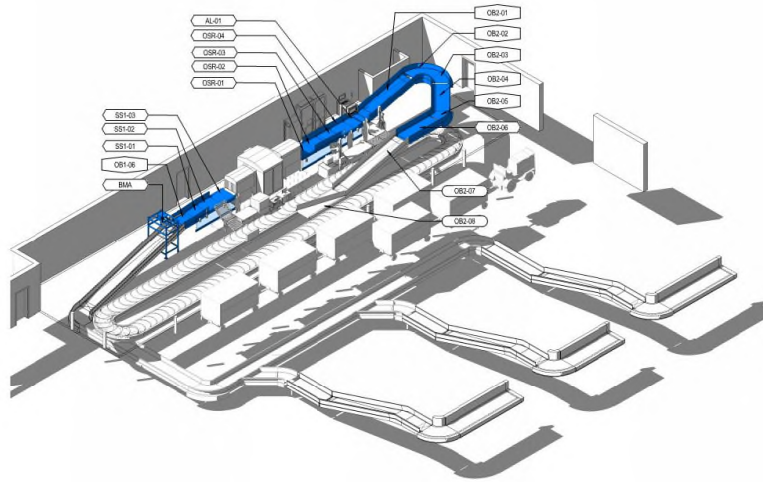


BISMARCK AIRPORT EDS INTEGRATION IMPROVEMENTS - RECAPITALIZATION

**OWNER:**

BISMARCK AIRPORT
BISMARCK, ND 58502
PHONE: (701) 355-1808

OWNER'S REPRESENTATIVE:

KLJ ENGINEERING
4585 COLEMAN STREET
BISMARCK, ND 58503
(701) 355-8405

BNP PROJECT MANAGER:

CAL TRUDEAU

LOCATION:

BISMARCK AIRPORT

COMPLETION DATE:

05/2008 – 05/2016

BHS CONSTRUCTION AMOUNT:

\$850K

TOTAL CONSTRUCTION AMOUNT:

\$1.4 MILLION

REFERENCE:

TIMOTHY J. THORSEN
AIRPORT OPERATIONS MANAGER.
BISMARCK AIRPORT
BISMARCK, ND 58502
PHONE: (701) 355-11808

SCOPE OF SERVICES:

CONCEPTUAL DESIGN
DESIGN DEVELOPMENT
CONTRACT DOCUMENTS
BIDDING AND PROCUREMENT
CONSTRUCTION ADMINISTRATION

RELEVANCE:

AUTOMATED BAGGAGE HANDLING
INLINE EDS SCREENING

The BIS EDS Integration Improvements, project at Bismarck Airport was undertaken by the Airport to facilitate compliance on the TSA Recapitalization program and security protocols mandated by the Transportation Security Administration (TSA) under PGDS v4.2.

This effort was undertaken in cooperation with the BIS EDS Stakeholder group and the TSA Chief Technology Officer (CTO); the project was intended in part to mitigate the high TSA on-the-job-injury rates at BIS.

The new screening matrix consists of a one-(1) inline eXaminer 6700 explosive detection system device(s) manufactured and supplied by L3 Communications.

All "Out of Gauge" bags transported from the ticketing lobby directly into the ETD area for screening. All "in gauge" bags will be available to the EDS device operating in the automatic mode for level 1 screening (minimum of 3 queue belts are provided prior to each EDS device to maintain a balanced throughput of the system per the TSA design criteria for a medium throughput system of 400 bags per hour per EDS device).

After level 1 EDS screening all bags will be transport back onto the flat plate sort device.

ETD "Cleared" Level 3 bags will be inducted back onto the clear bag line from the ETD area on the CB line and transported to the respective make-up device. Failed Level 3 bags will be treated per the local EOD protocol.