

## Health and Safety Plan for Highway Widening *Foster City, California*



*The level of lead in the surface soil was not high enough to render it hazardous, so it was transported to another Caltrans site for reuse in a safer application.*

### California Department of Transportation

#### *Highlights:*

Prepared site-specific health and safety plan and arranged training for workers handling lead-contaminated soil

Monitored air during construction

Accelerated analysis of laboratory sample results

While widening several miles of State Highway 92, Caltrans found the upper six inches of soil to be significantly contaminated with lead.

In response to Caltrans's request, Tetra Tech prepared a site-specific health and safety plan for excavating, transporting, and reusing the soil and provided support services that included training for all personnel working with the lead-contaminated soil, their supervisors, and personnel involved in collecting air samples. We also arranged eight-hour hazardous waste supervisors training for Caltrans personnel.

We performed air monitoring to determine if the lead deposited in the upper six inches of soil would create unsafe concentrations of airborne lead during excavation, but no airborne lead was detected in the samples.

Tetra Tech also arranged with a drilling company to collect soil samples from the area to be excavated.

We submitted a report summarizing the analytical data to Caltrans three working days after we completed the sampling.