

Information Technology

GIS 2005 Update

Marshfield's GIS over the last year has grown in it's abilities to offer insight and knowledge to many town departments. The town's Geospatial Information System is without a doubt, the one single tool universally accepted across all departments.

Engineering studies, School District mapping and Conservation's Recreational Trail Mapping Initiatives are but a few projects which GIS is currently assisting with. The high resolution Color Ortho's and Topographical data has been instrumental in developing new design plans for Bridge repair and replacement. The newly acquired GPS unit is currently being programmed to inventory and document Marshfield's Infrastructure. Water Well Fields Marshfield relies on is currently being evaluated for purposes of creating a Database with attributes and GPS coordinates. This mapping allows the DPW to build intelligence electronically on every individual Well they have.

Conservation Initiatives to map Nature trails with GIS and GPS coordinates is also being looked at. Grants for the continued build-out of GIS have been received and are continually being applied for from many organizations and Governmental departments.

Marshfield's GIS is still in the process of being built on many plateaus. The digitizing of the Assessors maps are currently under way, as well as data sets for Police, Fire, DPW and the Assessors department. Great strides have been made with this new technology, and the continued efforts of all departments will bring Marshfield's Geospatial Information Systems to the pinnacle of usefulness. Other planned processes include web based hosting, handheld applications and ongoing training for all departments.