

Golis Engineering Consultants Corporation supports public agencies, utilities, prime consultants, developers, and contractors with geotechnical investigation and design, foundation recommendations, construction materials testing, and inspection. Sacramento based, certified small and minority-owned, with direct principal involvement on every project and qualified laboratory partner support.

CORE CAPABILITIES

Geotechnical Investigation and Design

Site and subsurface investigations; drilling and sampling programs; geotechnical design reports; foundation recommendations for shallow and deep foundations (driven piles and CIDH); settlement and seismic hazard evaluation; corrosion evaluation.

Site Grading and Earthwork

Grading and earthwork recommendations; fill placement and compaction criteria; slope and excavation recommendations; construction-phase geotechnical observation and support.

Construction Materials Testing — Field

Soil compaction testing; concrete sampling and field testing (slump, air, temperature, cylinders); infiltration and percolation testing; construction observation; test records and interpretation of results.

Laboratory and Materials Evaluation

Soil, concrete, cement, aggregate, and pavement materials testing; QA/QC programs; test data evaluation and reporting. Laboratory testing is coordinated with qualified, accredited partners.

Pavement and Construction Support

Pavement materials evaluation; construction inspection; review of plans, specifications, submittals, and test results; documentation and resolution of technical issues.

Quality and Technical Review

Materials acceptance support, product evaluation, laboratory quality documentation, accreditation coordination, and specification compliance review.

PRINCIPAL

Abdikarim Ali, P.E.

President / Principal Engineer
California Civil Engineer No. C 86237

More than 25 years with Caltrans and UC Berkeley / UCPRC in geotechnical engineering, materials testing, pavement research, and construction inspection.

ENGINEERING LEADERSHIP

Caltrans Acting Branch Chief, Concrete Materials Testing Branch

Senior Resource Liaison (Acting), Office of Geotechnical Design North

WHAT SETS US APART

- Deep working knowledge of Caltrans test methods, Standard Specifications, and QA/QC programs
- Foundation experience on bridges, railroad structures, and buildings
- Principal-led work: the engineer you hire is the engineer on your project

CERTIFICATIONS

California DGS SB (Micro) and SB-PW
DGS Certification ID 2053922
CPUC Supplier Clearinghouse MBE
SMUD SEED Approved

BUSINESS IDENTIFIERS

UEI PVUPF8K76RP1 · CAGE 23NJ6
NAICS 541330 · 541380 · 541690

REPRESENTATIVE PROJECT EXPERIENCE

Performed by Abdikarim Ali, P.E. while with Caltrans, Office of Geotechnical Design North.

SR 46 BNSF Underpass Bridge and Retaining Walls

Caltrans · Wasco, Kern County · Br. No. 50-0546

Foundation reports for a 124-ft, two-span steel girder railroad bridge and about 1,400 ft of tangent and soldier pile retaining walls, part of the SR 46 widening and High-Speed Rail improvements. 6-ft and 8-ft CIDH piles checked against AREMA and calibrated to pile load tests.

Role: Project Engineer (P.E.)

Route 99/233 Separation Bridge

Caltrans · SR 99, Chowchilla, Madera County

Foundation report for a 230-ft bridge replacing an existing freeway connector. Two 150-ft mud rotary borings with SPT, corrosion testing, seismic and liquefaction evaluation, a spread footing at the bent, and Class 200 driven pile recommendations at the abutments.

Role: Project Engineer (P.E.)

Idlewild Maintenance Station Buildings

Caltrans · SR 199, Gasquet, Del Norte County

Foundation report for a new office building and generator pad. Rotary core borings with SPT, lab and corrosion testing, CBC seismic design data, spread and continuous footing design, slab-on-grade, settlement, and over-excavation and compaction recommendations.

Role: Project Engineer (P.E.)