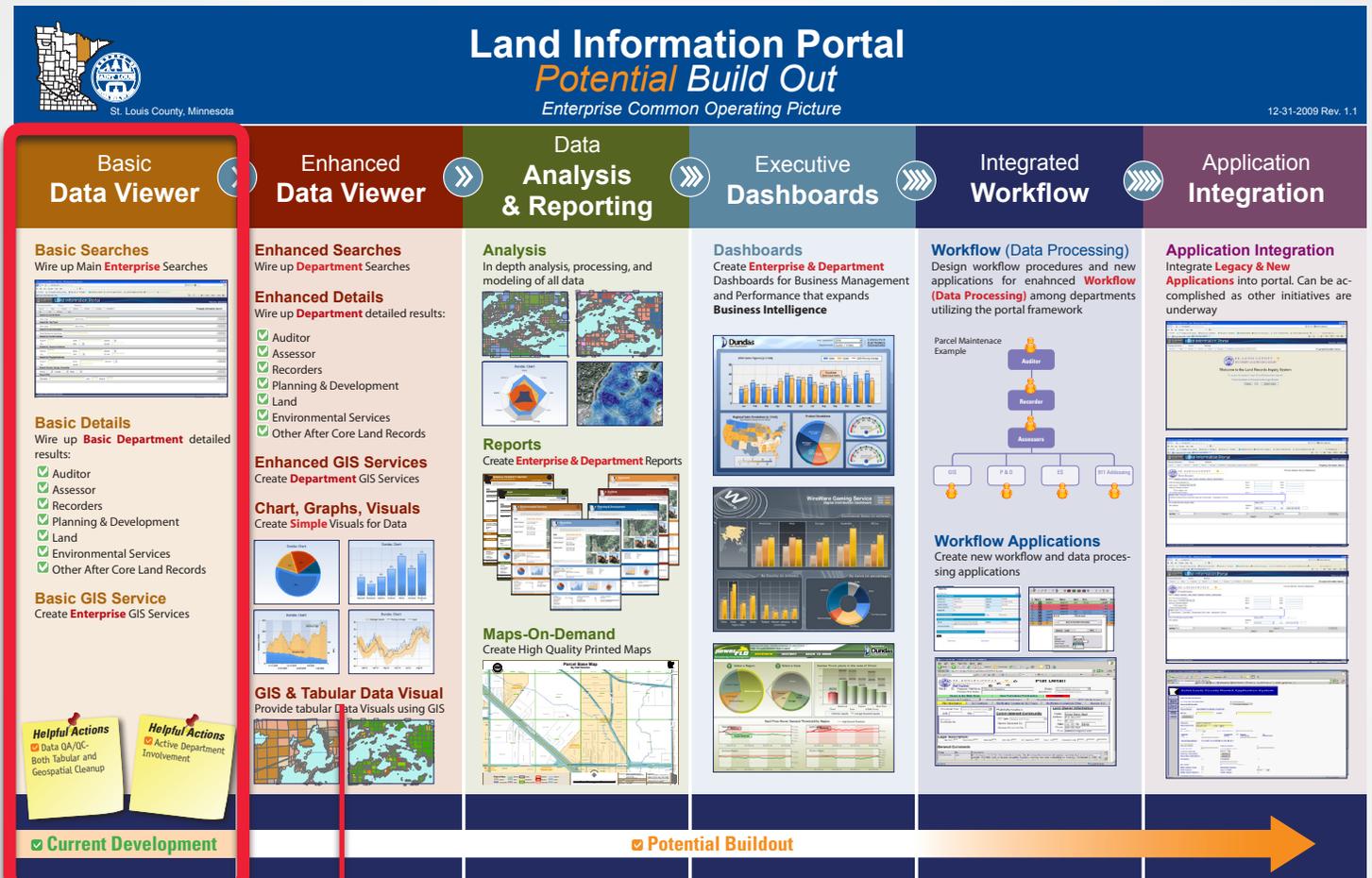
Security & Active Directory: The Land Information Portal is built around a series of security protocols that safeguard data through access permission settings. Access is generally set at the department level, but may be customized depending on line of department line of business or other variables. Not all users will see the same applications, web services, and information. The Portal does not require a unique login and password, but uses your Windows Login to authorize access to applications, searches, and data.



LAND INFORMATION PORTAL BUILD OUT

BUILD OUT

The Land Information Portal is a new product for St. Louis County, but one that will be ever-changing. At the time of its launch in 2010, most initial "Phase 1" development will be complete; although additional data, searches, reports, and QA/QC will continue. Many potential upgrades have already been identified for "Phase 2" which will begin in 2011. Looking ahead, the portal development team will incorporate additional functionality and data as needed, and as technology continually changes.



Currently

- Building Searches
- Identifying Data
- Wiring up Data
- Building SSRS Reports
- Building GIS Web Map Services
- Fixing Bugs

2011/2012

- Enhanced, Custom Searches
- Improved and Expanded Mapping
- Additional Reporting Capabilities
- "Dashboard" style charts and graphs
- Analytical processes and tools
- Workflow and Job Tracking tools
- Integrated Legacy and New applications



DEVELOPMENT OF THE PORTAL

HOW THE LAND INFORMATION PORTAL CAME TO BE...

About: St. Louis County departments create and maintain numerous databases, files, and geographic data files, but have never been able to harness the capabilities of linking them together since many departments needed information from one-another to conduct their operations. Recognizing a need for such a system, in 2005, St. Louis County's MIS and Planning Departments began to investigate options and develop a plan for a web-based Land Records Portal. Dozens of meetings were held, questionnaires filled out by departments, and technical evaluations performed, which led to the development of a Portal Business Plan in 2006.

Beginning in earnest in 2007, the Planning and Development Department and MIS initiated a Land Records Portal "Proof of Concept" to determine if the objectives of the Portal Business Plan could be created and maintained in-house. It was determined that the county did in fact have the technical resources to maintain a portal into the future, but did not have adequate resources to build the initial product from the ground up. The County has since worked with vendors to develop what is now known as the Land Information Portal into a fully-functioning Beta product.

For the past 3+ years, a group comprised of MIS and Planning staff members has been meeting as the Land Information Portal Development Team. This group has met nearly every week

since 2007 to provide policy and technical directives to the consultant team that developed the portal, as well as laying the groundwork for successful portal implementation by enhancing the infrastructure (servers, GIS enhancements, etc.) and data organization to make the Land Information Portal a reality.

In 2009 and early 2010, a group of "Beta Users" was assembled, with representation from several key "land records" departments at St. Louis County. The Beta User group included county staff members who tested the Land Information Portal and made recommendations to the development team. A series of meetings were held in late 2009 and early 2010, during which a number of changes (large scale and small) were implemented to the portal design and functions as a result of recommendations from the Beta Users.

At the present time, the portal is being rolled out for production usage, ending the development and beta phases. However, the portal development team will continue to meet and expand the data offerings and functions into the future. The Land Information Portal is not a static product; it is a **dynamic application** that will adapt to the needs of St. Louis County employees moving forward into the future.

DEVELOPMENT & BETA TEST TEAM

Portal Beta Users Group

Auditor:	Nancy Aldrich Brandon Larson Cathy Marshall Julianne Duncan
Environmental Services:	David Fink Mark St. Lawrence
Land:	Karen Zeisler Chris Johnson
Planning & Development: Assessor (PR&PV):	Jennifer Bourbonais Dave Sipila Cory Leinwander Noah Mittlefehldt Beth Sokoloski Mike Harvey Margaret Dunsmore
Recorder (PR&PV):	Teresa Hirsch Bryon Blair Tracy Doran
Sheriff / 911:	Duane Johnson Jeff Karkkainen
Administration: Attorney:	Erik Birkeland Tom Stanley

Portal Development Team Members

Planning and Development:	Darren Jablonsky Andrea Grygo Dave Yapel
MIS:	Clarence Manz Al McQueen Doug Pirila Jason Wefel Quitdee Carson

Portal Questions

Planning & Community Development

David Yapel, Planner II
218-725-5017 (Ext. 5017)

YapelD@co.st-louis.mn.us

Please sign up for training in the [Employee Relations Training Catalog](#).



TRAINING

Training Opportunities

Land Information Portal training is available through Employee Development. The first training session occurred on September 20, 2010. Fourth-quarter training is scheduled for November 30 and December 7. This training covers all the basics of accessing and using the Land Information Portal. No pre-requisites or previous experience is required. Be sure to check out the Employee Development Training Catalog for specifics and signup information. Land Information Portal training will be offered quarterly through Employee Development.

Topics will include:

- How to access the portal
- How to search & query data
- How to use results: Sorting, exporting, mailing labels
- Using the Details Tab and generating reports
- Maps and GIS applications within the Portal

Training Dates / Times:

When: Tuesday, November 30, 9AM - 12PM

Where: Virginia Northland Office Center Room 3B

When: Tuesday, December 7, 9AM - 12PM

Where: Duluth GSC 705 (Employee Development Training Lab)

FUTURE DEVELOPMENTS & ONGOING IMPROVEMENTS

Future Development: The Land Information Portal is in only its first phase of development. As departments and users identify other needed functions, and particularly data that they'd like to see added to the portal, the development team will evaluate and potentially develop these requests into future releases or updates.

It is envisioned that St. Louis County employees will begin by using the Land Information Portal to perform property information lookups then expand their usage from there. Please check out the portal at <http://nt-arcgis-prod/stlouisportal>, or by clicking on your desktop icon. Continue to check back often as new enhancements will be added regularly.

- ✓ Map Optimization
- ✓ Additional Data Searches

- ✓ Email maps
- ✓ More Data Connections

- ✓ Imaged Documents
- ✓ Ongoing QA/QC efforts

NOTE

NOTE: Certain functionality (e.g. zoom to parcel, highlight parcel, and buffer a parcel) may not work for all areas of the county. To see where parcels are complete, in the map legend click the check box next to "Parcel Project Status".

It is anticipated that the Cadastral (Parcels) Geodatabase development will be completed in the spring of 2011. This database is the GIS spatial component to property ownership. Once complete, the database will be tied into the portal so that all functionality will work.

