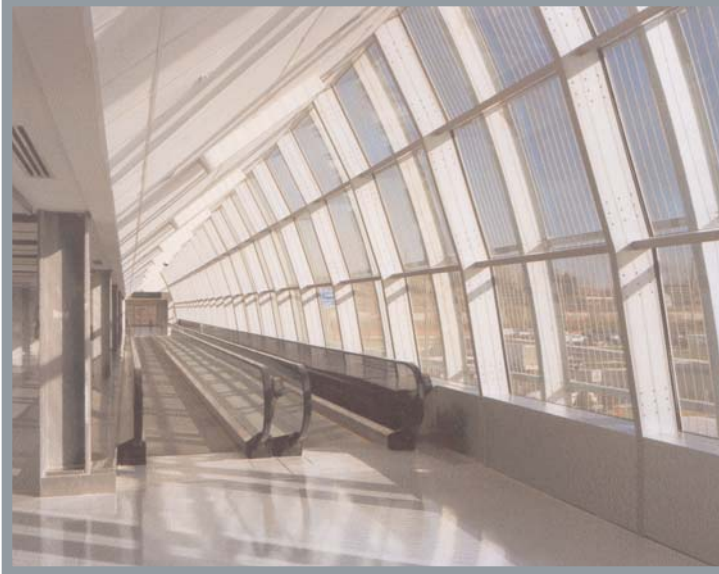


2005 EXCELLENCE IN HOT-DIP GALVANIZING BUILDING & ARCHITECTURE



HARRISBURG AIRPORT MULTIMODAL TRANSPORTATION FACILITY

Harrisburg, PA



HNTB Architecture, Inc.
Architect & Engineer

As hot-dip galvanizing delivers a maintenance-free lifetime of 50 years or more, it was selected to protect the structural columns, girders, splice plates, tubing, and stair framing of this parking garage and rental car facility. Besides this functional quality, the appearance of the zinc coating unified the facility with the surroundings of the airport itself. Use of galvanized steel also allowed for an open, flexible floor plan required for the first-level rental car facility—through the use of exposed moment frames—while still protecting the structure from the corrosive road salts deposited within. According to the Harrisburg airport director (who had a very positive experience using hot-dip galvanized steel on the Manchester New Hampshire airport), “The designers liked the strong contextual relationship between a galvanized multimodal facility and the airport’s new terminal.” The hybrid structural system, featuring hot-dip galvanized steel columns and beams, in combination with precast double tees, gives the facility a visual openness and a compositional synergy with the mostly-transparent envelope and metal cladding of the new terminal. Galvanizing—functional, versatile, and aesthetically appealing!

