

Armed Forces Reserve Center Mt. Vernon

Illinois Capital Development Board (CDB)

Location

Mt. Vernon, Illinois

Construction Completion

2009

Construction Cost

\$20 million

DMA Services Provided

Civil Engineering



Architectural Rendering

This federally funded project consolidated two Illinois Army National Guard and two United States Army Reserve units into a single facility, each with sole space and access to joint space. This 84,621 s.f. multi-story use facility is located on a 23-acre site, surrounded by security fencing and vehicle standoff protection elements.

David Mason & Associates provided civil engineering for this facility, which included a number of specialty services. Besides utility design, grading and drainage, and site development, specialty design items ranged from security berms and landscape features to multiple vehicle entry points and vehicle service areas.

A great number of sustainable design features were incorporated into the design of this facility. These included bioswales and permeable paving, such that the site conformed to the USEPA Phase 2 Stormwater Quality guidelines. This facility was designed in accordance with LEED Silver Certification requirements.

