

LOGAN INTERNATIONAL AIRPORT, BOSTON, MASSACHUSETTS TERMINAL B – BAGROOM B3/4 – CBIS OPTIMIZATION PROGRAM



OWNER:
MASSACHUSETTS
PORT AUTHORITY (MASSPORT)

BNP PROJECT TEAM:
STEVE LAPORTA
NICK TRIANTAFILIDIS
ALEX HEAD
DON BASSETTE

LOCATION:
LOGAN INTERNATIONAL AIRPORT
BOSTON, MA

CONTRACT PERIOD
06/2012 - 04/2014

ENTIRE PROJECT AMOUNT
US \$150 MILLION

BHS CONSTRUCTION AMOUNT
US \$13 MILLION

REFERENCE:
SAM SLEIMAN - DIRECTOR OF CAPITAL
PROGRAMS
MASSACHUSETTS PORT AUTHORITY
1 HARBORSIDE DRIVE
BOSTON, MA 02110
TELEPHONE: (617) 561-1873

SCOPE OF SERVICES:
CONCEPTUAL DESIGN
DESIGN DEVELOPMENT
CONTRACT DOCUMENTS
BIDDING AND PROCUREMENT
CONSTRUCTION MONITORING

RELEVANCE:
INBOUND BAGGAGE CLAIM
OUTBOUND CHECKED BAGGAGE
INSPECTION AND AUTOMATED
SORTATION SYSTEMS

As part of the Massachusetts Port Authority Design Team, BNP performed the design and construction administration services for the new inbound and outbound Baggage Handling Systems in Terminal B, which is currently operated by United Airlines.

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. The original footprint of the B3/B4 bagrooms were modified to accommodate the proposed alterations and additions and facilitate the new baggage handling and checked baggage inspection system areas (Inbound Claim, Ticketing, Curbside, Transfer, Screening, Outbound Oversize, and Baggage Make-up), which were constructed within a portion of the existing footprint and an expansion of the Terminal.

The Outbound Oversize conveyor line was designed with the provision of a baggage measuring device and a vertical sort conveyor to permit the processing of oversize and non-oversize bags for redundancy considerations, since the outbound ticketing consists of a single conveyor line.

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.