

PROJECT SPOTLIGHT



OWNER

Clemson University

PROJECT DESCRIPTION

Structural design services for a major expansion/renovation to provide a larger seating area, and upgrade the VIP suites and press box.

CHALLENGE

To incorporate existing facility into the new design.

SIZE

3,800 seats plus VIP suites, with additional space for 2,500 spectators along left field line.

CONSTRUCTION AMOUNT

\$4 million

ARCHITECT

HOK Sport

CONTRACTOR

Yeargin Construction
(now Yeargin Potter Shackelford)

COMPLETION YEAR

2003

Doug Kingsmore Baseball Stadium Addition and Renovation, Clemson, SC

A major upgrade at Clemson's Tiger Field transformed the Doug Kingsmore Stadium into one of the premier college stadiums in the nation. In addition to a new façade, the comprehensive renovation and expansion included an all-new press box and updated VIP suites; new ticket booths and seating; expanded dugouts and revamped bullpen; new indoor batting cages; new batter's eye; and new concessions and restroom facilities.

Britt, Peters and Associates provided the structural design and details for the \$4 million project, which significantly increased the stadium's capacity. The stadium now accommodates a total of 6,000 people – 3,800 permanent seats with additional space for approximately 2,500 spectators in the grassy area along the left-field line.

One of the biggest structural design challenges was to incorporate the existing facility into the new design. This was accomplished with thoughtful planning. For example, following demolition of the existing press box, new seating was added in its place. The press box's media terrace and its roof system is now cantilevered over the existing stands to provide a true separation between the existing and new structural systems. Both the foundations and the new columns were specially designed and located to ensure existing construction was not affected.

This project used a combination of concrete masonry load-bearing walls and structural-steel frames built on a pile foundation. The media terrace features composite steel construction with exposed concrete. The roof system consists of a 3-D structural-steel truss system with a steel deck. The ticket booths and concession stands utilize masonry construction, and the batter's cages are steel-framed.

Doug Kingsmore, for whom the facility is named, was a star player on Clemson's 1954 ACC Championship baseball team.

For more information on how Britt Peters can serve you go to www.brittpeters.com

