



# ATLANTA-HARTSFIELD INTERNATIONAL AIRPORT

Atlanta, Georgia

## Airport Summary Brief

BNP Associates, Inc. has been involved in projects at the Atlanta-Hartsfield International Airport since 1979. Some of our major projects include:

### TERMINAL NORTH IMPROVEMENT PROJECT

BNP, as part of the Hartsfield Planning Collaborative Planning Team, performed master planning studies for the inbound, outbound and transfer Baggage Handling Systems (BHS). Due to the plan form area of the building, it was necessary to develop planning to link the north and south central terminal outbound BHS to accommodate EDS and future growth. The study also included planning for the processing of baggage from the remote rental car facility as well as baggage originating from the Marta (train) Station. The baggage handling make-up facility configuration was studied to develop alternate configurations to maximize the available make-up within the existing outbound plan form area of the building. Additional studies were accomplished utilizing new facilities to meet future growth. The inbound BHS configuration was studied and concepts developed to increase the stripping conveyor presentation, drive lanes and claim device size.

### DELTA TICKET COUNTER LOBBY PROJECT

This project consisted of the complete renovation of Delta's ticketing lobby support areas and infrastructure. The project increased the number of ticket counters available to passengers inside the terminal and on the lower and upper curbsides. The phased-in project requirements consisted of replacement of offices, kiosks, ticket counters, baggage conveyors, pneumatic tubes and the network backbone while maintaining operations.

### L-MOD CURBSIDE DESIGN

BNP Associates Inc., in coordination with HOK, performed a design modification of the existing South Terminal curbside conveyors and the Delta Dash package handling systems, which became necessary due to the required supports for the new canopy installation. The project demolished the existing full-service curbside and replaced it with a new full-service curbside at the lower level of the South Terminal. The existing Delta Dash conveyors were modified to tie into the new curbside system avoiding the new supports. A new contingency curbside input was designed into the existing car park check-in to be used for manual input in the unlikely event of a failure of the new curbside. Finally, the location of the supports created interferences with some existing Motor Control Panels. The impacted panels were relocated and rewired in a phased manner that the work was accomplished without ever losing the capabilities of any of the lines that were affected



ASSOCIATES, INC.

### BNP PROJECT TEAM

David Mecartney, President  
Steven LaPorta

### BHS CONSTRUCTION AMOUNT

US \$100 Million

### SCOPE OF SERVICES

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