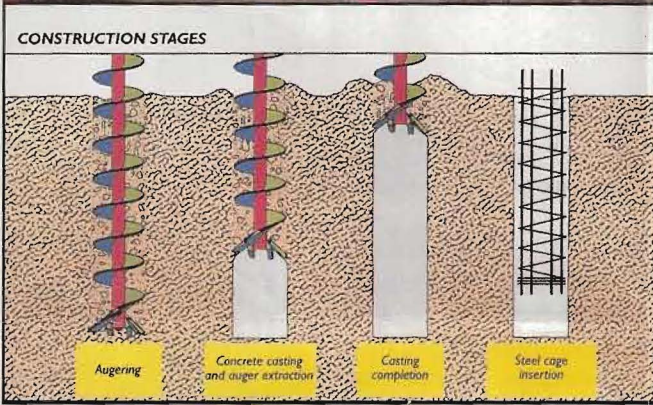


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Top: 30-inch piles are augered after being lined up on 25-inch centers.

Above: Rendering shows how concrete is delivered via Continuous Flight Augering

tie-backs are bored through every other soft pile. Some 32 tie-backs were set at 60 feet on average in length, a fast method of shoring. In five days, 61

complete the job. Conventional shoring methods, according to Scheffler, would have required wood lagging for shoring and the room to have it placed on site.

Change Of View?

There is never an open drilled hole with CFA piles. According to Scheffler, L.A. County's Department of Engineering is considering writing the CFA method into the "Green Book" — the stringent standards for most cities. Scheffler wants make sure engineers and contractors are well educated in the technique. "I want to make sure they use a computer-monitoring system in order to perform CFA safely and quickly," he said. ■

Challenges

Since this was an emergency situation, time was crucial, as this is the only North/South artery on Pacific Coast Highway above Malibu. The Secant Pile Wall with the CFA method drastically cut both time and staging area necessary to

CFA has been used in the **soggy soils** of **England** for over thirty years...