

Transportation Aviation

Client

Palm Beach County Department of
Airports

Location

West Palm Beach County, FL, USA



Palm Beach International Airport, General Consulting Services

CH2M HILL is the prime consultant on this contract for the Palm Beach County Department of Airports. CH2M HILL manages a team of 23 local and national consultant firms who assist the Department of Airports with the development, maintenance, and operation of the County's system of four airports. The system consists of one commercial air carrier airport, Palm Beach International, and three general aviation airports, Palm Beach County Park Airport, Palm Beach County Glades Airport, and North County Airport. CH2M HILL provides a wide range of comprehensive planning and design services, including the following:

- CIP programming, consulting, and implementation
- Aviation planning, including air service studies and financial analyses
- Environmental planning services in support of an ongoing environmental impact statement to implement the master plan
- Land use planning, land acquisition, market assessment, and land development consulting services
- Horizontal infrastructure design, such as airfield and roadway design, and general site development
- Vertical facility design, such as architectural, mechanical, electrical, structural, and landscaping design of airport-related and ancillary facilities
- Facilities inspection
- Stormwater and environmental permitting and agency coordination
- Construction management and administration

As a result of the recent population and economic growth in Palm Beach County and within the region, demand for commercial service aviation and corporate/general aviation in Palm Beach County's four airports has consistently increased during the last few years. This aggressive growth has created increased airfield congestion, particularly during peak periods, and has caused the Department of Airports to adopt aggressive demand management and capacity growth initiatives at several of the County's airports. The growth in the region is not expected to subside in the immediate future, and the FAA has identified Palm Beach County as a target market for additional airfield capacity. According to the FAA, additional airfield capacity will be needed by or near the year 2013.

Given the existing and projected demand, the Department of Airports identified the need to conduct an extensive Airport System Study, which includes detailed alternatives analysis and implementation planning. The study has identified airport roles for the four County-owned airports in a manner that maximizes the utility and functionality of each airport to provide a cohesive airport system network that optimizes existing facilities and infrastructure to support the air transportation demand within the region. Besides aviation-related facility needs, the study explored aviation-support functions and airport-compatible collateral development for each of the four airports in an effort to maximize the use of existing land while increasing airport revenues.



Other major ongoing efforts include a comprehensive way-finding and signage rehabilitation project, facility assessment and repairs associated with hurricane damage (including FEMA assistance), PFC application assistance, pavement assessments, property acquisition services (including environmental site assessments), rehabilitation of the preconditioned air system at the terminal, and construction management services for a \$60M long term parking garage. All together, CH2M HILL has provided services to the Department of Airport on more than 120 individual tasks during the first 3 ½ years of the 4 year contract.