S. Q. Consultants, Inc.
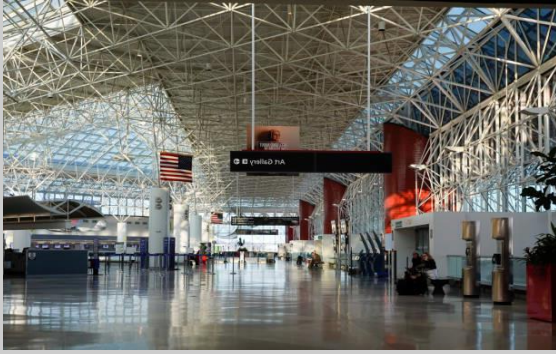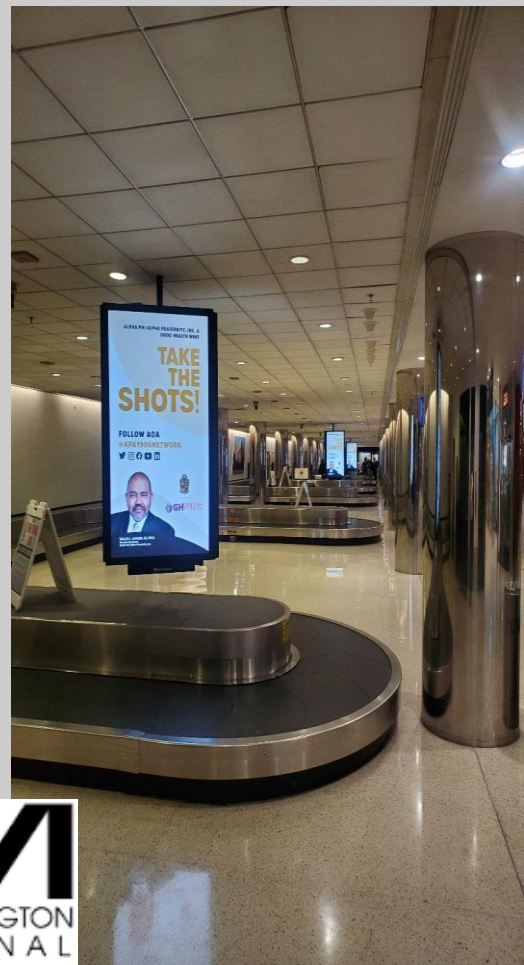**Consulting Engineers**
703-759-4901
www.sqconsultantsinc.com

CASE STUDY: STRATEGIC DESIGN SOLUTION AT BWI AIRPORT

S. Q. Consultants, Inc. celebrating 37 years in business

As consulting engineers, S. Q. Consultants, Inc., played a lead role in overseeing the structural evaluation, engineering and construction plans of a mission critical project at BWI International airport.

OVERVIEW

PROJECT BACKGROUND

The project is part of BWI Airport's $332 Million improvement program to modernize facilities and enhance the passenger experience of over 26 million travellers annually.

S.Q. Consultants was tasked with preparing key permit documents and full design responsibility for the installation of critical monitors across the airport. The project required considerable electrical and structural expertise and design review.

COMPLEX ENGINEERING CHALLENGES

The BWI Airport signage project required the design and installation of oversized monitors from ceiling mounted positions in 8 locations throughout the airport terminals in order to deliver real time insights

Each location presented a unique design challenge to attach the new equipment to the existing infrastructure.

HIGH-IMPACT DESIGN SOLUTIONS

Clear Channel has revamped the advertising program at the airport and S Q Consultants was the designer working with our great team to give BWI a more modern airport experience. The new signage can be seen on the A, B, and D concourses as well as the inbound baggage carousels

S. Q. Consultants delivered strategic structural and electrical design services, including complete design, permitting and inspection support. The team completed the mission critical project on time and within budget in a successful partnership with Patner Construction and RMS Electrical Services, Inc.

CORE COMPETENCIES FOR THE PROJECT

Structural inspection/Evaluation/Engineering

Detailed Design and Coordination

Construction and Project Management

RESULTS AND BENEFITS

Technical expertise and experience

Engineering Evaluation

Design Development and Excellence

Construction Permitting

Individual Client Service