



Work performed in 270 foot air traffic control tower, Base Building, and Environmental **Building included:** Wiring for general lighting and power • Relocation of existing underground 480 volt, 5kv, and communications distribution systems • Installation of power and communications manholes • Installation of dual 5kv services and double ended substation • 480 and 120 volt multi redundancy distribution systems with dual feed panels and Key Interlock system • Installation and wiring of 600kva generator and 100kva UPS • Installation and wiring of two 600A motor control centers • Site Lighting • Heat Trace and Snow Melting Systems • Installation of extensive multi redundant electronic grounding systems and underfloor signal reference ground systems with in excess of 2200 exothermic welds • Installation of Card Access / CCTV Security systems, Class A Fire Alarm system, and Power Monitoring System • Installation of Lightning Protection system • Installation of inter airport duct bank system and fiber optic communications system • communications empty conduit and cable tray system

*Started 11/06 Completion 12/09*

**AD** **ADCO**  
**ELECTRICAL**  
**CORPORATION**

Electrical and Communications