



## Lakewood Stadium, Atlanta, GA

The Lakewood Stadium renovation project integrated structural precast products with architectural features into existing stadium facilities to reconstruct stadium seating and add restrooms, concession areas, athletic offices, locker rooms, and a press box. The stadium is used as the home stadium for four Atlanta area high schools and required a highly reliable and effective solution for the remodel in order to accommodate the different teams and visitors.

Precast components were selected for stadium to provide a safe and durable material to support seating, accommodate the open-area design, provide vibration control, and accommodate a winter build schedule with adverse weather conditions. The precast system, composed of 300 panels and 23 single-piece columns, beams, double tees, and risers was completed over a ten week period. The precast stadium framing units were specially designed to withstand large loading capacity to support up to 8,012 people.

ASC provided press box walls, double tees, columns, stadium riser sections and the supporting raker beams. The raker beams, used in outdoor stadiums, are designed and cast to match the riser sections they support. The precast columns provide an opening under the risers for classrooms and locker rooms. The use of rigid precast in the stadium seating provides deflection and vibration control. ASC completed the project over a ten week period.

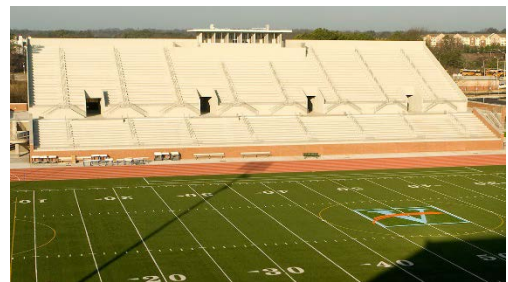
### Project Facts:

**Market Segment:** Higher Education  
**Building Type:** Stadium  
**Products Used:** Precast columns, risers and riser beams, wall panels, and double tees



### Project Design Team:

**Owner:** Atlanta Independent School System, Atlanta, GA  
**General Contractor:** Winter Construction, Atlanta, GA  
**Architect of Record:** Manley Spangler Smith Architects, Griffin, GA  
**Engineer of Record:** Manley Spangler Smith Architects, Griffin, GA



### Company Information:

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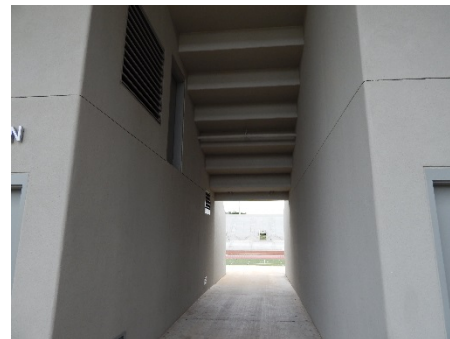
ASC's precast stadium components, including riser sections and raker beams, offer stiffer sections, which greatly reduces vibrations from spectator noise and movements. The absorption of the vibrations allows for a more enjoyable view setting.



Precast walls, columns, and stadium seating can be created in specific sizes to accommodate various load capacities, and with various features to meet owner or district requirements.



Precast stadium seating and floor systems provide inherent vibration control capabilities. The dampening characteristics of precast floor systems are able to dissipate the vibration and energy received in a very short time period.



ASC designs integral vomitory walls in any shape or size required to meet the project specifications. These passages can also incorporate outside walls, stairs, and terracing units.

