

Information Services

Mark Andrasik, Director

Leawood, Ks



Date: 1/9/2012

To: *Honorable Mayor Peggy Dunn, City Council,
Scott Lambers – City Administrator*

Re: *Items Accomplished for 2011*

In keeping with past practice, I've prepared a yearly update regarding our department – Information Services.

EXECUTIVE SUMMARY:

I would characterize 2011, from an Information Services perspective, as a year of completion and preparation. We completed our new website and our Eden implementation, and we are preparing for the new Justice Center. Here is a brief description of the major items we've accomplished this year.

- Completion of new Website
 - Integration of Calendar, Events, Agendas, & Minutes
 - Homes Association & Subdivision Map
 - Leawood Interactive Map
 - Monthly Website Statistics
 - Development Comments
 - Ward Map
- Eden
 - Went Live on Code Enforcement Module
 - Went Live with Web Extensions Applicant Tracking
- Rebuilt Data Communication Infrastructure
- Preparation for Justice Center
- Police In-Car Video, Laptop, & Wireless System

Some of these projects are more high profile in nature and others are more behind the scenes types of changes. Regardless, all are important and critical to our day-to-day operations. As with any department of the City of Leawood we continue to be fluid to the business of the day. With all the projects we've completed and are still working on,

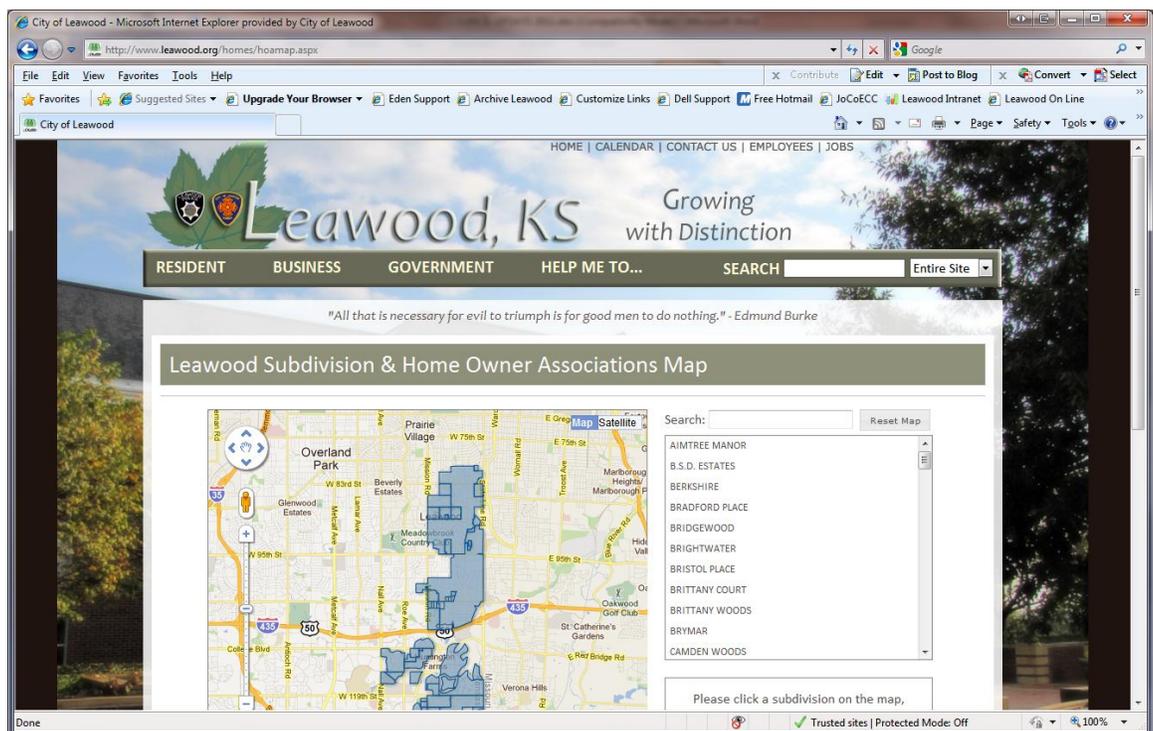
to the day-to-day activities which are required, to the work associated with the future Justice Center, I'm very pleased at both the quality and quantity of work we've accomplished. This is directly due to the efforts of Scott Smith, Karl Weinfurter, and Jack Reece. Thanks guys for all of your hard work – it makes a difference. Information Services will remain diligent in our responsibilities and enthusiastic about new opportunities as we head into 2012.

DETAIL:

In this area I will highlight and detail specific items we accomplished.

Went Live on New Website – www.leawood.org – On January 7th we went live on our newly re-designed Leawood website. Response has been very good indicating we hit our mark. The site is designed to be dynamic, warm, easy to navigate, and flexible – we've added rotating pictures, more color, and a new menu structure. Since that date we've completed a number of upgrades including but not limited to the following:

[Homes Association Website Map](#) – Users of the website can visualize the subdivision boundaries on an interactive Google map as well as access data if provided by the Homes Association. Most users have had experience with Google maps and the associated tools so this just helps leverage that experience, Google's Fusion tables, and AIMS data. This is a situation where "cloud" computing works for Leawood.



[Leewood Interactive Map](#) - Leveraging Google Maps and the knowledge gained by programming the Home Owners Association / Subdivision map, Scott Smith has completed another enhancement to our website. Users should be able to view Parks, Facilities, Public Art, and Public Schools via a familiar Google Map. When you select one of the “balloons” you’ll get information specific to that park, facility, etc. and you’ll be able to click a link to gather even more information.



[Document Management & Calendar](#) – This was the integration of our agendas, minutes, city calendar, and events into one master database. When clicking on the calendar and the associated City Council meetings you can view, if posted, the agenda & minutes. This has been integrated for all committees where agendas and/or minutes have been posted in the past including the Plan Commission, Sustainability Advisory Board, Golf Course, etc.

Monthly Website Statistics – Created a secure webpage that allows us to display a summarized and detailed monthly report of website activity. Each month I provide a brief overview of that month’s activities along with a detailed website PDF report. In addition we include recreation registration statistics for the web.

Development Comments – We’ve created a box to replace the “Highlighting Leawood” box that would provide a location for citizens to comment on a specific development. The user would click on the box, provide name, address, email address, and their specific comment. We would receive an email of this comment and be able to provide them to the appropriate people. This is only active upon request of the City Administrator.

Ward Map – Along the same lines as the Homes Association Map a Ward Map using Google Maps has been created. You can zoom, pan, and click on the map to gather more information.

Eden Implementation – this year we completely finished the implementation of the Eden project. The Eden project was able to expand to incorporate other modules not included in the original scope of the project (integrated finance and human resources software implementation). Due to its success and coming in under budget we were able to finish another two modules this year – Code Enforcement and Applicant Tracking via the web.

Code Enforcement – We went live on the Code Enforcement module January 1, 2012. Eden Code Enforcement module tracks all the necessary information required to manage code enforcement issues. The Code Enforcement module can be used to track and maintain all types of complaints, violations and inspections for unlimited case types / ordinances. We’ve written a number of custom reports using Crystal Reports. Reports that took many days if not weeks to gather are done in minutes. This information integrates with our Parcel Manager and General Ledger modules within Eden.

Applicant Tracking via Web – We went live on the Applicant Tracking Web module in May of this year. Working with Eden programmers we were able to get a good working module deployed for the tracking of our job applications via our website. No longer do we have to provide our departments with hard copies of their applications they can now access them electronically.

Data Communication Infrastructure – After a thorough review of vendors, gathering subsequent bids, and negotiating a contract, we’ve improved our building to building and internet connectivity. TW Telecom was our selected vendor. Our data connectivity speeds have increased substantially allowing us to use more aspects of our technology and accessing it more quickly. We are able to deploy software, access data and the internet, and run our programs more efficiently and faster. Although not a lot of print is given to this, this was a major undertaking and the net impact has been very positive.

Preparation for Justice Center – With the pending construction of the new Justice Center there have been many projects related to the technology and design within the new facility requiring much time and effort. This preparation has consumed a large amount of our time. We think the efforts now will bear fruit when the construction is complete.

Fiber Ring – We are in the process of designing the fiber ring that will connect City Hall to the Justice Center. This fiber will carry voice, data, radio, and video traffic from one facility to the next. We've secured a firm to design, help bid, and inspect the fiber construction. The fiber should connect us to Overland Park and the County, as well, at very high speeds.

Building Design & Technology – After many long meetings with staff and the architectural firm we've provided input necessary for the design of the new facility. Our server room, I.T. rooms, and offices, have required substantial thought and input. Power and HVAC requirement for both existing and future needs have to be determined. Many projects have been started related to the phone and data systems, building access and security, in-building wireless, audio and video systems, radio, television, and cabling. All of these impact design, location, capability, and require a large amount of planning, analysis, and hard work. We've enlisted the help of vendors where appropriate and done a number of on-site reviews of other facilities to determine what will be best for Leawood.

Police In-Car Video, Laptop, & Wireless System – In late 2010 we were informed that ICOP, the manufacturer of our current mobile video recorders (MVR) for our patrol vehicles was going out of business. Upon getting this news we began researching replacement systems. We focused on three systems L3, Coban, & Panasonic, eventually selecting the system from [Panasonic](#) using [Utility's Rocket wireless system](#).

In the same process to take advantage of bulk purchasing we requested a quote for the replacement of our in-car Panasonic laptops – scheduled to be replaced this year. This system has dramatically improved video and audio and requires less storage space. Video can be uploaded wirelessly to the stations main system when a police vehicle comes into range of the police station. Additionally, when away from the station the system automatically converts from WiFi to cellular broadband wireless. We look to install over 20 systems in 2012.

□ **Other Items**

- Upgraded Major Software packages – Eden, FullCourt, GBA, Firehouse
- Pilot iPad2's for Fire Department – Field Inspections
- REJIS Implementation
- Budget All Employee Salary & Benefits for 2011 & 2012
- Website Content Updates
- Major Antivirus & Spyware Upgrades
- NetMotion
- Windows 7 Service Pack 1
- Year End Personnel Analysis (Wages & Benefits & Overtime)
- Crystal Reports
- Total Compensation Reports for Human Resources
- Full Parcel Imports from Johnson County
- Recycled Computers
- Expanded Leawood Intranet
- Server, Desktop & Laptop Replacements
- PCI Training & Compliance

We continually strive to improve our systems, secure our network, enhance our capabilities, while maintaining our existing investment. We are excited about our future as we head into 2012 and are thankful for the support and opportunities to serve the Mayor, Governing Body, City Administrator, and Citizens of Leawood. Please contact me if you have any questions.

Sincerely,

Mark Andrasik
Director of Information Services