

Denver International Airport Undergoes Garage Restoration

Parking garages at Denver International Airport (DIA) are undergoing a four-phase moisture-protection program. This project will extend the service life of all six parking structures and provide long-term benefits and cost savings to the City and County of Denver.

The project is aimed at significantly enhancing long-term durability for the precast concrete structures. Waterproofing and other protective systems were applied to assist in protecting the structural components from corrosion-causing mechanisms.

In 1998, DIA began to develop the program for all levels of the six parking structures to minimize the migration of water, mainly from melting snow and ice, from the top level to the levels below. Phase I began in 2000 and Phase II was completed in June 2007. Phase III is scheduled to finish this year, and Phase IV will conclude in late 2009.

"A collaborative effort between Denver International Airport and the Walker team has resulted in a smooth restoration project for all involved," said Randal Beard, Principal for Walker Restora-

tion Consultants' Denver office. "Taking the appropriate measures to restore structures long before potential problems could ever surface ensures patron safety and cost savings."

DIA's six garages provide covered parking for approximately 13,000 vehicles. The airport has more than 40,000 public parking spaces. DIA had more than 47.3 million total passengers in 2006 and was on pace to achieve a record-setting 2007 (final passenger totals for 2007 are still to be released).

Once all four phases are complete, more than 150 miles of sealant that has reached the end of its useful life will have been replaced.

Denver is within four hours flying time of every major city within the contiguous United States and Mexico, and most Canadian cities. Denver International Airport is home to more than 30 commercial airlines, including regional carriers and charters, which offer more than 140 domestic and international destinations with nonstop service.

For more information, check out the firm's website: www.walkerrestoration.com.

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Three of DIA's six garages, all undergoing moisture-protection restoration to extend the lives of the structures.