



WASHINGTON DULLES INTERNATIONAL AIRPORT

Dulles, Virginia

Airport Summary
Brief

BNP Associates, Inc. has been working with the Metropolitan Washington Airports Authority (MWAA) to complete projects at Washington Dulles International Airport since 1987. Some of our projects include:

EAST AND WEST BAG BASEMENT NEW BAGGAGE SCREENING SYSTEMS

As part of the MWAA Design Team, BNP performed the design and construction administration services for the new automated checked baggage inspection systems in the Main Terminal East and West Baggage Basements (EWBB). The project implemented current-state-of-technology baggage handling and checked baggage inspection systems, which involved a complete reconfiguration and replacement of the old outbound baggage systems in the west bag room and upgrades to the tilt-tray sortation system in the east bag room. All new systems were installed in a phased-in process to maintain operation of the existing inbound, outbound, and security screening systems for both the airlines and the TSA.

MAIN TERMINAL EXPANSIONS AND MIDFIELD TERMINAL PLANNING

BNP was retained by MWAA and a number of Architectural/Engineering firms to assist in the facilities planning, design and construction of various projects that included Main Terminal expansions, alterations, temporary outbound facility spaces, and Midfield Terminal planning.

The South Bag Basement portion of this program involved the demolition of existing commuter gates and the construction of a 95,000 sq. ft. subsurface baggage facility space to provide a new bagroom operation for the airlines operating out of the center area of the Terminal. The program included the replacement of the existing ticket counter and curbside lines, the installation of new domestic claim devices and an outbound automated baggage handling system.

INTERNATIONAL ARRIVALS BUILDING EXPANSION

BNP was responsible for the design of all the baggage handling systems that support the IAD International Arrivals Building (IAB). The expansion of the IAB and associated inbound baggage handling system was considered one of MWAA's major upgrades and improvements for the Main Terminal.



ASSOCIATES, INC.

BNP PROJECT TEAM

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REFERENCE

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SCOPE OF SERVICES

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