



# Austin-Bergstrom International Airport

Austin, Texas

## Terminal and Apron Expansion Improvements

Austin-Bergstrom International Airport | 2015 – 2019

Austin-Bergstrom International Airport underwent a terminal renovation and expansion project to add nine more gates and increased the airport's capacity to 15 million passengers annually to keep pace with increasing passenger traffic, and to prepare for the future growth of air service to the rapidly growing area.

The original Airport passenger terminal building opened in April 1985 and has three levels totaling approximately 330,000 SF of enclosed and covered unenclosed space. This terminal expansion project provided an additional 48 acres of space to the existing terminal facility. The new east terminal expansion, starting near Gate 2, increased the number of contact gates with boarding bridges at ABIA from 24 to 33 and was completed in 2019.

The Austin City Council in October 2015 authorized the Aviation Department to contract with Gensler (designer), who obtained BNP's services for the BHS design, bid support, construction administration, and commissioning phases of the ABIA Terminal Apron Expansion and Improvement Project.

**Existing Terminal Improvements:** The existing BHS improvements scope included inbound claim system modifications by demolishing and installing a new TRIPLANAR claim device for CD1. The new claim device was installed in the same location as the existing CD1 in the Existing Terminal on the Claim level. The existing claims feed (IB1) was reused and a new IB1A claims feed was also installed to feed baggage to the new CD1 Claims Device. The addition of IB1A was added to provide an additional baggage feed to accommodate the larger sized CD1. The new claim device covers a larger area than the existing CD1 at approximately 73' x 48'. The project also included the demolition and replacement of claim devices CD2, CD3, CD4, CD5, and CD6 with new equipment to match final size, fit, and finish of existing.

**East Terminal Expansion:** BHS upgrades included a new HSPD on the existing East Sort lines to divert baggage from the existing east CBIS and sortation system to the new Sortation Line East (SLE) mainline conveyors that transport screened bags around the outside radius of the existing terminal to feed the three new make-up units in the new East Terminal on the Apron level. The new BHS expansion provides one new ATR and three new sortation make-up devices with two new HSPDs.

The project also provided control system modifications and a satellite control room located in the new East Terminal. It contained the new centralized PLCs; large screen displays and workstations for monitoring and reporting of the expanded BHS.



ASSOCIATES, INC.

### BNP PROJECT TEAM

Dave Mecartney, Principal  
Cal Trudeau, Project Director  
Casey Smith, Project Manager

### TOTAL CONSTRUCTION AMOUNT

US \$350 million

### BHS CONSTRUCTION AMOUNT

US \$15 million

### REFERENCE

Rohini Kumara  
Project Manager  
City of Austin, Aviation Dept.  
3600 Presidential Blvd,  
Austin, TX 78719  
P: +1.512.530.7547

### SCOPE OF SERVICES

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