

Mobile Switch Center

Arlington, TN (Memphis)
West Tennessee MSC - Short Term Network Upgrades



Project Summary

XEC began work on this project in April of 2012. The scope of the project was to remove existing drywall partitions in multiple switch rooms to create one large switch room. This work required replacement of 3 existing HVAC units inside the operating switch rooms. In addition, new electrical panels were installed to diversify mechanical equipment feeds throughout the facility. This project required many MOP's that involved temporary electrical and mechanical to maintain space temperatures throughout the work. Existing ductwork was modified to re-direct cooling inside the switch rooms and battery rooms. Multiple FM-200 tanks were installed to upgrade this existing system to fit the new floor plan. The existing auxiliary framing system was replaced with a multiple tier HILTI system to bring the facility within client standards.



East Wall Dust Protection Installation



Removing Existing Ductwork



Ductwork Removal Complete



Exhaust Fan Installed



New Duct on CRAC Unit #21



Louver Installed



Installing Cable Tray Racking



Installing Fiber Duct



Refrigerant Piping Ready to Braze



VESDA Piping Installed



Condenser Piping



Setting Condenser