

**Bluegrass Station – Dept. of Military Affairs**  
*Building 135 Renovation – 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: 92,880 SF  
 Construction Cost: \$ 400,000 MEP  
 Project Status: Completed 2017

**Project Description:**

Project is to upgrade an existing abandoned manufacturing facility for multiple programs being relocated within Bluegrass Station.



**Engineering Highlights:**

**Electrical:**

Addition of power distribution stations throughout facility and circuits added to support new programs.

**Life Safety:**

Addition of numerous eyewash stations and showers with tepid water system to support new programs.

**Plumbing:**

Addition of trench drains and water supply to equipment to support new programs.

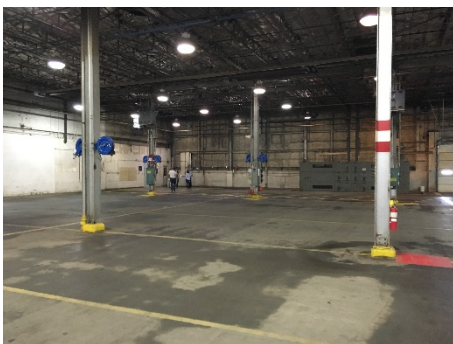
**Lighting:**

The proposed lighting system consists of high efficient LED high-bay luminaires equipped with factory installed lighting controls. The lighting controls will be a distributed intelligence system forming a lighting control network with in the space. Each LED high-bay luminaire will be connected to the lighting control network.

Luminaires connected to the lighting control network can be individually addressed and programmed to respond to motion, daylighting, time of day scheduling and occupant overrides within the space via low voltage keypads. This will allow for maximum energy savings and maximum configurability.

75 Foot Candle Design: LED High-bay = 0.5 watts / square foot.

Lighting  
(Before)



Lighting  
(After)

