

EDUCATION

B.S., Civil Engineering, University of California at Berkeley, 1993

ACCOMPLISHMENTS - ENGINEERING AND SPECIAL INSPECTION

Geotechnical investigations for custom homes and public works projects
 Design and construction observation of landslide repairs
 Engineering support for special inspection of DSA-regulated, hospitals and schools
 Laboratory testing supervision and quality control

ACCOMPLISHMENTS - CONSTRUCTION

House foundation stabilization/underpinning construction
 Retaining wall design and construction
 Landslide repair and grading projects
 Creekbank repair and erosion control
 Cost estimation services

REPRESENTATIVE EXPERIENCE

Stormdrain Improvements Newark, CA
 Provided project management and coordination of a geotechnical investigation for the installation of a new 72-inch diameter reinforced concrete pipe under a major freeway. Scope of services include coordination with public agencies, permitting, supervision of subsurface investigations, coordination of environmental testing, and soils lab testing.

Slope Stabilization and Roadway Improvements Oakland, CA
 Provided construction supervision of the repair of a roadway impacted by creekbank erosion. Project involved the installation of stabilization piers, reconstruction of the affected road surface, and installation of erosion control measures.

Highway Off-Ramp Widening and Realignment Orinda, CA
 Performed subsurface exploration, field mapping, soils testing, engineering analysis, and preparation of a geotechnical report for a proposed widening and realignment of a highway off-ramp.

Roadway Improvements Oakland, CA
 Provided a geotechnical investigation and soils report for new roadway improvements at a city transit village. Project involved geotechnical studies and pavement design for the City of Oakland Public Works Agency in support of the City's redevelopment of the 7th Street Gateway project in west Oakland. Project included more than 15 borings of varying depths and the preparation of a geotechnical and pavement design report.

Landslide Investigation and Litigation Orinda, CA
 Provided estimation services for a legal case involving the potential impact of a landslide on an easement for an access driveway involving two properties. Project involved site reconnaissance, development of repair alternatives, development of cost estimates, depositions, and court testimony.

Landslide Investigation Contra Costa County, CA
 Performed subsurface exploration and site monitoring on behalf of Contra Costa County for a landslide that undermined a subdivision. Work also included emergency field coordination of dewatering measures.

Landslide Repair Projects East Bay, CA
 General contractor for the repair of more than 20 landslides affecting residential developments. Work was completed between 1996 and 2007. Provided design and construction services on several projects.

Retaining Wall Projects Pleasanton, CA
 General contractor for the construction of new or replacement retaining walls for more than 20 properties in Northern California.

Drainage Culvert and Driveway Installation Martinez, CA
 As general contractor, installed a bridge over a drainage swale consisting of corrugated metal plate arches and structural backfill. Project also involved the placement of over 700 yards of fill and the installation of a 500-foot long gravel-lined driveway.

Linear Accelerator Tunnel Menlo Park, CA
 Provided special inspection and engineering support services for the tunneling of a research facility for Stanford University and the U.S. Department of Energy. Engineering support also included rock bolt inspections, testing, analysis, and the installation of high density concrete.

New Mausoleum Structures Colma, CA
 Provided foundation investigations and soils reports for new mausoleum structures in a cemetery. Work also included construction supervision of grading and special inspections of concrete placement.

New Library Construction Oakland, CA
 Providing IOR (Inspector of Record) services for the new construction of a library. Work includes managing subcontractant, we are providing inspection supervision and documentation of all phases of construction as they relate to DSA (Division of the State Architect) jurisdiction.

Levee Geotechnical Investigation Fremont and Union City, CA
 Provided project management and coordination of geotechnical investigations for the evaluation of a levee system for FEMA certification. Scope of services include coordination with public agencies, permitting, supervision of CPT and soil borings, and lab testing.

