



PROJECT PROFILE

Nicks Field House

Prairie View, Texas

Client:
Prairie View A&M University
Prairie View, Texas

Approximate Construction Cost:
N/A

Year Completed:
October 2004

Services Provided:
Assessment

Contractor:
N/A



The William "Billy" J. Nicks Field House is a 6,500-seat multi-purpose arena in Prairie View, Texas that is home to the Prairie View A&M University Panthers basketball team on the campus of Prairie View A&M University located in Prairie View, Texas. The University employed the services of Price Consulting, Inc. (PCI) to perform a condition assessment of the existing roof system on the subject building. The roof construction on the subject building consisted of a spray-applied polyurethane foam (SPF) roof covering with an elastomeric protective acrylic coating that was installed over a cementitious wood fiber panel roof deck supported by structural steel framing. The roof on the dome slopes at greater than 6:12 toward low-sloped drainage areas/valleys located along the perimeter/base of the dome. The roofs encompass a plan area of approximately 64,000 square feet.

PCI personnel performed a condition assessment that included visual documentation of existing conditions; collection of representative photographs; performing roof cores at select representative locations; and performing testing of collected samples. The samples of the SPF were tested for compressive strength and measurements were gathered for SPF lift thickness and documenting the number of lifts and for coating thickness. The findings of the assessment were presented in an engineering report together with recommendations for corrective action and photographs.

