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Southwest Construction's Best of 2009 Awards

I-40 San Mateo to Pennsylvania

Transportation

Submitted by Wilson & Company, Inc., Engineers & Architects, Gannett Fleming West, NMDOT and AUI, Inc.

I-40 San Mateo to Pennsylvania

Photo: Eagle's Eye Photo Imaging

I-40 San Mateo to Pennsylvania was one of the most challenging reconstruction projects in New Mexico in recent years. On weekdays, the traffic flow exceeds 155,000 vehicles per day through the project site, the next-to-last in a series designed to widen and improve I-40 through Albuquerque. With only 300 days allowed for completion, this project required the addition of one traffic lane in each direction, pavement rehabilitation for existing lanes and underground utility construction, chiefly for drainage improvements. Constructing noise walls close to developed areas without damaging existing structures was one of the most challenging aspects of the project. This was resolved by using a combination of H-pile pilasters with drilled shaft foundation.

I-40 San Mateo to Pennsylvania



Photo: Eagle's Eye Photo Imaging



Photo: Matthew Nighbert / Gannett Fleming West

Benefitting both the people of New Mexico as well as NMDOT, the project will reduce maintenance, increase shoulder widths, add driving and auxiliary lanes and reduce traffic noise. The addition of Intelligent Transportation Systems will keep the public informed about traffic congestion and incident management.

Key Players

Owner: New Mexico Dept. of Transportation

Design Firm: Gannett Fleming West; Wilson & Company, Inc., Engineers & Architects

General Contractor: AUI Inc.

Subcontractors: Mountain States Constructors; Mcdade-Woodcock; Highway Supply; Associated Concrete Cutting; Guzman Construction; Bogan Brothers Painting