



El Paso International Airport

El Paso, Texas

Checked Baggage Inspection System El Paso International Airport | 2013 – 2018

Mijares-Mora Architects, in coordination with EPIA, obtained BNP's services to design and develop a complete replacement of the outbound baggage handling system. The scope of this project coalesced the existing carriers decentralized screening areas and make-up into a centralized Checked Baggage Inspection System (CBIS) and make-up area for bag sortation.

The design team identified multiple alternatives for review and consideration by the airport, TSA and other project stakeholders during the integrated local design team review meetings. The preferred alternatives were refined throughout the design stages for TSA submission and approval. All designs provided were developed in accordance with the latest industry guideline documentation with an emphasis placed on the TSA's Planning Guidelines and Design Standards v5.0.

BNP provided complete phasing, contingency planning, configuration management documentation as well as schedule and estimation updates. Final issue for bid drawing and design specifications were provided including multi-disciplinary phasing coordination and document review.

The design includes various high-value operational improvements that benefit EPIA, the airlines, other tenants and occupants, and passengers with enhanced operational efficiency, regulatory compliance, passenger processing and aesthetic appearance. The existing decentralized screening systems were demolished entirely and an automated, more efficient in-line method for loading, transporting, screening, and sorting all checked baggage was installed.

The CBIS upgrade and expansion features an enclosed nearly 32,000 square foot structure to protect screening machines and personnel from the elements, capability to screen a higher volume of baggage in a shorter amount of time, the ability to activate additional curbside conveyor lines for future airline expansion and enhanced machine reliability.



ASSOCIATES, INC.

BNP PROJECT TEAM

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

TOTAL CONSTRUCTION AMOUNT

US \$27.5 Million

BHS CONSTRUCTION AMOUNT

US \$17 Million

REFERENCE

Shane Brooks
Project Manager
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SCOPE OF SERVICES

Conceptual Design
Design Development
Contract Documents
Bidding and Procurement
Construction Monitoring
Testing & Commissioning