

# SUCCESS STORY

## ▶▶▶ PROVIDING WIDE-RANGING GIS SOLUTIONS

### PROBLEM

Pepin County is a small, rural county, located in Western Wisconsin. Because of its size, funding to develop and implement a GIS system was limited. However, entities like this can generally realize an even greater benefit from a simple GIS. The challenge was how to cost-effectively develop and implement a GIS that met the needs of the County.

### SOLUTION

Through automation and innovative approaches, Applied Data Consultants, Inc. (ADC) worked as a partner with the County to develop a base set of layers, including public land survey information, hydrology, roads, and soils. Some information was developed from the WI-DNR Landnet, while some was available from various agencies and simply needed to be cleaned and projected to the county's coordinate system.

ADC also developed a parcel layer for the county. Over the course of several years, ADC used a variety of ESRI software to convert CAD drawings and finish mapping the county. Once the parcels were created they could be linked to the tax and assessment data to provide valuable information in GIS format.

Aside from data development, the land information office wanted to share its digital information with other departments and the general public. The most efficient method of distribution was development of a web-based mapping site. Pepin County was the first county to implement a WebGUIDE online mapping site. The site provides access to digital data as well as a link to tie sheets and certified survey maps. Pepin was one of the first to sign on to upgrade to the latest release called WebGuide Xtreme (WGX).

Further funding from the Wisconsin Land Information program allows Pepin County to remain up-to-date with the newest technology and manage with minimal staff.

### RESULTS

Pepin County has a GIS system that is efficient, cost-effective, and meets the needs of the county and its citizens. With limited staff, the creation and maintenance of the GIS system is invaluable.

*“We have been a customer of ADC for almost 10 years, from the beginning of internet GIS-based mapping in Western Wisconsin... I have come to appreciate the small company dedication of ADC while providing large company professionalism to the customer. No project is too large or too small... I would not hesitate to recommend the services of ADC to anyone that desires a first-rate, professional job in GIS-related projects.”*

**John Egli**  
**Land Management Director**  
**Pepin County, WI**

