



STRUCTURAL ENGINEERING | BUILDING ENVELOPE DESIGN | DESIGN-BUILD

WESTOVER AIR RESERVE BASE ARMED FORCES RESERVE CENTER

PROJECT DESCRIPTION:

This new 120,000 square foot, multi-story training center and new 24,000 square foot vehicle maintenance facility were designed and built for the Army Reserve, Marine Corps and Massachusetts National Guard Units. The project included three other minor structures including one building renovation.

VALUE: \$50M

LOCATION:

Westover Air Force Base, Chicopee Falls, MA

SERVICES PROVIDED:

Structural Engineer of Record responsible for the design, details, and coordination of foundation and framing, plans and details with multiple deliverable bid packages. Routine structural, building envelope inspections as well as special inspections were performed during construction. Followed strict Department of Defense guidelines on the structural system design specific to explosion-proof walls and glazing systems.

SIZE: 120,000 SF

CLIENTS:



US Army Corps of Engineers
Louisville District

ROLE:

While with another firm, Ronald W. Rideout, PE, directly managed three detailers and one engineer, and coordinated with the project manager, architect, architectural job captain, and mechanical engineer to deliver the foundation and building envelope on a fast track, design-build delivery method.

