

location

Madison County, Kentucky

client

Mr. Frank Moore
Bluegrass Army Depot
(859) 779-6855

completion

2008

The Bluegrass Army Depot (BGAD) encompasses approximately 15,000 acres of land in southern Madison County, Kentucky. BGAD's mission is to provide munitions, chemical defense equipment and special operations support to the Department of Defense. The depot is a thriving hub of activity and is constantly evolving based on the changing needs of the armed forces.

One of the tasks they have undertaken is the production of Mine Resistant Ambush Protected (MRAP) vehicles. This project required a drastic upscale of the electric system on the base and was the driving force in establishing a site-specific GIS. Since existing information for the BGAD electrical system was incomplete, dated and in some cases erroneous, CDP Engineers proposed performing a pilot project on a small, well-defined portion of the base. The pilot project allowed the field crews to collect data in manageable parameters and resolve issues they encountered before proceeding. Data was collected and transferred on a daily basis so it could be processed and reviewed for correctness and completeness. The data was then integrated into a GIS to be utilized and maintained by the BGAD staff. The electronic data was provided in both Arcview and AutoCad formats at the request of the client.

The eventual goal of this project is to create a GIS encompassing the entire base. In addition to the on-base electrical system, the GIS will ideally include telecommunication features, water features, natural gas features, sanitary sewers and stormwater features and other utilities