

Albany International Airport Transformer Relocation Albany, New York

Owner: Albany County Airport Authority

Total Construction Cost: \$700,000.00

This project involved a complete redesign and relocation of the incoming primary high voltage electric services at the existing Airport facility in order to accommodate the new and larger Airport Terminal Building and surrounding complex. The design consisted of coordination and planning to maintain 120/208 volt and 277/480 volt services for the existing structures while new building construction was taking place, including the design for a new 13.2 KV substation to provide temporary as well as permanent electric power services.

New transformers were installed to supply temporary power to existing building and permanent power to new building. Incoming service was brought in at high voltage with dual feed thereby reducing risk of the airport facility being without power. The work included: removal of existing service and transformers feeding the existing terminal; the installation of a new dual high voltage underground service, two pad mounted high voltage switches, two pad mounted transformers and a dual low voltage underground service to feed permanent power to the new terminal. Also, the installation of new switchboards and power distribution throughout the new terminal.



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