



# PROJECT PROFILE

## Rhoads Elementary School

Houston, Texas

*Client:*  
Houston ISD  
Houston, Texas

*Approximate Construction Cost:*  
\$577,000.00

*Year Completed:*  
August 2009

*Services Provided:*  
Design, CA, & QAI Services

*Contractor:*  
J.A. Walker Roofing Co., Inc.  
LaMarque, Texas



Houston Independent School District is the fourth largest district in the U.S. with over 250 schools. PCI was retained by HISD to provide design services for the roof replacement at multiple schools including Rhoads Elementary School. The subject roof on the existing school encompassed approximately 41,700 square feet. The existing roof construction consisted of a gravel-surfaced built-up roof over a cementitious fiber plank deck supported by bulb Tees. PCI also assisted the District with the Competitive Sealed Proposal project cost delivery method and provided technical support and quality assurance inspections during the roof replacement activities.

The scope of work included the removal of the existing material down to the deck; application of base sheet and a modified bitumen secondary roof on top of the deck; installation of tapered lightweight insulating concrete fill with encapsulated EPS board; and installation of a mechanically-attached base sheet and a two-ply modified bitumen membrane with a granule-surfaced cap sheet. The scope of work also included new skylights with fall-guard screens; installation of new pre-finished sheet metal expansion joint covers, gutters, and downspouts; installation of new metal wall panels over rise walls; and new pre-manufactured supports for roof-top piping.

