



EDUCATION

B.S., Civil Engineering, University of New Orleans, 2005
International Erosion Control Association 2009 Conference
CPN Training Course on Radiation Safety and Use of Nuclear Gauge

PROFESSIONAL ORGANIZATION

American Society of Civil Engineers
International Society of Arboriculture

ACCOMPLISHMENTS

Geotechnical-related structure design
Geogrid-reinforced soil slopes and segmental retaining wall designs
Preparation of plans and specifications for municipal agencies
Construction Quality Assurance for Public and Private Clients

REPRESENTATIVE EXPERIENCE

City of Oakland - Skyline

Boulevard Landslide Repair

Oakland, CA

Project engineer for the hillside stabilization project constructed below the west side of Skyline Boulevard in Oakland, California. Project included site visits and calculations, plans, specifications and engineer's estimates for a soldier pile and wood lagging retaining wall that was constructed as part of this project.

St. Mary's Road Landslide Repair

Lafayette, CA

Field engineer during remedial grading of a landslide. Project included slope stabilization of a hillside adjacent to St Mary's Road. Work consisted of quality assurance, geotechnical observations, compaction testing during grading, and completion of record drawing during construction.

Camino Pablo Landslide Repair

Moraga, CA

Project engineer for landslide repair during remedial grading of a landslide adjacent to Camino Pablo Road. Project included preparation of plans, specifications, and engineer's estimates for geogrid slope stabilization and wood post and wood lagging retaining wall. Field work consisted of quality assurance, geotechnical observations, compaction testing during grading, and completion of record drawing during construction.

Alameda County Flood Control and Water Conservation District - Alameda Creek 44CFR 65.10 Levee Certification Fremont, CA

Project engineer for the certification of approximately 21 miles of levees under Fema 44CFR 65.10 requirements. The project consisted of developing a subsurface exploration and testing program that could be used to support the geotechnical analyses completed to certify the levees as meeting the standards for design, operation, and maintenance set forth in 44 CFR 65.10. The exploration program consisted of cone penetration test (CPT) soundings, borings using mud rotary drilling and sampling, and borings using limited access drilling and sampling.

Alameda County Flood Control

District- Zone 5 Line B Pipe Jacking

Newark, CA

Project engineer for the addition of a 72" reinforced concrete culvert to the Line B drainage channel in Newark. Work consisted of geotechnical investigation of the proposed pipe jacking and receiving pits, and the preparation of design memorandum.

Bollinger Canyon Road

Storm Drain Improvements

Moraga, CA

Field engineer for storm drain improvements along Bollinger Canyon Road in Moraga. Project included quality assurance, geotechnical observations, compaction testing during grading, and completion of record drawing during construction.

Storm Drain Replacement

Walnut Creek, CA

Project engineer for the design of a replacement 30" storm drain pipeline resulting from litigation to determine the cause of foundation settlement of a single family residence. This project included hydraulic design and the preparations of construction plans and specs.

Culvert Design Residential Subdivision

Moraga, CA

Project engineer for the design of a 60" HDPE replacement culvert. Project included the geotechnical investigation and soil classification as well as the preparation of plans related to the pipeline replacement including the design of temporary sheetpile shoring to a depth of 26 feet and design of a reinforced concrete wingwall.

Storm Water Management Plan

Colma, CA

Project engineer for the preparation of Storm Water Management Plan for a landslide repair job in Colma. This project included the creation of temporary and permanent storm water management plans as well as a dust control plan.