

Serving DFW Airport since inception



Celebrating the 2015 “Best of the Best” Award

Congratulations to Dallas/Fort Worth International Airport for receiving the 2015 “Best of the Best” Award. Jacobs is honored to have served DFW airport since inception of its design 50 years ago. Our gratitude for being given the opportunity to lead the design of Passenger Terminal A is matched only by our dedication to the airport’s continued success as a distinguished global leader.

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Best of the Best Airport/Transit: Dallas/Fort Worth International Airport Terminal A Phase II



Photo: Balfour Beatty Construction

Dallas/Fort Worth

Region Texas & Louisiana

Project Team

Owner DFW International Airport

Lead Design Firm Jacobs Engineering Group

General Contractor BARC, Balfour Beatty, AZTECA, H.J. Russell and CARCON, a joint venture

Owner's Representative Paslay Management Group

Structural Engineer L.A. Fuess Partners Inc.

Civil Engineer Jacobs Engineering Group

Mechanical Engineer CH2M

Plumbing-Electrical Engineer Multatech

Architect Corgan

In 2012, DFW International Airport moved to replace Terminal A's building system after the original system had reached the end of its service life. This project, which involved the installation of new, more efficient primary systems, incorporated innovative ideas for passenger processing, allowing DFWIA and airlines to adapt to rapid changes in technology and passenger demographics.

With Balfour Beatty as managing partner, the BARC joint-venture team began the \$140-million, 400,000-sq-ft project in May 2012 and completed work in December 2014.

Using integrated-project-delivery principles, the entire BARC team created a co-located jobsite that cultivated collaboration and helped to expedite the complex process of coordinating and resolving issues.

During construction, BARC teams contended with the airport's need to maintain 24/7 operations as well as security and site access for both personnel and construction materials. Workers also had to perform abatement and construction above operational back-of-house areas and overcome unforeseen conditions.

A carefully mapped plan allowed the team to keep the airport safely operational during 1.3 million worker-hours while renovating all back-of-house systems. BARC's safety program was centered on a zero-harm approach in which processes and procedures are geared to be proactive and an integral part of operations.

The judges noted that the management of the project came across strongly with the four-way joint venture, with the project team using all the advantages technology could offer. "Heavy use of e-technology—with BIM and cloud technology—helped with the teamwork," one juror said. BARC's

cloud-based document-management system ultimately yielded \$5 million in savings for the owner.

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DFW Airport Named in ENR's 2015 "Best of the Best" Awards

DFW Airport has been named the 2015 "Best of the Best Airport/Transit" by ENR Magazine. The tensioned fabric structures, design and constructed by FabriTec Structures, and in association with Jacobs Engineering, can be seen at DFW Airport's Terminal A. The design features three sail-like fabric structures utilizing PTFE fabric. At around 700 sq. ft. the design is simplistic but adds a beautiful touch to the minimal surroundings.

More photos of the DFW Airport Terminal A tension fabric structures can be found on the [FabriTec Structures site](#). News about awards and project updates can be found on any of FabriTec's social media networks like [Facebook](#), [Twitter](#), [LinkedIn](#), [Google+](#), and [Flickr](#). Follow us for up-to-the minute tensile membrane and fabric structure news. Discover other exciting tensile news from the industry's leading design/build firm by searching hash tags #ProjectUpdate and #FabriTec.

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