



MINNEAPOLIS ST. PAUL INTERNATIONAL AIRPORT

St. Paul, Minnesota

Airport Summary Brief Terminal 1

BNP Associates, Inc. has been the Metropolitan Airports Commission (MAC) baggage handling systems consultant on all of their projects since 2008. Some of our major projects here include:

SOUTH BAGGAGE SCREENING

BNP designed and provided construction administration services for a new South Checked Baggage Inspection System (CBIS) that was built in 2012; replacing a previous semi-integrated system that screened recheck bags. The new screening system included three integrated CTX9800 machines with space planning for as many as five machines in the future. The ability for recheck bags to be routed to either this new South CBIS or the exiting West CBIS was provided and connectivity to the new South CBIS from originating ticket counters was provided in anticipation of additional inputs being connected to the screening systems in the next project.

CBIS INTEGRATION PHASE 3

BNP designed and provided construction administration services for the next project which was completed in 2015; connecting ticket counter lines on the North end of the terminal to the South and West CBISs and providing a new sortation system for those airlines (whose bags had previously been screened in the lobby and loaded onto conveyor lines that went directly to dedicated make-up devices). The project also included a new "min-inline" screening system for out-of-gauge (OOG) bags with an exit-integrated Reveal CT-80DR XL machine and connectivity to an existing make-up used by Delta as well as the new sortation system and make-up devices for the other airlines on the North end.

OPERATIONAL IMPROVEMENTS PROGRAM – EAST, SOUTH & NORTH BHS PROJECTS

For the first of three BHS projects in this program, BNP designed and provided construction administration services for a new East Departures check-in conveyor adjacent to the garage and a new conveyor line to bring these bags as well as those checked in the existing Ground Transportation Center (GTC) to the terminal screening systems with a new route that enabled work planned in upcoming construction projects.

BNP then designed and is currently providing construction administration services for the South side of the terminal; replacing old claim devices on this end of the terminal with six new slope plate claim devices, replacing old ticket counter lines with three new lines as well as a new conveyor line to return empty tubs to the South side of the ticket counter lobby.

We are currently nearing the end of the design phase for a similar project on the North side of the terminal that will replace the remainder of the old claim devices with five more new slope plate claim devices, replace old ticket counter lines with four new lines as well as a new conveyor line to return empty tubs to the North side of the ticket counter lobby.

CBIS RECAPITALIZATION

BNP recently completed the design and approval phase for a CBIS Recapitalization project that is expected to begin in 2022. This project will include adding a new fourth CTX9800 machine to the existing South CBIS and reconfiguring the existing West CBIS for the integration of four new CTX9800 machines; effectively replacing seven older-model CTX9000 machines currently in the West CBIS.



ASSOCIATES, INC.

BNP PROJECT TEAM

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SCOPE OF SERVICES

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Testing & Commissioning