



Regional Cross-Boundary Initiatives

Oakland County, Michigan

October 30, 2007

Oakland County, Michigan continues to be a leader in cross-boundary initiatives for the betterment of Southeast Michigan. In today's tough economic environment there is a need for governments to break down barriers and share resources. Oakland County has either been a leader or a participant in numerous regional efforts that have transformed the way government provides services to citizens. This document will detail these efforts.

Program/Project: Canton Township Department of Public Safety CrimeWatch Web Site

Description: In early 2005 Oakland County launched an effort to provide public safety data on the web utilizing the structure of the Community Policing Model. This data provides instances of crime as well as the efforts expended by public safety to combat the negative consequences resulting from these instances. The Canton site won a Michigan Digital Government Award from Government Technology Magazine. This initiative was the first to win this award crossing over County boundaries.

Stakeholders: Oakland County Information Technology, Canton Township (Wayne County), Public Safety Agencies in SE Michigan

Role: Oakland County designs, builds, hosts and maintains the CrimeWatch Web Sites on behalf of the local municipalities within the County borders. Oakland County will perform the same functions for Canton Township.

Funding: Oakland County funded the CrimeWatch Web Sites, within the County borders, with a General Fund Appropriation

authorized by the Board of Commissioners. Canton Township funded the incremental costs of adding onto the existing infrastructure.

Program/Project:	eGovSharing Collaboration Web Site
Description:	Officially launched at the 2007 Michigan Digital Government Summit held in Lansing, this web site provides a tool for local units of governments across the State of Michigan to share information and resources related to existing and/or future eGovernment technology initiatives. This web site is designed to enable communication and possible collaboration opportunities for projects in which common resources, funding and models exist. It provides links to strategic plans, Requests for Proposals, white papers, standards and more from various governments across Michigan so that individual governments do not have struggle with technology implementations on their own.
Stakeholders:	Potentially all units of government in the State of Michigan; Information Technology professionals serving governments in the State of Michigan
Role:	Oakland County has taken the leadership role in developing the web site, serving as its primary Administrator to facilitate discussions and postings, and has actively promoted its availability and use through direct mail, telemarketing, and promotional materials.
Funding:	The project is funded through Oakland County's Department of Information Technology, eGovernment Program Services budget.

Program/Project:	CLEMIS Link Web Site
Description:	CLEMIS Link is a secure, password-protected web site that will be available to police and public safety agencies throughout Southeastern Michigan by January 2008. It strives to break-down the jurisdictional boundaries that currently exist by allowing police officers to access information, and information systems, in a web-based environment, which will potentially reduce crime activity and improve data sharing. Officers may submit information to be posted to the site, which in turn provides notification to all jurisdictions of in-progress crime activities, as well provide data on suspects, potential whereabouts, discussions on crime activities, and other information to help law enforcement agencies better share information.
Stakeholders:	All police and public safety agencies participating in CLEMIS from Oakland, Wayne, Washtenaw, Livingston and Macomb counties, including the Michigan State Police, the FBI and the FIA.
Role:	Oakland County has created, developed and will maintain and support this project in its entirety through the CrimeWatch program (part of CLEMIS).
Funding:	Oakland County funded the CrimeWatch Program, within the County borders, with a General Fund Appropriation authorized by the Board of Commissioners. The cost to support external (outside Oakland County) agencies is absorbed by the CLEMIS and eGovernment Program team budgets within the Department of Information Technology.

Program/Project:

OakNet

Description:

The OakNet fiber optic network provides more than 400 miles of high-speed broadband internet network access throughout all of Oakland County, as well as connecting directly to Macomb County, Livonia and Warren. It facilitates the cost-effective delivery of information systems and Internet access to municipal, police and fire agencies, including some local units of the FBI, FIA and Michigan State Police. In addition, outside county borders, it provides a cost-effective way to connect approximately 70 police and fire agencies to CLEMIS systems and services in Washtenaw, Livingston, Macomb and Wayne counties.

Stakeholders:

See attached spreadsheet detailing scope of OakNet-enabled service areas.

Role:

Oakland County installed and maintains the network and provides support to all customers in Southeastern Michigan region.

Funding:

Program/Project: Urban Area Security Initiative

Description: The Southeast Michigan UASI Board was created in 2006 in an effort to take a regional approach to preparing for and recovering from acts of terrorism. Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne Counties, along with the City of Detroit are included in the region; each jurisdiction has one seat on the regional board. The Board appointed 7 investment committees that cover all different investments of homeland security. They make recommendations to the board regarding what projects to fund to strengthen that investment.

The investment committees are:

- Interoperable Communications
- Responder Safety
- Responder Capability
- Organizational Structure
- Regional Training
- Critical Infrastructure
- Information Sharing

Stakeholders: Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne counties, the City of Detroit along with all cities, villages and townships within the region.

Role: The role of the UASI Board is to approve the projects recommended by the investment committees

Funding: UASI funds comes from the Federal Government through the Homeland Security Department and is passed through the State. In 2006, funding was \$18.5 million.



Wireless Oakland Program

<http://www.wirelessoakland.org>

Contact: Phil Bertolini, Deputy County Executive/CIO

248-858-0815

bertolinip@oakgov.com

Overview

What is Wireless Oakland?

Wireless Oakland is an initiative launched by County Executive L. Brooks Patterson that consists of three goals:

- Blanket the County's 910 square miles with wireless internet service and provide free high speed internet access to every resident, business, and visitor in the County. A wireless internet blanket throughout Oakland County will provide seamless access to the internet, email, and other internet services anywhere in the County.
- Address the "digital-divide" that exists within Oakland County and provide low-cost or no-cost PC's and technology training to vulnerable population groups.
- Develop a Telecommunication and Technology Planning Toolkit for Local Governments that supports continued high-tech investments in local government and promotes the integration of those investments with local community character and quality of life.

Benefits of Wireless Oakland include:

- Improving the County's ability to attract and retain businesses
- Enhancing the residential character of the local communities
- Allowing for a rapid expansion of the County's growing mobile workforce
- Reducing the costs, and improving the reliability of mobile computing
- Elevating the technical knowledge of the County's current and future workforces
- Supporting the continued development of Oakland County's eGovernment services well into the future

Where We Were

- In early 2005, the County completed a national review of similar initiatives, and developed a unique approach which is founded heavily on successful public/private partnerships, a mix

of “free” and “for fee” services, and technology investments already funded by the residents of Oakland County.

- The county released a Request for Qualifications (RFQ) in April 2005, and after an extensive review process, and a successfully demonstration project the private sector partner, MichTel Communications, LLC was selected in October 2005.
- Portions of seven local communities were targeted for a high speed wireless internet service pilot project. The pilot areas are portions of the following communities: Birmingham, Madison Heights, Oak Park, Pontiac, Royal Oak, Troy, and Wixom. The pilot areas total over 18 square miles, and will service approximately 35,000 households and 80,000 people.
- Oakland County worked with attorneys from the seven pilot communities to develop standard interlocal and license agreements, which outline the terms and conditions of use of local assets for the project, including the waving of all fees. All local units of government have signed the standard interlocal agreement. Additionally, a key contract has been executed between MichTel and DTE for utility pole collocations.
- MichTel added several partners to round out their team including Cisco, Microsoft, Johnson Controls, Inc., XTnrgy, Dykema, LeCom, RF Connect, Giarmarco, Mullins & Horton, P.C., Huntington Bank, SMZ Advertising, and UHY Advisors.

Where We Are

- The initial Phase 1 installation is complete in each of the seven Phase 1 areas. Service is available and being taken advantage of in each of these areas.
- To date, more than 7,000 users have signed up for the free service, and nearly 100 users have upgraded and are now using the for-fee services. Over 3 million minutes of free internet have been consumed which demonstrates how important access to the internet truly is.
- The network is currently being evaluated to assess the level of coverage and quality of service so gaps in the service area may be addressed by adding or adjusting the wireless access points that populate the Phase 1 communities.
- Concurrently, the project team is working with Oakland County Planning & Economic Development to complete the third goal of the Wireless Oakland initiative. This will be a resource for local government agencies within Oakland County looking to prepare their communities for future technology investments.

Where We Are Going

- The pilot evaluation is providing valuable engineering information that is being incorporated into the full county deployment schedule. MichTel Communications has been exercising what they have learned from the Phase 1 build-out to ensure that the most accurate schedule possible is released by September 2007.
- As implementation of the Wireless Oakland network continues, implementation of Wireless Oakland’s remaining goal will begin. Foundations, grants, public sector partnerships, private sector partnerships, and the educational community in Oakland County will be brought together to bridge the “digital divide.”

For more information about Wireless Oakland please refer to the Web site

www.wirelessoakland.org or contact wirelessoakland@oakgov.com.