



BOSTON-LOGAN INTERNATIONAL AIRPORT

Boston, Massachusetts

Airport Summary Brief

BNP Associates, Inc. has been involved in projects at the Atlanta-Hartfield International Airport since 1980. Some of our major projects include:

CBIS RECAPITALIZATION OPTIMIZATION PROGRAM

In 2002, inline Checked Baggage Inspection Systems (CBIS) were installed and commissioned in various locations in Terminals B, C and E of Boston Logan International Airport (BOS) – one of the first major U.S. airports to implement inline EDS screening to comply with the TSA's 100% checked baggage screening requirement. Terminal A was subsequently constructed with an entirely new baggage handling system that also included an inline CBIS. BNP designed each of these screening systems, which were state-of-the-art at the time of their installation. The resulting designs include eight inline baggage screening systems with a total of 33 inline EDS machines (4 - L3 eXaminer 3DX 6600, 29 - L3 eXaminer 3DX 6700), reduced from 41.

TERMINAL B - BAGROOM B6/7 - FACILITY CONSOLIDATION

As part of the Massachusetts Port Authority Design Team, BNP is working on the design and construction administration services for the new inbound and outbound Baggage Handling Systems in Terminal B as part of the US Airways and American Airlines consolidation. The project consisted of state of the art technology in automated baggage handling and checked baggage inspection systems for the outbound operation, which involved a complete replacement of the previously installed baggage systems. This is one of many projects that have been designed and constructed at Logan International Airport (BOS). BNP designed all the baggage handling systems at the airport. . The original footprint of the B6/B7 bagroom is being expanded to accommodate the increase needs of American Airlines. The CBIS System only requires minimal modifications because it was recently upgraded to accommodate state of the art EDS machines. The ticketing systems have been upgraded to support self-service check-in and future self-tagging provisions. The inbound baggage handling systems have been completely replaced.

AIRPORT WIDE 100% CHECKED BAGGAGE SCREENING

BNP was retained as part of the DMJM Harris planning team to design the inline baggage screening systems for all the Terminals at Boston Logan International Airport. The design process was completed over a period of approximately two months in the effort to have the majority of the bagrooms operational by the end of 2002. The configuration of the systems and the specific features of each bagroom is confidential. BNP worked closely with the TSA during the project interfacing on technical issues, equipment deliveries, operations and after installation EDS machines improvements. BNP's scope of work includes concept design through construction monitoring with eight full time site engineers.



ASSOCIATES, INC.

BNP PROJECT TEAM

Steven LaPorta, Principal
Tom Jennings, Project Director

BHS CONSTRUCTION AMOUNT

US \$100 Million

SCOPE OF SERVICES

Analysis Study
Conceptual Design
Design Development
Ergonomic Improvements
Bid Documentation
Construction Administration
Testing & Commissioning