

**Bluegrass Station – Dept. of Military Affairs**  
*Building 415 MWO Program – Lexington, KY*

Owner: Kentucky Finance Cabinet - DECA  
User Agency: Department of Military Affairs  
Contacts: Ron Harris, Architect  
Phone: 502.546.3155  
Email: Ronl.Harris@ky.gov  
Building Area: 13,199 SF  
Construction Cost: \$ 1,400,000  
Project Status: Under Construction

**Project Description:**

Project transforms 2 bays of a 200,000 SF building into an ALS-MWO vehicle diagnostics facility that is completely standalone from main building.



**Engineering Highlights:**

**Electrical:**

Project included new medium voltage underground electrical service with sectionalizing switches leading to pad mounted transformer – all included in the contract. Full size electrical service emergency generator with automatic transfer switch provides power to the entire work area.

Special power distribution systems were set up in six vehicle bays to service two types of vehicles that can be tested.

**HVAC:**

An airconditioned space was a requirement for this mission. A large dividing wall was installed to separate this area from the rest of the building so the space could be conditioned to temperature and humidity levels requested by the user.

Project also included numerous exhaust systems for large diesel and generator operation that used motorize exhaust hose reels throughout six test bays.