Tornado Disaster Recovery—(5) Alabama Fire Stations

Project Information

Location: North Central Alabama

Construction Role: Prime, General Contractor, Design/Build Project

Contract Value: \$564,145

Percentage of Work Self-Performed:

Approximately 50%

Work Diné Self Performed:

Site Design

Scheduling

Estimating

Project Management

Supervision

Contractor Quality Control

Building Erection

Site Work

Foundations

Date Construction Began:

May 2011

Date Construction Complete:

June 2011





General Scope of Construction Project:

The April 25–28, 2011 tornado outbreak was the largest single-system tornado outbreak ever recorded. Over 150 persons were killed in Alabama and billions of dollars in property damage was reported. Among the structures destroyed were dozens of public facilities necessary to provide essential services such as health care, public safety and emergency response. Just days after the storms, the USACE awarded Diné contracts to design and build five temporary fire stations around the state to replace facilities destroyed by the tornados. The first contract was received on May 17 and work began the next day to restore these vital facilities. The first of the fire stations was completed on June 3, 2011 and all five projects were complete by June 22 – only thirty-six days after the award.

To meet this immediate need, Dine' cleared debris and graded the sites, installed utilities and paving to make the sites ready for the temporary structures. Modular command centers and living quarters were then installed to house the personnel and operations center of the fire departments. Large clear-span fabric structures with steel overhead doors were erected to house fire trucks and equipment. All of the operations centers were provided with heating and air conditioning, restrooms, office furniture, and ADA ramps for handicap access. The fabric structures were equipped with high-bay lighting, power ventilation and electrical receptacles needed for the fire fighting equipment and for convenience.

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