

**MICHAEL Y. PACKARD, P.E., PTOE**  
**SENIOR TRAFFIC ENGINEER****EDUCATION**

B.S. Civil Engineering, Virginia Tech, Blacksburg, Virginia

**REGISTRATION**

Civil Engineering, Hawaii #13441-C  
Professional Traffic Operations Engineer, No. 2395

**PROFESSIONAL EXPERIENCE**

Mr. Packard is a Senior Traffic Engineer in SSFM's Strategic Services Group. He has over 15 years of progressive traffic engineering and transportation planning experience including traffic operations analysis and transportation network planning of "Complete Streets," bicycle and pedestrian facility design. Mr. Packard has worked on a variety of planning projects including studies for transportation corridors, sub-area circulation analysis, route location, traffic safety, and traffic impact analysis for residential, commercial and mixed-use centers. He has also worked on a variety of design projects including traffic signals, fiber optic and wireless transportation management systems.

**PROJECT EXPERIENCE**

Makila Rural Development Traffic Impact Analysis Report, Maui, Hawaii. Traffic Engineer. Providing a traffic impact analysis in support of the project Environmental Impact Statement for the proposed 225-unit residential development including park and limited commercial in west Maui. The analysis considers the impact of the development which falls within the Rural Growth Boundary of the Maui Island Plan.

Paia Courtyard Traffic Study, Paia, Maui, Hawaii. Project Manager/Traffic Engineer. Provided an update to a prior traffic report submitted for the proposed development of a mixed-use center that includes commercial businesses and senior housing. This update was prepared in response to comments received on the project's draft Environmental Assessment.

Puukoolii Village Mauka Subdivision, Kaanapali, Maui, Hawaii. Traffic Engineer. The project consists of 292 single-family units, 648 multi-family units, parks, various public facilities and some commercial uses on approximately 260 acres, which included on-site design services and infrastructure improvements. Mr. Packard was responsible for traffic signal design as well as an internal circulation and external impact traffic impact analysis report for a proposed multi-use development on a 240.7 acre lot.

Weinberg Lahaina Residential Development, Maui, Hawaii. Traffic Engineer. Provided a traffic impact analysis report in support of an SMA for a proposed residential development, Kahoma Village, situated on a 21.6 acre lot in Lahaina, Maui. Project collected traffic counts, projected future growth and determined the development's trip generation for the project site, evaluating the impact from existing and proposed accesses on the surrounding roadway network. Included in the analysis was consideration of potential roadway and intersection mitigation.

Haleakala Highway and Makawao Avenue Improvements Traffic Engineering Study, Maui, Hawaii. Traffic Engineer. The project consists of traffic counts, preliminary assessment of intersection, preliminary topographic survey and schematic layout of proposed improvements and preparation of construction/bid documents. SSFM completed traffic assessment of the intersection in response to noted congestion of this major intersection that connects the neighborhoods of Makawao and Pukalani. Analysis included that assessment of multi-modal access for safe pedestrian and bicycle mobility.

Lahaina Bypass Realignment, Maui, Hawaii. Traffic Engineer. Providing support for the proposed relocation of the southern terminus of the Lahaina Bypass, shifting the terminus approximately 4,800 feet. Provided reanalysis and review of a traffic impact analysis report in response to agency and public concern. Considered alternate intersection design options that mitigate vehicular delay while maintaining mauka-makai connectivity and a safe alternative for pedestrians and bicycles.

Piilani Suites Hotel Traffic Report, Maui, Hawaii. Project Manager/Traffic Engineer. Completed a traffic impact analysis report prepared in support of a Special Management Area and Planned Development permits for the proposed development of a 178,000 square-foot hotel that includes 200 all-suite units and 142 parking stalls located in Wailea, Maui.