Shah Ghanbari, P.E., President

Professional Registration

Registered Civil Engineer, California R.C.E. 34575

40-Hour Hazardous Materials Code of Federal Regulations 1910.120

Education

University of Oklahoma, Norman, B.S.C.E. 1981

University of Missouri Rolla, Extension course on geotechnical instrumentation of soil and rock for monitoring field performance, 1988

EXPERIENCE SUMMARY

Shah Ghanbari is a registered Civil Engineer with more than 25 years of professional experience in the fields of geotechnical engineering, instrumentation, construction, and environmental services. His past project types have included: airports, pipelines, highways, dams, industrial and commercial buildings, waterfront facilities, government facilities, environmental assessment and remediation projects. Responsibilities consist of; project planning and management, complete geotechnical investigations and analyses, development of recommendations, report preparation, consultation during construction, coordination of construction monitoring, and data analysis.

Shah has extensive experience in design, investigation, and coordination on airport projects. He is familiar with FAA design regulations and has coordinated number of major investigations at different local airports. Mr. Ghanbari has extensive experience in transportation projects and managing complex field program. He has completed number of projects for Caltrans District 8, 12, 7, Sacramento, RCTC, OCTA, and SANBAG.

BRIEF SUMMARY OF EXPERIENCE

Agency On-Call

- **On-Call Contract, US Army Corps of Engineers, Los Angeles District, CA**: Over 40 task orders including removal of underground storage tanks, and groundwater or soil contamination investigations.

Instrumentation

- **North Outfall Sewer – East Central Interceptor Sewer (NOS-ECIS), City of Los Angeles** Principal and QA/QC for the geotechnical instrumentation of an 18.5 km long sewer. The NOS-ECIS Project includes the construction of the main sewer and related structures. Our scope included over 270 borings.

Airport

- **John Wayne Airport Expansion, Orange County:** Project engineer for this $300 million dollar project that included a new terminal, parking structures, runways and taxiways and roadways. Shah was involved in investigation, and design of taxiways, and runways. He is familiar with FAA guidelines and requirements

- **Ontario International Airport, Los Angeles Department of Airports -** Mr. Ghanbari was Project Engineer whose responsibilities included review of the geotechnical investigation for extension of apron area, taxiway, and service road for expansion of Federal Express facilities.

Transportation

- **Eastside Transit Light Rail Project, MTA, Los Angeles**: Project engineer/quality control manager for this project where GDC provided preliminary engineering phase of the Eastside LRT project. GDC's responsibilities included review of existing reports and design criteria, performed borings for new station and substation sites, performed geotechnical and environmental testing on samples, performed analyses to develop geotechnical and environmental recommendations for the at-grade track, stations, substations, yard buildings, MSE walls, and bridges. GDC performed seismic assessment of four existing bridges and provided recommendations for a new bridge.

- **MTA Wilshire Bus Rapid Transit Project, MTA, Los Angeles:** Project Engineer/QA/QC for the geotechnical and geologic investigations for the development of dedicated bus lanes along a 13.2-mile stretch of Wilshire Boulevard between Los Angeles and downtown Santa Monica. This project for the Metropolitan Transportation Authority involved the use of new 60-to 80-foot long articulated buses. The project includes rehabilitation/reconstruction of existing pavement, construction of bus stations, and the development of a bus maintenance facility. The new facilities include a maintenance building and bays, refueling station and buried tanks, three-level parking structure, office building, parking lots and an access bridge spanning a depressed rail corridor.

Buildings/Structures

- **A-Town Metro, Platinum Triangle, Anaheim:** Shah was responsible for the QA/QC for all phases of this project from preliminary investigation, design, and construction. GDC reviewed existing data, conducted a field and laboratory investigation, assessed the site and subsurface conditions, and provided our recommendations on potential seismic hazards and seismic design parameters, foundations, earthwork and grading, temporary excavation and shoring, retaining walls, and utility trenches.

- **Hyatt Regency Grand Resort, Huntington Beach**: Shah was principal engineer for this project which consists of a 504-room hotel complex and associated facilities, including 2-levels of subterranean parking, a four-story hotel building, ballrooms and conference rooms, courtyards, retail facilities, tennis courts, landscaping and irrigation, walkways, pedestrian bridges, retaining walls, and other hardscape features. Improvements will also include construction of two 4-lane roadways: a southeasterly extension of existing Pacific View Drive to its intersection with Beach Boulevard, and Twin Dolphin Drive which connects PCH to Pacific View Drive along the site's northwestern boundary.