AVIATION
Project Listing

BREE & Associates, Inc.

RDU RENOVATION AND EXPANSION PROGRAM MANAGEMENT

This $608M Terminal 1 and 2 Renovation and Expansion Project at Raleigh Durham Airport consisted of four major projects. BREE provided an Assistant Project Manager and an Office Engineer to assist the Airport Authority staff with providing program management and agency construction management services. BREE was responsible for the submittal process for these projects using Primavera; the various aspects of design, permitting, construction and closeout phases; the electronic document control; and the CADD management system. BREE developed the CADD standards and a layering matrix as

Photo Credit: Parsons

well as maintained all contract documents and enforced their quality control on all associated projects. BREE designed procedures for a paperless submittal and RFI process in addition to managing storage/retrieval of all contract drawings and material deliverables. BREE has facilitated consistent interaction with the RDUAA's GIS/CADD department, A/E firms, contractors, vendors and multiple field and office personnel to ensure timely arrival of project documents, construction activity execution, and completion of tasks during design/bid and construction phases of project. After over 10 years on-site at RDU, BREE is providing an office engineer to assist with project close-out services.

LOCATION   Raleigh-Durham Airport, North Carolina

OWNER   Raleigh-Durham Airport Authority

CLIENT   Parsons

RDU TAXIWAY J CONSTRUCTION

The cost of this project is approximately $7M and involved the construction of a new cross-field taxiway, and the construction of an extension to Taxiway L. Taxiway J crossed an existing three-lane public road and required the construction of a taxiway bridge. The length of Taxiway J was approximately 2,200 feet. The scope of services BREE provided was developing three detailed cost estimates during the schematic design, design development, and construction documents phases.

LOCATION   Raleigh-Durham, North Carolina

OWNER   Raleigh-Durham Airport Authority

CLIENT   Baker Associates

AVIATION
Project Listing

NORTH CAROLINA AIRPORT SYSTEM PLAN STUDY

This purpose of this task was to implement communication program to solicit input concerning North Carolina's statement airport system from active pilots. A plot user on-line survey format was developed to allow exporting of the responses for analysis of the results. The data was reviewed and updated to reflect today's standards, requirement, technological advances, and expectations. The project team was provided with a draft of the review. Once finalized, an on-line version was designed on SurveyMonkey. Coordination was made with appropriate agencies including AOPA, NBA, and NCAA.

LOCATION Raleigh-Durham Airport, North Carolina
OWNER North Carolina Department of Transportation
CLIENT PB Americas, Inc.

SECURE AREA ACCESS CONTROL SYSTEM UPGRADE

BREE provided cost estimating services for the Basis of Design (BOD), Design Development (DD), and Construction Document (CD) phase of this $500 M modernization and expansion project for the Raleigh Durham Airport. The cost estimate had two sections: hardware, software, interfacing, system training costs; and construction of infrastructure to implement the system.

LOCATION Raleigh-Durham, North Carolina
OWNER Raleigh-Durham Airport Authority
CLIENT Kroll Schiff & Associates, Inc.

RDU TERMINAL C RENOVATION

BREE provided qualified transportation technicians to test freshly produced concrete during placement. The technicians were required to have the appropriate qualifications as outlined in project specifications and perform tests as indicated by the specifications.

LOCATION Raleigh-Durham Airport, North Carolina
OWNER Raleigh-Durham Airport Authority
CLIENT S&ME

PHL COMBINED HEAT AND POWER PLANT

BREE provided CADD services during the 35% conceptual design phase of the Combined Heat and Power Plan Project at the Philadelphia International Airport.

LOCATION Philadelphia, Pennsylvania
OWNER Philadelphia International Airport
CLIENT Burns Engineering, Inc.

Contact us for a copy of our complete capabilities statement, inclusive of the many projects BREE & Associates, Inc. has participated on and the respective services provided: Robert Lancaster, bree@breeassociates.com