

Hyatt Regency – Hotel and Conference Center

Pittsburgh International Airport
1111 Airport Boulevard
Pittsburgh, PA 15231



PROJECT TEAM

- *Owner* - Dauphin Co. General Authority
- *Architects* - L. Robert Kimball & Associates
- *Structural Engineers* - DeSimone Consulting Engineers
- *MEP Engineers* - L. Robert Kimball & Associates
- *Electrical Engineers* - L. Robert Kimball & Associates
- *General Contractor* - Dick Corporation

ARCHITECTURE AND OVERVIEW

- Designed to compliment the adjacent terminals at Pittsburgh International Airport
- 275,000 square feet
- 11-story main tower featuring 336 guest rooms including 11 suites
- 1-story conference center featuring 20,000 square feet of function space
- Combination of pre-cast concrete panels and a glass / aluminum curtain wall

STRUCTURAL

- Foundation consists of a combination of piles, spread footings, and grade beams
- 6-inch slab on grade
- Cast-in-place, one-way, 6-inch concrete flat slab construction for tower
- Steel framing over conference center with average bay size of 25-foot by 25-foot

CONSTRUCTION

- \$35 million estimated cost
- Construction manager at risk
- Construction dates: November 1998 - May 2000
- Follows design constraints of FAA for proximity to the airport

LIGHTING/ELECTRICAL

- 2500kVA transformer provides 3-phase, 4-wire 480/277V supply to building
- Each floor has a transformer to step power down to 208/120V for general use
- Lighting - 150 W incandescent in guest areas, 32W fluorescent for service areas
- Electrical system backed up by a 600A, 400kW, 480Y/227V emergency generator

MECHANICAL

- 4 gas boilers in mechanical room supply hot water to the building
- 2 rooftop cooling towers provide chilled water supply
- 13 air-handling-units with supply fans provide 410 cfm of fresh air to each floor