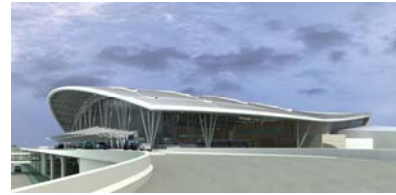
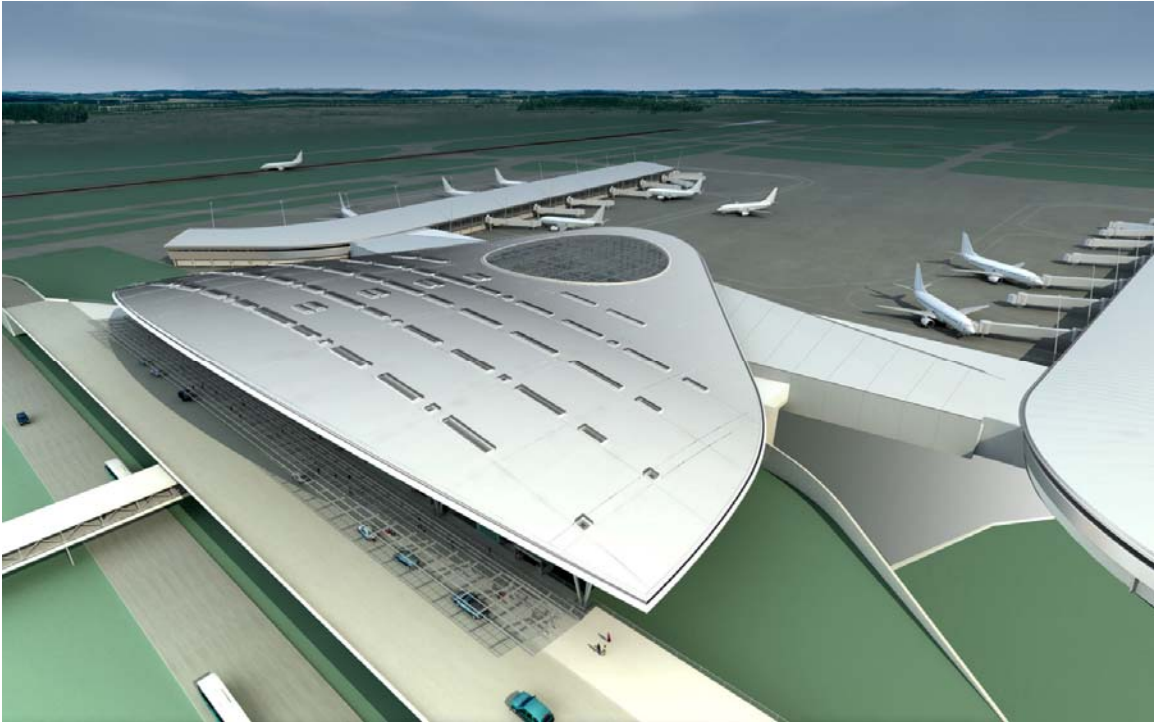


Indianapolis International Airport –  
Midfield Terminal  
Indiana, IN



## Background, Architecture & Site



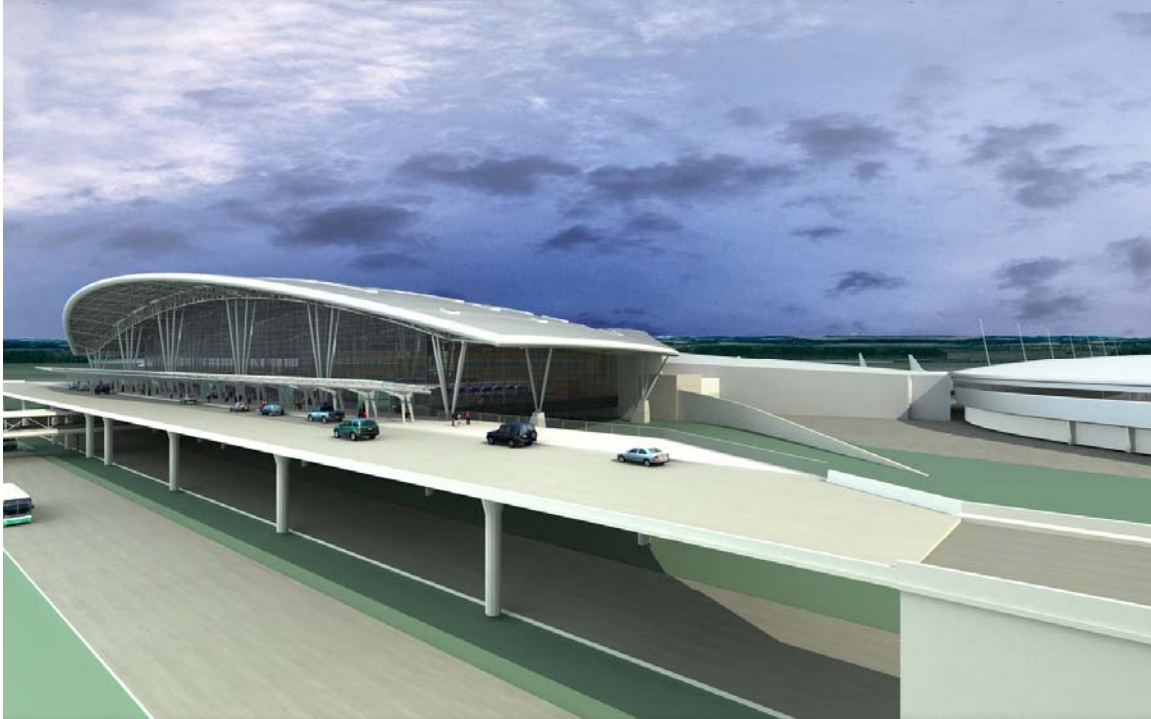
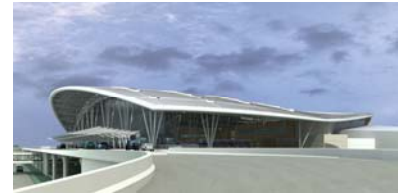
In August 2005, groundbreaking has occurred for the city of Indianapolis' \$975 expansion of New Indianapolis International Airport. Part of the scope includes a Mid-field Terminal that will connect two nearly identical concourses.

The Indianapolis Airport Authority's goals for the New Indianapolis Airport demanded that the air-travel gateway for "The Crossroads of America" be modern, efficient and uniquely representative of the history and future of Indiana.

Designed by the internationally renowned firm of Hellmuth, Obata + Kassabaum (HOK), the terminal is meant to foster economic growth and make Indianapolis a clearly distinct travel destination. It reflects the economic and cultural history of the Indianapolis area and symbolizes its bright future, while applying newly advanced security considerations. The result is an uniquely designed architectural structure that works with the wind, sun and takes advantage of natural illumination

The HOK-designed project is slated for completion in late 2008. The new Indianapolis International Airport building will include a new ticketing hall, central passenger security, baggage claim area, administrative offices and as many as 40 gates that can collectively accommodate the complete range of both narrow and wide-body aircraft.

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Landside development of the Midfield Terminal will provide roadway access, utilities distribution, vehicle parking, support facilities and commercial development areas for the terminal complex. Airside development of the Midfield Terminal will provide aircraft gates and remote parking areas, access to the runways and aviation support facilities.

The heart of the terminal is a circular glass enclosed space – reminiscent of Indianapolis downtown’s Monument Circle, which will serve the functions of security, retail and food service as well as provide space for civic activities, art gallery and public events that will breathe the character and diversity of Indianapolis and the region.

The Indianapolis Airport Authority believes that this project will provide them with a unique opportunity to develop more environmentally friendly buildings and facilities. The terminal is set to incorporate the latest green practices that are considered hallmarks of sustainable development. Operational efficiencies will be gained by incorporating energy-efficient architectural designs and energy management systems.

The terminal’s design incorporates the latest green practices that includes a great arched roof which will shelter the glass walls from sun and collect the sun’s illumination through it’s skylights. The arching of the roof promotes natural cooling by harnessing the air flow over its surface and the roof surface will reflect energy, limit heat gain and channel water for collection. Additional energy conservation will be achieved in other ways, notably by its location. By building the terminal in the “midfield” between the main runways, taxing will be cut significantly, reducing passengers’ time spent in aircraft, as well as fuel consumption, air pollution and noise.