

JULIAN NG, P.E., P.T.O.E.

President, Julian Ng, Inc.

- Years of Experience:** 35
- Education:** Bachelor of Science in Civil Engineering
University of Hawaii, 1972
- Professional Affiliations:** American Society of Civil Engineers
Institute of Transportation Engineers
- Professional Registration:** Licensed Engineer (Civil Branch), Hawaii #E-3903 (1975)
Professional Traffic Operations Engineer #414 (1999) *

Key Qualifications: Mr. Ng's experience as an engineer and planner is primarily in the field of land transportation. This experience includes engineering management, planning, and design, in positions as the principal of a small engineering firm, as manager of planning and engineering for a land developer, as project manager and staff engineer with large international consulting engineering firms, and as a civil engineer with government transportation agencies. Relevant project experience includes:

- **Traffic Impact Studies:** the preparation of traffic impact assessment reports for proposed developments in the State of Hawaii, including projects located on the islands of Hawaii, Maui, Molokai, Oahu, and Kauai. Project scopes included collection of traffic data, evaluation of alternatives, and detailed analyses. The analyses included projections of future traffic volumes related to land use planning criteria or based on historic trends, roadway and intersection capacity analyses, and the identification and evaluation of traffic mitigation measures. Studies have also been done to evaluate and recommend traffic patterns during construction on existing roadways. Projects ranged from office buildings and strip malls to large employment centers and large communities.
- **Traffic Management Plans:** the preparation of management plans for various institutions to mitigate traffic impacts and maximize use of limited parking facilities. Projects include schools, hospitals, and hotels.
- **Planning and design of major roadway projects:** involvement in other projects that have changed traffic patterns in various parts of Honolulu. Examples: Hotel Street Bus Mall (directed bus stop studies, evaluated data, and developed bus routing plans to serve increased bus volumes through downtown Honolulu, calculated horizontal geometry for expanded sidewalks/bus mall on the Hotel Street corridor, and prepared traffic signing and striping plans); Moanalua Road, Pali Momi Street to Aiea Interchange (prepared preliminary engineering report for widening improvement); Interstate Route H-1, Airport and Keehi Interchanges (prepared civil designs for grading, drainage, signing and striping, and geometry of connecting roadways); Nimitz Highway, Keehi Interchange to Pier 19 (evaluated alternatives for improving traffic operations); Honolulu International Airport Groundside Study (directed field studies, coordinated employer and passenger surveys, evaluated traffic operations in parking lots and public roadways, and provided recommendations for improvements to support growth and other changes to improve traffic operations).

* PTOE is the Professional Traffic Operations Engineer certification from Transportation Professional Certification Board, Inc. for more information, see <http://www.tpcb.org/ptoe/default.asp>