

# Project Impactor: On Location

HDD Pipe Bursting in Santa Fe, New Mexico



**A**lbuquerque Underground's (AUI) trenchless technology group has ten years of experience in pipe bursting, sliplining and pipe ramming. The group's approach to new construction technology and methodology is to stay on the cutting edge.

AUI was contracted to replace a 325 foot section of deteriorated and partially collapsed vitrified clay pipe (VCP) sewer main on the Old Santa Fe Trail in Santa Fe, New Mexico. AUI chose an 8" HammerHead® Air Impactor™ pipe bursting device and a Vermeer® D33x44 to replace the main.

The new main was installed and the pipe bursting system packed up in a matter of hours. The AUI crew is accustomed to the lengthy setups and teardowns associated with traditional pipe bursting systems. They were very impressed with the overall efficiency and speed of replacing pipe with the HammerHead Impactor/HDD pipe bursting system.

## Project Details

Contractors	Albuquerque Underground Inc.
Date	May 6, 2002
Project	Sanitary sewer main replacement in Santa Fe, New Mexico
Specifications	325 feet of 6" VCP replaced with 8" Plexview HDPE sdr 17
Equipment	8" Air Impactor™ and Vermeer® Navigator® D33x44 Horizontal Directional Drill
Production Rate	Average of 3' per minute including rod changes in sandy hard packed clay



**Left:** Access hole for D33x44 drill rods to the backside of the exit manhole. **Right:** Drill rods pushed through existing 6" line.

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*Left: HDPE installed through existing 6" VCP line. Top right: The Air Impactor entering the old pipe under an exposed 1 1/4" gas line utility. Above: The Air Impactor arriving at the exit manhole prior to extraction.*



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