



## **Indiana Convention Center Phase V Indianapolis, Indiana**

The project includes 254,000 square feet of open exhibit hall space, 55,000 square feet of meeting rooms plus space for circulation, a new kitchen, loading docks, and other support areas totaling over 650,000 square feet.

The demolition of the existing RCA Dome made room for the new exhibit hall space adjacent to two current exhibit halls. The existing halls opened into the new space after the existing columns supporting the trusses were removed. The existing trusses were temporarily shored until the new construction was completed, which will support the existing trusses after the columns are removed.

The exhibit hall framing consists of structural steel trusses spanning 240 feet to primary trusses supported by columns at 90 feet on center. The meeting rooms and offices are on elevated structural steel floor framing.

The project signature architectural piece is a transparent glass entry cube with exposed architectural structural steel columns and cantilever framing. The construction was phased with the structural package being released approximately three months before the architectural and MEP packages. The structural system was modeled using REVIT, a three dimensional drawing software package, allowing close coordination between the structural and architectural systems.

FRP is the Structural Engineer of Record for the entire building portion of the project.

Completion Date: 2010  
Architects: Ratio Architects  
Owner: Indiana Stadium & Convention Building Authority  
User: Capital Improvement Board

