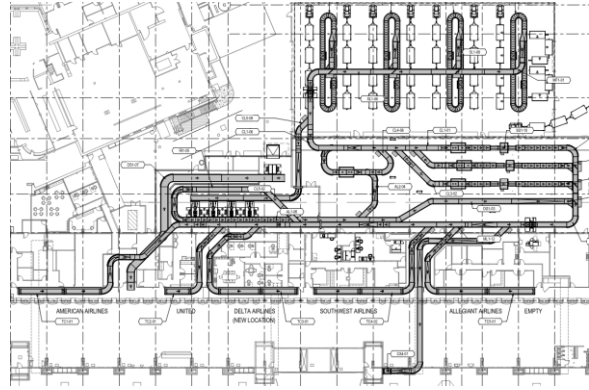
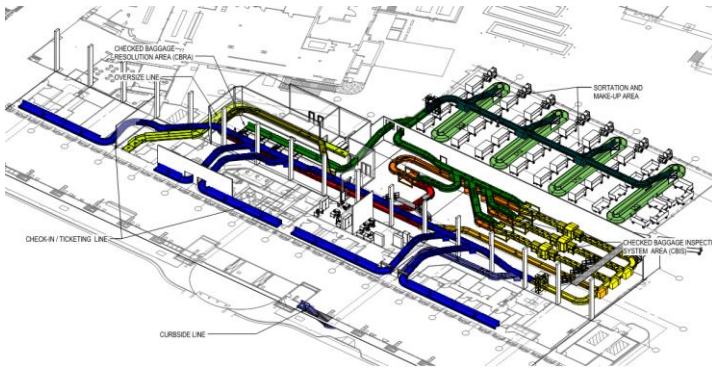


EL PASO INTERNATIONAL AIRPORT, EL PASO, TX CHECKED BAGGAGE INSPECTION SYSTEM – BAGGAGE HANDLING SYSTEM



OWNER:
CITY OF EL PASO, EL PASO
INTERNATIONAL AIRPORT

OWNER'S REPRESENTATIVE
JORGE L. MORA
MIJARES-MORA ARCHITECTS
111 N. FESTIVAL DRIVE
EL PASO, TX 79912
TEL 915 542 1591

BNP PROJECT TEAM:
CAL TRUDEAU, PROJECT DIRECTOR
CASEY SMITH, PROJECT MANAGER

LOCATION:
EL PASO, TX USA

COMPLETION DATE
JULY 2018

ENTIRE PROJECT AMOUNT
US \$27.5 MILLION

BHS CONSTRUCTION AMOUNT
US \$17 MILLION

REFERENCE:
SHANE BROOKS
PROJECT MANAGER
AVIATION DEVELOPMENT
EL PASO INT'L AIRPORT
6701 CONVAIR ROAD
EL PASO, TX 79925
(915) 212-7336

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

RELEVANCE:
AUTOMATED IN-LINE EDS
CHECKED BAG INSPECTION SYSTEM
AUTOMATED BAG SORTATION

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 Planning Guidelines and Design Standards V5.0 issued by TSA.

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.