



## WILLIAM P. HOBBY HOUSTON AIRPORT

Houston, Texas

CBIS Recapitalization  
Program  
Houston Airport System | 2012 – 2016



ASSOCIATES, INC.

BNP was retained to provide design consultancy services for the recapitalization of the existing CBIS in the Houston Hobby Airport T-Point outbound bagroom facility. The T-Point outbound bagroom included a CBIS comprised of three L3 6700 EDS, a six-position CBRA, and two incline plate make-up devices.

Two enabling projects were accomplished to facilitate the Recapitalization Project. The first was the addition of two new outbound flat plate make-up devices and a transfer input subsystem. Two Mechanica flat plate make-up devices were installed to provide additional make-up capacity for Southwest. The second was the replacement of the upper-level controls system and the addition of a BSM interface to facilitate Southwest Airlines' sortation by BSM.

The Recapitalization Project included the modification of the existing CBIS to include four new L3 6700 ES EDS and a new fourteen-position CBRA.

Detailed phasing plans were developed and coordinated to facilitate the EDS device replacements, build the new CBRA, and keep the existing screening system operational.

BNP worked closely with Houston Airport System, Southwest Airlines, and the TSA through all phases of design, bidding, and contract award. BNP supported the installation, testing, and TSA certification with full-time personnel onsite.

### BNP PROJECT TEAM

Steve LaPorta, Principal  
Michelle Brown-Daly,  
Project Director

Bill Bernhardt, Project Manager

### BHS CONSTRUCTION AMOUNT

US \$25 Million

### REFERENCE

John Allen, Project Manager,  
Infrastructure Controls  
Houston Airport System  
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### SCOPE OF SERVICES

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