



# Mid-West GIS News & Notes

## Letter from the President

Welcome to our most recent edition of News & Notes. Relax and catch up on all of the recent happenings at Mid-West GIS.

With 2010 coming to a close, we are thankful for all of our friends, family and clients that have made this another successful year at Mid-West GIS. In these trying economic times it is a true blessing for a small business to be able to not only survive, but to grow. Mid-West GIS has been fortunate enough to do both, and we attribute that to the hard work of our employees as well as the support of the people around us.

We are also in the process of hiring a new GIS/GPS Technician in January. This will give us an additional field staff for the collection of GPS data, which is one of our primary services. The ability to efficiently run Real Time Kinematic (RTK) GPS equipment is a valuable asset, as it allows us to collect the most accurate GPS data possible. Mid-West GIS is one of only a few GIS firms in the country that use this type of GPS data collection methodology.

With a positive outlook for 2011, we hope to add an additional GIS Technician in the Spring/Summer. Our goal is to continue a sustainable growth so that we can better meet the needs of our clients. This is our 4th full year in business, and my 16th year in the GIS industry, and we will continue to do our best to stay on the cutting edge of technology and bring those services to each and every one of our clients.

Thanks again to all of our clients, business partners, family and friends for all of your continued support. We wouldn't be here without you!

Shane C. McDermott, President  
Mid-West GIS, Inc.

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**GPS Data Collection for Electric Utilities Using Sub-Centimeter Accurate GPS Equipment**

## Mid-West GIS completes GPS Services for Adams Electric Coop

Mid-West GIS has completed the GPS data collection for Adams Electric Coop in Camp Point, Illinois.

This project was collecting utility poles using Real Time Kinematic (RTK) GPS equipment, which has an accuracy level of Sub-Centimeter. By using this highly accurate GPS equipment, Adams Electric Coop will have the most accurate field inventory possible, and be able to use their GIS system with much more confidence in the data.

Joe Darnell, GIS Specialist with Mid-West GIS was the Project Manager, and has worked extensively on this system for the majority of 2010. With the addition of Electric GPS to our line of services this has opened the door to new opportunities. We hope to begin our next Electric GPS project in Missouri in the Spring of 2011.





## Wisconsin Office Update

Tara Seiler is our GIS Account Manager for the states of Wisconsin, Minnesota, Northern Illinois, Northern Iowa, and Michigan. For more information about our GIS services in this region please contact tara at [tara@mid-westgis.com](mailto:tara@mid-westgis.com) or you can call her office at 608-617-9573.

Tara will be at the Wisconsin County Highway Association Conference in Wisconsin Dells, WI on January 11th & 12th. to present Mid-West GIS traffic sign inventory and bridge & culvert inventory services. Stop by Booth 14 if you are attending.

Tara will also be putting together some regional GIS meetings where we will partner with other GIS firms to demonstrate multiple GIS services and technologies. The first one will be in the Chicago area in January, and we plan on having one every few months throughout 2011.



**Tara Seiler**  
GIS Account Manager

## Hancock County, Illinois Sign Project....Completed!!

Mid-West GIS has successfully completed our most recent sign inventory project for the Hancock County Highway Department in Carthage, Illinois. This is by far one of the largest sign projects completed to date, with over 800 square miles of land, and almost 2,000 miles of Township and County roads.

These projects included the collection of GPS points and attributes for all signs on Township roads, as well as some municipalities that participated in the project as well.



Each sign had multiple attributes collected, including: Type, Size, Condition, Reflectivity Type, Post Type, Post Condition, as well as other valuable attributes.

This will now be used as the official sign inventory for the county, and will be specifically used in the replacement of signs that do not meet the Federal Highway Safety Administration guidelines on reflectivity.

Mid-West GIS has now completed over 250 sign inventories for Counties, Townships, and Municipalities in the past 3 years. For more information on this type of project please contact Shane McDermott at [shane@mid-westgis.com](mailto:shane@mid-westgis.com) or call our office at (217) 222-7793 or Toll Free at (877) 248-2349.

**The dates are quickly approaching to have a Sign Inventory in place to meet the regulations set forth by the Highway Safety Administration!!!**

**January 2012** - Must have a Sign Inventory Maintenance Tool In Place  
**January 2015** - Replace All Regulatory & Warning Signs Not Meeting Regulations

To schedule a demonstration on our sign inventory services please call our office at (217) 222-7793.



## New Projects

Hannibal Board of Public Works - Sanitary Sewer System GPS. Mid-West GIS will collect Sub-Centimeter accurate GPS data for approximately 3,300 sanitary sewer manholes. Each manhole will be opened, inspected, and measured down in order to calculate invert elevations. Real Time Kinematic (RTK) GPS data collectors will be used because this is the only GPS setup capable of collecting accurate elevation values, which are needed for this type of project.

City of East Moline, Illinois Traffic Sign Inventory. Mid-West GIS will use a combination of vehicle mounted and handheld GPS to collect all traffic control signs for the City of East Moline. Attributes such as sign type, condition, reflectivity, and others will be collected as part of this project. This project is set to begin in January 2011.

Cass County ETSB - GPS of Addressable Structures. Mid-West GIS will collect GPS data for all addressable structures in Cass County, Illinois. This will include the county and all municipalities. Each structure will be attributed with the house number. This project will also include mapping out trails at the Jim Edgar Panther Creek State Park. This project is set to begin in January of 2011.

### Mid-West GIS Business Partners

Mid-West GIS partners with other firms in the GIS & GPS industries so that we can continue to offer our clients the most comprehensive services available. Here are a few of our valued partners:

ESRI - Mid-West GIS is part of an exclusive, preferred list of partners, qualified to deliver comprehensive GIS solutions. ESRI is the leading developer of GIS software and provides consulting, implementation, and technical support services. [www.esri.com](http://www.esri.com)

The Sidwell Company - The Sidwell Company is a well-known and respected company in the Midwest with an impeccable track record for customer service. They offer Parcel Conversion and Aerial Photography. [www.sidwellco.com](http://www.sidwellco.com)

Swova - Swova specializes in the design, development, implementation, and integration of geographic information systems, web server, and database server technologies. [www.swova.com](http://www.swova.com)

Mapping The Outdoors - Mapping the Outdoors is a company committed to providing truly innovative maps for its customers. They are also a provider of aerial photography for many of our projects. [www.mappingtheoutdoors.com](http://www.mappingtheoutdoors.com)

### New Vice President

Joe Darnell has been promoted to the position of Vice President of Mid-West GIS. Joe has been with the firm since its inception in 2007.

Joe has over 8 years of experience with GIS, and has worked on every type of service Mid-West GIS offers.

Joe's responsibilities will include the management of all projects and personnel assigned to them, project reporting to both Mid-West GIS as well as the clients, as well as the continued development of GIS & GPS Services.

The next step in Joe's career will be continuing education and training in the quickly evolving field of ESRI products.

If you would like to contact Joe, his email is [joe@mid-westgis.com](mailto:joe@mid-westgis.com)





# Mid-West GIS

Professional Solutions - Affordable Pricing



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## **About The Company**

Mid-West GIS will seek the most highly qualified personnel available in the area. The company will also ensure that our staff is fully trained in the most up-to-date software applications. Our staff will be on top of the technology advancements in the industry to ensure our clients are keeping up with these changes.

The company's principal officers see each contract as an agreement not between a business and its customers, but between partners that wish to create a close and mutually beneficial long-term relationship.