Denver International Airport

In 1995, Denver International Airport (DIA) opened its terminals for the first time, adding much-needed airport capacity to the Denver area. For that project, Watson Bowman Acme provided a number of expansion joint solutions, many of which are still in pristine condition over 20 years later.

Given that track record, it’s no surprise that when a massive addition to the airport was announced, RSI – the contractor on the original build – chose WBA once again to provide expansion joint solutions. A diverse set of joint requirements accompanied the diverse set of new additions, which included a new Hotel and Transit Center, a commuter rail, new parking decks, new roadways and baggage transportation. To meet these needs, WBA brought Wabo® solutions from all three of its market sectors - Parking, Bridge and Architectural Buildings – to the table.

On top of selecting joints from its standard catalog, WBA utilized its in-house engineering team to design a custom solution for the airport plaza deck, working hand-in-hand with the architect. At the end of the day, WBA was able to use its diverse product line and engineering capabilities to meet all expansion joint needs at DIA.

WBA PRODUCTS USED

- Wabo®SafetyFlex
- Wabo®Seismic SafetyFlex
- Wabo®WaterTite
- Wabo®WeatherSeam
- Wabo®Seismic WeatherSeal
- Wabo®ElastoFlex
- and more...

INSTALLATION

2015

BUILT

1995

Denver, CO

OWNER

- City & County of Denver Dept. of Aviation

DESIGN TEAM

- Gensler
- Anderson Mason Dale

CONSTRUCTION TEAM

- MHS (Mortenson, Hunt & Saunders Construction tri-venture)
- Restoration Specialists, Inc. (RSI), contractor

STATISTICS

- Passengers (2017): 61,379,396
- Total land area: 52.4 sq. mi. (136 sq. km.)
- Elevation: 5,431 ft. (1,655 m)