

Mobile Switch Center

Facility Renovation
Peoria, Illinois



Project Summary

The project consisted of mechanical upgrades which included extensive ductwork demo, temporary cooling, and installation of new ductwork throughout the switch facility. A makeup air unit was installed along with the new smoke purge system. A generator load bank, lighting, and metering were installed as part of the electrical package. New auxiliary framing and Hilti racking were installed in the switch room and rectifier room to replace the existing facility racking. Structural steel framing was installed in the rectifier room to support the new racking system. Other building upgrades included new lightning protection, increased fire wall ratings, and new doors, frames and hardware.



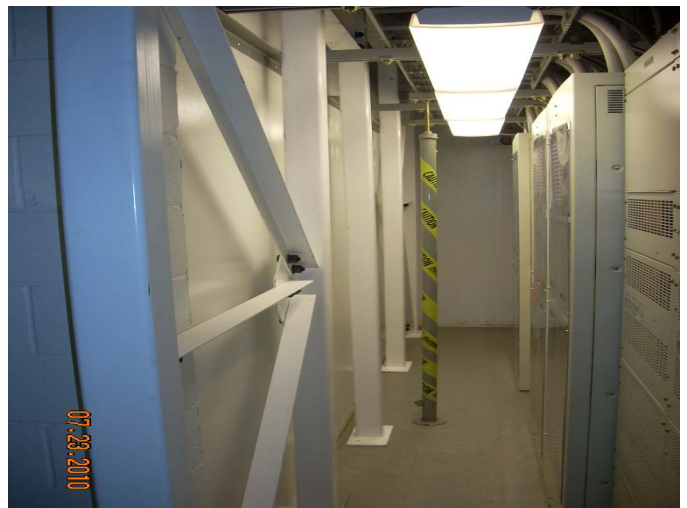
Installing New Auxiliary Framing



New Ductwork above Live Switch



New Seismic Bracing at FM 200 canisters



New Structural Framing at South Wall



Installed Main Trunk and Branch Runs



Installed Framing and Insulation



New Aux framing and protection above switch



Protecting network prior to duct installation



Installing refrigerant lines



Temporary lights for duct and seismic work



New in-line fan installed above live switch



New ductwork installed for airflow above switch