



PROJECT PROFILE

S. Padre Main Post Office

South Padre Island, Texas

Client:
U.S. Postal Service - Houston District
Houston, Texas

Approximate Construction Cost:
\$158,850.00

Year Completed:
May 2006

Services Provided:
Design, Const. Admin, & QAI

Contractor:
American Roofing & Metal Co.
San Antonio, Texas



The U.S. Post Office South Padre Island Main Station is located on South Padre Island, Texas. The building is a two-story structure comprised of concrete framing. The roof consisted of two types of construction including a low-sloped built-up roof over concrete deck encompassing 8,500 square feet and steep-sloped flat cement-fiber shingle roof covering over plywood deck encompassing 5,800 square feet. PCI was retained to prepare Specifications and Drawings for replacement of the subject roofs and provide on-site quality assurance observations during construction.

The scope of work included removing the underlayment and shingle down to the plywood sheathing; installing new self-adhering underlayment; installing new wood battens; and installing new S-shaped tiles. The tiles were secured to the wood battens with stainless steel screws and set in low-rise foam on top of the underlayment. Hurricane clips were installed at the side laps of the tiles for additional wind resistance. The built-up roof was removed and polyisocyanurate insulation and gypsum roof cover board were set in low rise foam and a torch-applied modified bitumen membrane was installed. New stainless steel sheet metal flashing (counter flashings, copings, curb caps, etc.) and gutters/downspouts were installed. The scope of work also included replacing sealants in the exterior wall joints and around perimeters of windows.

