



MCAMLIS Project Update

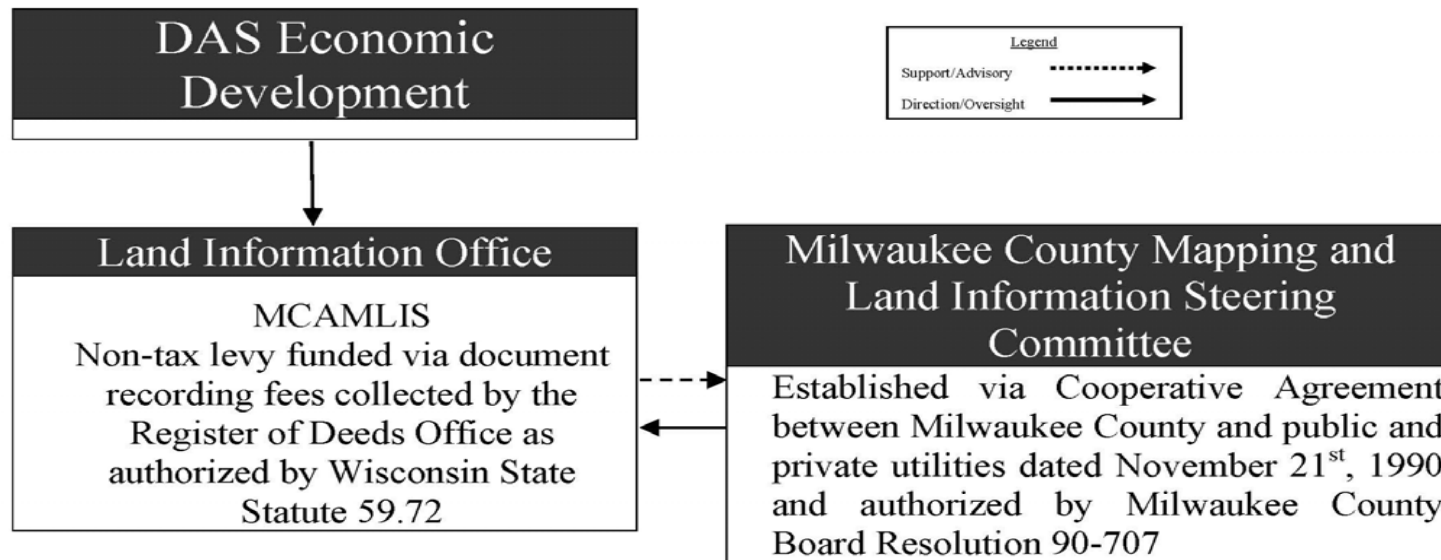
Milwaukee County ECD Committee Meeting

William Shaw – MCAMLIS Project Manager

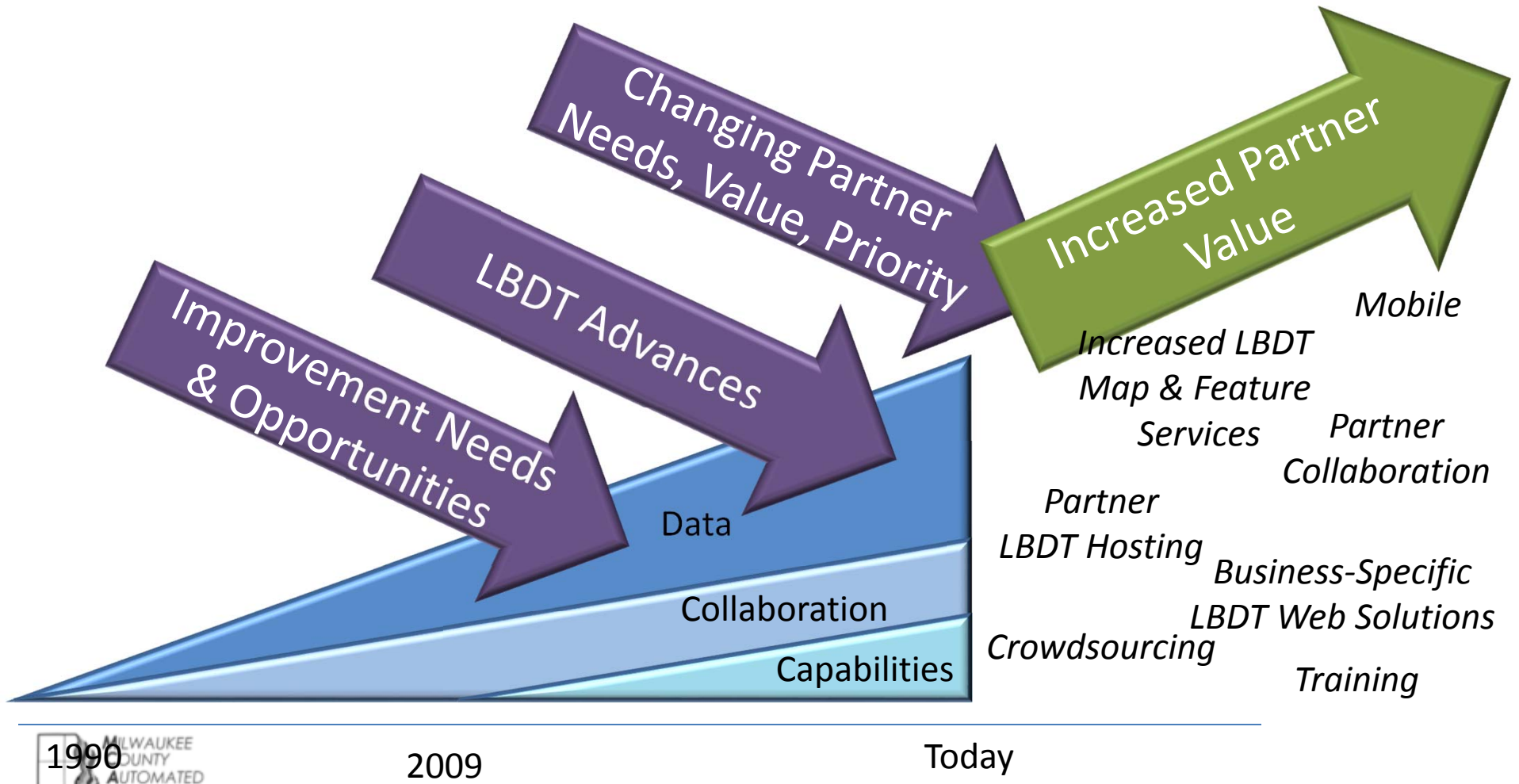
July 21st 2014



Milwaukee County Land Information Program



MCAMLIS Direction



MCAMLIS Partner Organizations

- Village of Bayside
- Village of Brown Deer
- City of Cudahy
- Village of Fox Point
- City of Franklin
- City of Glendale
- Village of Greendale
- City of Greenfield
- Village of Hales Corners
- Village of Whitefish Bay
- SEWRPC
- WE Energies
- City of Milwaukee
- Milwaukee County
- City of Oak Creek
- Village of River Hills
- Village of Shorewood
- City of South Milwaukee
- City of St. Francis
- City of Wauwatosa
- City of West Allis
- Village of West Milwaukee
- MMSD
- AT&T



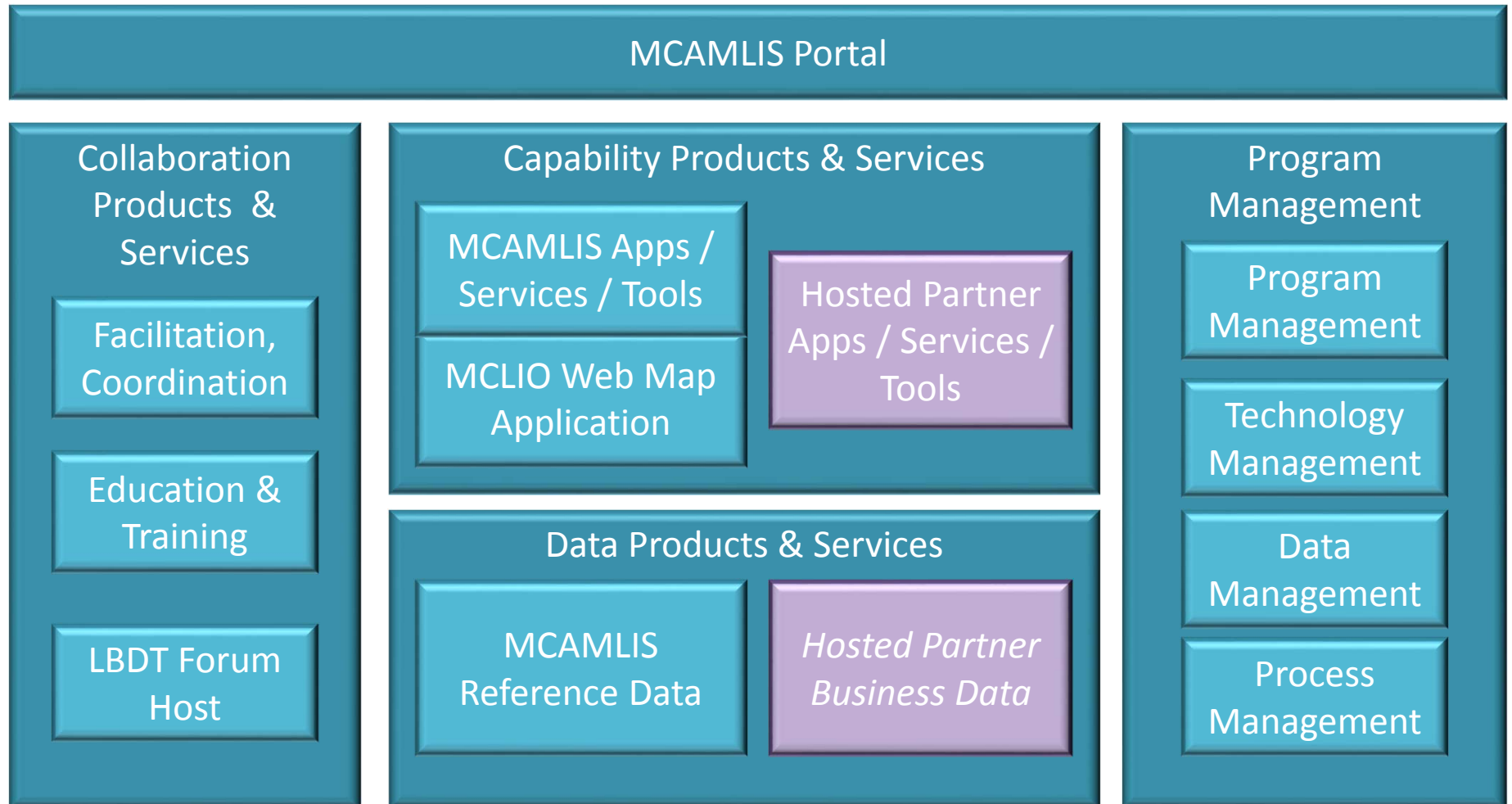
- Over 100 stakeholders provided input
- Included Executives, Managers, Staff

MCAMLIS 2014-2018 Improvement Work Plan

		FY2014				FY2015				FY2016				FY2017				FY2018				Project Budget		
Project Code and Name		# of Tasks	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q4	
VWR	Viewer/Pictometry Improvement Roll-out	2	■	■	■																		\$70,000	
MBL	Mobile-Based Capabilities Implementation	3			■	■	■	■																\$80,000
COL	MCAMLIS/Partner Collaboration Improvement	5	■	■	■	■	■	■	■	■	■													\$135,000
MOL	MCAMLIS Online Presence Improvement	7	■	■	■	■	■	■	■	■	■	■	■	■	■									\$494,000
DAT	MCAMLIS Data Improvement	6	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■				\$395,000
Annual Budget																								\$1,174,000



MCAMLIS Program



Mobile Project
(MBL)

Online Presence
Project (MOL)

MCAMLIS Program

MCAMLIS Portal

Collaboration
Products &
Services

Facilitation,
Coordination

Education &
Training

LBDT Forum
Host

Capability Products & Services

MCAMLIS Apps /
Services / Tools

MCLIO Web Map
Application

Hosted Partner
Apps / Services /
Tools

Data Products & Services

MCAMLIS
Reference Data

Hosted Partner
Business Data

Program
Management

Program
Management

Technology
Management

Data
Management

Process
Management

Collaboration
Project (COL)

MCAMLIS Data
Project (DAT)

Viewer Project
(VWR)

MCAMLIS 2014-2018 Work Plan

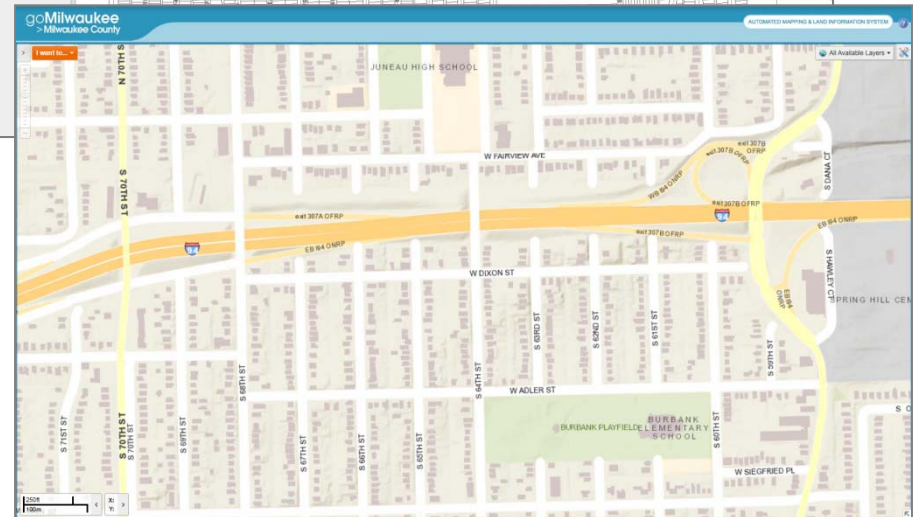
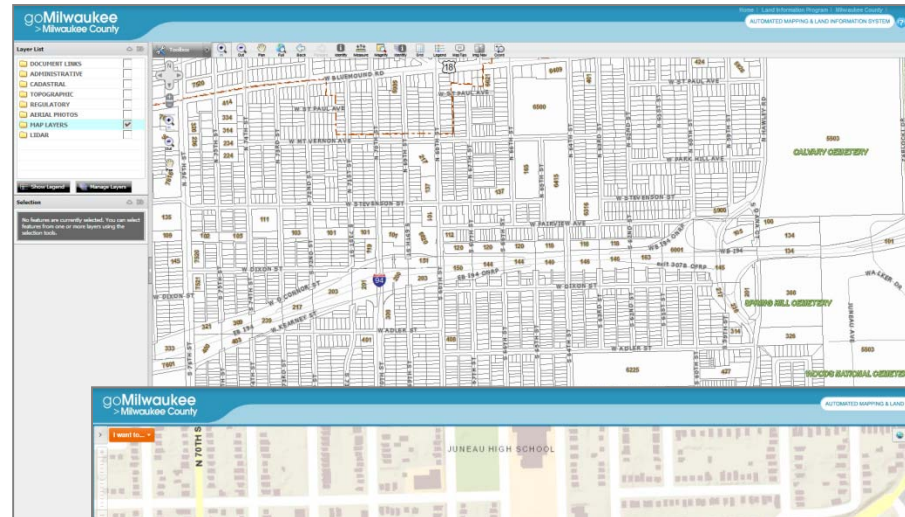
PROJECT OVERVIEW



Viewer (VWR) Project

Viewer Improvement Roll-Out

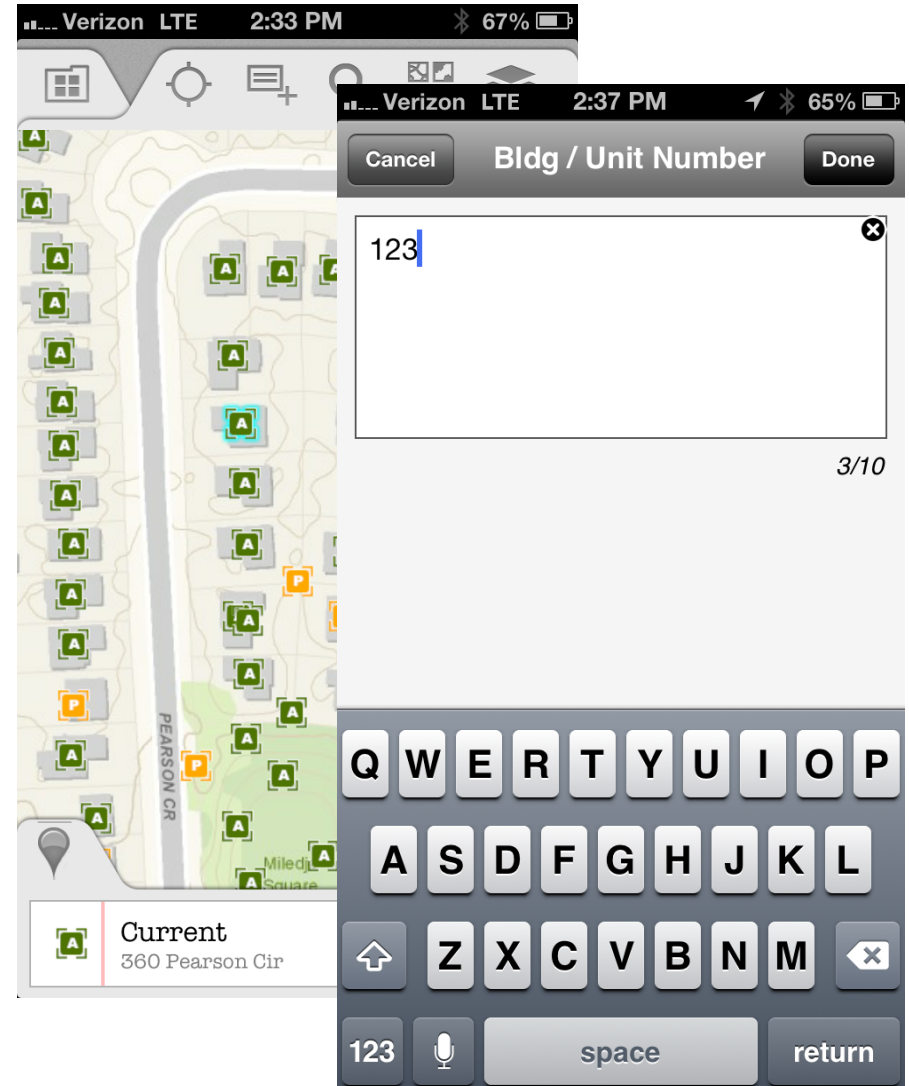
- Deliverables
 - Outstanding Viewer Capabilities
 - Data Extract Service
 - Online Doc on how-to/ improvements
 - Training (classroom &/or Online)
 - Pictometry Access
- Benefits
 - Enhanced user interface
 - Faster response times
 - More reliable service
 - On-demand ability to obtain copies of MCAMLIS data



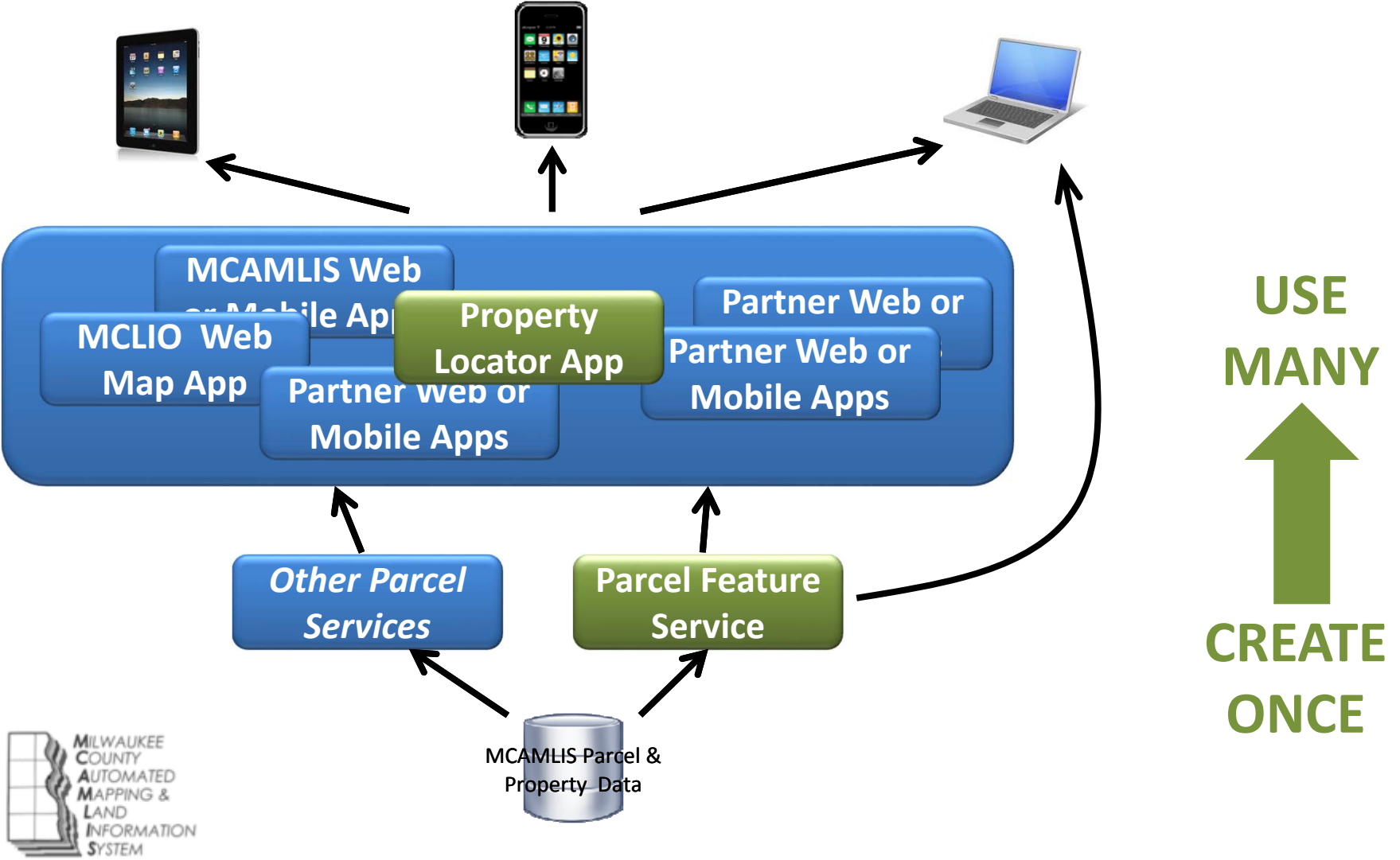
Mobile (MBL) Project

Mobile-based Capabilities Implementation

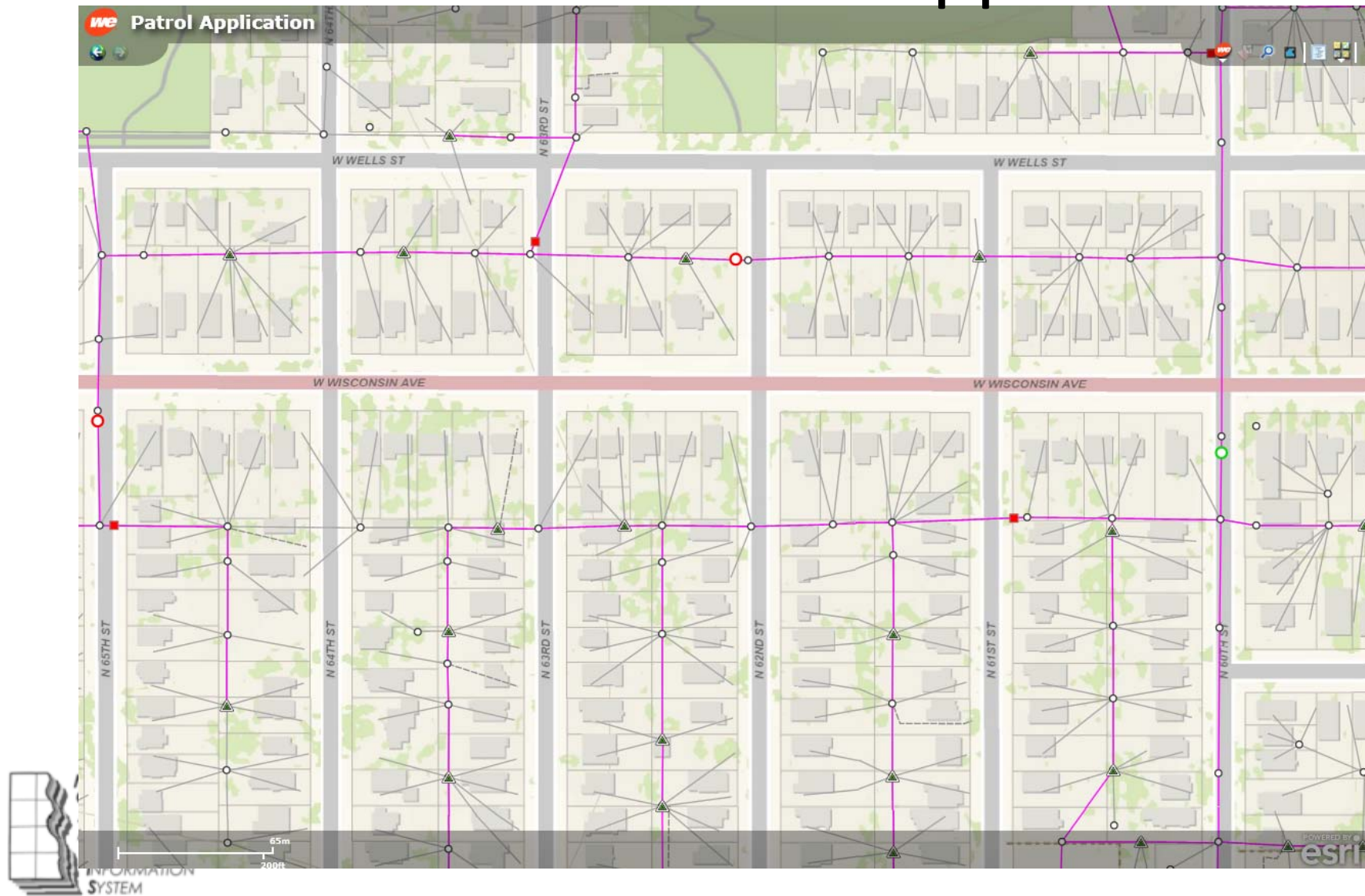
- Deliverables
 - Deployed Property Locator App
 - Parcel Data Feature & Map Services for Partner Apps
 - Online How-To Doc
 - Prototypes of MCAMLIS Services in example partner apps
- Benefits
 - On-demand access to Parcel / Property data based on your location in the field
 - Parcel/Property services available for Partner Apps



MCAMLIS Property Locator Mobile App, Parcel Feature Services





We Energies Circuit Patrol Mobile Application



MMSD

Kinnickinnic River Real Estate Status Map

●●●○ Verizon LTE ✱ 8:37 AM ✱ 92% 

mmsdgis.maps.arcgis.com 


KK Real Estate Status Map (Public)

View-only web map of KK Real Estate Status Acquisition

Description

The **Kinnickinnic River Flood Management Project** is being pursued to reduce the risk of structures being in the one percent probability floodplain and improve public safety.

The project limits are South 6th Street upstream to South 27th Street in the



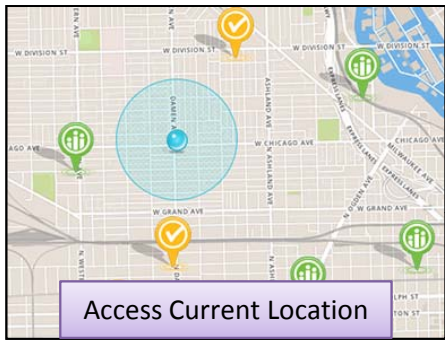
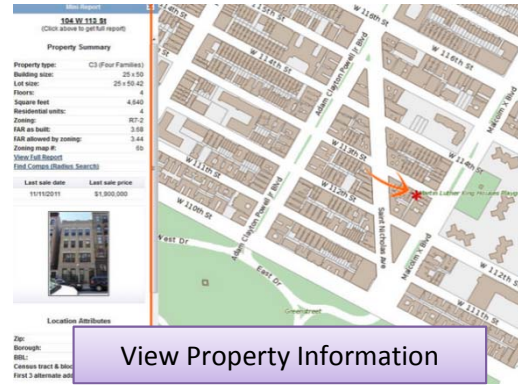
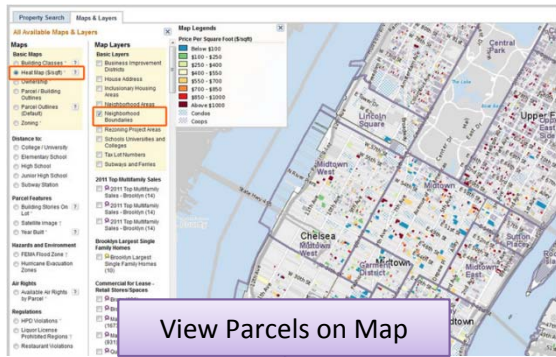
Parcel Number: 13
The Property at 2611 S. 12 STREET is now owned by MMSD.
For more information [click here](#)
[Zoom to](#)

2600
2606
2612
2611
2613
1123
Ave

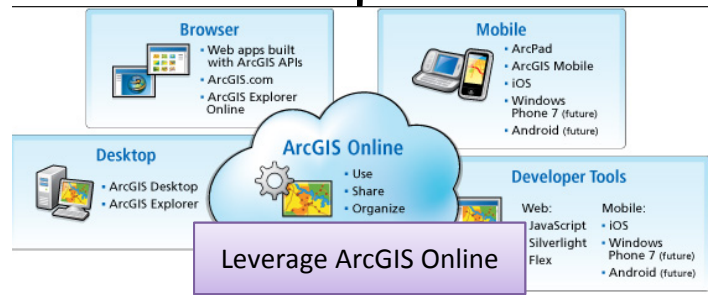
Legend

ACTIVE MMSD OWNERSHIP (GREEN)


ACQUISITION IN PROGRESS (BLUE)

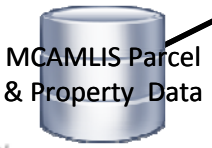
Property Locator
Mobile App



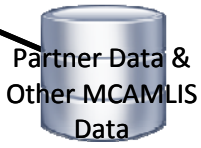
RPB7

Parcel & Property Feature & Map Services

Other Data Services



RPB9



Slide 14

- RPB9** Data would be stored on MCAMLIS server - parcel data, and partner data could contribute to property information while ArcGIS server would provide the feature services to AGOL.
Roger Boissonnas, 11/18/2013
- RPB7** AGOL would use feature services in mobile and desktop applications. AGOL would only be used at the mapping platform, data would still be protected with MCAMLIS servers.
Roger Boissonnas, 11/18/2013
- RPB8** AGOL can be used in phone, tablet, toughbook, or desktop
Roger Boissonnas, 11/18/2013

Collaboration (COL) Project

MCAMLIS/Partner Collaboration Improvement

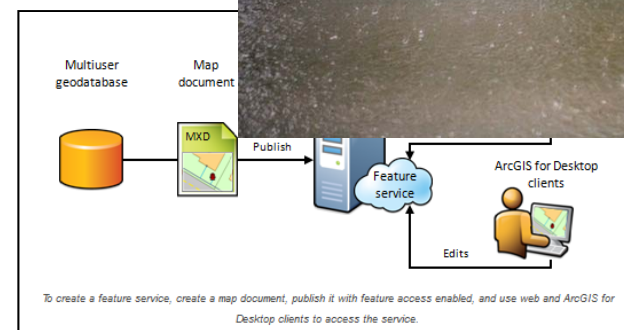
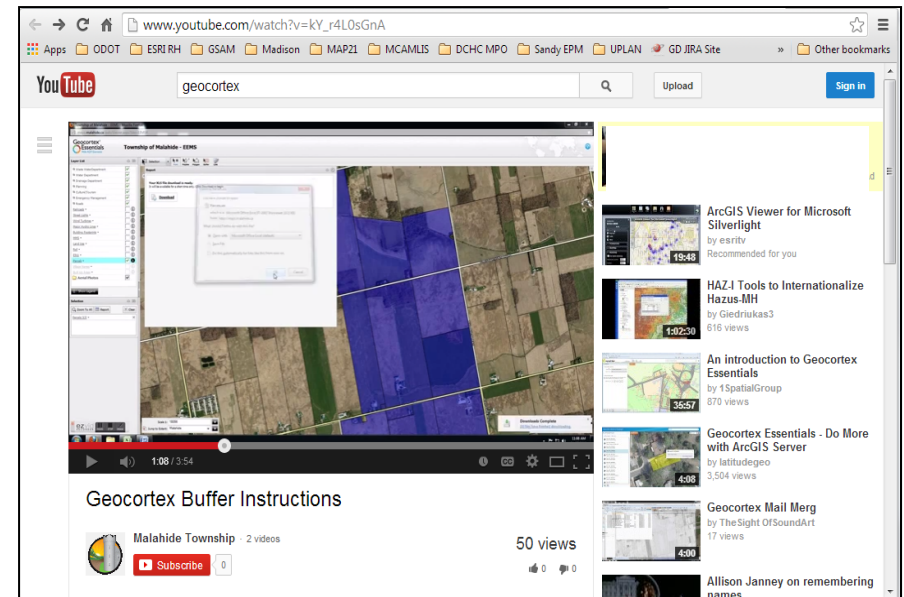
- Deliverables

- Training Sessions on LB Technologies (feature services, mobile, General GIS)
- Improved Partner Input to MCAMLIS Planning
- Business-driven LBDT Project
- Improved MMGUG Forums

- Benefits

- More cost-effective training
- More effective GIS and Business Professionals
- Improved reaction to demands/opportunities

Consistent on-line how-to materials for MCAMLIS products



MCAMLIS OnLine (MOL) Project

MCAMLIS On-Line Presence Improvement

- Deliverables
 - Online spatially-based one-stop for all that is MCAMLIS
 - Searchable lists / retrievable info of available data, data & map services, how-to's, events, projects, etc
 - Partner data sharing repository
 - The what, why, and how about MCAMLIS and value to Partners
- Benefits
 - Streamlined access to MCAMLIS products
 - Improved understanding of MCAMLIS business value
 - Increased Partner Collaboration



The image displays two screenshots of the goMilwaukee website. The top screenshot shows the 'Land Information Program' page, which includes a navigation menu, a search bar, and a sidebar with categories like Administrative Services, Economic Development, and Land Information Program. The main content area provides an introduction to the MCAMLIS system and its partners.

The bottom screenshot shows the 'Milwaukee County Land Information Office's Interactive Mapping Service' page. This page features a navigation menu, a search bar, and a sidebar with categories like Administrative Services, Economic Development, and Land Information Program. The main content area includes a map viewer with 'PUBLIC' and 'SECURE' layers, a disclaimer, and a news section titled 'Milwaukee County Land Information, GIS, & Interactive Mapping News' dated October 15, 2013, regarding foreclosure data updates.

Land Information Office

county.milwaukee.gov/mclio


Home | Do Business | Live & Work | Departments | Services | Payments | Translate | Careers | Local Municipalities

Site Search GO [Sitemap](#)

Printable Version [Economic Development](#) > [Land Information Program](#) > Land Information Office

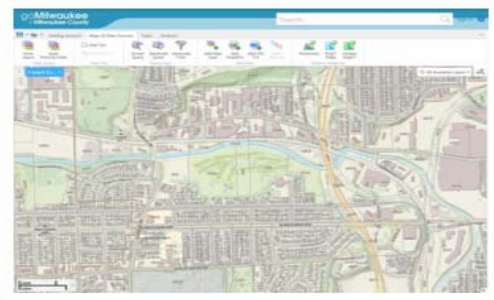
Land Information Office

LIO Home | Online Applications | Data | Maps | Announcements | Links | About



1951 Aerial Photograph

Milwaukee County Interactive Map



By launching the interactive map, you agree to the terms of [this disclaimer](#).

| [About](#) | [FAQ](#) | [Tutorial](#) | [Login Request](#) | [Feedback & Questions](#) | [Legacy Sites](#) | [Mobile Apps](#) |

Administrative Services

- Architectural and Engineering
- Budget - Office of Performance Strategy & Budget
- Community Business Development Partners

Economic Development

- Introduction
- > **Land Information Program**
 - MMGUG Registration
 - Milwaukee County Land Information Office's Interactive Mapping Service
 - 2013 Orthophotography Order Form
 - Interactive Mapping: Frequently Asked Questions
 - Interactive Mapping: Submit Questions or Comments
- Real Estate Services
- Facilities Management
- Information Management Services Division
- Office for Persons with Disabilities
- Procurement
- Sustainability

Contact the Land Information Office

[Submit Questions or Feedback](#)
 Phone: (414) 278-2176
 Mail: 2711 W Wells St., Milwaukee, WI 53208

Related Sites

- County Interactive Map
- County GIS Data
- [Register of Deeds](#)
- [Real Estate Records Access](#)
- Milwaukee.gov Portal
- Milwaukee Metro GIS Links
- Southeastern WI RPC

Upcoming Events

Milwaukee Metro GIS User Group - July 22, 2014

Announcements from the Land Information Office

NEW LIO WEBSITE NOW AVAILABLE
 June 16, 2014: Welcome to the all new Milwaukee County Land Information Office site. Learn more about the improvements we've made to better serve you.
[Read More...](#)

1937 AERIAL PHOTOGRAPHY PROJECT COMPLETE
 May 20, 2014: The Milwaukee County Land Information Office's 1937 aerial photography rectification project has been completed. Currently, all 194 tiles have been processed and are available for viewing via the New Interactive Map Service.
[Read More...](#)

FIRST QUARTER 2014 FORECLOSURE DATA
 April 1, 2014: Milwaukee County property foreclosure data has been updated to include information added through the first quarter of 2014.
[Read More...](#)

2010 PLANIMETRIC MAP REPLACEMENT PROGRAM
 March 5, 2014: Newly updated planimetric feature data is available for immediate release. This data has been updated for Milwaukee County based on Aerial Photography and LIDAR flights that were completed in April 2010.
[Read More...](#)

Contact Us Forms | County Executive | County Board | Web Policies

This site is powered by the Northwoods Titan Content Management System | [Click Here to Download Adobe Acrobat Reader](#) which is required to view PDF files

[Printable Version](#) > [Economic Development](#) > [Land Information Program](#) > [Land Information Office - Online Applications](#) > Online Application Gallery

Online Application Gallery

- LIO Home
- Online Applications
- Data
- Maps
- Announcements
- Links
- About

This gallery contains the Milwaukee County Land Information Office's public web maps and applications, what are based on the Geocortex and ArcGIS Online platforms. ArcGIS Online provides an easy-to-use interactive interface for hosting lightweight maps and applications. It also allows for inter-organizational collaboration and hosting of data services. Please contact the [Land Information Office](#) if you are interested in collaborating in a web mapping application.




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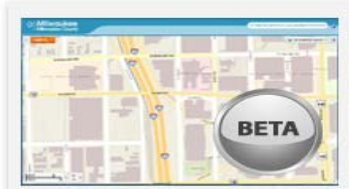
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Upcoming Events
 Milwaukee Metro GIS User Group - July 22, 2014




Economic Information Map



Interactive Mapping Viewer



Legacy Map Viewer



Find Your Supervisor



Mobile Applications

These applications are compatible with most smartphone browsers.

- LIO Interactive Mapping Viewer
- LIO Property Viewer

Land Information Office - On x

county.milwaukee.gov/mcLIO/applications/appgallery.html

Apps Milwaukee County Lan... Google Analytics MCAMLIS Online Prese... 1199 - Improve the M... 1199 VWR.02: Implem...

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goMilwaukee
Milwaukee County

Site Search GO Sitemap

Printable Version Economic Development > Land Information Program > Land Information Office - Online Applications

Land Information Office - Online Applications

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Supervisory District 8
Supervisor: Patricia Jursik

[Download Retail Market Profile](#)
[Download Major Employer List](#)

[Zoom to](#)

POWERED BY **esri**

Esri, HERE, DeLorme, TomTom, USGS, NGA...

Administrative Services

- Architectural and Engineering
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- Community Business Development Partners

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Upcoming Events

Milwaukee Metro GIS User Group - July 22, 2014

District_2_Business_List.xls DNR Survey Data.csv Bill_Glam.jpg Show all downloads...



Retail MarketPlace Profile

Supervisory District 8
Area: 14.1 square miles

Prepared by Milwaukee County

Summary Demographics

2013 Population	52,304
2013 Households	23,237
2013 Median Disposable Income	\$38,803
2013 Per Capita Income	\$26,351

Industry Summary

	NAICS	Demand (Retail Potential)	Supply (Retail Sales)	Retail Gap	Leakage/Surplus Factor	Number of Businesses
Total Retail Trade and Food & Drink	44-45,722	\$512,657,429	\$340,774,359	\$171,883,070	20.1	298
Total Retail Trade	44-45	\$462,286,843	\$306,788,715	\$155,498,128	20.2	217
Total Food & Drink	722	\$50,370,586	\$33,985,644	\$16,384,942	19.4	82

Industry Group

	NAICS	Demand (Retail Potential)	Supply (Retail Sales)	Retail Gap	Leakage/Surplus Factor	Number of Businesses
Motor Vehicle & Parts Dealers	441	\$87,538,131	\$42,289,412	\$45,248,719	34.9	26
Automobile Dealers	4411	\$75,442,552	\$29,636,316	\$45,806,236	43.6	14
Other Motor Vehicle Dealers	4412	\$5,704,436	\$1,490,013	\$4,214,423	58.6	8
Auto Parts, Accessories & Tire Stores	4413	\$6,391,143	\$10,011,780	-\$3,620,637	-22.1	4
Furniture & Home Furnishings Stores	442	\$9,560,541	\$1,490,013	\$8,070,528	73.0	8
Furniture Stores	4421	\$6,047,874	\$884,812	\$5,163,062	74.5	1
Home Furnishings Stores	4422	\$3,512,667	\$605,201	\$2,907,466	70.6	7
Electronics & Appliance Stores	443	\$14,977,971	\$1,621,182	\$13,356,789	80.5	8
Bldg Materials, Garden Equip. & Supply Stores	444	\$15,402,832	\$3,588,796	\$11,814,036	62.2	10
Bldg Material & Supplies Dealers	4441	\$12,841,007	\$2,542,986	\$10,298,021	66.9	8
Lawn & Garden Equip & Supply Stores	4442	\$2,561,825	\$1,045,810	\$1,516,015	42.0	1
Food & Beverage Stores	445	\$77,310,847	\$68,805,739	\$8,505,108	5.8	25
Grocery Stores	4451	\$71,924,669	\$64,275,560	\$7,649,109	5.6	10
Specialty Food Stores	4452	\$1,667,819	\$1,256,302	\$411,517	14.1	8
Beer, Wine & Liquor Stores	4453	\$3,718,358	\$3,273,878	\$444,480	6.4	6
Health & Personal Care Stores	446,4461	\$41,152,832	\$136,433,512	-\$95,280,680	-53.7	14
Gasoline Stations	447,4471	\$56,517,694	\$27,668,083	\$28,849,611	34.3	7
Clothing & Clothing Accessories Stores	448	\$24,975,322	\$5,750,187	\$19,225,135	62.6	13
Clothing Stores	4481	\$16,738,676	\$3,422,978	\$13,315,698	66.0	8
Shoe Stores	4482	\$4,337,953	\$943,622	\$3,394,331	64.3	2
Jewelry, Luggage & Leather Goods Stores	4483	\$3,898,693	\$1,383,587	\$2,515,106	47.6	3

Aerial Photography for Milwaukee County

- LIO Home
- Online Applications
- Data
- Maps
- Announcements
- Links
- About

To request any of the following aerial photography, please see our data request form.



2013 Aerial Photography

Spatial Resolution: 4 inches
Color: Color RGB
Extent: County
Raster Dataset Name: GISADMIN.COLOR_2013_4IN
Overview Map: 2013-C4



2010 Aerial Photography

Spatial Resolution: 6 inches
Color: Color RGB
Extent: County
Raster Dataset Name: COLOR_2010_6IN_ACUPLUS
Overview Map: 2010-C6



2009 Aerial Photography

Spatial Resolution: 3 inches
Color: Color RGB
Extent: Approximately Glendale and Fox Point
Raster Dataset Name: COLOR_2009_3IN_GLNDL_FXPT
Overview Map: 2009-GDL-FP-C3



2008 Aerial Photography

Spatial Resolution: 1 Meter
Color: Color RGB
Extent: County
Raster Dataset Name: COLOR_2008_1METER_NAIP
Overview Map: 2008-C1



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Architectural and Engineering

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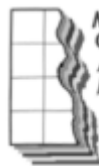
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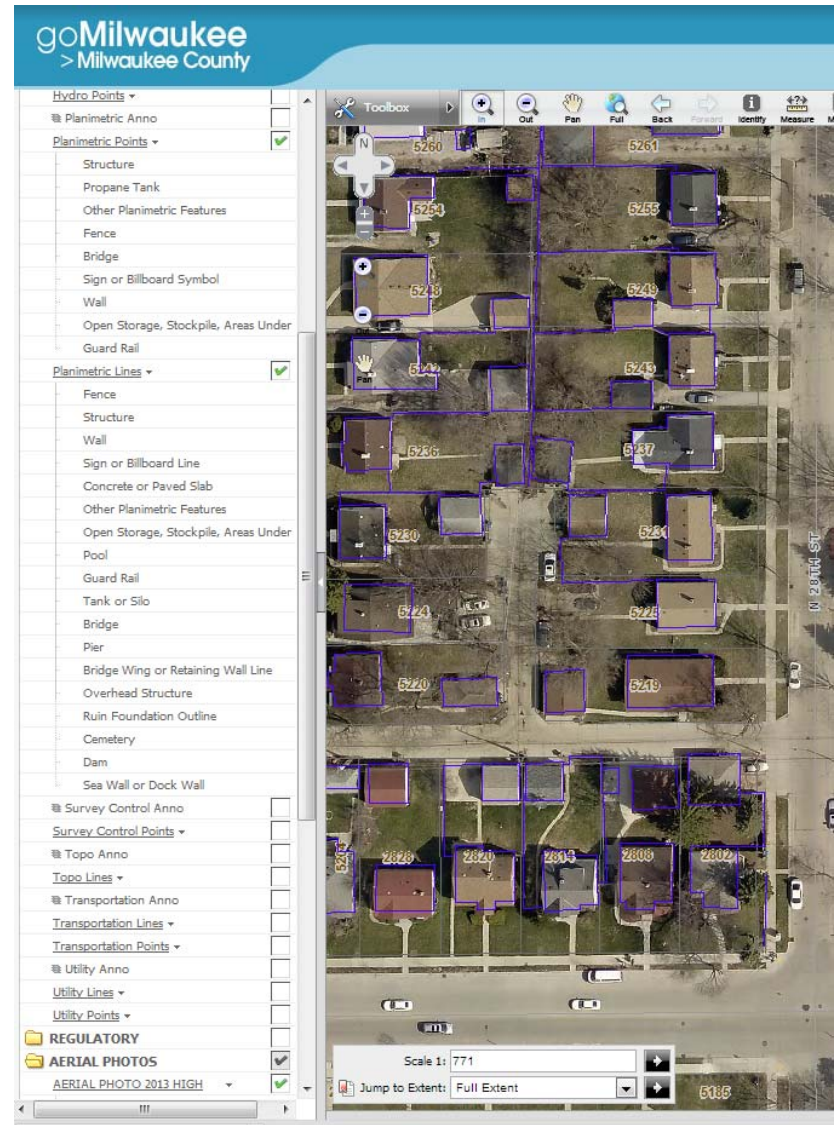
MCAMLIS Data (DAT) Project

MCAMLIS Data Improvement

- Deliverables
 - Historical Aerials
 - Planimetric Polygons
 - New Datum Supported
 - Improved Parcel/Property Currency
 - Improved Metadata
 - Improved Image Management Platform
 - Document Management System Evaluation
 - Data from Outside County Boundaries
- Benefits
 - More current parcel/property data
 - Improved temporal & surface analysis, cartography



Improved data support for mobile and web applications
Reduced image redundancy



MCAMLIS 2014-2018 Work Plan

SUMMARY



2014-2018 MCAMLIS Work Plan Summary

- Input obtained from Many MCAMLIS Stakeholders
- Improvements Driven by Partner Input
- New / Improved Services: Mobile Apps, Training ,
Data Services, On-Line Presence
- Early Improvements Focus on Partner Priorities