OTTAWA COUNTY GIS NEWS LETTER

Spring 2015

Highlights

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Pictometry® **Oblique Imagery**

Grand Haven Lighthouse
Grand Haven, Mi (2014)

Introduction

The Ottawa County GIS newsletter contains information on major GIS projects and applications, cooperative work with Local, State, and Federal agencies, links to other GIS programs and web sites, as well as updates on regional meetings, seminars, and training opportunities.

2015 IMAGIN Conference

Ottawa County GIS will have two presentations at this year's IMAGIN Conference in Traverse City.

Shane Pavlak will be presenting on the web applications Ottawa County GIS has developed for use in the office or in the field.

Pete Schneider and Shane Pavlak will present on the ArcGIS Geodatabase replication process. They will discuss some of the benefits of using replications as well as cover some of the issues that they encountered will developing the process.

This year's IMAGIN Conference is June 07 – 09 at the Great Wolf Lodge in Traverse City.

To see what other presentations there will be or to register, visit

http://www.imagin.org/index.php

GIS Software & Applications

For further information on ArcGIS 10.3
http://arcg.is/1GlwV4r

ArcGIS 10.3 Upgrade Complete

This past March, Ottawa County GIS, upgraded all desktop user software, SQL servers, and web servers to ArcGIS 10.3. ArcGIS 10.3 This is the latest release from ESRI.

The only bug we have discovered in the latest release deals with printing the 2014 aerial photography from any of the web applications. ESRI is aware of the issue, and will fix it in the next service pack. In the meantime, we have developed a workaround to the issue. The workaround may cause some performance issues and you may notice the aerials on when they aren't selected as a base map as well. There is an extra '2014 Aerial' layer that will need to be turned off to speed up the process and/or make them not visible.

If you are noticing any issues, let us know and we will help to resolve them.

Cemetery Web Editing & Viewing Application

To see the Cemetery Viewing application
https://gis.miottawa.org/ottawa/geocortex/cemetery/
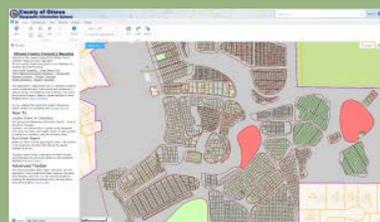Mobile: http://bit.ly/1G9jCZy

Ottawa County GIS has been working with several clerks from the local units to develop an application that enhances the mapping of cemeteries in Ottawa County.

The viewing application allows the public to search and locate information pertaining to burials. Access to photos and other documents will be possible with this application.

The editing application has a secure sign-in that allows for the updating of the information pertaining to burials and sales. The application also allows for the attachment of documents and photos. A burial deed can also be generated from within the application.

Currently we have limited data in the system, but if you are interested in making use of this application for either public outreach or editing, and would like to see your data in the system, please contact us.

These applications have been developed using Geocortex Essentials and leverages Ottawa County's ArcGIS Server and Enterprise Spatial Database.

Parks & Recreation Application

To see the Parks & Recreation application
https://gis.miottawa.org/ottawa/geocortex/recreation/

Ottawa County GIS has been working with Ottawa County's Parks & Recreation staff to develop a web-based application that can be used on mobile devices.

The application allows the end-user to locate parks and trails based of the theme they are interested in. The current themes are Dog Friendly Parks, Water Recreation, Parks that allow Hunting, and All Parks. The current trails you can toggle between are Hiking, Biking, Equestrian, Cross Country Skiing, and Snow Shoeing.
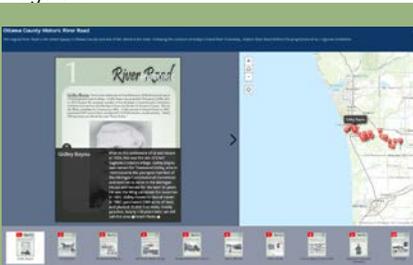
Local parks are also available within the application. We have done our best to show up to date information, but if you notice a discrepancy please let us know.

GIS Software & Applications

Historic River Road Story Map

Ottawa County GIS has been working with Ottawa County's Parks & Recreation staff to develop a story map that shows the original River Road in Ottawa County.

Story maps combine interactive maps and multimedia content into elegant user experiences. They make it easy for to harness the power of maps to tell unique stories.

For further information on the Historic River Road Story Map
http://arcg.is/1GdjVkt

For further information on the Parcel Fabric
http://arcg.is/1w32eQx
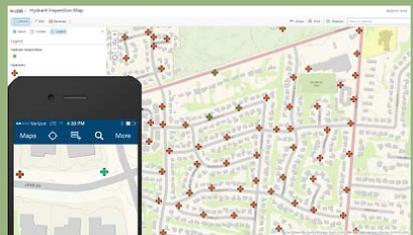
For information on the ArcGIS for Local Government Solutions
http://solutions.arcgis.com/local-government/

In case you missed the Ottawa County GIS User Group Meeting

Here is the presentation

http://bit.ly/1DLiH07

What's Ahead?

Ottawa County GIS is working on several applications and a major upgrade to our parcel data that we hope to have released this summer.

Ottawa County GIS has contracted with InfoGeographics to convert our current parcel data model to the new Parcel Fabric data model from ESRI. The Parcel Fabric will provide for more efficient maintenance, analysis, workflows, and application development. There will be some changes to how the data will be structured, so this will impact some of the exports we have to local units. As needed, we will work with each local unit to implement the changes to the data model.

There are several Ottawa County Department focused applications in the works. These include a mobile application that will allow the Treasurer's Department to visit and capture images related to properties in forfeiture, a mobile application for the Water Resources Commissioner's Office that will capture data related to soil control measures, and an update to the Register of Deeds application.

We are looking to develop a mobile application to allow public work's field crews to capture location and related information of key resources, such as manholes and hydrants.

We also plan on releasing a new version of the Election Mapping application in time for the August primaries.

We are also working on a replacement for ArcReader for the local units that we hope to have out in the fall.

GIS User Group Meeting

This past February, Ottawa County GIS, invited local units to attend a user group meeting that covered what our team's mission and goals are. The meeting also included information on the latest software and application that Ottawa County GIS is making use of. There were also several application demonstrations.

Two sessions were offered to allow for maximum schedule flexibility. The afternoon session was well attended. Due to inclimate weather, the attendance at the morning session was significantly lighter than the afternoon session.

Our staff wishes to thank all those who attended, and we look forward to hosting more of these events in the future.

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Additional GIS Links:

www.esri.com

www.imagin.org

www.michigan.gov/cgi

gvmc-regis.org

www.muskegoncountygis.com

www.allegancounty.org/Government/LIS

www.accesskent.com/Departments/GIS

We're on the Web!

Visit us at:
http://www.gis.miottawa.org

Follow us on Twitter:
https://twitter.com/OttawaCountyGIS

2015 Ottawa County Plat Book

The latest version of the Ottawa County Plat Book is now available from Ottawa County GIS. The book features 2014 parcel ownership information as well as other updated County information and maps.

The Plat Book offers an authoritative guide to land ownership in the County, with exclusive maps which display ownership of all township parcels 10 acres or larger. In addition, the Plat Book provides a number of other reference maps as well as new features made possible through the County GIS Department's unique mapping capabilities.

For the first time the Plat Book will also be offered as an enhanced PDF. The user of the PDF will be able to navigate the PDF by clicking on different areas of the page.

The Plat Book is a cooperative project with the Ottawa County MSU Extension and the Ottawa County 4H Club.   All advertising proceeds for the Plat Book as well as a portion of the sale of each book sold go to the 4-H Club. Books can be ordered via the County website (www.miottawa.org/Departments/GIS/platbook.htm) or by contacting Ottawa County GIS at (616) 738-4600.The cost for a printed book is $25. The cost for the enhanced PDF is $15.If ordered together the cost is $35.