DATE:

27 June 2024

TRANSMITTAL TO:

Mr. Victor Kandle, Mass Transit Administrator & General Manager
Mass Transit Agency
County of Hawai‘i
25 Aupuni Street
Hilo, Hawai‘i 96720

VIA EMAIL TO:

heleonbus@hawaiicounty.gov

SUBJECT:

TA.3) Community Planning
(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)
Fiscal Year 2024-2025

TRANSMITTAL:

Statement of Qualifications (pdf copy)

MESSAGE:

In response to the 1 June 2024 “Notice to Providers of Professional Services” announcement posted on the State of Hawaii Procurement website, SSFM International, Inc. (SSFM) is very pleased to present this letter of interest and our *Statement of Qualifications* for Community Planning (PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING) services.

Your consideration of SSFM with our carefully selected Project Team for your Fiscal Year 2024-2025 projects will be greatly appreciated.

SSFM INTERNATIONAL, INC.
Michael P. Matsumoto, P.E., S.E., FACEC
President / CEO

SSFM INTERNATIONAL, INC.
Austen Drake, P.E., LEED GA
Manager, Hilo Office

SSFM International

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STATEMENT OF QUALIFICATIONS

Mass Transit Agency
Fiscal Year 2024-2025

TA.3) Community Planning
(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

27 June 2024

SUBMITTED TO:

Mr. Victor Kandle, Mass Transit Administrator & General Manager
Mass Transit Agency, County of Hawai'i
25 Aupuni Street
Hilo, Hawai'i 96720

VIA EMAIL
heleonbus@hawaiicounty.gov

SUBMITTED BY:

SSFM International, Inc.
99 Aupuni Street, Suite 220
Hilo, Hawaii 96720
(808) 933-2727

www.ssfm.com

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#1:
Expression of Interest Letter

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

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EXPRESSION OF INTEREST

27 June 2024

Mr. Victor Kandle, Mass Transit Administrator & General Manager
Mass Transit Agency
County of Hawai‘i
25 Aupuni Street
Hilo, Hawai‘i 96720

Subject: **TA.3) Community Planning**
(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)
Fiscal Year 2024-2025

In response to the 1 June 2024 “Notice to Providers of Professional Services” announcement posted on the State of Hawaii Procurement website, SSFM International, Inc. (SSFM) is very pleased to present this letter of interest and our *Statement of Qualifications* for Community Planning (PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING) services.

SSFM has a demonstrated track record of successful projects with the County of Hawaii and we view our relationship as a long term partnership. We wish to continue to be a part of the programs and projects of your Department. Our proven project management program and systems, including our quality management programs, will be available for all Community Planning assignments with your Department.

Your consideration of SSFM International, Inc. for your Fiscal Year 2024-2025 projects will be greatly appreciated.

With warmest regards,

SSFM INTERNATIONAL, INC.
Michael P. Matsumoto, P.E., S.E., FACEC
President / CEO

SSFM INTERNATIONAL, INC.
Austen Drake, P.E., LEED GA
Manager, Hilo Office

SSFM International

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#2:
Name of Firm, Principal Place of Business, & Location of All Offices

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

Name of Firm

SSFM International, Inc.

Main Office

Iwilei Business Center
501 Sumner Street, Suite 620
Honolulu, Hawaii 96817
Phone: (808) 531-1308
Fax: (808) 521-7348
Email: mmatsumoto@ssfm.com

Offices

Maui Office
82 Pulehu Place, Suite 201
Kahului, Maui, Hawaii 96732
Phone: (808) 244-7630
Fax: (855) 329-7736
Email: ematsuda@ssfm.com

Manila Office
Robinsons Cybergate 3, 8th Floor
Pioneer Street, Mandaluyong City
Metro Manila 1554, Philippines
Phone: +63 (2) 439-2988
Email: jmorales@ssfm.com

Kauai Office
3-3215 Kuhio Highway, Unit 106
Lihue, Kauai, Hawaii 96766
Phone: (808) 245-3075
Fax: (855) 329-7736
Email: ggokan@ssfm.com

Okinawa Office
Sunflower Bldg. #201
2-19-9 Chatan, Chatan-cho,
Nakagami-gun
Okinawa 904-0116, Japan
Phone: +81 (98) 923-4471 O
Email: mmatsumoto@ssfm.com

Hilo Office
99 Aupuni Street, Suite 220
Hilo, Hawaii 96720
Phone: (808) 933-2727
Fax: (855) 329-7736
Email: adrake@ssfm.com

Guam Office
Ixora Industrial Park
215 Rojas Street, Suite 213
Harmon, Guam 96913
Phone: (671) 646-7736
Fax: (671) 300-7738
Email: jduenas@ssfm.com

SSFM's Core Services

- ✓ ***Program Management***
- ✓ ***Project Managggement***
- ✓ ***Community Planning***
- ✓ ***Master Planning***
- ✓ ***Special Area Studies for Complete Streets***
- ✓ ***Environmental Assessments & Impact Statements***
- ✓ ***Construction Management***
- ✓ ***Civil Engineering***
- ✓ ***Traffic Engineering***
- ✓ ***Structural Engineering***
- ✓ ***Special Inspections***
- ✓ ***GIS Programming***

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#3:
Age of Firm & Average Number of Employees Over the Past 5 Years

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

AGE OF FIRM

We have been in business in the State of Hawaii for over 65 years.

SSFM International, Inc. is a 100% employee-owned company founded in 1959 currently providing professional project management, planning, civil engineering, structural engineering, and construction management services in the State of Hawaii and the Pacific Region.

AVERAGE NUMBER OF EMPLOYEES FOR THE LAST 5 YEARS

YEAR	NUMBER OF EMPLOYEES		
2023	205		
2022	197		
2021	204		
2020	206		
2019	190		
Total	1,002		
Average	1,002/5	=	200 employees per year

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#4:
Education, Training, & Qualifications of Key Members of the Firm

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

Michael P. Matsumoto, P.E., FACEC

President/CEO

Mr. Matsumoto is currently a principal and President/CEO of the firm. He is responsible for firm-wide management and oversees the firm's technology strategy and operations. He is a trained organizational and technical peer reviewer and has conducted numerous peer reviews of engineering firms for the American Council of Engineering Companies, the Council of American Structural Engineers, and the Structural Engineers Risk Management Council.

SSFM International

EDUCATION

B.S., Civil Engineering, University of Hawaii, 1967

M.S., Civil Engineering (Structures Specialty), University of Illinois, 1968

REGISTRATION

Hawaii, Structural Engineering #2974-S

CNMI, Structural Engineering #209

Guam, Civil Engineering #843

CNMI, Civil Engineering #196

REPRESENTATIVE PROJECT EXPERIENCE

Interstate H-1 Keehi Interchange Viaduct Structure and the Mauka and Makai Frontage Roads from Puuloa Road to Moanalua Stream, Honolulu, Hawaii

Interstate H-1 Pearl Harbor Interchange, Structures 1 thru 6, Honolulu, Hawaii

The Queen Emma Tower for the Queen's Medical Center, Honolulu, Hawaii

The Kaiser Honolulu Clinic for the Kaiser Permanente Health Systems, Honolulu, Hawaii

The Hafadai Beach Hotel 18-Story Tower, Saipan, Commonwealth of the Northern Mariana Islands

The Four Seasons Resort, Wailea, Maui, Hawaii

The Trellis Towers Condominium, Singapore

Honolulu Resource Recovery Facility (HPower) at Campbell Industrial Park, Oahu, Hawaii

Kakaako Elderly Housing Project (28 story parking, office, and apartment building), Oahu, Hawaii

Interstate H-2 Waiawa Interchange (Structures #13 through #16), Oahu, Hawaii

Engine Generator Repairs for Subic Bay Power Plant, Republic of the Philippines

Ten Story Hotel Addition & Renovation to the Saipan Grand Hotel, Saipan, CNMI

First Hawaiian Bank and Office Building, Guam

PROFESSIONAL AFFILIATIONS

Lambda Alpha International
Design Professionals Risk Control Group
American Council of Engineering Companies
Chi Epsilon (National Civil Engineering Honor Society)
Council of American Structural Engineers
Design-Build Institute of America
Prestressed Concrete Institute
Society of American Military Engineers
Structural Engineers Association of Hawaii
Structural Engineering Institute, Board of Directors (1997-2004)

SSFM International

EDUCATION
B.S., Civil Engineering, University of Hawaii (1965)

REGISTRATION
Hawaii, Civil Engineering #2652-C

Hugh Y. Ono, P.E.
Vice President | Associate

Mr. Ono is the Vice President in charge of SSFM's Hawaii Island Office. In this role, he serves as the principal point-of-contact for SSFM's Hawaii Island clients, and provides project management services on specific projects. He maintains a close relationship with all government agencies on the Island of Hawaii and serves as a member of SSFM's government affairs group.

PRIOR WORK EXPERIENCE

Department of Transportation, Highways Division, *State of Hawaii* (January 1996 through December 1998), Division Administrator. Directed the administration and operations of the Highways Division including Engineering, Construction, Maintenance, Administration, Property Management, Traffic Operations, and Motor Carrier Safety. Resources included: 1000 employees, $160 million operating budget, and $400 million Capital Improvement Budget. Key accomplishments included the following:

- Initiated Hawaii's first moveable barrier Zipper lane project on the island of Oahu.
- Initiated Hawaii's Highway Intelligent Transportation System project.
- Directed the statewide training and design workshop for staff engineers from State, County and private sector to include an instruction manual.
- Completed and dedicated the H-3 new Interstate Highway within the funding allocated and on time.
- Completed the Kalanianaole Highway Improvements, a project with much delay and political problems.

Department of Transportation, Highways Division, Hawaii District, *State of Hawaii* (1990 to 1995), District Engineer. Directed the operations of 130 personnel and a $9-million budget on the Island of Hawaii to include: Engineering, Traffic Operations, Maintenance, Capital Improvements, Motor Vehicle Carrier Safety and Administration.

Department of Public Works, *County of Hawaii* (1984 to 1990), Chief Engineer (Director). Directed and administered the activities of seven (7) divisions, including Engineering, Buildings, Wastewater, Solidwaste, Traffic, Automotive, and Highway Maintenance. This Department included a total of 400 employees with a $30-million budget. Introduced and initiated Maintenance Managements Systems in Wastewater, Solidwaste and Highway Maintenance operations.

Austen Drake, P.E.

Manager, Hilo Office

Mr. Drake is the Manager and Lead Civil Engineer in SSFM's Hilo Office. He is a Project Engineer responsible for planning and design for a wide variety of civil engineering projects on the Island of Hawaii and other geographic areas where SSFM currently provides planning and engineering services.

SSFM International

EDUCATION

B.S., Civil Engineering, University of Texas at Arlington, 2003

REGISTRATION

Hawaii, Civil Engineering #C-13059, 2008

Texas, Professional Engineer #100187, 2007

REPRESENTATIVE PROJECT EXPERIENCE

Project Engineer for the West Hawaii Civic Center project. This was a design-build project for a new Civic Center consisting of eight (8) office buildings and one (1) parking garage on the 7 acre parcel located at the corner of Kealakehe Parkway and Ane Keohokalole Parkway in Kailua-Kona Hawaii. Estimated construction cost $52 million.

Māmalahoa Highway Bypass Road and Nāpōʻopoʻo Road Māmalahoa Highway Intersection Improvements. Project Manager. SSFM provided Civil Engineering services to revise, update, and repackage the previously approved Plans, Specifications and estimates (PS&E) for the portion of the Māmalahoa Highway Bypass from Halekii to Nāpōʻopoʻo, as well as the Nāpōʻopoʻo Intersection PS&E. The Māmalahoa Highway Bypass work included updating the topographic survey for construction previously performed, updating earthwork quantities, revising drainage details, adding an alternative pavement section for concrete, and adding additional improvements to accommodate property owners. The Nāpōʻopoʻo Intersection work included that above in addition to revising the intersection geometry to increase left turn storage. Estimated construction cost $25.5 million.

Kapiʻolani Street Extension, Lanikaula Street to Mohouli Street. Hilo, Hawaii. Project Manager. SSFM provided Environmental Documentation, Preliminary Planning and Design, and Final Design services. The Project consists of extending the existing Kapiʻolani Street from Mohouli Street to Lanikaula Street. Project deliverables include an Environmental Assessment, Preliminary Engineering Reports and Plans, and Construction Drawings. Estimated construction cost $13 million.

Keahuolu Phase 0 Roadway and Promenade Design. Kailua-Kona, Hawaii. Project Manager and Lead Civil Engineer. SSFM provided Environmental Documentation and Design services. Phase 0 of the project provides a new roadway, three new entrances to Kailua District Park, and a pedestrian and bike promenade. The improvements support the Kailua District Park and the Queen Liliʻuokalani Trust Master Plans and include new pavements, raised sidewalks, shared use path, drainage improvements, intersection improvements, street lighting, landscaping, and new utility lines. Estimated construction cost $5 million.

Kohala Ranch Community Association Pavement Assessment. Kohala, Hawaii. Project Manager/Project Engineer. SSFM performed a pavement inventory and provided pavement preservation plan recommendations. The Project consists of inventorying approximately 22 miles of roadway, identifying candidates for pavement preservation, evaluating treatment options and providing opinion of probable costs for various options. Estimated construction cost $500,000

SSFM International

AREAS OF SPECIAL COMPETENCE

Project Management

Community Relations and Outreach

Communications

Jo-Anna Herkes

Senior Project Manager

Ms. Herkes is A Business Development Leader for Hawaii Island. She also serves as a Senior Project Manager on a wide cross section of projects for private corporations and public agencies. Ms. Herkes has over 35 years of professional experience in corporate management and fund raising, development of community relations and outreach programs, project liaison to community organizations, community leaders, neighborhood boards, business organizations, individual organizations and stakeholders.

REPRESENTATIVE PROJECT EXPERIENCE

Project Manager for Primary Corridor Bus Rapid Transit (BRT) FEIS Preliminary Engineering Design, Honolulu, Hawaii. Project included the preliminary engineering for the In-Town route over 13 miles of road in Honolulu. The total construction cost for this project is at $356 million.

Community Outreach for Keaau-Pahoa Road Improvements project on the island of Hawaii. The State Department of Transportation (DOT), has proposed this project to address the heavy traffic congestion which currently occurs along the corridor between Keaau and Pahoa. Project included preparation of an Environmental Assessment report in compliance with NEPA and Title 11, Chapter 200, HRS for the widening and improvement of the existing highway. Length of the Highway study area approximately 10.5 miles.

Community Outreach for the Paia Bypass project on the island of Hawaii. The State Department of Transportation (DOT) in association with the Federal Highways Administration (FHWA), are proposing Highway Improvements and Alternate Road to serve the Paia community.

Project Trainer for the Emergency Response Plan, Department of Water, County of Kauai, Hawaii. This project involved the preparation of an Emergency Response Plan pursuant to the Public Health Security and Bioterrorism Preparedness and Response Act of 2002. The total project cost of $142,875.

Project Manager for the Sandwich Isles Communications Fiber Optic Ductline project. This project involves the design and construction of approximately 325 miles of fiber optic ductlines connecting Hawaiian Homelands throughout the State. Major responsibility for plan approval and permtting process with State, County and Federal regulatory agencies is a essential and crucial component with meeting construction schedule. The total construction cost of this project is estimated at $700 million.

Project Manager for the State of Hawai‘i, Department of Education’s Whole School Classroom Renovation for Hawai‘i schools, including Kea‘au Middle, Waiākea High, Hilo Union, Hilo Intermediate, Haaheo Elementary, Lāupahoehoe High & Elementary, Honoka‘a Elementary, and Kohala Middle. The projects typically involve interior and exterior painting; replacement of flooring, windows and doors; replacement of marker boards and tack boards; miscellaneous carpentry repairs; restoration of restrooms. $17.7M

SSFM International

Cheryl D. Soon, Ph.D., FAICP

Transportation Practice Leader | Senior Planner

Ms. Cheryl Soon is a senior planner with extensive national and Hawaii experience in both public and private sectors. Cheryl has a track record for quality, timeliness, being on-budget, and repeatedly exceeding expectations. Her work has won several awards and she is distinguished as a Fellow in the American Institute of Certified Planners, the highest honor available for a professional planner.

EDUCATION

B.A., Colby College, (1970)

Masters in City Planning, Harvard University (1975)

Ph.D. in Planning, University of Hawaii (2009)

REGISTRATION

Fellow, American Institute of Certified Planners

REPRESENTATIVE PROJECT EXPERIENCE

Kalanianaole Highway Improvements in Waimānalo, Phase 1, Olomana Golf Course to Vicinity of Poalima Street, Waimanalo, Honolulu, Hawaii. Planner. Roadway improvements along this 0.84 mile section includes: field investigations, coordination with various agencies, preparation of reports and various analysis, design and public informational meetings. Total estimated construction cost $9.4M.

Keaau-Pahoa Road Improvements, Keaau to Pahoa, Hawaii. Project Planner and Manager for the. The Planning component of this project was designated by HDOT to be conducted under the guidelines of a context sensitive solutions process, one of the first for the State. Project also includes preparation of an Environmental Assessment report in compliance with NEPA and Title 11, Chapter 200, HRS for the widening and improvement of the existing highway. Length of the highway study area approximately 10.5 miles.

Feasibility Study for a New Mauka Road from Lihue to Hanamaulu on the Island of Kauai. Project Manager. Tasks included preparing sub area circulation analysis, functional classification study and alignment options.

Interstate Route H-1 Corridor Study, Island of Oahu. Project Manager. Identify and assess feasibility of future options to increase capacity, improve safety and provide for demands. Includes an assessment of parallel and connecting facilities.

Development of an Outreach and Education Program Plan, State of Hawaii, Department of Defense. Project Manager. Support to State of Hawaii in its consultation with national FirstNet system for 800 Mhz communications spectrum devoted to public safety. Work involves formation of a governance system, technical systems coordination to assemble assets data, outreach and education.

Honolulu Complete Streets project. Principal in Charge. Includes preparation of a Design Standards Manual, implementation of designs for up to twenty sites, training and outreach.

Hawaii County Complete Streets Program and Downtown Hilo Mobility Study. Project Manager. Includes preparation of a multi-modal plan for downtown Hilo with parking, circulation, transit, pedestrian, and bicycle elements. Also includes preparation of a program and manual to implement the County Complete Streets Policy. Stakeholder identification and engagement is a critical element to both parts of this study.

SSFM International

Melissa May, AICP

Project Planner

Melissa May is SSFM's Deputy Manager for our Strategic Services Group and she is a senior planner with more than a decade of experience in community and environmental planning in Hawaii. She is passionate about place-making through community building and improvements to the built environment. Ms. May has worked on a wide variety of projects for both public and private sector clients, including long-range community planning, economic development, renewable energy, endangered species, electric utility projects, disaster planning, habitat creation, construction monitoring, municipal water supply, and water quality restoration projects. She is accustomed to assembling and overseeing teams to develop and execute effective marketing and engagement campaigns to achieve broad community support. Her training in anthropology and environmental science inform cultural and environmental sensitivity in her work. Ms. May's areas of interest include economic development, community planning, community engagement, natural disaster planning, and natural resource management.

EDUCATION

B.S., Environmental Studies, Southern Oregon University (2000)

Certificate in Cultural Resource Management, Southern Oregon University (2000)

Master of Arts in Anthropology, University of Hawaii (2003)

REGISTRATION

American Planning Association, American Institute of Certified Planners #029129

REPRESENTATIVE PROJECT EXPERIENCE

Kauai General Plan Update. Senior Planner. Currently working with the County of Kauai as Project Manager to develop the strategy and vision for the next update of the Kaua'i General Plan, a forward thinking policy document that guides the future of the island. This two-year effort involves extensive stakeholder involvement and community outreach island wide. The public engagement program utilizes innovative methods of digital engagement, as well as traditional outreach and engagement.

Downtown Hilo Multimodal Master Plan. Senior Planner. Ms. White contributed to the development and execution of the stakeholder engagement program and is currently acting as the lead writer on the Plan. The DHMMP is aimed at identifying implementing actions to make Downtown Hilo more walkable, bike-friendly, and vibrant. Ms. White coordinated a stakeholder advisory group, oversaw seven focus groups with key stakeholders, and planned and executed a community wide meeting with 200 participants.

Lihue Community Plan. Senior Planner. Worked closely with the County of Kauai to develop a 20-year plan and vision for the Lihue District of the Island of Kauai. Facilitated community participation and input through public events, presentations, and Community Working Group meetings. Developed and maintained a project website, collateral, and presentations. Served as lead writer on the Community Plan, procured and supervised graphic design services on the final product.

State of Hawaii Natural Disaster Economic Recovery Strategy. Project Manager. Led a team in preparing a strategy to improve small business continuity planning statewide. The plan was developed with extensive stakeholder involvement, including a series of small business focus groups, an Advisory Group comprised of disaster management agencies and experts, and a statewide survey of small businesses. The scope included pre-disaster planning through to post-disaster recovery for small businesses, and recommended measures to be taken by public and private sector entities to improve small business resilience.

SSFM International

Oliver Gaskell, AICP

Project Planner

Oliver has over 5 years of experience providing community, transportation and climate and resilience planning in Hawaii, on the U.S. mainland, and across the Pacific. He is a systems thinker who is passionate about reaching planning solutions informed by robust public engagement supported by data analysis. He has worked with a wide range of clients from small rural communities to large federal agencies. Through this experience he has developed skills in geographic information systems, technical writing, graphic design, and virtual and face-to-face meeting facilitation.

EDUCATION

Master of Community and Regional Planning, University Oregon

Master of Nonprofit Management, University Oregon

Bachelor of Spanish Studies and Geography, Lancaster University

REGISTRATION

American Planning Association, American Institute of Certified Planners #34116

REPRESENTATIVE PROJECT EXPERIENCE

Maui County Bicycle and Pedestrian Route Development and Wayfinding Project, Kahului, Maui, Hawaii. Planner. Creation of a wayfinding signage design manual for County of Maui that included customizable elements for each community. Pilot project explored implementation in Kahului.

HDOT Highways Resiliency Project, Maui and Hawai‘i Islands, Hawai‘i. Planner. SSFM provided planning services for the assessment of two routes, route 310 on Maui and route 319 on Hawai‘i.

Lower Honoapi‘ilani Highway Complete Streets, Lahaina, Maui, Hawaii. Planner. SSFM provided civil, structural and traffic engineering design services, and environmental permitting for the assessment of Lower Honoapiilani Highway complete streets related requirements and needs. SSFM conducted outreach with residents and stakeholders and provided final recommendation on design parameters for the project.

Pulelehua Park Site Study, Maui, Hawai‘i. Planner. Provided proposal support to develop a site selection study for the Proposed Pulelehua County Park in West Maui. Project included development of a site investigation to identify potential environmental and cultural conditions to be mitigated in advance of development of a master plan.

Lower Main Resurfacing, Wailuku, Maui, Hawai‘i. Planner. Provided environmental permitting support to the resurfacing and road diet project for Lower Main Street in Wailuku. Permitting included federal permits for Section 106, NEPA Categorical Exclusion, Section 7, and county permits for Special management area, HRS 343, HRS 6E and HRS 195d.

Ke‘eaumoku Complete Streets, Honolulu, Oahu, Hawaii. Planner. Helped with the redesign of Ke‘eaumoku Street between Wilder Ave and Kapi‘olani Blvd to include all modes of travel including protected bike lanes and improved pedestrian safety. Responsible for design input and community outreach. Outreach conducted throughout COVID-19 including Online Public Meetings (utilizing Miro software and Zoom), multiple online design charrettes, and COVID safe outreach to businesses and users of Ke‘eaumoku Street.

Adapt Waikīkī 2050, O‘ahu, Hawai‘i. Planner. SSFM provided planning services to support the outreach component of the Adapt Waikīkī 2050 plan. The objective of the project was a mid to near term review of design guidelines for the Waikīkī Special District that can identify immediate actions and future steps to mitigate the impact of sea level rise in Waikīkī.

SSFM International

Jennifer Scheffel

Senior Environmental Planner

Ms. Scheffel has 15 years of experience in environmental planning and project management. Experience includes public involvement, environmental documentation, and permitting for the energy sector (including renewable energy), transportation and transit, and Department of Defense projects (Air Force, Navy, and Marines) in Hawaii, Guam, the Commonwealth of Northern Mariana Islands, and the US mainland. Also experienced with environmental compliance during design, preconstruction, construction, and post-construction.

EDUCATION

B.S., Biology, Southwest Texas State University (1998)

Masters of Applied Geography, New Mexico State University (2001)

TRAINING & CONTINUING EDUCATION

NEPA and HRS 343 Environmental Reviews

US Army Corps of Engineers Wetland Delineation

Wetland Plant Identification

US Army Corps of Engineers Section 404 Nationwide Permitting

REPRESENTATIVE PROJECT EXPERIENCE

Kahekili Highway Improvements Environmental Assessment (EA). Senior Environmental Planner. Preparation of a Hawaii Revised Statutes (HRS) 343 and National Environmental Policy Act (NEPA) compliant EA for improvements along approximately 3.3 miles of Kahekili Highway from Haiku Road to the intersection with Kamehameha Highway on Oahu. The project purpose is to reduce congestion, increase roadway capacity, improve highway safety, and modernize the existing facility, which is heavily congested during its peak hours.

Paia Relief Route Project Environmental Impact Statement (EIS). Senior Environmental Planner. Preparation of a HRS 343 and NEPA-compliant EIS for a new road that would improve safety and provide traffic relief to the town of Paia, Maui by providing a bypass of the community for through traffic while enhancing conditions in Paia for visitors to the downtown area. The project includes an approximately 6.5-mile-long study area from the intersection of Hana Highway with Haleakala Highway, through the Town of Paia to west of Maliko Gulch.

Wailuku River Hydroelectric Plants Long-term Water Lease and Waiau Hydro Plant Repowering EA. Senior Environmental Planner. Preparation of a HRS 343-compliant EA to support Hawaii Electric Light Company's (HELCO) long-term water lease application to the Board of Land and Natural Resources (BLNR). In addition to the long-term water lease, HELCO proposes to repower the Waiau Hydro Plant in Hilo, Hawaii. Other tasks include managing sub-consultants conducting Socioeconomic Impact Assessment, Cultural Impact Assessment, and Stream Habitat Assessment.

Lower Paia Beach Park Parking Lot Design and Permitting. Senior Environmental Planner. Preparation of an Exemption Declaration under HRS 343 for paving and striping existing gravel parking lot, as well as adding lighting. Other tasks include preparation of a Special Management Area (SMA) Assessment application, Shoreline Setback Assessment application, and managing sub-consultant conducting Archaeological Inventory Survey.

Guam and CNMI Military Relocation (2012 Roadmap Adjustments) Supplemental EIS/OEIS. Deputy Project Manager. Preparation of a supplemental EIS under NEPA for the U.S. Marine relocation from Okinawa, Japan to Guam. Project included analysis of impacts associated with siting of a main cantonment/family housing area and a live-fire training range complex. Tasks included management of project scoping, Draft EIS, public hearings, Final EIS, Record of Decision, and Mitigation and Monitoring Plan.

SSFM International

EDUCATION

Masters Degree, Urban & Regional Planning, University of Hawai'i at Manoa, Honolulu, Hawai'i

Bachelor of Landscape Architecture, Beijing Forestry University, Beijing, China

Lulu Chun

Project Planner

Ms. Chun is currently a Planner in the Strategic Services Group. In this position, she currently performs mapping or graphic design using Adobe suites, ArcGIS, Sketchup or similar computer graphics to support work on transportation planning, urban design, and traffic engineering projects.

REPRESENTATIVE PROJECT EXPERIENCE

Kalaheo Avenue and Kailua Road Intersection Improvements. Planner. Provided maps and rendering for the proposed intersection improvements. Project includes the full design of interim improvements to mitigate vehicular congestion and multi-modal conflicts. Traffic study will include alternative analysis including roundabout construction including public and stakeholder outreach.

Complete Streets Implementation Study. Planner. Work included mapping and providing graphic package to illustrate existing conditions and convey planning concepts. SSFM is the prime consultant, working with a team of local and national experts, to assist the City in the implementation of the goals and requirements of the Complete Streets Ordinance. This project includes the completion of several inter-related tasks. Primary to this effort was the creation of the Honolulu Complete Streets Design Manual which was created with the intent of superseding dated guidelines.

Hawai'i County Complete Streets Program and Downtown Hilo Mobility Study. Planner. Work included mapping and providing graphic package to illustrate existing conditions and convey planning concepts. The Downtown Hilo Multi-modal Master Plan will establish a community-driven Master Plan for policies, programs, and projects which will improve overall mobility throughout the Downtown area and provide multi-modal connections to high activity locations.

Multi-Modal Bike Plan, Honolulu, Oahu, Hawai'i. Planner. SSFM assisted the City and County of Honolulu in defining bicycling facility projects that will integrate multi-modal access and connections to Honolulu rail stations and other transit facilities. Project included the creation of a Protected Bike Lane Network plan to be carried through by the City and developers.

Kalanianaole Highway Improvements, Waimanalo, Phase 1. Planner. Field investigations, preparation of pedestrian origin and destination study, preparation of graphic package to support traffic analysis resulting in traffic impact assessment report, transportation management plan and traffic signal timing for the intersection improvements at Kalanianaole Highway and Poalima Street in Waimanalo, Oahu. The design incorporates a new roadway section that will provide eased vehicle congestion while also including dedicated pedestrian and bicycle facilities, and an equestrian path. Estimated construction costs $12.0 million.

Nuuanu/Liliha Complete Streets Project, Honolulu, Hawaii. SSFM assisted the City and County of Honolulu to develop multimodal solutions for Nuuanu Avenue and Liliha Street in Honolulu. Work included mapping and providing graphic package to illustrate existing conditions and convey planning concepts. Additional tasks included preparation for and coordination of public outreach activities.

SSFM International

EDUCATION

Master of Urban and Regional Planning, University of Hawai'i at Mānoa

Bachelor of Arts Anthropology, University of Hawai'i at Mānoa

Environmental Studies Certificate, University of Hawai'i at Mānoa

Alice McLean

Project Planner

Alice has 13 years of experience managing complex projects, engaging with stakeholders, conducting research and data analysis, and communicating effectively on a variety of platforms. She has experience working in collaboration across sectors to identify and implement community-based ecosystem restoration strategies.

REPRESENTATIVE PROJECT EXPERIENCE

DPP North Shore Sustainable Communities Plan Update, O'ahu, Hawaii. Planner. SSFM was the prime consultant for the update of the City and County DPP's North Shore Sustainable Communities Plan. The plan established the vision, policies, and land use patterns for the North Shore Planning District through 2040 and beyond. It will be developed using an inclusive process that combines research and data collection with community input. The plan analyzed and addressed new and emerging policy issues including climate change and sea level rise, as well as economic and tourism implications from COVID-19.

Analysis of Managed Retreat Strategies in Hawaii: Policy and Funding Opportunities and Challenges, Statewide. Planner. SSFM led a study analyzing policy and funding opportunities and challenges for implementing managed retreat in Hawaii. The study sought to identify needed changes to policies as well as financing and funding strategies to support managed retreat as part of climate adaptation in Hawaii. The policy, legal, and financial strategies were applied to case studies at Sunset Beach on Oahu and in West Maui.

Ho'aloha Park Climate Adaptation Plan, Kahului, Maui. Planner. SSFM led project for the County of Maui Department of Parks and Recreation to develop a climate adaptation plan for a heavily used park in Kahului Harbor on Maui. The adaptation strategies were developed in close coordination with park users and other stakeholders, and will incorporate modeling of anticipated sea level rise, erosion, and other climate change-related impacts.

Pūpūkea Marine Life Conservation District Act 31 Carrying Capacity Study, North Shore, Oahu. Planner. SSFM supported Mālama Pūpūkea Waimea with a study to evaluate visitor carrying capacity at the Pūpūkea Marine Life Conservation District (MLCD) and recommend short and long-term measures to protect and restore MLCD marine life and habitats. The project includes implementation and monitoring of pilot measures to control access, foot traffic, and other stressors on the MLCD environment.

Adapt Waikīkī 2050, O'ahu, Hawai'i. Planner. SSFM provided planning services to support the outreach component of the Adapt Waikīkī 2050 plan. The objective of the project was a mid to near term review of design guidelines for the Waikīkī Special District that can identify immediate actions and future steps to mitigate the impact of sea level rise in Waikīkī.

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SSFM International

Jena Kamalani Earle

Project Planner

Mrs. Earle has 2 years of experience in planning, community involvement and outreach, leadership, and emphasizing the perpetuation of Hawaiian values. She has experience with technical writing, research and analysis, public outreach, as well as web design, and has received special recognition for her interest in environmental, land use, and infrastructure issues in Hawaii and the Pacific Islands.

EDUCATION

Master of Urban and Regional Planning, University of Hawaii at Mānoa

Bachelor of Arts, Communication (Minor, Hawaiian Studies), University of Hawaii at Hilo

REPRESENTATIVE PROJECT EXPERIENCE

DHHL ‘Ewa Beach Homestead Master Plan and Environmental Assessment, ‘Ewa Beach, O‘ahu. Planner. A master plan and environmental assessment were being prepared for a new residential Hawaiian homestead community on recently acquired DHHL lands in ‘Ewa Beach. The process included beneficiary and stakeholder engagement, technical studies, preparation of a preliminary engineering report, and a beneficiary survey to inform the Master Plan and EA alternatives.

DHHL Hanapēpē Homestead Development, Kaua‘i, Hawai‘i. Planner. A traffic assessment, planning, public engagement, technical site studies, and environmental compliance were prepared for the proposed phased master plan development of residential and commercial buildings on 365 acres of Hawaiian Home Lands in support of an Environmental Assessment. Project required coordination and consideration with existing land use and transportation plans for the County and State in addition to providing improved active transportation alternatives for walking and bicycling through the implementation of complete streets principles.

DHHL Waimānalo Regional Plan Update, Waimānalo, O‘ahu, Hawai‘i. Planner. SSFM led the update of the Department of Hawaiian Home Lands’ Regional Plan for Waimānalo. The project documented current conditions and changes since the last update.

Assessing the Feasibility of Managed Retreat from Vulnerable Coastal Areas in Hawaii, Various Locations, Statewide, Hawai‘i. Planner. The project involved preparation of a background report, execution of four case studies and focus groups statewide, planning and execution of a symposium on managed retreat, and a final report.

North Shore Sustainable Communities Plan Update, O‘ahu, Hawai‘i. Planner. SSFM was the prime consultant for the update of the City and County DPP’s North Shore Sustainable Communities Plan. The plan established the vision, policies, and land use patterns for the North Shore Planning District through 2040 and beyond. It will be developed using an inclusive process that combines research and data collection with community input.

East Kaua‘i Community and Circulation Plan, Kaua‘i, Hawai‘i. Planner. SSFM supported the County of Kaua‘i with preparation of the East Kaua‘i Community and Circulation Plan (EKCCP). The first long-range comprehensive plan for the region, the EKCCP developed policy recommendations for land use, transportation, housing, urban design, climate adaptation, infrastructure, and other topics affecting the region. A series of technical studies and comprehensive community engagement program were included in the scope.

Robyn Ito, P.E., PMP

Civil Engineer

Ms. Ito is currently a Project Engineer assigned to SSFM's Hilo Engineering Group. In this position, she currently performs planning and design for a wide variety of project management and civil engineering assignments.

SSFM International

EDUCATION
B.S., Aerospace Engineering, University of Southern California (May 2002)

REGISTRATION
Hawaii, Civil Engineering #13480-C

Certified Project Management Professional, 2007

REPRESENTATIVE PROJECT EXPERIENCE

Stadium TCLP Testing, Honolulu, Hawaii. Project Manager. Environmental services including collecting renovation-specific toxicity characteristic leaching procedure (TCLP) analysis of the projected waste stream for the metal roof decking at Aloha Stadium.

Puainako Street Widening, Hilo, Hawaii. Design Engineer. SSFM provided Planning and Environmental Documentation as well as Preliminary Engineering Services for the widening and extension of Puainako Street from Komohana Street to Kilauea Street. Services included Traffic Impact Analysis, Hydrology and Hydraulic Engineering, and Civil Engineering. Improvements include widening the existing two-lane Puainako Street to a four-lane divided roadway with landscaped median. The widened facility will include new bike lanes and raised sidewalks for pedestrian access. Estimated construction cost $60 million.

Keahuolu Phase 0 Roadway and Promenade Design, Kailua-Kona, Hawaii. Design Engineer. SSFM provided Environmental Documentation and Design services. Phase 0 of the project provides a new roadway, three new entrances to Kailua District Park, and a pedestrian and bike promenade. The improvements support the Kailua District Park and the Queen Lili'uokalani Trust Master Plans and include new pavements, raised sidewalks, shared use path, drainage improvements, intersection improvements, street lighting, landscaping, and new utility lines. Estimated construction cost $5 million.

Kamakaeha Avenue, Phase 1A, Kailua-Kona, Hawaii. Project Engineer. SSFM provided Subdivision processing and Design services. The Kamakaeha Avenue extension provides a new roadway to serve the main entrance of the new Kona Judiciary Complex. Improvements included new pavement, raised sidewalks, drainage improvements, intersection improvements, street lighting, landscaping, and utility lines. Estimated construction cost $3.7 million

Queen Kaahumanu Highway Widening Phase 2, from Kealakehe Parkway to Keahole Airport Road, Kailua-Kona, Hawaii. Civil Project Engineer. The project includes engineering and construction services to widen Queen Kaahumanu Highway from the existing two (2) lanes to a four (4) lane divided highway. Estimated construction cost $76 million.

Mamalahoa Highway Drainage Improvements, Ka'u, Hawaii. Project Engineer. SSFM provided Environmental Documentation, Preliminary Planning and Design, and Final Design services. The Project consists of raising a section of the existing highway and installing large concrete box culverts to mitigate flooding problems that have caused previous road closures. Project deliverables include an Environmental Assessment, Preliminary Engineering Reports and Plans, and Construction Drawings. Estimated construction cost $6 million.

SSFM International

Renee Ishisaka, P.E., S.E., LEED AP

Structural & Civil Engineer

Ms. Ishisaka is an experienced structural & civil engineer with experience in a wide variety of both design and construction projects. Projects have involved reinforced, prestressed and post-tensioned concrete; structural steel; masonry; and timber construction. She has extensive experience with the following types of projects: Hospitals, Department of Defense projects, airport facilities, commercial/office buildings, residential buildings, educational facilities, and hotels.

EDUCATION

B.S., Civil Engineering, University of Hawaii at Manoa, Hawaii, 2005

M.S., Civil Engineering (Structures), University of Hawaii at Manoa, Hawaii, 2007

REGISTRATION

Hawaii, Structural & Civil Engineering #14567-S&C

Guam, Civil Engineering, #2068

Guam, Structural Engineering, #2107

LEED Accredited Professional, USGBC, 2009

FHWA-NHI Safety Inspection of In-Service Bridges Certification, 2011

REPRESENTATIVE PROJECT EXPERIENCE

Kapi‘olani Street Extension, Lanikaula Street to Mohouli Street. Hilo, Hawaii. Design Engineer. SSFM provided Environmental Documentation, Preliminary Planning and Design, and Final Design services. The Project consists of extending the existing Kapi‘olani Street from Mohouli Street to Lanikaula Street. Project deliverables include an Environmental Assessment, Preliminary Engineering Reports and Plans, and Construction Drawings. Estimated construction cost $13 million.

Puainako Street Widening, Komohana Street to Kilauea Avenue, Federal Aid Project No. STP-2000(5). Hilo, Hawaii. Design Engineer. SSFM provided Planning and Environmental Documentation as well as Preliminary Engineering Services for the widening and partial realignment of Puainako Street from Komohana Street to just east of Kilauea Avenue. Services included Traffic Impact Analysis, Hydrology and Hydraulic Engineering, and Civil and Structural Engineering. Improvements include creating a new four-lane divided roadway on a new alignment and widening of a portion of the existing roadway from two to four lanes Estimated construction cost $60 million.

Mamalahoa Highway Drainage Improvements, 2006. Design Engineer. Ka’u, Hawaii. SSFM provided Environmental Documentation, Preliminary Planning and Design, and Final Design services. The Project consists of raising a section of the existing highway and installing large concrete box culverts to mitigate flooding problems that have caused previous road closures. Design services included hydrology and hydraulic analysis and civil and structural engineering. Improvements include road widening, cross culverts, drainage swales, embankment stabilization, retaining walls, and right of way delineation. Estimated construction cost $6 million.

HELCO Kahaluu Switching Station – Communications Building Foundation Work. Kailua-Kona, Hawaii. Client Contact. This project included structural foundation design for a pre-engineered precast Communications building, 6’-8” x 11’-0”. Services included design, construction administration, and special inspection. We also provided assistance with coordinating the necessary permit with the County of Hawaii. Estimated construction cost $400,000.

HELCO Kealia Switching Station – Communications Building Foundation Work. South Kona, Hawaii. Client Contact. This project included structural foundation design for a pre-engineered precast Communications building, 6’-8” x 11’-0”. Services included design, construction administration, and special inspection. We also provided $275,000.

SSFM International

Michael Y. Packard, P.E., PTOE

Traffic Engineer

Michael 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. Michael 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, and red-light photo enforcement.

EDUCATION

B.S., Civil Engineering, Virginia Tech, Blacksburg, Virginia, 2000

REGISTRATION

Hawaii, Civil Engineer #13441-C

Professional Traffic Operations Engineer™ (PTOE) #2385

REPRESENTATIVE PROJECT EXPERIENCE

Wailea Old Blue Clubhouse Renovation. Traffic Engineer. Provided a traffic impact analysis report in support of an SMA for the proposed relocation and development of a golf course clubhouse in phases in Wailea, 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.

Paia Relief Route EIS. Traffic Engineer. Providing a traffic impact analysis report in support of an EIS that evaluates alternatives to provide increased roadway capacity, safety and reliability for the Paia-Haiku area. Alternatives included various roadway alignments and intersection treatments including stop-sign controlled, signalized, roundabouts, and grade separated options. Included in the analysis was forecasting of local and regional traffic volumes for the various scenarios.

Haleakala Highway and Makawao Avenue Improvements Traffic Engineering Study. Traffic Engineer. 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. 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.

Puunene Road Widening. Traffic Engineer. Providing traffic assessment for the proposed Puunene Avenue Widening, from Kamehameha Avenue to Dairy Road in Kahului, Maui. The traffic analysis and report will assess existing and future conditions in the surrounding area, as well as assess proposed changes associated with this project, that is proposing roadway widening and the addition of pedestrian and bicycle facilities, in order to determine design criteria at intersections along the study corridor.

Darin Mar, P.E.

Traffic Engineer

Darin is a project manager and project engineer with extensive experience in traffic engineering, operation, design, & construction) and transportation planning. His experience includes traffic data collection and analysis, roadway geometrics, accident analysis, investigation, and evaluation of traffic safety and congestion concerns. He has designed and implemented traffic improvements compliant with City, State, and Federal (MUTCD) standards and policies.

SSFM International

EDUCATION
B.S., Civil Engineering (with minor in Computer Science), Carnegie-Mellon University, Pittsburgh, PA, 1987

REGISTRATION
Hawaii, Civil Engineering #8968-C

REPRESENTATIVE PROJECT EXPERIENCE

Lihue Town Core Mobility and Revitalization, Lihue, Kauai, Hawaii. Project Manager. This project was to improve the walkability and bike ability of Rice Street, Hoolako Street, Kalena Street, Hoala Street and Malama Street within Lihue. Funded by the Transportation Investment Generating Economy Recovery (TIGER) grant program. Estimated construction cost $14 million

City & County of Honolulu Traffic Management Center. Traffic Engineer. As the traffic engineer for the Honolulu Authority for Rapid Transit (HART), I was an operational user of the traffic cameras from the Traffic Management Center to manage operation of construction activities throughout the project corridor.

City & County of Honolulu Speed Hump Program, Island-wide. Traffic Engineer. Was responsible for developing City & County of Honolulu, Department of Transportation Services, Speed Hump Program Guidelines, implementing the department program island-wide. This program was expanded to meet the community's needs and evolved into Traffic Calming Program. Estimated construction cost $600,000.

City & County of Honolulu Traffic Calming Program, Island-wide. Traffic Engineer. Was responsible for managing the Department of Transportation Services program that allowed neighborhoods to examine their community and select traffic calming devices, which could be installed to address their concerns. The devices comprised of vertical and horizontal features to modify motorist's undesirable driving behavior through a specific neighborhood, such as speeding, and not yielding to pedestrians crossing the street. Estimated construction cost $10 million.

West Oahu Farrington Highway Guideway DB Contract, Leeward Oahu, Hawaii. Transit Project Coordinator. The project was the first six miles of elevated guideway for the Honolulu Rapid Transit Project, from Kualakai Parkway along Farrington Highway through Waipahu town over H1 to Pearl Highlands. Estimated construction cost $480 million

City & County of Honolulu Vision Team & Neighborhood Projects (Mayor's Community Initiatives): Mililani High School Driveway Reconstruction. Traffic Engineer. Provided a flatter driveway transition for Mililani High School at the Makaimoimo/Meheula Parkway intersection. This allowed for easier ingress and egress for the high school. Estimated construction cost $280,000.

SSFM International

EDUCATION
B.S., Civil Engineering, University of Hawaii at Manoa, May 2008

REGISTRATION
Hawaii, Civil Engineering #15387-C, 2013

David Miyasaki, P.E.
Traffic Engineer

David is a transportation engineer and is experienced in utilizing HCS, Synchro and Simtraffic to evaluate traffic operations for both uninterrupted and interrupted flow conditions. David has used Vissim to model multi-modal for various projects to look at simulations to improve queuing and weaving conflicts along freeway segments and at intersections. David is proficient in Microsoft Office, Microsoft Excel, and Microsoft Word.

REPRESENTATIVE PROJECT EXPERIENCE

Papa Avenue Roadway Improvements, Kapahulu, Island of Maui, Hawaii. Traffic Engineer. Project involved the planning, outreach, and design of a collector road to reflect complete street and urban design principles that facilitate safe and efficient pedestrian, bicycle, and vehicle travel. Recommendations to mitigate the sight distance concern at the Lihikai Elementary School included improving the roadway layout.

Hamakua Coast Transportation Corridor Study, Island of Hawaii. Traffic Engineer. SSFM is responsible for the study of a 50-mile segment of Highway 19 (Hawaii Belt Road), from Mud Lane in Waimea to Wailuku Bridge in Hilo. Project included traffic congestion and operational analysis associated with the corridor. Completed the analysis of land use and regional connectivity through sustainable transportation such as bicycling and walking. This included an analysis of internal transportation circulation and an analysis of passer-by vehicles. Estimated construction cost is not available.

Innergex Paeahu TIAR, Island of Maui, Hawaii. Traffic Engineer. The project involves intersection analysis along Piilani Highway. The access to the project location during construction is at a unique location just north of Wailea Ike Drive. Recommendations for design and signing and striping were provided.

Fire Administration Support Complex TIAR, Hilo, Island of Hawaii. Traffic Engineer. The project shares an existing driveway with the Hilo Adult Day Center. Recommendations for made to mitigate concerns with sight distance and vehicular speeding based on existing data and analysis.

East Kapolei Middle School Signal Warrant Study, Kapolei, Island of Oahu, Hawaii. Traffic Engineer. Performed 8-hour, 4-hour, peak hour, and school crossing warrant at Keahumoa Parkway intersections for existing and future conditions.

Princeville Glamping TIAR, Princeville, Island of Kauai. Traffic Engineer. The project has one main access from Kuhio Highway involving data collection after the Hanalai landslide and during Covid-19 restrictions. Traffic volume adjusting was need to model existing and future conditions.

Phase XI Traffic Signals, Honolulu, Island of Oahu, Hawaii, Transportation Engineer. Collected field data at various intersections. Designed and submitted signal design plans at McCully Street and Waiola Street, and Poni Street and Makaloa Street intersections to utility companies and City & County of Honolulu.

Phase XV Traffic Signals, Honolulu, Island of Oahu, Hawaii, Transportation Engineer. Project engineer who collected field data at various intersections. Designed and submitted signal design plans at South Street and Kawaiahao Street to utility companies and City & County of Honolulu.

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Innovate | Adapt | Sustain

County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#5:
List of Recent Projects

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

Planning Project Experience

The following is a list of representative projects where SSFM served as the Prime Consultant and demonstrates SSFM's ability to successfully manage both small and larger complex planning project assignments.

PLANNING PROJECT EXPERIENCE

FY21 MCON Project P-7001 Peltier Child Development Center Traffic, Parking, ATFP and Seismic Study, Joint Base Pearl Harbor-Hickam, Hawaii

SSFM provided project management, planning, civil and traffic engineering services to develop a planning study for the future renovation and expansion of the Peltier Child Development Center (CDC). The study included traffic, parking, Antiterrorism Force Protection (ATFP), environmental, electrical, structural, and seismic analysis for planned renovations to increase the number of children the CDC can accommodate, from 246 to 380.

Cost: $378,699

**Sand Island Wastewater Treatment Plant Outfall Shoreline Revetment Project and Environmental Assessment (EA)
Sand Island, Oahu, Hawaii**

SSFM provided project management (pre-design through construction), environmental planning (HRS 343 EA), and served as the Civil and Structural Designer-of-Record for a new revetment structure at the location of the existing Sand Island WWTP Outfall structure along the shoreline on the southwest point of Sand Island in Honolulu, Hawaii. The revetment is needed to protect the WWTP outfall, which is critical infrastructure for Honolulu, as this is the only wastewater outfall servicing the area.

Estimated Cost: $14 million

**Hoku Kea Observatory Decommissioning Project and Environmental Assessment (EA)
Mauna Kea, Hawaii Island, Hawaii**

SSFM provided overall project management of the complete Design-Bid-Build, including planning and permitting for the decommissioning of the Hoku Kea Observatory building structure, generator building, and associated telecommunications and electrical infrastructure on the summit of Mauna Kea. The proposed deconstruction required compliance with extensive guidelines driven by the Mauna Kea Comprehensive Management Plan and development of an HRS 343 EA, and a Conservation District Use Permit.

Estimated Construction Cost: $1.4 million

PLANNING PROJECT EXPERIENCE

First Responder Technology Campus Development and Programmatic Environmental Impact Statement (EIS)
Mililani, Oahu, Hawaii

SSFM provided comprehensive development management (project management, master planning, programming, civil and traffic design, land use planning and entitlements) for the $7.9M project to develop a First Responder Technology Campus (FRTC) on a 243-acre greenfield site owned by the State, Hawaii Technology Development Corporation (HTDC). The FRTC was envisioned to be a centrally located, state-of-the-art facility serving multiple Federal, State of Hawaii, and City and County of Honolulu (County) first responder agencies on Oahu. The wide range, size, and intensity of proposed uses for the property identified in the master plan required a HRS 343 Programmatic EIS to assess all potential project-related impacts and to identify any necessary mitigation measures.

Estimated Construction Cost: $315-470 million

Ewa Beach Master Plan and Environmental Assessment
Ewa Beach, Oahu, Hawaii

SSFM is preparing a master planning and environmental assessment for a new Hawaiian Homestead Community in Ewa Beach. The process of developing the Master Plan and EA includes beneficiary and stakeholder engagement, technical studies, a preliminary engineering report, and a beneficiary survey. As part of the project SSFM has conducted comprehensive outreach to beneficiaries on the DHHL Oahu waitlist as well as to the Ewa Beach community, elected officials, and Kapolei Hawaiian Homestead leaders.

Cost: $424,256 (fees)

East Honolulu Watershed Management Plan
Honolulu, Hawaii

SSFM prepared this management plan that identifies critical water issues and future demand scenarios for water use in East Honolulu. Recommended projects and strategies were developed with agency and community input to address issues and ensure a sustainable water supply for East Honolulu over the next 20 years. The project included four rounds of community engagement as well as consultation with community organizations and agencies working on watershed management and water quality in East Honolulu.

Estimated Cost: $447,890 (fees)

PLANNING PROJECT EXPERIENCE

Hanapepe Kauai Homestead Master Plan
Hanapepe, Hawaii

SSFM prepared a traffic assessment, planning, public engagement, technical site studies, and environmental compliance for the proposed phased master plan development of residential and commercial buildings on 365 acres of Department of Hawaiian Home Lands in support of an Environmental Assessment.

Estimated Cost: $271,167 (fees)

General Plan Update Contract
Statewide, Hawaii

SSFM assisted the State Department of Hawaiian Home Lands (DHHL) in updating its General Plan. The General Plan establishes policy for the direction of the Department and delivery of its mission to provide land to native Hawaiian beneficiaries. The General Plan process incorporated research, agency input, and beneficiary preferences to establish a vision and policy objectives for the next 20 years and beyond. It also established a uniform system of land use designations to be used by DHHL across its lands statewide, with associated criteria.

Estimated Cost: $384,964 (fees)

Special Treatment Coastal Edge District Mitigation Rules
Kauai, Hawaii

SSFM worked with the County of Kauai to develop development standards and review criteria for new development proposed within the County's new Special Treatment-Coastal Edge zone. The standards and criteria were adopted by the County Council in are being incorporated into a new sea level rise-based zoning district within the County's comprehensive zoning ordinance.

Estimated Cost: $25,000 (fees)

Anahola Regional Plan Update
Anahola, Kamalomaloo and Moloaa, Kauai

SSFM led the update of the Regional Plan for the DHHL homestead communities in Anahola, Kamalomaloo and Moloaa on Kauai. The project involved background research to update the previous Regional Plan; community engagement on issues, opportunities, community vision, and potential projects; and presentations to the Hawaiian Homes Commission.

Estimated Cost: $65,940 (fees)

PLANNING PROJECT EXPERIENCE

Biological Control Containment Facility
Various Locations, Hawaii

SSFM provided a comprehensive planning document for a proposed new Department of Agriculture, Biological Control Containment Facility on Oahu. SSFM also prepared a project development report (PDR) and rough order of magnitude construction cost estimate. The PDR included Land Area Requirements, Building Area Requirements, and Applicable Regulations. It also included a Site List with available State-owned properties and Environmental permits and studies.

Estimated Construction Cost: $90 million to $140 million

North Shore Sustainable Communities Plan
Honolulu, Hawaii

SSFM provided a five-year comprehensive review of the 2011 North Shore Sustainable Communities Plan that was inclusive and reflective of community sentiments and desires. SSFM adapted to an entirely virtual community engagement format. In a highly engaged community, this involved developing a large amount of online content that would bring transparency to the process and allow extensive participation.

Cost: $285,760 (fees)

West Kauai Energy (fka Puu Opae Water) Project
Environmental Assessment, Kokee-Kekaha, Kauai, Hawaii

SSFM was the Prime Consultant responsible for the preparation of an Environmental Assessment (EA) for this integrated renewable energy and irrigation project that would utilize state land and water for the following objectives: Renewable energy production via hydroelectric electric generation; and, renewable energy production via solar photovoltaic (PV) generation.

Cost: $212,895 (fees)

Farrington Highway Corridor Study
Waianae, Hawaii

SSFM was the Prime Consultant for the planning and investigations that identified recommendations for ways to reduce congestion, enhance capacity, and increase safety while improving resiliency along 14 miles of the Farrington Highway corridor from the end of H-1 in Kapolei to Makaha Beach Park. The study identified short and long term improvements needed to maintain the Farrington Highway corridor.

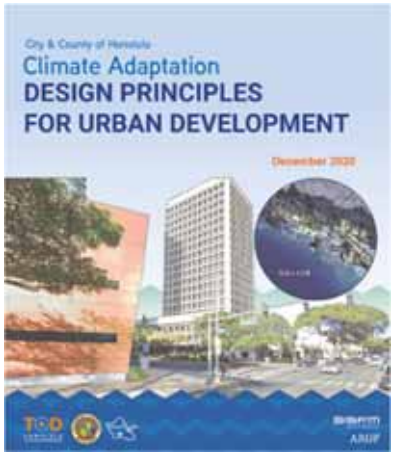
Cost: $4974,959 (fees)

PLANNING PROJECT EXPERIENCE

FY18 Tinian Construction Capacity Study (TCCS)
Tinian, Commonwealth of the Northern Mariana Islands (CNMI)

SSFM provided a comprehensive analysis of the infrastructure and resources requirements to support Department of Defense construction activities on the island of Tinian, CNMI. The project team developed a methodology to produce recommendations based on a systematic approach in analyzing resources and limitations to each technical discipline. The purpose of the TCCS was to assist DoD in making informed planning and programming decisions for future DoD construction on Tinian.

Cost: $1.23 million (fees)



Climate Change Adaptation Study
Island of Oahu, Hawaii

SSFM provided planning services for development of the County's TOD Climate Change Adaptation Guidelines including Data Collection and Outreach, and Infrastructure Planning.

The purpose of this project was two-fold: 1) to outline design principles that can be used to help develop policy and regulations for property in Honolulu's transit-oriented development (TOD) and other urban areas that may be vulnerable to sea level rise (SLR) and other climate change-related hazards; and 2) to provide developers and design professionals with preliminary guidance and information to consult when developing new project applications, or when considering adaptation options for existing projects.

Estimated Construction Cost: $34,000 (fees)

Waiawa Correctional Facility Plan Review Use and Special Use Permits, Waipahu, Hawaii

SSFM prepared an Environmental Assessment, researched and completed the necessary requirements of applications for the Special Use Permit (SUP) and Plan Review Use (PRU) required to bring this Facility into compliance with the Land Use Ordinance (LUO).

Cost: $334,534 (fees)

Biological Control Containment Facility
Various Locations, Hawaii

SSFM provided a comprehensive planning document for a proposed new Department of Agriculture, Biological Control Containment Facility on Oahu. SSFM also prepared a project development report (PDR) and rough order of magnitude construction cost estimate. The PDR included Land Area Requirements, Building Area Requirements, and Applicable Regulations. It also included a Site List with available State-owned properties and Environmental permits and studies.

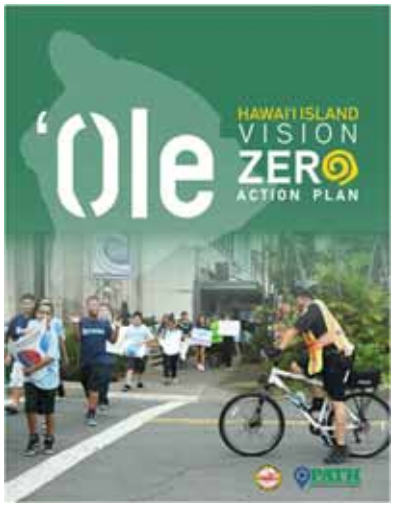
PLANNING PROJECT EXPERIENCE

Estimated Construction Cost: $90 million to $140 million

Kamuela Vacuum Cooling Plant, Master Plan Feasibility Study, Kamuela, Hawaii

SSFM provided planning and project management services for a master plan study of an existing property in Kamuela that the client owned and leased to a cooperative. SSFM provided recommendations to update the existing facility to meet the Food and Drug Administration's Food Safety Modernization Act (FSMA), as well as explored expansion of the property to offer other amenities, such as washing, packing, and processing of produce to encourage and promote farming.

Cost: $100,000 (fees)



Hawaii County Vision Zero Action Plan
Hawaii Island, Hawaii

SSFM assisted the County of Hawaii on the first Vision Zero Action Plan in the State that identifies how the County will achieve its goal of eliminating traffic related fatalities and serious injuries. Hawaii County's Vision Zero Action Plan is the first to be completed in the State of Hawaii. The collaborative nature of the Task Force process greatly supported the success of the initiative, as did SSFM's efforts to obtain and analyze available crash data. The importance of quality data became a theme of the process, and the County of Hawaii Police Department (HPD) invited PATH to present to the staff on Vision Zero and the importance of HPD data to understanding and preventing traffic deaths.

Waimanalo Health Center Expanded Healthcare Facility
Waimanalo, Hawaii

SSFM provided planning and civil engineering services for the construction of a new, two-story 17,961 square foot building. The building design reflected the team-based, patient centered heath care home concept of care practiced which utilizes physicians and nurse practitioners working with support staff, and integrating behaviorist, nutritionist, case managers, and patient services.

Estimated Construction Cost: $13 million

Samkoo Condo Re-Zoning Application, Kapiolani Boulevard and Kona Iki Street, Honolulu, Hawaii

SSFM provided civil engineering and traffic analysis services for the re-zoning application for the proposed Samkoo House Condominium project, a 43-floor condominium located at 1391 Kapiolani Boulevard in Honolulu.

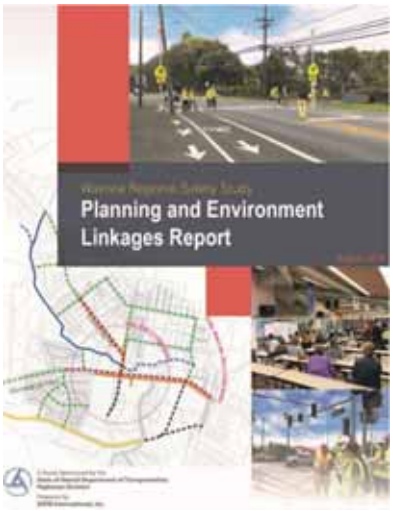
Cost: $99,000 (fees)

PLANNING PROJECT EXPERIENCE

Kauai Island Utility Cooperative Spill Prevention, Control, and Countermeasure Plan, Lihue, Kauai

SSFM updated the 2018 Cooperative Spill Prevention, Control, and Countermeasure Plan (SPCC) plan that was previously prepared by SSFM. This plan included recommended improvements, identified possible offsite releases and release impact mitigation and developed a logic diagram for recommended oil spill control improvements.

Estimated Cost: $59,500 (fees)



Waimea Regional Safety Project (fka Kawaihae Road Bypass), Vicinity of Mahua Street to Mamalaoa Highway Kawaihae, Hawaii

SSFM was the Prime Consultant for this study that identified potential projects that would improve safety and operations, relieve congestion, and enhance multimodal travel options in the Waimea region through a Planning and Environment Linkages (PEL) study. The PEL process resulted in the identification of several projects that met the project Purpose and Need, including a new bypass alignment around Waimea, and mulit-modal improvements along Kawaihae Road, Lindsey Road and Mamalahoa Highway.

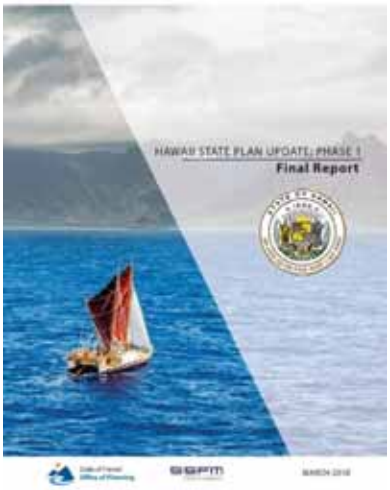
Estimated Construction Cost: $2.95 million (fees)

Assessing the Feasibility and Implications of Managed Retreat Strategies for Vulnerable Coastal Areas in Hawaii

SSFM prepared a study that was prompted by recent climate change legislation, plans and studies such as the Ocean Resources Management Plan (2013) and the Sea Level Rise Vulnerability and Adaptation Report (2017). The managed retreat study involved four main tasks: 1) Background research consisting of literature review and stakeholder consultation on managed retreat; 2) Four scenario profiles, involving preparation of hypothetical scenarios, site visits, and focus group discussions to explore retreat of different development types; 3) Symposium on managed retreat, with keynote speakers and participants from across the state; and 4) the Final Report which summarized the results of research and prior tasks.

Cost: $125,000 million

PLANNING PROJECT EXPERIENCE



Hawaii State Plan Update Phase I
Statewide, Hawaii

SSFM conducted a comprehensive review of Hawaii Revised Statutes (HRS), Chapter 26, The State Planning Act. This review involved inventorying and reviewing all state department plans, strategic plans, functional plans, and capital improvement plans; identifying common themes and policy directions. SSFM developed findings as to the overall status of plans and prepared findings and recommendations for the next step in updating the State Planning Act.

Cost: $$49,933 (fees)

Waimanalo Community Master Land Use Plan
Waimanalo, Oahu, Hawaii

SSFM developed an Exploratory Document that communicates values, places, and ideas that the community holds dear. It identifies the things that need to be preserved, created, or improved upon in order to keep Waimānalo, Waimānalo well into the future. The time horizon for the Strategic Community Plan is 20 years.

Cost: $245,541 (fees)

Coconut Island DC Microgrid
Kaneohe, Hawaii

SSFM assisted the University of Hawaii, Hawaii Natural Energy Institute (HNEI) with environmental compliance and permitting for HNEI's proposed improvements and their renewable energy demonstration project on Moku O Loe (aka Coconut Island). Improvements included development of a new renewable energy generation, storage, and distribution system.

Estimated Cost: $10,000 (fees)

Noise Attenuation Keaukaha Subdivision, Phase 2
Hilo, Hawaii
State Project No AH1071-16

SSFM assisted with the development of a communication plan for the Hilo Community and the Department of Hawaiian Home Lands and Department of Transportation. Services involved outreach services that included attendance at meetings with the Keaukaha community and additional meetings with the community's Noise Sub-Committee Representative throughout the project.

Estimated Cost: $35,200 (fees)

PLANNING PROJECT EXPERIENCE

Complete Streets Planning, Rehabilitation of Streets Phase 12D and Units 67 74 76 77, Honolulu, Hawaii

SSFM provided public outreach, environmental planning, and civil design services to support Fehr & Peers in developing a multimodal transportation assessment, context sensitive solutions process, and design work for roads included in the Rehabilitation of Streets program Phase 12D and Units 67, 74, 76, and 77.

Cost: $964,200 (fees)

Complete Streets Phase 2, Liliha Street, Nuuanu Avenue and University Avenue Study, Honolulu, Hawaii

SSFM provided traffic counts at eleven intersections, walk audits, traffic analysis, stakeholder meetings, public meetings, collection of survey data, environmental documentation, formulation of recommendations incorporating Complete Streets concepts, writing report and developing 30% design plans in AutoCAD Civil 3D (for Liliha Street and Nuuanu Avenue).

Cost: $450,000 (fees)

Albizia Mitigation Plan
Various Locations, Hilo, Hawaii

SSFM prepared the "Albizia Management and Business Plan". The report will serve as an Informational document to request funding to manage and control the Albizia Trees on the Island of Hawaii.

Estimated Construction Cost: Not Applicable (Study)

Complete Streets Planning, Rehabilitation of Streets Phase 12D and Units 67 74 76 77, Honolulu, Hawaii

SSFM provided public outreach, environmental planning, and civil design services to support Fehr & Peers in developing a multimodal transportation assessment, context sensitive solutions process, and design work for roads included in the Rehabilitation of Streets program Phase 12D and Units 67, 74, 76, and 77.

Cost: $964,200 (fees)

Multi Modal Bike Plan (aka Downtown/Chinatown Complete Streets Implementation Project)
Honolulu, Hawaii

SSFM provided transportation engineering services for this project to further implement complete streets projects in urban Honolulu, particularly in and around proposed rail and transit facilities. In three months, SSFM not only completed data collection at 12 intersections during the morning and afternoon peak periods and traffic analysis, but engaged hundreds of stakeholders to gather input on the project and generate awareness and support for complete streets in general.

PLANNING PROJECT EXPERIENCE

Cost: $200,000 (fees)

Lihue Community Plan Update
Lihue, Island of Kauai, Hawaii

SSFM prepared the Lihue Community Plan to articulate a vision and policies for a revitalized and vibrant Lihue Town Core, as well as Puhi, Hanamaulu, and other nodes in the Līhu'e Planning District. Development of the Lihue Community Plan included technical studies on existing conditions, cultural resources, demographics, transportation and connectivity, public services and infrastructure, housing, growth scenarios, and areas of change.

Cost: $770,000 (fees)

Island Wide Transit Master Plan
Island of Hawaii, Hawaii

SSFM prepared the County of Hawaii's next generation Transit Master Plan (TMP). Using a comprehensive approach to review current needs and to forecast future demand this study will help determine the type of transit system and service levels that will be required to meet Hawaii County's changing needs through 2036. The Plan integrated strategies for creating a transportation network designed and operated to enable safe access for all users in Hawaii County. The Plan also identified key corridors linking rural communities and establishes performance standards for transit service. In addition, the Plan included an evaluation of modes, bus services, station designs, capital infrastructure, and fare structures.

Estimated Cost: $500,000 (fees)

Central Oahu Transportation Study
Various Locations, Oahu, Hawaii

SSFM prepared a study to assess the multi-modal transportation needs of the Central Oahu region, identify key transportation system improvements, strategies, and policies that can improve regional transportation mobility and access in a sustainable way. The study developed multi-modal strategies and system improvements that are technically feasible, financially realistic, sustainable, and meet regional transportation needs.

Estimated Cost: $499,250 (fees)

Joint Development for Affordable Rental Housing and Juvenile Services Center/Shelter, Alder Street, Honolulu, Hawaii

SSFM provided project conceptualization, intra-agency facilitation, environmental documentation and community outreach for the development of the first mixed used project on State owned land within the City's TOD. The project is proposed to be a 266,000 SF/19-Story Mixed Use Development that addressed the community's need for affordable rental housing and a facility for juvenile services and a shelter for children at-risk. This urban high-density solution epitomizes the type of development promoted to support TOD initiatives and transforms underutilized State land

PLANNING PROJECT EXPERIENCE

assets into a vibrant development much needed by the community.

Estimated Construction Cost: $196.3 million (preliminary budget)

Puuloa Shoreline Erosion Study, Puuloa Range Facility
Marine Corps Base Hawaii
Kaneohe, Hawaii

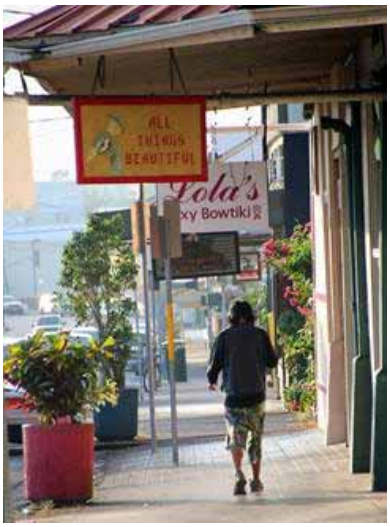
SSFM prepared this study to investigate coastal processes in the project area and the condition and characteristics of the shoreline, determine historical shoreline changes, analyze wave induced sand transport mechanisms, and develop possible erosion control alternatives.

Estimated Construction Cost: Not Applicable (study)

Multi Modal Bike Plan, East Kapolei, Kalihi, and Kakaako
Oahu, Hawaii

SSFM assisted the City and County of Honolulu in defining bicycling facility projects that will integrate multi-modal access and connections to Honolulu rail stations and other transit facilities. Facilities should be compatible with the network of bicycle facilities identified in the Oahu Bike Plan (August 2012). Projects will consist of bicycle paths, protected bike lanes, and other bicycle facilities which lead to transit stations or bus transit centers.

Estimated cost $100,000 (fees)



Downtown Hilo Multi-Modal Mobility Master Plan and County of Hawaii Complete Streets Program, Downtown Hilo, Hawaii Island, Various locations on Hawaii Island

SSFM provided professional planning services for the preparation of the Downtown Hilo Multi-Modal Master Plan and the County's Complete Streets Program. The Downtown Hilo Multi-modal Master Plan will establish a community-driven Master Plan for policies, programs, and projects which will improve overall mobility throughout the Downtown area and provide multi-modal connections to high activity locations. The County of Hawaii Complete Streets Program assignment is to create a program which will implement a balanced, multi-modal transportation network throughout the island.

Estimated cost $500,000 (fees)

General Plan Update, County of Kauai
Island of Kauai, Hawaii

SSFM was the Prime Consultant responsible for the update of the General Plan as required by the County Charter and to develop an appropriate strategy for the future development of Kaua'i County, including recommendations and policies for zoning, form-based coding, sustainable growth patterns, multi-modal transportation connectivity, recreational opportunities, economic development, conservation, green infrastructure, and other issues relevant to the

PLANNING PROJECT EXPERIENCE

future growth and development of the County. Estimated cost $824,500 (fees)

Hawaii Natural Disaster Economic Recovery Strategy Statewide, Hawaii

SSFM was the lead consultant for the preparation of a Natural Disaster Economic Recovery Strategy with a focus on small business. SSFM worked with a project Advisory Group made up of 35 public and private agencies engaged in disaster work.

The study considered multi-hazards for disasters that strike Hawai'i. The study covered both pre-disaster operations continuity planning and post-disaster recovery actions that are important for small businesses. This plan was conducted under a grant from the US Economic Development Administration (EDA).

A series of focus groups were being held across the state to find out what each business knows about continuity preparedness, response, and recovery to natural disasters. The focus groups were followed by a statewide electronic survey of small businesses to gauge how widespread were the gaps

The study deliverables included three reports: Existing Conditions, Gaps and Strengths; Goals & Objective and Alternate Strategies; and Final Plan and Recommendations.

Estimated cost $79,438 (fees)

County of Maui Transportation Department Maui Short Range Transit Plan Update, Maui County, Hawai'i

SSFM is providing planning services for the development of a five-year Service Improvement Transportation Program for the County of Maui. The work in this task is considered an update of current services. The Service Improvement Transportation Program will be developed such that services are defined on a year by year basis for ease in budget development, service deployment and contractor procurement

Estimated cost $162,240 (fees)

PLANNING PROJECT EXPERIENCE

Hilo MTA Baseyard
Hilo, Hawaii

SSFM prepared the Categorical Exclusion Report for Mass Transit Agency Facility, under 23 CFR Section 771.117(d). Consulted and assisted the County with National Environmental Protection Act (NEPA) compliance for the facility project. Drafted the Declaration of Exemption from preparation of an Environmental Assessment under Chapter 343 using the exemption list of the County of Hawaii Department of Public Works and provided it to the County of Hawaii for finalization and filing.

Cost $80,000 (fees)

Villages of Kapolei Northwest Corner, Real Estate Consulting Services
Kapolei, Hawaii

SSFM provided planning and engineering services to support a project developer solicitation and selection process for the Hawai'i Housing Finance and Development Corporation (HHFDC). The goal of HHFDC was to select a qualified developer to plan, design, develop, and operate a vibrant, mixed-use "urban village" on a vacant 26-acre parcel in the Villages of Kapolei (VOK) development.

Cost $71,000 (fee)

APEX Wind Energy Hawaii Environmental Text and Maps
Island of Oahu, Hawai'i

SSFM assisted Apex Wind Energy with the preparation of an Expression of Interest for a Lease Application for OCS from BOEM. Application to include three potential sites: two off East Honolulu and one approximately off of Honolulu Harbor.

Estimated Construction Cost: Not Applicable (Study)

Hawaii State Civil Defense Emergency Warning Sirens
Statewide Planning Phase 2
Various Locations in Hawaii

SSFM is the Prime Consultant responsible for securing site approvals for approximately 200 sites statewide, including government permits/approvals, landowner approvals for each site, and assisting in preparation of the disposition documents. This work includes the installation of new composite poles, installation of new digital sirens, and removal of existing pole/siren where required.

Estimated Construction Cost: $16 million

PLANNING PROJECT EXPERIENCE

Evaluation and Update of Hawaii 2006 Ocean Resources Management Plan, Statewide, Hawaii

SSFM provided professional planning services for the evaluation and update of The Hawai'i Ocean Resources Management Plan (ORMP). This is a statewide plan mandated by Chapter 205A of the Hawai'i Revised Statutes. The ORMP plan provides a framework for integrated coastal management that aligns the management agency jurisdictions of the federal, state, and county levels of the State of Hawai'i resource managers.

Estimated Cost: $265,000 (fees)

Interstate Route H1 Corridor Study
Island of Oahu, Various locations, Honolulu, Hawaii

SSFM was the Prime Consultant responsible for the comprehensive analysis study of this highway corridor. With the recent update of the Oahu Regional Transportation Plan (ORTP) the Hawaii Department of Transportation required a comprehensive analysis study of this corridor, specifically the Interstate Route H-1, for the purpose of identifying the future capacity needs on the interstate, along with an alternatives and feasibility analysis on short-, mid- and long-term congestion and capacity improvements.

Estimated Cost: $1.99 million (fees)

Department of Defense, Interoperable Mobile Broadband Data System Planning
DAGS Job No. 26-14-7498
Statewide, Hawaii

SSFM was the Prime Consultant responsible for developing a Strategic Plan for the State of Hawaii that provided a sound basis for the development of a Statewide Interoperable Mobile Broadband Network through either First Net or the "opt-out" provisions of the Middle Class Tax Relief and Job Creation Act.

Estimated cost $250,000 (fees)

Ahukini Lydgate Bike Pedestrian Path
Island of Kauai

SSFM provided the Section 106 consultation and the environmental process for the Ahukini to Lydgate Landing Shared Use Path. This work had been started by another consultant who was unable to complete it. The effort involved additional outreach to Native Hawaiian Organizations and a public meeting to determine whether further information and/or impacts on resources were needed to be considered or addressed.

Ahukini to Lydgate is one of six sections of an 8-10 foot wide shared use path through former cane haul roads, shared space along a golf course, and res-use of a historic railroad bridge. Restrooms, trailhead parking, and scenic overlooks at three (3) locations.

PLANNING PROJECT EXPERIENCE

Estimated Construction Cost: $20.1 million

Kaloi Gulch Drainage Improvements
West Oahu, Hawaii

SSFM was initially contracted with Haseko Development to prepare and re-file a Conservation District Use Application (CDUA) for the proposed Kaloi Gulch Drainage Improvements with the State Department of Land and Natural Resources.

SSFM restructured the approach to the project by defining and creating a "Regional Need" for the proposed drainage improvements. This involved redefining the project to identify specific benefits to mauka landowners. After realizing the benefits from the proposed improvements, the State Department of Hawaiian Home Lands and University of Hawaii, West Oahu joined as co-applicants on the CDUA.

Estimated Construction Cost: $50 million

Waikiki Bridges

OahuMPO Transportation Asset Climate Change Risk Assessment, Various Locations, Oahu, Hawaii

SSFM was the Prime Consultant for this planning study that involved performing a risk assessment of important transportation assets to the impacts of climate change. Honolulu was one of five pilot locations selected nationwide by FHWA to test a risk assessment climate change methodology for future application on a broader basis. The work involved assessing the likelihood and magnitude of three climate change characteristics (stressors) on a prioritized inventory of the transportation assets. The climate change variables were: Storm surge, sea level rise (depicted) and heavy rainfall. SSFM worked with SOEST (UH) on adaptation mapping and interpretation. The five transportation assets were: Honolulu Harbor, Honolulu International Airport, Farrington Highway, Kalaeloa /Barbers Point and Campbell Industrial Park, and 3 bridges leading into Waikiki. In addition to likelihood and magnitude of vulnerability determinations, the team assessed consequences to society, and developed an integrated risk assessment. Estimated Cost: Not Applicable (Study)

Kea'au-Pāhoa Road Improvements
Kea'au-Pahoa, Puna, Hawaii
Department of Transportation, State of Hawai'i

Keaau Pahoa Road (Route 130) is the primary route for travel in one of the fastest growing districts of the state. The State Department of Transportation Highways Division is planning a highway widening, the addition of bike and pedestrian facilities, and improvements for safety throughout the corridor between Keaau Bypass and Pahoa Bypass on the island of Hawaii. This project addressed heavy congestion and safety measures in a context sensitive manner.

SSFM was responsible for planning, conceptual engineering, environmental review, agency coordination and public involvement.

PLANNING PROJECT EXPERIENCE

The project proceeded using a Context Sensitive Solutions process which involved community members, consultants, and HDOT staff in a series of advisory group sessions where all elements of the project were discussed and debated. The results brought widespread praise for the process and outcome by participants as well as the broader community.

SSFM managed all specialty sub-consultants to ensure accuracy and quality as well as coordinated and timely results. Major work elements included developing long range traffic forecasts, conducting traffic studies, developing and comparing alternatives, developing civil plan and profile drawings. State and Federal regulations that had to be complied with included Section 106, consultation with Native Hawaiian Organizations, Section 7 consultation on threatened and endangered species, Coastal Zone Management, Title VI Environmental Justice. SSFM was responsible for writing and processing the Draft Environmental Assessment, for responding to comments, and for completing the Final Environmental Assessment and Finding of No Significant Impact.

Estimated Project Construction Cost: $130 million

Kahului Harbor Development Plan
Kahului, Maui, Hawaii

SSFM is the Prime Consultant for this assignment and is responsible for the preparation of a Development Plan for Kahului Harbor. The Development Plan will describe project goals and objectives, plan schematics, project sequencing and (order of magnitude) cost estimates. The work includes assessing alternate land acquisition schemes to allow for expansion of harbor operations, as well as a review of the mix of uses between commercial and passenger operations. The improvements are understood to include:

- Alternate lay outs for expansion area
- Pier 1: Review need for fencing to separate passengers and cargo
- Pier 1: Upgrade fuel line under the guidelines of the DOT Harbors Statewide Fuel Facilities Development Plan
- Pier 2: Strengthen surface, pave and add security fencing around back up areas

Client Contact: Sandra Rossetter | (808) 587-1886

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Representative GIS Project Experience

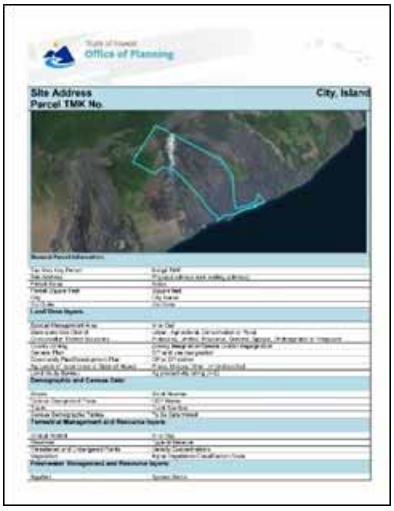
The following is a list of representative projects where SSFM provided a combination of GIS and Information Technology services:

GIS PROJECT EXPERIENCE

St. Francis Hospital Program Management and Development Support, Liliha Campus, Honolulu, Hawaii

SSFM provided services required for the Due Diligence Report of the existing site conditions at the St. Francis Health Systems Hawaii Liliha Campus. The report included research of existing literature/documents on the site conditions as follows: (1) Topographic Survey or other surveys; (2) Environmental documents; (3) Location and capacity of existing utilities (i.e.: water, sewer, drainage, electrical, gas, phone, cable, etc.); and, Plans, specifications and other design related documents associated with buildings/structures constructed on the campus. The final deliverable included the hard copy report as well as an interactive Geographic information system (GIS) allowing St. Francis Facilities Management to easily reference all information via secured web service (GIS Online).

Estimated Cost: Not Applicable



Coastal and Marine Spatial Analysis Tool
Statewide Hawaii

SSFM was the Prime Consultant for the Development of a Coastal and Marine Spatial Analysis Tool (Analysis Tool). This Analysis Tool shall incorporated web-based GIS technology, and produce spatial and tabular information for governmental planning and permitting purposes. The Analysis Tool examined regulatory criteria derived from state statutes, county ordinances, and administrative rules within existing processes. The tool produced information in electronic form regarding the environmental conditions and human activities in the area where a specific permit is issued.

Estimated Cost: $148,756 (fees)

Lihue Development Plan Update
Island of Kauai, Lihue, Hawaii

SSFM updated the existing Lihue Development Plan which included: formulation of Special Planning areas and land use community related special studies/policies/mapping pertaining to economic, housing, agriculture, recreation, social, environmental, culture, and historic resources, infrastructure, traffic circulation, demographics, growth projections and scenarios and build out analyses, urban design, and other land use issues, analyses of community zoning issues, smart growth concepts and implementation alternatives; public participation/education and meeting facilitation; geographic information systems (GIS) mapping and new layer development; consistency/implementation of County General Plan recommendations pertaining to region; and consideration of policy

GIS PROJECT EXPERIENCE

and design recommendations and implementation strategies proposed by the Lihue Town Core Urban Design Plan, the Lihue-Hanamaulu Urban Design Plan, the Lihue Civic Center Master Plan, the Sustainable Design Assessment Team (SDAT) Report, and other applicable public facilities and transportation plans relating to the project area.

Estimated cost $700,000 (fees)

Hawaii State Civil Defense Emergency Warning Sirens Statewide Planning Phase 2
Various Locations in Hawaii

SSFM was the Prime Consultant responsible for securing site approvals for approximately 200 sites Statewide, including government permits/approvals, landowner approvals for each site, and assisting in preparation of the disposition documents. This work also included the Installation of new composite poles, installation of new digital sirens, and removal of existing pole/siren where required. GIS work involves developing a system for DAGS to utilize the State ArcGIS Online platform for the State DOD Emergency Warning Sirens Modernization Program for the purpose of improving efficiency of file management and file sharing within the DOD and DAGS project management team.

Estimated Construction Cost: $16 million

Facilities Project Management and Tracking Database System for the Department of Education
Statewide Hawaii

SSFM was the Prime Consultant for the development of a project management tracking system with software applications that consisted of the tools to identify, catalogue, and report on the condition and status of facilities at all 256 public schools statewide. The purpose of developing the Facilities Project Management and Tracking Database System (aka: FACTRAK) was to support the strategic goal of providing a safe environment for students to learn. It enabled the DOE to inventory and monitor assets, assisted in planning managing resources. The custom applications developed include ESRI's ArcIMS Geographic Information System as well as .NET and .ASP web programming which allowed for an accurate inventory of assets within its exact location (global coordinates).

Features: Online GIS

Notable layers include all schools, high school boundaries, political boundaries, parcels and roads

GIS PROJECT EXPERIENCE

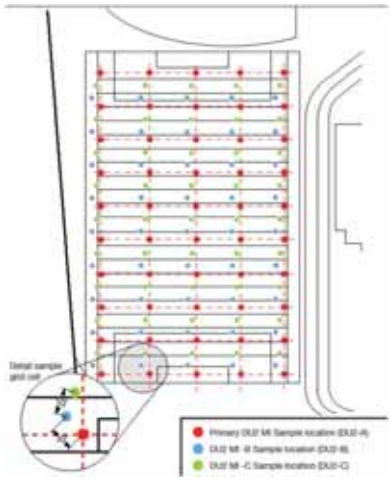
Kilauea Elementary School Historic Cafeteria Relocation Environmental Assessment
Kilauea, Kauai, Hawaii

SSFM provided professional planning services for the development of a new cafeteria, relocate the existing cafeteria building, and implement accessory improvements at Kilauea Elementary School. In addition, the planning work included an Environmental Assessment that incorporates the May 1999 Kilauea Elementary School Master Plan (MP) prepared by Yamasato, Fujiwara, Aoki & Associates Inc.

GIS Uses:

Features: Visualization in EA, Public Mtg and KHPRC Presentation

Notable layers include Aerial Photos, Zoning, Historic Buildings, Exceptional Trees, Flood



Ewa Makai Middle School
Environmental Assessment
Ewa, Oahu, Hawaii

SSFM was the Planning Consultant responsible for the preparation and processing of an Environmental Assessment (EA) in accordance with State environmental requirements for this new school facility. The EA was prepared to comply with State Chapter 343, HRS regulatory requirements and the State Department of Health's Title 11, Chapter 200, Administrative rules.

Features: EA Figures and Hazardous Soils Testing

Notable Layers include Aerial Photos, Soils Testing

West Oahu / Farrington Highway Guideway Design-Build Project
Environmental Constraints Maps
Kapolei to Waipahu, Oahu

The SSFM Planning Group was responsible for environmental compliance of this segment of the guideway, the first segment of the Honolulu High Capacity Transit Corridor (HHCTC) Project. Services involved preparing a Design Environmental Compliance Plan and geo-referenced database of several hundred mitigation and permit conditions. A key element was preparation of Environmental Constraint Maps using ESRI's GIS platforms, ArcReader and ArcMap. These ECP maps were a tool that enhanced design engineers and reviewers to communicate with each other, identifying risks and mitigation conditions. The user-friendly format allowed users to visualize mitigation requirements as they would appear in the field and then drill down to original source and reference documents.

Features: Over 25 separate layers

GIS Advantage: Data Integration, Mitigation to Design Interface, and Unlimited accessibility

GIS PROJECT EXPERIENCE

Design-Build Queen Kaahumanu Highway Widening, Phase 2
Kona, Hawaii

SSFM led the Design Team for this Design Build project. The project included: design and construction services to widen Queen Kaahumanu from the existing two (2) lanes to a four (4) lane divided highway. SSFM prepared and maintained an accurate geo-referenced database of this project in ArcServer and ArcMap. This involved collecting all public geo-referenced information within the project area and developing accurate layers containing this project-sensitive data. The GIS work mainly involved the mapping and proximity analysis of sensitive archaeological and cultural sites to the design. This involved using GPS to verify and document the locations of the sensitive sites, the compilation and integration of multiple program files into a single GIS platform, and publishing geo-referenced data maps using ArcServer to make all information available to the entire Project Team via the internet.

Features: ArcServer Configuration and Deployment, Creation of Archaeological and Cultural Layers, Integration of Design into ArcMap, Data Server Hosting & Maintenance, Use of GPS with Sub-Meter Accuracy, Web-GIS User Interface Customization and Development

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Hawaii Island Flood Hazard Mitigation Plan
Hilo, Hawaii

SSFM was contracted to assist the County of Hawaii (County), Planning Department, to develop a Flood Hazard Mitigation Plan, which will be a component, or portion thereof, of the County of Hawaii's Natural Hazard Mitigation Plan. SSFM conducted a field investigation based on Repetitive Loss Data provided by the Federal Emergency Management Agency. We were responsible for taking digital photographs, digitizing any Flood Insurance Maps that were not previously Digitized by FEMA and coordinating with various agencies for critical structure and highway location data. The data collected was analyzed for future mitigation of flooding and incorporated into an overall Flood Mitigation Report. SSFM provided all GIS shape files and Meta Data required for the Overall County of Hawaii Flood Mitigation Report.

Features: FIRM Map Creation, Creation of all Critical Structure Layers, Creation of 100 year flood data layers, Integration and Creation of Parcel and Community related layers, As Needed User Training

GIS PROJECT EXPERIENCE

Benchmarking US Insular Areas
Federated States of Micronesia, Republic of Palau, Marshall Islands, American Samoa and the Northern Marianas

SSFM was responsible for conducting a study which determined criteria for the establishment of benchmark indicators, and assigned benchmarks for various government infrastructure and public facilities in the U.S. Insular areas. The benchmark indicators were measureable and expressed in quantitive terms using ESRI's ArcView as its platform software. This was done for Tutuila in the Territory of American Samoa, Ebeye and Majuro in the Republic of the Marshall Islands, Kosrae, Pohnpei, Chuuk State and Yap Islands in the Federated States of Micronesia, Saipan in the Commonwealth of the Northern Marianas.

Features: Creation of all Infrastructure Layers (Airport, Hospitals, Roads, Schools, Harbors, and Government Buildings), including the digitization of site plans and linked photographs.

Customization of Benchmarking rating system and condition trend analysis

User Training on GPS use, Digital Photography use, rating system and GIS data capture and later creation (1 week long)

Kapaa-Kealia Bike and Pedestrian Path
Kapaa, Kauai, Hawaii

SSFM was responsible for the overall project management of this project which included development of a master plan, Environmental Assessment, and discretionary land use permits. Master Plan development included inventory of shoreline conditions, conducting community workshops on the development of path alternatives, amenities, developing plans and perspective drawings for path and amenities, GIS data base and 3-D modeling of route, and having a public informational meeting.

Features: GIS Programming

Hawaii Island Commercial Harbor Master Plan
Kawaihae Harbor and Hilo Harbor
Island of Hawaii

SSFM was the Prime Consultant responsible for the formulation of commercial harbor master plans and the development of critical commercial harbor infrastructure (e.g., piers, cargo yards, passenger terminals, etc.) at Kawaihae and Hilo Harbors. The work in Hilo was primarily an update of the existing Masterplan. The work at Kawaihae included integrating multiple uses such as military, small boats, commercial, future passenger and possible relocation of fuel storage plus internal circulation issues.

Features: GIS Programming

GIS PROJECT EXPERIENCE

Paia Bypass Road Project, Master Plan and EIS
Paia, Maui, Hawaii
Project No. STP-361-1 (11)

SSFM was responsible for community involvement, planning, and conceptual design analyses, preliminary engineering services necessary to prepare and process an Environmental Impact Statement (EIS) meeting both Federal and State requirements for the "Paia Bypass Road" for the Paia Community on the Island of Maui. Work involves GIS of constraints and 3-D modeling.

Features: GIS Programming

North Kona Improvement District Implementation Plan
County of Hawaii

SSFM assisted the County of Hawaii with a broad regional sewerage master plan including all un-sewered areas of the North Kona region extending from Kealakehe and Kaloko to Honokohau Harbor and north to the Lands of Kau. SSFM utilized GIS to develop a specific and detailed implementation plan for an improvement district including necessity and feasibility, proposed boundaries and listing of proposed real properties subject to assessment. Data, survey, maps, drawings, details and specifications as required.

Features: Creation of all Project related proposed alternatives and Integration and Creation of Parcel and Community related layers

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TRAFFIC ENGINEERING EXPERIENCE

Samkoo Condo Re-Zoning Application, Kapiolani Boulevard and Kona Iki Street, Honolulu, Hawaii

SSFM provided civil engineering and traffic analysis services for the re-zoning application for the proposed Samkoo House Condominium project, a 43-floor condominium located at 1391 Kapiolani Boulevard in Honolulu.

Cost: $99,000 (fees)

Smaller Makila Kai Traffic Assessment, Punakea Loop and Haniu Street, Lahaina, Maui, Hawaii

SSFM prepared a traffic assessment in support of the 201H project that planned to develop 25 affordable single-family homes, 24 market priced homes, and open space and/or area for a small park or similar community facility on a 79-acre property by the year 2020.

Cost: $12,000 (fees)

Makila Rural Development Traffic Impact Analysis Report Launiupoko, Lahaina, Maui, Hawaii

SSFM provided a traffic impact analysis for the proposed Makila Rural development in Launiupoko, mauka of the future Lahaina bypass, on the island of Maui. Makila Rural is a proposed 225-unit development included in the Rural Growth Boundary of the Maui Island Plan.

Cost: $43,303 (fees)

Kamakoa Traffic Impact Analysis Report
Kamakoa Development, Waikoloa, Kona, Hawaii

SSFM prepared a traffic impact analysis for the proposed 811-acre 162 single family unit Kamakoa development in South Kohala on the Island of Hawaii. The analysis was required to support the environmental permitting for the proposed Kamakoa residential development on Hawaii Island.

Cost: $43,545 (fees)

Hyatt Kaanapali Beach Walk Pedestrian Study
Kaanapali, Maui, Hawaii

SSFM conducted a pedestrian study in support of an Environmental Assessment for the proposed rehabilitation of the existing beach walk fronting the Hyatt Kaanapali on the island of Maui.

Cost: $18,000 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Circulation and Accessibility Plan
University of Hawaii at Manoa Campus
Honolulu, Hawaii

SSFM provided traffic engineering and planning services to Nelson\Nygaard Consulting Associates for this study that identified current multimodal travel patterns on the UH-Manoa campus and proposes improvements to improve circulation and accessibility for all users.

Cost: $43,385 (fees)

Lahaina Bypass Southern Terminus Relocation
Lahaina, Maui, Hawaii

SSFM provided civil engineering and transportation planning services to support the efforts to complete an Environmental Assessment for the proposed realignment of a section of the Lahaina Bypass. A Traffic Impact Analysis Report was prepared to analyze the traffic impacts of the proposed project in the planning years 2020 and 2015 and recommended conceptual designs for five intersections.

Estimated Cost: $94,504 (fees)

Central Maui Bike and Pedestrian Study
Papa Avenue and Waiale Road Corridor
Wailuku – Kahului, Island of Maui

SSFM prepared and developed conceptual alternatives for Papa Avenue and Waiale Road to add new bicycle and pedestrian facilities and increase roadway and intersection operations.

Cost: $150,000 (fees)

Complete Streets Planning, Rehabilitation of Streets Phase 12D and Units 67 74 76 77, Honolulu, Hawaii

SSFM provided public outreach, environmental planning, and civil design services to support Fehr & Peers in developing a multimodal transportation assessment, context sensitive solutions process, and design work for roads included in the Rehabilitation of Streets program Phase 12D and Units 67, 74, 76, and 77.

Cost: $964,200 (fees)

Complete Streets Phase 2, Liliha Street, Nuuanu Avenue and University Avenue Study, Honolulu, Hawaii

SSFM provided traffic counts at eleven intersections, walk audits, traffic analysis, stakeholder meetings, public meetings, collection of survey data, environmental documentation, formulation of recommendations incorporating Complete Streets concepts, writing report and developing 30% design plans in AutoCAD Civil 3D (for Liliha Street and Nuuanu Avenue).

Cost: $450,000 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Riehm Mansi Park Traffic Study
Kona, Hawaii

SSFM conducted a traffic assessment in support of the proposed Riehm Mansi subdivision and development on Lot 2-A-1, tax map key for this parcel is 7-7-08:120 and 124. Access connects to Laalo Drive throught parcel 2-A-1-A which heads north from Kapukapu Street. The property was studied for potential development of between 40 and 240 dwell units.

Cost: $11,000 (fees)

Coco Palms Traffic Impact Analysis
Kapaa, Kauai

SSFM prepared a traffic impact analysis for the proposed rehabilitation of the Coco Palms Report in Kapaa on the island of Kauai. This study evaluated existing conditions and assess impacts in the surrounding area as a result of the proposed project, with the intent of minimizing impact through the potential distribution of traffic accessing the site. A traffic report was prepared summarizing the results of the study.

Cost: $44,000 (fees)

Kilauea Entry Road
Kilauea, Kauai, Hawaii

SSFM provided traffic engineering services to establish a roadway hierarchy that supports the use of Kilauea Entry Road as the primary access to Kilauea Town and Kilauea Point additional measures were considered. Uninterrupted travel along Kilauea Entry Road, as compared to traveling along Kolo Road and the driveway lined residential section of Kilauea Road, should prove sufficient reason for general traffic to use this road as the primary access.

Cost: $20,000 (fees)

Kahuku Subdivision Traffic Report
Kahuku, Hawaii

SSFM provided a traffic assessment (TA) to support a proposed subdivision application involving 165 acres of agriculture zoned land in Kakuku on the north shore of the island of Oahu. The proposed subdivision was anticipated to include approximately eight 20-acre residential lots with the potential for those lots to be CPR'd. The property is located off of Marconi Road on the Makai side of Kamehameha Highway.

Estimated Construction Cost: $17,300 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Hu Honua Bioenergy Switchyard Traffic Analysis
Pepeekeo, Kauai, Hawaii

SSFM conducted an analysis for determination of traffic requirements for two routes of entry to a proposed Switchyard Station in Pepeekeo, Kauai, Hawaii. Hu Honua Bioenergy (TMK: 2-7-007:085) is currently in the process of designing and constructing a switchyard station to distribute power generated at the Hu Honua Facility on Sugar Mill Road.

Estimated Cost: $5,000 (fees)

Kiewit Precast Yard
Kalaeloa, Kapolei, Hawaii

SSFM prepared an Environmental Assessment (EA) to comply with the Hawaii Revised Statutes (HRS) and Title 11, Chapter 200 of the Hawai'i Administrative Rules (HAR) for Kiewit's temporary use of a 34-acre parcel to serve as a precast yard to fabricate concrete elements for both the West Oahu/Farrington Highway Guideway and the Kamehameha Guideway Design-Build Contract segments of the Honolulu High-Capacity Transit Corridor Project.

SSFM also prepared a Traffic Impact Analysis Report. The study area included Kalaeloa Boulevard between Malakole Street and interstate H-1. Three existing intersections with Kalaeloa Boulevard were studied: Opakapaka Street, Lauwiliwili Street and Kapolei Parkway.

Estimated Cost: $79,900 (fees)

Traffic Study for Proposed Biomass Fired Power Plant
Knudsen Gap, Lihue, Kauai, Hawaii

SSFM prepared a traffic study for the access and mitigation requirements for the development of a biomass fired power plant by Green Energy Team, LLC at Knudsen Gap, six miles west of Lihue on the island of Kaua'i. The project is located at TMK (4) 2-7-001:001 with access off of Kaumualii Highway at Kahili Road (aka. Kuia Road or Grove Road) and Old Government Road (aka. Knutzen Road) as documented in Transportation Plan for the Green Energy Biomass-to-Energy Facility (GET, August 2013).

Estimated Construction Cost: Not Applicable (study)

Haleakala Highway Makawao Avenue Improvements
Pukalani, Maui, Hawaii

SSFM provided civil engineering and traffic engineering for the project assessment and schematic phase of this proposed highway improvement project. The overall project intent was to improve the approach along Makawao Avenue into the Haleakala Highway intersection.

Estimated Construction Cost: Not Applicable

TRAFFIC ENGINEERING EXPERIENCE

Koloa Road Rehabilitation Traffic Assessment
Koloa, Kauai, Hawaii

SSFM prepared a traffic assessment in support of a proposed rehabilitation of an existing warehouse into a general commercial/retail facility. The project is located at TMK: 2-5-004-067 on Koloa Road in Lāwai on the Island of Kauai. The proposed 7,200 square-foot facility will include a workout center, dance studio, art studio, children's bookstore and a restaurant. It is planned to be operational by the fall of 2015. All parking for the proposed facility will be accommodated on-site.

Estimated cost $8,000 (fees)

Iglesia Ni Cristo Lahaina Church
Lahaina, Maui, Hawaii

SSFM provided traffic engineering services to Iglesia Ni Cristo (INC) in support of INC's SMA/CUP application for construction of a new church at an existing church site in Lahaina, Maui. Services included providing review and comment on the Updated 5/21/2009 Review of Traffic Conditions Existing, Proposed and Analysis Prepared in Support of Iglesia Ni Cristo Proposed Improvements prepared by Land & Water Planning and Consulting as well as providing expert testimony during the project's Planning Commission Hearing.

Cost: TBD

Kalani Oceanside Retreat
Pahoa, Island of Hawaii

SSFM prepared a traffic report for the expansion of the existing Kalani Arts, Agriculture and Wellness Retreat in Pāhoa on the island of Hawai'i. The traffic study analyzed the expansion's impact to the current and future transportation network for three long-range build years.

Estimated Cost $11,500 (fees)

Wailea Golf Course Old Blue Clubhouse Renovations
Wailea, Hawaii

SSFM prepared a Traffic Impact Analysis Report and provided expert testimony at the planning commission hearing for Wailea Old Blue LLC in support of the Special Management Area (SMA) permit for the proposed relocation and development of the Wailea Old Blue Golf Course (WOBGC) clubhouse in phases over the next couple of years.

Cost: $30,000 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Kilauea Town Center TIAR
Kilauea, Kauai, Hawaii

SSFM provided a traffic analysis as it relates to the flow of traffic at the intersection of Lighthouse Road and Kolo Road and Kuhio Highway intersection next to Shell. Purpose is to mitigate traffic pressure at these intersections.

Estimated Construction Cost $90,700 (fees)

Kilauea Fruit Stand Traffic Impact Analysis
Kilauea, Kauai, Hawaii

SSFM provided professional traffic engineering services for the preparation of a Traffic Impact Assessment Memorandum that includes an analysis of existing and future traffic operations for accessing a proposed fruit stand, located off of Kuhio Highway across from the driveway access to Banana Joe's/Anaina Hou in Kilauea, Kauai. Due to anticipated construction on other projects in the area, alternative driveway access locations were analyzed.

Estimated Cost $15,000 (fees)

Hardy Street Improvements Design-Build Project
Lihue, Kauai, Hawaii
Federal Aid Project No. STP 05720 (1)

SSFM was the Designer-of-Record for this design-build project which is the first complete streets project constructed on the island of Kauai. The project included the implementation of a roundabout and creation of a safe, walkable, bike-friendly environment. This design-build project improved vehicular, pedestrian and bicycle circulation along Hardy Street between Kuhio Highway and Rice Street (approx. 0.7 miles). Work consisted of reconstruction and widening of traffic lanes; construction of turning lanes, sidewalks, bike lanes, roundabout, bus bay, curb ramps, and landscaped median islands; reconfiguration of parking and pedestrian access; drainage improvements; utility adjustments; signing and striping; intersection improvement; traffic control; and permit compliance.

Estimated Construction Cost: $7.8 million

Mokihana Hotel Traffic Impact Analysis Report
Kapaa, Kauai

SSFM prepared a traffic impact report for the proposed additional of 80 hotel units and parking for the existing Mokihana Hotel located at 4-796 Kuhio Highway, Kapaa, Kauai. Primary vehicular access to the hotel comes off of Kamoa Road, through the signalized intersection with Kuhio Highway, across from a driveway access to Waipouli Town Center. A separate secondary driveway exists off of Kuhio Highway, 200-feet north of the intersection with Kamoa Road.

Cost $18,500 (fee)

TRAFFIC ENGINEERING EXPERIENCE

Paia Courtyard Traffic Study
Paia, Maui, Hawaii

SSFM prepared a traffic memorandum that provided an update to the 2011 traffic report submitted for the proposed Pā'ia Courtyard development off of Baldwin Avenue, mauka of the intersection with Hana Highway. This traffic memo provided responses to questions by the County of Maui's Department of Planning on the TIAR prepared by Phillip Rowell and Associates in 2011 that was included in the Draft Environmental Assessment.

Cost $8,000 (fee)

Skyline Honolulu, Traffic Impact Assessment Report
Honolulu, Hawaii

SSFM prepared a traffic impact assessment report (TIAR) that assessed impacts of the proposed consolidation of several existing parcels and development of a residential condominium on a property located off of Prospect Street on the slopes of Punchbowl crater. The TIAR was prepared in support of a Special District Permit (Major) application.

Cost $15,000 (fee)

Kalaeloa BOQ Building 77 Conversion
Kalaeloa, Oahu, Hawaii

SSFM provided Traffic Engineering services on impacts associated with a proposed rehabilitation and conversion of BOQ Building77 into a reconfigured 100-unit apartment complex.

Cost $10,000 (fee)

Waimalu Zipline Traffic Study
Waimalu, Oahu, Hawaii

SSFM prepared a traffic impact report in support of an Environmental Assessment being completed for the proposed zipline tour operation.

Cost $10,000 (fee)

Kauai Philippine Cultural Center
Traffic Impact Assessment Report
Lihue, Kauai, Hawaii

SSFM provided traffic engineering services to complete a traffic impact assessment for the proposed Kaua'i Philippine Cultural Center (KPCC), located at the intersection of Kaumualii Highway and Nahoa Street on the island of Kauai.

Cost $14,000 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Piilani Suites Hotel Traffic Report
Wailea, Maui

SSFM prepared a traffic impact analysis report (TIAR) in support of the Special Management Area (SMA) and Planned Development permits for the proposed Piilani Suites Hotel. R.D. Olson Development is proposing to build the 178,000 square-foot Piilani Suites Hotel in Wailea on the southern coast of the island of Maui.

Cost $20,000 (fees)

Kalihi Complete Streets Concept Plan
North King Street from Kalihi Stream to Waiakamilo, Kalihi Street from N. King Street to Dillingham Highway
Honolulu, Hawaii

SSFM provided professional planning services for the Kalihi Complete Streets Concept Plan. The project area was North King Street from the Kalihi Stream to Waiakamilo Road and Kalihi Street from North King Street to Dillingham Highway.

Estimated Construction Cost $100,000

Traffic Counts for Malu Investment Waikiki, Kuhio, and Kapahulu Avenues, Honolulu, Hawaii

SSFM collected traffic counts at the Kuhio and Kapahulu Avenue intersections for later use in a traffic study of the impacts of the proposed development. The project is described as an approximately 5,000 square-foot commercial development on the corner of Kuhio Avenue and Kapahulu Avenue in Waikiki, Hawaii. The project is being proposed on vacant parcels comprised of Tax Map Key 2-6-027:001, 045, and 052 with vehicular access to the proposed parking lot through an existing right-in/right-out curb cut off of Kuhio Avenue. Cost $5,000 (fees)

Traffic Study for the NOAA Child Development Center
Joint Base Pearl Harbor Hickam, Pearl Harbor, Hawaii

SSFM prepared professional traffic engineering services for a Traffic Study in the construction of a new Child Development Center (CDC). The proposed CDC is on federal lands, at the northwest corner of Peltier Avenue and Nimitz Road, sharing the site of a CDC recently remodeled from a Navy Resource Center. The additional construction will add capacity for an additional 170 children, bringing the total capacity to 300 children.

Cost $14,000 (fees)

TRAFFIC ENGINEERING EXPERIENCE

Traffic Impact Analysis Report (TIAR) for the Waimanalo Health Center Expansion, Waimanalo, Hawaii

SSFM prepared a traffic impact analysis report (TIAR) to assess impacts of the proposed development of a two-story outpatient medical clinic, and expansion of Waimanalo Health Center (WHC), in support of an Environmental Assessment and Special Management Area permit being completed for the project. WHC is proposing to expand and develop a two-story outpatient medical clinic on a plot of land currently used by the WHC for employee parking.

Cost $32,200 (fees)

Camp Pupukea Traffic Impact Analysis Report
Aloha Council of Boy Scouts of America
Pupukea, Oahu, Hawaii

SSFM prepared a traffic impact assessment report to assess impacts of the proposed redevelopment of the camp in support of an Environmental Assessment (EA) being completed for the project. The Aloha Council Boy Scouts of America is completing a long range master plan for Camp Pupukea. Camp Pupukea resides on 65-acres, located at the top of Pupukea Road on the north shore of the Island of Oahu.

Estimated Cost: $24,400 (fees)

Traffic Engineering Devices at Various Locations, Phase 1
Various Locations, Honolulu, HI

SSFM was responsible for the preparation of construction contract documents for improvements including sidewalks, crosswalks, traffic circles, roundabouts, solar powered speed radar signs, flashing beacons, speed humps, speed tables and skid resistance surfacing to improve pedestrian and vehicular traffic safety. Work also included preparation of two “Complete Street” demonstration projects which incorporated narrow lane striping, reverse parking, sidewalk bulbouts at crosswalks, rectangular rapid flashing beacons and sharrows.

Estimated Construction Cost $1.2 million

Samkoo House Condominium
Re-Zoning Application
Honolulu, Hawaii

SSFM provided civil engineering and traffic analysis services for necessary re-zoning application submittal for the proposed Samkoo House Condominium project, a 43-floor condominium located at 1391 Kapiolani Boulevard in Honolulu, HI. The traffic impact analysis report addressed multi-modal impacts associated with the proposed project and surrounding area growth conditions.

Estimated Construction Cost: Not Determined

TRAFFIC ENGINEERING EXPERIENCE

Palamanui Development
Traffic Impact Analysis
North Kohala, Hawaii

SSFM provided a traffic impact analysis for the proposed Palamanui Development in North Kona on the Island of Hawaii. Palamanui is a master planned community with residential and commercial properties, and university related facilities.

Estimated Construction Cost: Not Applicable (Study)

Veterans Administration Building at the National Memorial Cemetery of the Pacific, Punchbowl
Traffic Impact Analysis Report
Honolulu, Hawaii

SSFM provided a traffic impact assessment for the proposed expansion of the existing columbarium in addition to cemetery improvements at the National Memorial Cemetery of the Pacific. A traffic impact assessment report was prepared in support of an Environmental Assessment.

Estimated Construction Cost $18.5 million

Village Park Corridor Study
Kunia, Waipahu, Hawaii

SSFM provided traffic engineering and planning services, civil engineering design, and public involvement. The services proposed are divided into four major tasks: Research and Data Collection; Sub-Area Corridor Analysis to Improve Safety and Operations; Alternative Measures and Reports; Public Involvement.

The sub-area traffic study was prepared to include safety and operations of existing roadway conditions in Village Park, along the entire Kupuna Loop. This included Kupuohi Street between Anonui Street and lower Kupuna Loop which provides access to both the Kunia and Royal Kunia shopping centers. Kupuna Loop is a major collector, and like many other similar streets of this functional class in Honolulu, has direct driveway access to single family homes. Existing concerns included pedestrian crossing and walking safety, on-street parking, sight distance, speeding and crash incidents.

Estimated Construction Cost: Not Applicable (Study)

Traffic Improvements on University Avenue Between Maile Way and Oahu Avenue
Honolulu, Hawaii

SSFM provided traffic engineering for this study required to identify potential traffic improvements to University Avenue between Maile Way and Oahu Avenue. Included in this study are two major tasks which included a study area analysis and determination of alternative measures.

Estimated Construction Cost: Not Applicable (Study)

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Repair 3rd Street and Traffic Intersection Upgrades
Kaneohe Marine Corps Base, Kaneohe, Hawaii

SSFM provided traffic engineering services for the reconstruction of 3rd Street (from "E" Street to "G" Street) and traffic signals and intersection upgrades at the intersection of "G" and 3rd Streets. This included the replacement of all vehicle and pedestrian traffic signals, poles, signal controller, junction boxes, wiring and conduit, and vehicle detection loop sensor wiring.

Estimated Construction Cost $780,000

Weinberg Lahaina
Lahaina, Maui, Hawaii

SSFM prepared the Preliminary Engineering Report, Preliminary Drainage Report, Traffic Impact Assessment Report, Development of Conceptual Site, Grading and Utility plans for general project planning level discussions.

The proposed project is located in Lahaina on Front Street, adjacent to Kahoma Stream and is designated as Tax Map Key (2) 4-5-008: 01. The site has an area of 21.6 acres, is zoned A-1 Apartment District and located in the Special Management Area. The proposed residential project will consist of approximately 203 various residential units with parking and a 1.2 acre central park area. Road widening, frontage and utility improvements will be designed as required for the development.

Estimated Construction Cost: Not Applicable

Puainako Street Realignment Widening, Komohana Street to Kīlauea Avenue, Hilo, Hawaii
Federal aid Project No. STP-2000(5)

SSFM is the prime consultant responsible for Project Management, Planning, Civil Engineering and Structural Engineering services on this project. The project involves realigning Puainako Street (four lanes) from Komohana Street to Kawili Street/Iwalani Street, and widening Puainako Street (four lanes) from Kawili Street/Iwalani Street to Kanoelehua Avenue. Services include the preparation of plans, cost estimates, review of previous completed environmental assessment, drainage improvements, retaining walls, guardrails, and sound barrier walls; installing pavement markers, object markers, traffic signs, intersection signals, and highway lighting; adjusting and relocating utilities. Estimated Construction Cost: TBD

Kapi'olani Street Extension, Lanikāula Street to Mohouli Street
Hilo, Hawaii

SSFM provided planning and design services for the extension of Kapi'olani Street from Lanikā ula Street to Mohouli Street in Hilo, Hawaii. The project includes two-lanes and a central median/turn lane, curbs, gutters, and sidewalks, bike lanes, a concrete bridge across Waiākea Stream, drainage structures, utility relocation, intersection channelization and improvements, traffic signals, crosswalks, ADA curb ramps, street lighting, landscaping, retaining walls, property and

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driveway tie-ins, and other related improvements.

Estimated Construction Cost $12.0 million

Kahekili Northbound at Ahuimanu Road

Kahekili & Hui Iwa North Intersection

Kahekili Northbound Approach at Ahaolelo

Kahekili Highway Improvements
Haiku Road to Kamehameha Highway
District of Koolaupoko, Island of Oahu

SSFM is providing transportation project planning and preliminary engineering services for the re-evaluation of the 1990 FEIS for the purpose of pursuing and completing the last segment identified in the 1990 FEIS. This FEIS re-evaluation will include the project planning and preliminary engineering analysis that includes alternatives analysis for the entire corridor from Likelike Highway to Kamehameha Highway with emphasis on the segment from Haiku Road to Kamehameha Highway.

The project planning work includes the analysis of consistency and coordination with relevant planning studies and programs, and the transportation forecast modeling of the regional roadway network. The preliminary engineering work includes the traffic engineering analysis on the proposed alternatives. The engineering analysis work will include preliminary design, right-of-way assessment, and cost estimation. The alternative analysis will also apply methods to consider the federal requirements and policies; HDOT requirements and policies; all modes of transportation, stakeholders interests and priorities; and social, economic and environmental impacts.

US Army Garrison (USAG) Humphreys, Land Development and Utilities Infrastructure, Solicitation No. W912UM-08-R-0023

SSFM is leading the Civil Engineering Design Team for SK Engineering & Construction for this Design-Build (D-B) project. The project involves the land development and utility systems in the acquired land for expansion of USAG Humphreys in accordance with the Yongsan Relocation Plan (YRP). The construction work includes: (1) Hauling and placing/compacting engineered fill in approximately 1,000 acres in the land area adjacent to USAG Humphreys designated as "Parcel 2A;" (2) construct roads and storm water drainage systems in Parcel 2A; (3) install utility collection/distribution networks for water supply, sewer, electrical, natural gas, and communications ("C4I") in utility corridors in Parcel 2A as well as in adjacent land areas designated as Parcel 1 (approximately 200 acres) and Parcel K (109 acres); (4) provide utility connections to the existing USAG Humphreys installation utility systems to create a single, integrated system; and (5) provide for water, sewer, electrical and natural gas terminal connections to the municipal utility system mains.

Estimated Construction Cost $450 million US

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Queen Kaahumanu Highway Widening, Phase 2
Kona, Hawaii

SSFM is leading the Design Team for this Design Build project. The project includes: design and construction services to widen Queen Kaahumanu from the existing two (2) lanes to a four (4) lane divided highway. Other work consists of, but is not limited to, design and construct new pavements, drainage systems, sidewalks, traffic signal systems, pavement markings, traffic signs, guardrails, highway lighting, landscape planting, relocate/install utilities, address mitigation of archaeological sites within the project limits, provide temporary and permanent Best Management Practices (BMP), and process permits required to complete the project in conformance with appropriate Federal, State, and local standards.

Estimated Construction Cost $75.0 million.

Kalanianaole Highway Improvements in Waimanalo Phase 1
Olomana Golf Course to Poalima Street
Waimanalo, Oahu, Hawaii
Federal-Aid Project Number NH-072-1 (53)

SSFM provided planning and engineering services for this project that includes roadway improvements along Kalanianaole Highway from Olomana Golf Course to Poalima Street. Improvements include road widening to provide a two-way left turn lane, left turn pockets, paved shoulders, sidewalks and an equestrian path. Other improvements include slope stabilization, electrical relocations, safety and drainage improvements and other related improvements. SSFM is preparing the PS&E, soils engineering and pavement justification report, drainage report, highway lighting, utility relocation, traffic signal improvements, traffic control plans in conformance with latest MUTCD. BMP's and permits/clearances necessary to complete the project. SSFM is also attending Public Informational Meetings as needed. Estimated Construction Cost: $12 million

Pedestrian Safety Crossing Pilot Project
Honolulu, Hawaii

SSFM was the Prime Consultant for the design of a pedestrian activated pedestrian warning system on King Street in Kalihi. This was a high profile demonstration project where a number of pedestrian accidents had occurred. The features included design for a pole mounted, in-ground flashing beacon pedestrian crossing technology as well as traffic maintenance plans and installation plans in accordance with MUTCD, AASHTO, and city standards and guidelines.

Cost: $138,000 (fees)

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The Villages of Aina Le'a, Waikoloa, Hawaii

SSFM is the Prime Engineering Consultant responsible for planning and design services for the Aina Le'a Development project. The project site is a 3,000 acre property in Waikoloa in South Kohala on the Island of Hawai'i and located east of the Queen Ka'ahumanu Highway and is surrounded by vacant lands owned by Tri-Kohala Development to the north, Waikoloa Village Association to the east, and Waikoloa Land and Cattle Co. to the south. The current plan is to provide parcels for future development that will accommodate 528 single family units, 1,662 multifamily units, and 150 affordable housing units. SSFM is providing planning and design for the 1,000 urban core portion of the project site and it includes an 18-hole golf course (design by Robin Nelson Golf Course Architect); approximately 7 miles of interior roads and bikepaths; utility infrastructure (potable water distribution system, R1 water distribution system, sewer collection system, power, telephone, and cable TV); and, design of the North intersection with the Queen Kaahumanu Highway.

Middle Street Intermodal Facility, Honolulu, Hawaii

SSFM Planning was responsible for obtaining USACE Clean Water Act approvals and a Stream Channel Alteration Permit for this project that involved the development for a regional intermodal center and consolidated Handi-Van facilities on a 9.15-acre site located on Middle Street between North King Street and Kamehameha Highway, adjacent to and makai of the existing Kalihi-Palama Bus Facility. Estimated Construction Cost for the project is $20 million.

Puainako Street Realignment Widening
Komohana Street to Kīlauea Avenue
Hilo, Hawaii
Federal aid Project No. STP-2000(5)

SSFM is the prime consultant responsible for Project Management, Planning, Civil Engineering and Structural Engineering services on this project. The project involves realigning Puainako Street (four lanes) from Komohana Street to Kawili Street/Iwalani Street, and widening Puainako Street (four lanes) from Kawili Street/Iwalani Street to Kanoelehua Avenue. Services include the preparation of plans, cost estimates, review of previous completed environmental assessment, drainage improvements, retaining walls, guardrails, and sound barrier walls; installing pavement markers, object markers, traffic signs, intersection signals, and highway lighting; adjusting and relocating utilities. Benefits to the Owner/Public: The purpose of this project is to improve the traffic operations on Puainako Street, from Komohana Street to Kawili Street/Iwalani Street.

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Design-Build Queen Kaahumanu Highway Widening, Phase 2 Kona, Hawaii

SSFM is leading the Design Team for this Design-Build project. The project includes: design and construction services to widen Queen Kaahumanu from the existing two (2) lanes to a four (4) lane divided highway. Other work consists of, but is not limited to, design and construct new pavements, drainage systems, sidewalks, traffic signal systems, pavement markings, traffic signs, guardrails, highway lighting, landscape planting, relocate/install utilities, address mitigation of archaeological sites within the project limits, provide temporary and permanent Best Management Practices (BMP), and process permits required to complete the project in conformance with appropriate Federal, State, and local standards. Estimated Construction Cost $75.0 million.

College of Hawaiian Language, University of Hawaii at Hilo, Hilo, Hawaii

SSFM is the Prime Consultant for the planning and design of the Hawaiian Language Building at the University of Hawai'i at Hilo Campus. The building is composed of education rooms, office space and a small radio station. In addition to project management, SSFM prepared the environmental assessment (EA) and provided the structural engineering and civil engineering services for the project. The building is approximately 60,000 square feet with an estimated construction cost of $19.1 million.

FY07 PDC KNMD063020, C-17 Roads Restoration, Hickam Air Force Base, Hawaii

SSFM is serving as the prime consultant on this project. This project involves the restoration of roads to include all project areas where the future C-17 traffic is expected to affect. There are eight priority project areas, which include four (4) areas in the C-17 beddown site, one (1) area at Row 23, two (2) near Kuntz Gate and one (1) area near the Munition Storage Facility. Estimated Construction Cost $3 million

Primary Corridor Transportation Project, In-Town Bus Rapid Transit (BRT) Component, Honolulu, Hawaii

SSFM International provided professional services for the overall project management of final EIS Phase for the City's proposed Primary Corridor Transportation Project. In addition, SSFM was responsible for the project management and engineering services for the preliminary engineering for the in-town portion of the project. The project extends 27 miles from the City of Kapolei, past Pearlridge, Pearl Harbor, Honolulu International Airport, to Downtown Honolulu, and continuous eastward to the University of Hawaii at Manoa. The inner city portion of the project extends from Middle Street to Waikiki and to the University of Hawaii.

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Dillingham Boulevard Transit Improvements Project (Contract No. F90712), Honolulu, Hawaii

SSFM was the Prime Consultant for this project that included transportation improvements along Dillingham Blvd., from Middle Street to North King Street. The focus of work was 'TheBus' (Bus) pullouts within this segment of road. Existing bus pull outs were removed or relocated. New Bus pullouts were added. The project included ADA sidewalk, driveway and curb ramp improvements that were limited to the Bus pullout work. Existing utilities, as affected by Bus pullout work, were altered, relocated and modified as required.

Helemano Vehicle Trail, Helemano, Oahu, Hawaii

SSFM was the Prime Consultant to the preparation of a parametric design & estimate, and design-build request for proposal for the upgrade of Helemano Vehicle Trail to be a one lane all weather road to be utilized by U.S. Army Vehicles. The project is located adjacent to Schofield Barracks, and Helemano Military Reservation in Wahiawa Hawaii. The roadway is to be a new gravel road with associated bridges and structures necessary to allow the design vehicles to travel via convoy.

Mamalahoa Bypass Highway, Kona, Hawaii

SSFM was the Prime Consultant for the design of this 5.6 mile Mamalahoa Highway bypass road connecting Ali'i Highway near Keauhou to Mamalahoa Highway at Captain Cook. The two-lane highway was designed to the County of Hawaii Standards also meeting the latest AASHTO requirements. Truck climbing lanes were included in the design where grades exceeded the steepness of 8 %. The proposed signalized intersection of Mamalahoa Highway and Napoopoo Road at Captain Cook was designed to include connection of the new bypass road requiring new signalization phasing for the added turning lanes.

Traffic Calming Improvements at Various Locations, Oahu, Hawaii

SSFM was the Prime Consultant responsible for technical and professional services for the planning and design of traffic calming improvements for the Olomana, the Kailua, the Kohou Street, the Pearl City, the Kaimuki, the Makiki, the Salt Lake, the Mililani, the Coconut Grove, and the Koko Head District Park Neighborhoods.

TRAFFIC ENGINEERING EXPERIENCE

Park N Ride Facilities
County of Hawaii, Mass Transit Agency

The County has retained SSFM to provide services for the development of Park and Ride facilities for the County of Hawaii in support of the County Mass Transit Agency's Hele-On Bus system and the proposed County-assisted public car pooling efforts. This effort will occur in two Phases. Phase 1 will include developing selection criteria to identify and recommend four sites in the North Kona, South Kona, Puna, and Ka'u Districts of Hawaii County. In Phase 2, upon County acquistion of the sites selected, SSFM will provide civil design services for the development of facilities at each site. Cost: $1,000,000.00

Waikoloa Road Capacity Analysis and Traffic Safety Improvement Study
Waikoloa, Hawaii

SSFM was the Prime Consultant responsible for conducting a capacity analysis, traffic safety improvement study,, and alternatives development. The project involves traffic analysis and recommendation for improving a 12 mile section of highway serving the Waikoloa community.

Cost $250K (fees).

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#6:
Names & Phone Numbers of Up to 5 Clients

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

Client Information

Name & Title	Agency/Company Address	Telephone No. & Email Address
Mr. Jerry Watanabe Director of Facilities Planning & Construction	University of Hawaii at Hilo Facilities Planning & Construction 200 W. Kawili Street Hilo, Hawaii 96720-4091	(808) 974-7595 jerrywat@hawaii.edu
Mr. Ken Tatsuguchi Planning Branch Manager	State of Hawaii Department of Transportation Highways Division, Planning Branch 869 Punchbowl Street, 5th Floor Honolulu, Hawaii 96813	(808) 587-1830 ken.tatsuguchi@hawaii.gov
Ms. Lea Kaiaokamalie Long Range Plan Branch	Planning Department County of Kauai 4444 Rice Street, A473 Lihue, Hawaii 96766	(808) 241-4061 lkaiokamalie@kauai.gov
Ms. Kelly Cruz Engineering Branch	City & County of Honolulu Department of Transportation Services 650 S. King Street, 3rd Floor Honolulu, Hawaii 96813	(808) 768-8320 kcruz@honolulu.gov
Ms. April J. Surprenant, AICP, AIA Manager of Long Range Planning & Board of Appeals	County of Hawaii, Planning Department 101 Pauahi Street, Suite 3 Hilo, HI 96720	(808) 961-8131 april.surprenant@hawaiicounty.gov

We approach each project candidly and never promise more than we can deliver; we listen to our clients and look out for their best interests; and, we will always be responsive.

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County of Hawaii
Mass Transit Agency
STATEMENT OF QUALIFICATIONS
Fiscal Year 2024-2025

#7
Other Pertinent Information

- Qualifications & Experience
- Performance Awards & Commendation Letters

TA.3) Community Planning

(PUBLIC TRANSIT LONG RANGE AND STRATEGIC PLANNING)

CORE COMPETENCIES

SSFM International is a Hawaii-based, minority-owned business founded in 1959, incorporated in the State of Hawaii in 1961, and 100% employee owned. We provide professional services for program development, project management, planning, civil engineering, structural engineering, traffic engineering, and construction management assignments throughout the Pacific Region. In addition to the headquarters office in Honolulu, SSFM has offices on the islands of Hawaii, Maui, and Kauai, as well as in Guam, Okinawa (Japan), and Manila (Republic of the Philippines). SSFM's core competencies include the following:

GENERAL QUALIFICATIONS

Our practice is far reaching, but we're always reverential to our Hawaiian Island roots. We find ways for our clients to succeed and manage simple to complex projects from concept and planning through design and construction, navigating procedural and logistical hurdles to realize highly effective conclusions.

Our six decades of experience in the Pacific Region means we know the people, the places, the customs and the challenges of bringing projects to life throughout this region. Our people are connected to the local opportunities, issues and challenges. We have a vested interest in sustainability and resiliency for each community.

As we enter our 7th decade, we face a dramatically changing world. The threats to our islands make preserving our environmental riches as imperative of the way we practice. We are committed to incorporating long-term, sustainable, and resilient solutions in all that we do.

Our practice has solidified the foundation of our firm and established the core values that guide our professional and personal behavior. Our values drive how we treat our clients, our communities and above all, each other.

Our corporate sustainability goals include:

- a commitment to reduce the cost of energy, operation, and maintenance
- to efficiently use water resources and other natural resources
- to reduce waste and pollution
- to increase building and component durability
- to use locally available and produced building products
- commitment to the LEED (Leadership in Energy & Environmental Design) standard, as a member of the U.S. Green Building Council

Our state-of-the-art technologies and extensive in-house computer resources enable the SSFM staff to fully plan, manage and execute in order to optimize projects and integrate team effort on any scale and of any complexity. Our commitment to maximizing the use of technology in all aspects of our operations permits us to provide timely, cost-efficient quality work products that meet or exceed applicable regulations and industry standards. With information technology firmly embedded throughout our team delivery business practice, SSFM is recognized for being the program and project management, planning, and engineering consultant of choice for numerous Owners and Clients.

Major strengths which SSFM brings to each project assignment are:

- Mobility and flexibility
- Our aggressive geographic approach
- Our willingness to explore and implement non-traditional project approaches
- A highly-qualified technical staff to meet all Client expectations
- The involvement of principals and senior project managers in a hands-on manner so that project commitments and decisions are made in real time
- Our commitment to meet or beat tight schedules
- A competitive advantage for our Clients due to our and overriding commitment to succeed
- The SSFM attitude of partnering with the entire Project Team in order to successfully deliver project assignments

PROJECT MANAGEMENT QUALIFICATIONS

Project Management is more than a primary core competency of SSFM – it is *the* critical component of our strategy to ensure success time after time for our clients and their projects. We offer proven processes and highly qualified personnel, all in-place to provide ***excellence in project management***. We fully realize that we are judged on our overall performance—from management to overall quality, real-time responsiveness and cost controls. Bottom line, we recognize this simple reality: SSFM is successful only when our clients' projects are successful.

SSFM brings to bear a staff of experienced senior project managers with demonstrated track records of successfully managed projects of varying sizes and complexities. Our senior project managers are diverse in their qualifications and experiences. As a direct result, they are better able to provide a wide range of highly effective solutions on behalf of our clients. Most important of all, the common approach by all of our senior project managers is to look at individual project assignments through the eyes of the client.

Project management services provided by SSFM include:

- Owner's Representation Services
- Contract Administration

- Project Coordination
- Basic Criteria Documentation
- Quality Assurance/Quality Control
- Infrastructure and Facilities Master Plans and Feasibility Studies
- Condition Assessments

As Project Managers, we assist Owners/Clients in defining the project, developing the scope of work, preparing requests for proposal (RFP) or requests for qualifications (RFQ), and in assisting with the selection of required professional services. Ultimately, we provide our combined expertise as a representative of the Owner/Client and manage the project on their behalf.

Our Project Managers are responsible for the following:

- Communicate routinely, assist with implementation of project delivery strategies, and assist with brainstorming and development of solutions.
- Ensure project control via overall coordination and management of projects, from inception through completion.
- Develop the quality control section of the Project Management Plan to identify the specific level and quality control of the engineering services, conceptual design and/or environmental planning study.
- Identify Stakeholders and determine their requirements; manage and influence those requirements to ensure a successful project.
- Analyze and fully understand the specific mission-needs of the Project, and task a matrix team of multi-discipline professionals.
- Articulate the Client's goals and objectives to the Project Team members and external groups.
- Provide clarification and accurate documentation of the scope of work for the entire Project Team.
- Execute planning of the project in all aspects of definition, schedule and budget.
- Coordination and scheduling of sub-consultants.
- Monitor the progress of the project to determine actual work accomplished versus cost-to-date versus budget.
- Perform appropriate actions to maintain project schedule and budget.
- Record meeting minutes and memoranda of significant events and decisions.
- Serve as the single point-of-contact for the Client.
- Coordinate all conceptual, design and technical reviews.
- Conduct quality assurance audits.
- Coordinate, prepare, and print all contract documents.

PLANNING QUALIFICATIONS

The Strategic Services Group (SSG) at SSFM provides planning, traffic engineering, and environmental services for a wide range of projects in the State of Hawaii and the Pacific Region. SSG is composed of highly qualified and experienced professionals with the requisite technical qualifications and diverse project experience to effectively design, manage, and conduct complex planning processes. Our projects frequently bring together multi-disciplinary teams that work with government agencies and community members to identify shared visions and implementable solutions for transportation, infrastructure, land use, climate change, and other issues important to communities.

Our aim is always to devise effective and innovative solutions that are transformative to a project, mitigate obstacles, and deliver results. We build in context-sensitive and inclusive community engagement processes to build and document support from key stakeholders. Tools such as geographic information system (GIS) mapping, websites, story maps, graphic renderings, branding, and other visual elements are incorporated into all of our projects for effective communication and transparency. We also utilize work plans, schedules, and other project management resources to monitor project status, keep clients and project teams informed and provide responsive communication.

We offer a full suite of environmental planning and permitting services for projects at all scales, from large-scale master planned developments to resource management and restoration projects. Our environmental planners have an excellent understanding of land use, environmental and public participation requirements and are able to deliver results under demanding project schedules and constraints. We develop a comprehensive scope of services for the necessary work tasks and agency requirements relative to the circumstances for each unique project, including its surrounding community area.

Our range of services includes:

<u>Long-Range Community and Land Use Planning</u>
SSFM has led a number of award-winning long-range planning processes at the State, County, and regional levels. Our processes are innovative, inclusive, and transparent, with the intention of bringing together technical, agency, and stakeholder goals and knowledge to create plans that are implementable and embraced by the community. We have a proven track record for completing complex plans on time and within budget, as well as establishing groundwork for implementation.

<u>Federal NEPA and State HRS Chapter 343 Compliance (EIS, EA, and Categorical Exclusion)</u>
We are well versed in the regulatory requirements and procedures associated with preparing and processing NEPA environmental compliance documents, including State of Hawaii HRS Chapter 343 documents. In addition to being the primary authors, we manage specialized teams preparing technical studies involving traffic, archaeology, culture, biological resources, socioeconomics, air quality, noise, marine and fresh water quality, and hazardous materials. We coordinate all project team work tasks and deliverables to meet established schedules, achieve project milestones, and ensure quality of reports. We are experienced in developing environmental mitigation tracking databases for use during design and construction.

Assistance with Federal NEPA Agency Consultations

We regularly prepare for and assist federal agencies who need to conduct consultations in compliance with federal and requirements for Section 7 of the Endangered Species Act, Section 106 of the Historic Preservation Act, Section 4(f) of the Department of Transportation Act, Section 404, Section 6(f) of the Land and Water Conservation Act and Essential Fish Habitat. We understand the importance of conducting consultations early and often with resource agencies.

Discretionary Land Use Approvals and Permitting

We maintain a close working relationship with Federal, State and County resource agencies that accept, process and approve discretionary permits such as, USACE Honolulu District Section 10 and 404 Permits, Department of Health Section 401 Water Quality Certification, Coastal Zone Management, County Special Management Areas and Shoreline Setbacks Areas, zoning and land use approvals.

Policy Planning, Inter-agency Agreements and Creative Re-Organization

We utilize our experiences and network to seek collaboration for the benefit of all parties. A significant element of SSFM's value to clients is over a half century of relationships and knowing who to call. Success means that new strategies achieve client goals while adding to the benefits and returns for all collaborators, partner agencies, stakeholders, and the community at large.

Traffic Engineering, Traffic Impact Analysis and Transportation Planning

Our Traffic Engineers provide analysis and engineering design to forecast, model and plan for multi-modal transportation systems. We are experts at identifying and programing effective complete streets improvements to maximize multi-modal opportunities and efficiency. We provide transportation planning to help transportation systems effectively and efficiently move people and goods, influence urban development, affect economic vitality, and impact quality of life.

Climate Change Adaptation and Resilience

SSFM has been instrumental in projects to address resilience and climate adaptation across the state. This work has included preparing an economic recovery strategy to safeguard Hawai‘i's small businesses from natural disasters, leading a project to explore managed retreat as a key part of Hawai‘i's climate adaptation strategy, and establishing resilient design principles for urban development in Honolulu. Our team stays at the forefront of climate science and policy through our projects and participation in events and conversations statewide.

Master & Implementation Planning

We provide long-range strategic guidance for orderly development and support to guide projects through environmental, government and community processes.

Environmental Planning & Compliance

We provide environmental planning and impact analysis that result in strategies which are contextually sensitive, sustainable and garner approvals.

Context Sensitive Solutions, Public Engagement and Outreach

We develop innovative and inclusive public and agency participation plans for managing community relations, public outreach and stakeholder involvement as necessary to meet NEPA or other requirements. We engage stakeholders through a variety of digital and in-person methods to gather and document input and support throughout the planning process.

GIS, Graphics, and Mapping

We provide a comprehensive suite of graphic design services to effectively communicate project goals and proposed solutions. We utilize the latest practical applications of GIS in projects which may include use of custom applications, out-of-the-box solution applications, and real-time data entry and sharing via cloud storage databases.

Transit-Oriented Development

We provide master planning, engineering, project and construction management to take TOD projects from inception through construction.

TRAFFIC ENGINEERING QUALIFICATIONS

SSFM provides a full range of traffic engineering services blending practical approaches with technical innovations to create solutions that work for the community and our clients. We focus on improving transportation system performance to provide best value for improving operations and solving capacity problems. Our traffic engineers and civil engineers have extensive experience in planning and designing a wide range of roadway projects for both public and private sector clients.

We have significant experience in transportation planning, traffic operations analysis, and transportation design projects.

Traffic Planning

- Route planning
- Traffic engineering studies and traffic management planning
- Transportation corridor studies
- Route location studies
- ITS planning and alternative development
- Access control management

Traffic Operations Analysis

- Transportation modeling and analysis
- Traffic simulation of signalized arterials and freeway corridors
- Roundabout and advanced interchange/intersection design

Transportation Design Services

- Roadway geometrics
- Intersection reconfiguration
- Signage
- Traffic calming
- Bikeways and bike paths
- Traffic signals
- Traffic control
- Bus bays and pads

SSFM is active with the Institute of Transportation Engineering (ITE) and is knowledgeable in the design guidelines of the American Association of State Highway and Transportation Officials (AASHTO) and Manual on Uniform Traffic Control Devices (MUTCD). We have experience with various CAD and traffic data collection analysis programs in addition to traffic software packages including Highway Capacity Software (HCS), Synchro traffic signal software, SimTraffic traffic simulation software, TransCAD transportation planning software, and VISSIM multi-modal traffic simulation software.

COMPLETE STREETS CONCEPTS QUALIFICATIONS

In the past, civil engineers designed roadways primarily for the benefit of motor vehicles, with an emphasis on traffic speed and progression, under the assumption that virtually all transportation in the corridor would take place in a private motor vehicle. Any accommodation for bicycles, pedestrians, or transit users was at best an afterthought, if provided at all. In many cases, the emphasis on serving cars actually discouraged use of these "alternative" modes, by sustaining higher speeds, creating wider intersections, and not providing safe travel for bicycles, pedestrians and transit. The ambience, community cohesion, and general quality of life of our cities and towns have been compromised in many places by transportation facilities that are not sensitive to the scale and context of the surrounding area. In addition, the United States is facing an "obesity crisis" from a lack of physical activity.

Many travelers simply do not use automobiles, and therefore were not well-served by past transportation projects. The Federal Transit Administration defines "transit dependent" persons as those 1) without private transportation, 2) elderly (over age 65), 3) youths (under age 18), and 4) persons below poverty or median income levels defined by the U.S. Census Bureau. In addition, there are "zero-car" households, especially in urban core areas, that choose not to own a car for discretionary reasons.

SSFM staff recognizes communities' increasing public support for transportation facilities that serve all users, not just motorists, in the desire to improve neighborhood quality of life, attract business and tourism, reduce energy consumption, and encourage a healthier, more sustainable community. This growing support culminated in 2009 with Hawai'i Act 54, commonly called the "Complete Streets Law," which requires the State of Hawaii Department of Transportation (HDOT) and county transportation departments to adopt policies that ensure the accommodation of all users of the road, regardless of their age, ability, or preferred mode of transportation.

The concept of "complete streets" (sometimes called livable streets) promotes the idea that roadways should be designed and operated to be safe, attractive, and comfortable for travelers of all ages and abilities in all transportation modes, including pedestrians, bicyclists, motorists and public transit. Complete streets policies have demonstrated that they improve safety, lower transportation costs, provide alternatives to private cars, encourage health through walking and biking, create a sense of place, improve social interaction, and generally improve adjacent property values. In implementing a complete streets plan, SSFM addresses concerns over traffic flow and automobile access, while balancing other community needs.

SSFM has a wide variety of specific design strategies in its Complete Streets toolbox that can be incorporated into a roadway corridor. These vary from place to place, and are dependent on the specific community context, but can include:

- Pedestrian infrastructure that encourages walking with raised sidewalks

(in urban areas) or other pedestrian accommodations such as multi-use paths or separated pedestrian walkways. Pedestrian accommodations can include crosswalks (including median crossing islands, raised crosswalks, mid-block crosswalks, crosswalks with flashing lights embedded in the pavement actuated by a push button, and "HAWKs" [high-intensity activated crosswalk beacons]). Accessible pedestrian signals can include audible cues for people with low vision and push buttons reachable by wheelchair users). Sidewalk bulb-outs help to make walking safer for persons of all ages and abilities by reducing crossing distances and time. In some locations, pedestrian-only signal phases (requiring all automobile traffic to stop) may be appropriate.

- Streetscape provisions, including landscaping; street trees; wider sidewalks; decorative paving; and "street furniture" such as benches, planters, fountains, trash receptacles, and other amenities help to establish a "sense of place" that encourages walking and transit while providing public outdoor spaces for interaction and community activity.

- Traffic calming measures can promote mobility and smooth traffic progression while lowering travel speeds. Measures can include defining the edges of travelways with painted lines or colored/textured pavement, raised intersections, "road diets", use of center medians, speed humps/tables, shorter curb corner radii (requiring slower turns through an intersection), and elimination of free-flow right-turn lanes. "Neckdowns" (which reduce roadway widths near intersections), "chicanes" (adding a serpentine curve to a roadway to slow traffic), and other measures can also slow traffic while improving the appearance of the area and providing space for public amenities. Modern roundabouts, where appropriate, can improve transit progression through an intersection, while at the same time slowing speeds and ensuring safer travel for all modes. Street trees, planter strips and ground cover can all reduce the apparent visual "width" of the roadway, encouraging slower, smoother travel. Providing on-street parking (both parallel to the curb or angled, and continuous or staggered) can serve to buffer pedestrians from motorists and psychologically slow the speed of traffic while also encouraging patronage of local businesses with convenient parking.

- Bicycle accommodations can include dedicated striped bicycle lanes (often painted in a contrasting color), bike route signage, wide shoulders, or provision of a shared or dedicated bicycle travel-way as part of a multi-use path. "Sharrows" (which are painted lanes that indicate that bicycles and vehicles share a common travel lane) are successful in some communities to promote the idea that bicycles have full rights to use the roadway travel lane as a low-speed vehicle, and also serve to calm traffic. The provision of safe, protected

bicycle parking, especially covered parking, is a strong incentive for bicyclists to make trips for errands, work, and school instead of driving an automobile.

- Mass transit accommodations can encourage use of transit by making the experience safer and also improving schedule reliability. Transit measures can include shelters, signed bus stops, benches, and bus pullouts to remove buses from the flow of traffic and ensure safe and efficient boarding and disembarking. In some corridors with heavy transit patronage, "Bus Rapid Transit" concepts may even be appropriate, such as dedicated bus lanes, priority signalization for buses to jump ahead of other traffic, and even bus "stations." Many of the concepts for complete streets are also consistent with Transit-Oriented Development, which encourages development densities and land use near transit facilities that are conducive to encouraging transit use.

PUBLIC PARTICIPATION & INFORMATION QUALIFICATIONS

Public participation and the timely release of pertinent information is crucial for a major public improvement or private sector improvement involving public infrastructure since projects of this nature directly affect not only the facility users but also the surrounding businesses and residents. All of these stakeholders need to be kept fully informed, updated and involved in the process. Adequate public input and communication greatly reduces both the public's collective concerns and potential project delays due to misinformation. Many times the goal in our public participation process is to achieve higher levels of commitment toward change.

Our basic approach involves:

- Interactive Approach: Establishing and maintaining throughout the process meaningful regular and interactive contact among all of the parties.
- Work Sessions: Regular work sessions involving all of the interested parties.
- Consensus Building Process: A process that includes initial meeting with the entire decision-making group, interviews and/or focus groups, and charrettes/workshops.
- Our Principals and Project Managers have extensive experience in preparing and delivering presentations to Clients, Facility Users, Owners, and to the general public for project planning, announcements, utility outages and other potential topics of concern.

GIS AND INFORMATION TECHNOLOGY SYSTEMS EXPERIENCE & QUALIFICATIONS

SSFM provides application based GIS and information technology services with a focus on providing cost-efficient, flexible, and user-friendly desktop, enterprise, or web-based management tools. These services provide our clients with efficient management of substantial amounts of geo-based information data which allow our clients to successfully manage complex and large-scale project development and operations. We help our clients collect data and implement visualization tools which use state-of-the-art software and systems.

Representative services that SSFM provides are:

- Geographic Information Systems (GIS)
- Document and Data Asset Management
- System Integration and Web-based Enterprise Systems
- Graphic Design and Presentation Development
- 3D Rendering and Modeling
- Web Development and Hosting

SSFM works closely with clients to design and implement cost-effective spatial solutions and routinely uses GIS to capture, manage, manipulate, analyze, model and display geographically referenced data. We integrate GIS with other capabilities such as Global Positioning Systems and numerical modeling. SSFM's GIS and IT specialists will design the architecture and data schemas, integrate functional systems and deploy robust database solutions, including Oracle, MS Access, SQL and other database technologies. We will customize maps, views, user interfaces and databases to meet client needs and specifications as well as planned and developed .NET and .ASP web-based solutions for consolidated systems.

SSFM has applied GIS for:

- Land development project assignments including planning, engineering, marketing, and operations/maintenance databases
- Facilities and infrastructure planning, engineering, and operations/maintenance databases
- Database archiving and retrieval
- Document Management
- Public Outreach and Hearings
- Environmental Mitigation Compliance Tracking

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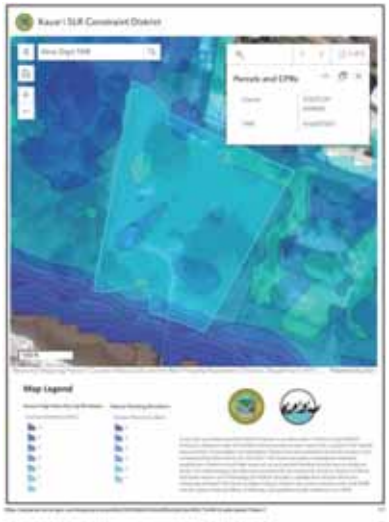
Performance Awards and Commendation Letters

SSFM International is an award winning firm, serving a wide variety of clients, and is recognized throughout the State of Hawaii and the Pacific Region for high quality project management, planning, design and engineering. We approach each project candidly and never promise more than we can deliver; we listen to our clients and look out for their best interests; and, we care about our work and believe in our product. **For SSFM, quality is an expectation.**

The following is a listing of awards and recognition that SSFM International has received from local and national organizations:

PERFORMANCE & RECOGNITION AWARDS

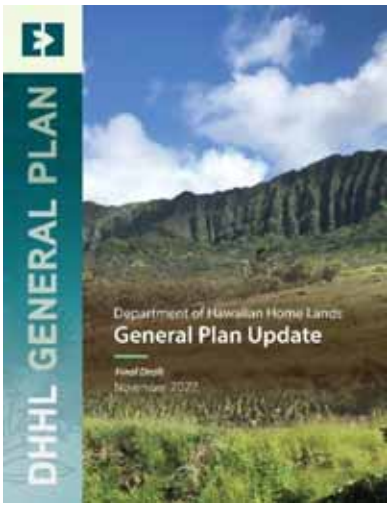


County of Kaua'i Sea Level Rise Constraint District

2024 American Planning Association, National Award for Resilience and Sustainability.

2023 American Planning Association, Hawaii Chapter, Community-Based Planning Award.

The County of Kauai adopted a new Sea Level Rise (SLR) Constraint District within its Comprehensive Zoning Ordinance to do just that, making it the first county in Hawaii and among the first in the nation to incorporate scientific modeling for climate change induced hazards into land use regulations. The Sea Level Rise Constraint District represents a proactive approach to community resilience that can be used in conjunction with shoreline setback rules and other land use regulations to minimize the threat to public health and safety, promote resilient planning and design, and reduce the expenditure of public monies for costly flood control projects necessitated by accelerating SLR.



Department of Hawaiian Home Lands General Plan Update 2020

2024 American Planning Association, Sustainable Communities Division Awards for Excellence in Sustainability.

2023 American Planning Association, Hawaii Chapter, Outstanding Planning Award.

This comprehensive, long-range plan update involved extensive outreach to Hawaiian Home Lands trust beneficiaries and incorporated many new subjects that had heretofore not been addressed by the DHHL General Plan. This General Plan Update, for the first time, incorporated the most current information on climate change in a technical background white paper that became the basis for climate change-related policies that were integrated throughout the Plan and were mutually reinforcing with policies on land use, infrastructure and other related areas.

PERFORMANCE & RECOGNITION AWARDS

North Shore Coastal Resilience Working Group

2023 American Planning Association, Hawaii Chapter, Community Based Planning Award.

In 2021, Surfrider Foundation and Hawaii Sea Grant partnered with SSFM International to convene the North Shore Community Resilience Working Group (NSCRWG). The NSCRWG was developed to discuss and identify possible solutions and address increased impacts from coastal erosion and flooding within the North Shore planning district, which includes the shoreline from Kaena Point to Velzyland. The NSCRWG represents the first community-driven coastal resilience focused working group in Hawaii. It brought together diverse public and private stakeholders to facilitate meaningful, community driven discussions about climate resilience and the future of coastal management on the North Shore through the blending of technical, regulatory and community perspectives. This effort laid important groundwork for the community to advocate for plans, policies, and solutions to increase coastal resilience and educate others in the community.

Keaukaha Quick Build
County of Hawai‘i Planning Department

September 2022, recognized by the American Planning Association, Hawaii Chapter. Community-Based Planning Award.

The project represented a State/County collaboration in a predominantly native Hawaiian community. The majority of Keaukaha is owned by the State Department of Hawaiian Home Lands, including the schools, roadways, and surrounding residences, which are predominantly Hawaiian Homesteads.

This project sought to promote complete streets principles by transforming the way public rights of way are used for the benefit, health, and enjoyment of all. To achieve this, the continuous walking and biking pathway repurposed space within the existing right of way to provide additional space for pedestrians and bicyclists.

PERFORMANCE & RECOGNITION AWARDS

Vision Zero Action Plan
County of Hawaii

October 2021, recognized by the American Planning Association, Hawaii Chapter. Transportation Planning Award.

The County of Hawai'i's Vision Zero Action Plan identifies a path for the County to achieve its goal of eliminating traffic related fatalities and serious injuries in accordance with Vision Zero, a fundamentally new approach to traffic safety that is being adopted in states and municipalities worldwide.

This Vision Zero Plan is the first to be completed and adopted in the State of Hawai'i. The plan was produced through the efforts of a multi-disciplinary Vision Zero Task Force comprised of representatives from the County and State, as well as emergency response, the health industry, and advocacy.

The Task Force used the data analysis to identify priority Vision Zero actions in four categories: Education and Encouragement, Enforcement, Engineering, and Evaluation. The actions in the Plan are organized into short-term, mid-term, and long-term priorities.

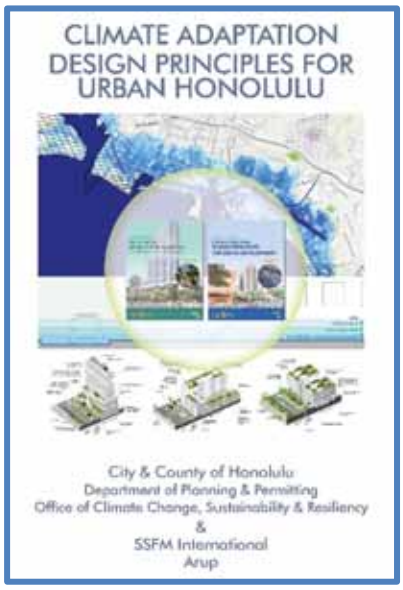
S. Kalaheo Avenue and Kailua Road Intersection Improvements, Kailua, Hawaii

October 2021, recognized by the American Planning Association, Hawaii Chapter. Implementation Award.

The intersection of Kalaheo Avenue and Kailua Road serves as the gateway to Kailua Beach Park and provides the sole vehicular access to the Lanikai neighborhood. Traffic congestion, delayed emergency response, and multimodal safety/accessibility had long been concerns. The Kalaheo Avenue and Kailua Road Intersection Improvements project was initiated by the City and County of Honolulu's Department of Transportation Services (City), under contract with SSFM International, with the goal to address operational and safety concerns at the intersection.

A "Lighter, Quicker, Cheaper" interim pilot project was implemented to reconfigure the stop-sign controlled intersection into a non-standard single-lane "triangle-about" roundabout. The success of the interim pilot project improved the community's understanding of how roundabouts work. It also enabled the City to pursue full reconstruction that will result in a more standard modern roundabout that includes geometric, drainage, and lighting enhancements to improve automobile operations while continuing to prioritize multimodal safety/accessibility.

PERFORMANCE & RECOGNITION AWARDS



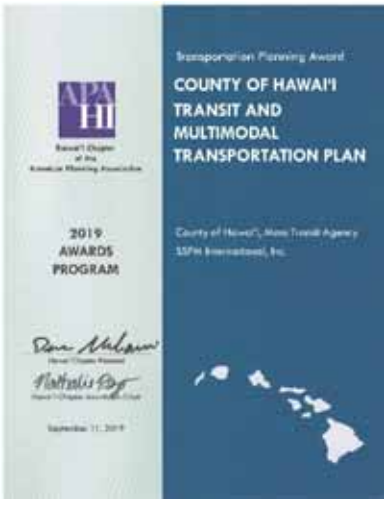
Climate Adaptation Design Principles for Urban Honolulu Honolulu, Hawaii

October 2021, recognized by the American Planning Association, Hawaii Chapter. Best Practice Award.

The objective of this project was to develop preliminary climate adaptation design guidance for development projects in Honolulu transit-oriented development (TOD) and other urban areas that are vulnerable to sea level rise (SLR). It is intended to provide developers with information and best practices for adapting urban building sites and structures to climate change-related hazards including sea level rise, flooding, heat, and groundwater inundation. This is an initial step toward developing comprehensive climate resilience design guidelines for the City and County of Honolulu ("City"), as called for in Action 14 of the O'ahu Resilience Strategy.

The Climate Adaptation Design Principles project exemplifies the proactive, forward-thinking planning approach needed for municipalities to address the significant challenges posed by climate change. With development of TOD areas along the rail corridor a City priority, DPP TOD Division and OCCSR recognized an urgent need and opportunity to ensure that the impacts of climate change are considered in new development. Guidance was also needed to inform updates to regulations, codes, and policies around built environment resilience, which can take years to implement.

The Background Research and Design Principles documents help outline a path forward for the City while also educating the public and development community about climate adaptation science and best practices. The Design Principles can also be referred to in reviewing discretionary permits for planned developments, thereby having an immediate potential effect as the City moves ahead with regulatory updates. Both documents are available for download at www.honolulu.gov/tod.



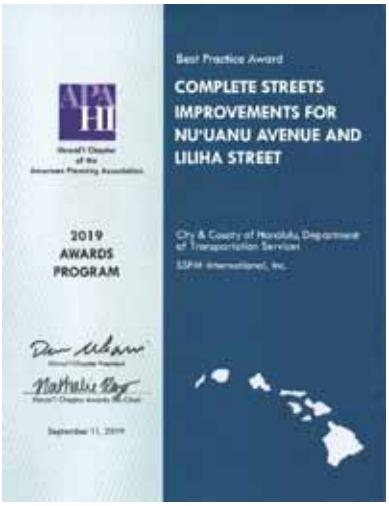
County of Hawaii, Transit and Multimodal Transportation Plan

September 2019, recognized by the American Planning Association, Hawaii Chapter. Transportation Planning Award.

The County of Hawai'i Transit and Multi-Modal Master Plan (Master Plan) presents a set of programs to provide a wider range of transportation options, reduce dependence on the automobile, and reduce the negative effects of transportation on the environment and climate change.

In the first year of implementation, the Master Plan has supported applications for federal grants to purchase buses, state and local efforts for alternative energy for transportation and a wide variety of other efforts. New buses arrive in early 2020 and they will be deployed first on the cross-island route and the Puna hub and spoke, which were top priorities in the Master Plan.

PERFORMANCE & RECOGNITION AWARDS



Complete Streets Improvements for Nuuanu Avenue and Liliha Street, Honolulu, Hawaii

September 2019, recognized by the American Planning Association, Hawaii Chapter. Best Practice Award.

The Complete Streets Improvements for Nu‘uanu Ave and Liliha St project was undertaken by the City and County of Honolulu Complete Streets Program and a consultant team from SSFM International. The project goal was to identify community-driven context sensitive complete streets solutions to enhance livability, safety, and neighborhood character along Nu‘uanu Avenue and Liliha Street.

The project team designed a context-sensitive process that combined technical analysis and educational outreach with community input led by a stakeholder advisory group.

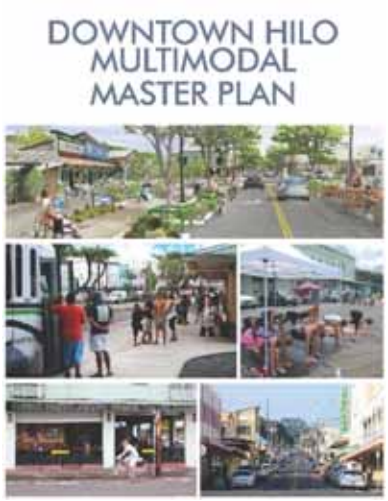
Update of the Kauai County General Plan
Island of Kaua‘i, Hawai‘i

October 2018, recognized by the American Planning Association, Hawai‘i Chapter as its *2018 Outstanding Planning Project.*

In February of 2018, the update of the Kaua‘i County General Plan was adopted by the Kaua‘i County Council, following a three year planning effort. It was signed into law by Mayor Bernard Carvalho the following month. The plan, entitled Kaua‘i Kākou, was prepared by the Kaua‘i County Planning Department, along with a consultant team led by planners from SSFM International’s Strategic Services Group.

The project team deployed an extensive community engagement program that sought widespread participation in developing a new and improved General Plan Framework consisting of a Vision statement, four overarching Goals, nineteen key Policies, 42 Objectives, and 607 Actions. The Objectives and Actions were organized into ten topical areas, or Sectors: The Watershed, Housing, Land Transportation, Critical Infrastructure, Shared Spaces, Economy, Heritage Resources, Energy Sustainability & Climate Change, Public Safety & Hazards Resiliency, and Opportunity & Health for All.

PERFORMANCE & RECOGNITION AWARDS



Downtown Hilo Multimodal Master Plan
Hilo, Hawai'i

October 2018, recognized by the American Planning Association, Hawai'i Chapter as its *2018 Transportation Planning Project.*

The Downtown Hilo Multimodal Master Plan (DHMMP) was a multi-year planning effort undertaken by the County of Hawai'i Planning Department, assisted by lead consultant SSFM International and a team of technical consultants. Hundreds of Hilo residents, organizations, and agencies were participated in the highly inclusive planning process with the collective goal of making Downtown Hilo a more vibrant, walkable and bike friendly community for people of all ages and abilities.

The DHMMP calls for complete streets improvements that elevate Downtown Hilo as a destination and gathering place through improvements that support walkability and increased transportation choices for all modes. To achieve the desired Downtown environment, the DHMMP intentionally shifts the modal priority away from the current vehicle-dominated paradigm, and adopts a new "transportation hierarchy" that prioritizes non-motorized modes (walking and biking), as well as transit, over single occupancy cars.

Hale Kula Elementary School, Classroom Building
Wahiawa, Oahu, Hawaii

January 2016, the Masonry Institute of Hawaii recognized this project as their 2015 Project of the Year.

SSFM served as the structural engineer and civil engineer for this project that included a new 8 classroom building, library, administration building, covered play court, covered dining building; custodial center and special education classroom additions; and, reroofing, painting and abatement of 40 existing classrooms. The project added 4 major buildings and numerous renovations and additions to the existing K-5 campus with 969 students.

The Architect-of-Record was Design Partners, Inc.

PERFORMANCE & RECOGNITION AWARDS

Complete Streets Designs Manual
Island of Oahu, Hawaii

On 15 October 2015, this project was recognized by the American Planning Association, Hawaii Chapter, as its *Outstanding Transportation Planning 2015 Project*. SSFM provided professional planning services for the implementation of the goals and requirements of the City & County of Honolulu's Complete Streets Ordinance.

On 10 January 2016, this project was also recognized by the American Council of Engineering Companies, Hawaii. The project received an *Engineering Excellence, Honor Award*.

The Manual identifies cost-effective opportunities to implement complete streets and recommend ways to integrate multimodal traffic engineering improvements into projects that originate outside the scope of Complete Streets.

Emergency Relocation of Keonepoko Elementary School
Pahoa, Island of Hawaii

June 2015, the Building Industry Association of Hawaii recognized this project with a Merit Award in the Public Works Category.

SSFM provided emergency management and support services for the construction and relocation of assets from Keonepoko Elementary School due to the Puu Oo Vent lava flow crossing Highway 130 and impacting Pahoa Town. The project included planning, design, and construction management services for construction of a temporary elementary school campus for 450 students at the Keaau High School Athletic Parking Lot.

Estimated construction cost: $3 million

2015 Engineering Firm of the Year
Honolulu, Hawaii

The Hawaii Chapter of the National Association of Industrial and Office Properties (NAIOP) has served as the state's leading association for the commercial real estate industry's decision-makers since 1988. This influential group of developers, owners, investors, asset managers, lenders and other industry professionals plays an active role in legislative representation, professional development and networking at both the local and national levels.

Each year, NAIOP Hawaii's Kukulu Hale Awards recognize the achievements of those who have made significant contributions to Hawaii's commercial real estate industry, enriching our community through their projects, professionalism and civic service.

On 8 May 2015, NAIOP Hawaii recognized SSFM International as its 2015 Engineering Firm of the Year during an award gala held at the Royal Hawaiian Hotel in Honolulu, Hawaii.

PERFORMANCE & RECOGNITION AWARDS

Crater Rim Drive, Hawaii Volcanoes National Park
Island of Hawaii
Contract DTFH68-06-D-00011, Task Order T-09-002

On 19 January 2014, this project was awarded a Honor Award for the 2014 Engineering Excellence Awards Competition by the American Council of Engineering Companies of Hawaii. SSFM was the Prime Consultant responsible for the rehabilitation of a 2.8 mile segment of this roadway within the Hawaii Volcanoes (HAVO) National Park. Estimated construction cost $6.4 million.

Parking Structure for the Joint Traffic Management Center and the Alapai Transit Center, Corner of Alapai and King Streets
Honolulu, Hawaii

SSFM provided overall program management services, 30% design and construction management for the 411-car Joint Traffic Management Center Parking Structure and program and construction management of the Alapai Transit Center. $24 million.

JTMC Parking Structure: Award of Excellence 2014, GCA of Hawaii; and; Award of Excellence 2013, Post-tensioning Institute of America

Alapa'i Transit Center: Award of Excellence 2014, American Institute of Architects, Honolulu Chapter

Evaluation and Update of Hawaii 2006 Ocean Resources Management Plan
Statewide, Hawaii

On 19 September 2013, this project was recognized by the American Planning Association, Hawaii Chapter, as its *Outstanding Planning 2013 Project*. SSFM provided professional planning services for the evaluation and update of The *Hawai'i Ocean Resources Management Plan* (ORMP).

The ORMP plan provides a framework for integrated coastal management that aligns the management agency jurisdictions of the federal, state and county level to support the cultural, environmental, and socio-economic needs of the State of Hawai'i.

Asian Tropical Forest Elephant Exhibit, Honolulu Zoo
Honolulu, Hawaii

In January 2013, this project was awarded the 2013 Engineering Excellence award by the American Council of Engineering Companies of Hawaii. SSFM International was the Prime Consultant for the planning and design of this new elephant habitat that was designed as a natural jungle setting to bring the elephants as close as possible to visitors for viewing while maintaining both visitor security and elephant privacy.

PERFORMANCE & RECOGNITION AWARDS

Construction Management Services
Market Street Improvements, Phase II (Kahawai Street to Mokuhau Road)
FAP No. ARR-3045(2)
Wailuku, Maui, Hawaii

This project was selected by the Hawaii Society of Professional Engineers, Maui Chapter for the 2012 Project of the Year.

SSFM Honolulu Office
LEED Gold Certification, Existing Building Operations & Maintenance (EBOM)
Honolulu, Hawaii

In January 2012, this project was recognized by the American Council of Engineering Companies of Hawaii (ACECH) for demonstrated environmental leadership in creating a sustainable office through efficient and sustainable practices. This was the 1st LEED Gold EBOM Certification in the State of Hawaii. The project also received the 2012 ASHRAE Technology Award, Honorable Mention, in the Category I for Existing Commercial Buildings.

Ka Haka ‘Ula O Ke’elikolani, College of Hawaiian Language Building, University of Hawaii at Hilo
Hilo, Hawaii

In May 2014, this project was recognized by the National Association of Industrial and Office Properties (NAIOP) with the 2014 NAIOP Kukulu Hale Award of Excellence for in the Public / Government Project Category.

In July 2010, this project was recognized by the American Institute of Architects for creativity, originality, power and potential for this 60,000 sf building on the University of Hawaii at Hilo Campus. SSFM is the Prime Consultant of the project and WCIT Architecture is the architect-of-record responsible for the design of the facility.

Hawaii Water Systems Technical Studies Program
Statewide Dam Break Analysis, Hawaii
Contract No. W9128A-05-D-0001 TO 0017

In May 2010, SSFM received an Award of Excellence from the US Army Corps of Engineers, Honolulu District in recognition of outstanding performance for the dam break analyses of the Aepo and Elua Reservoirs, Kauai, Hawaii. Work products were described as technically correct, complete, prepared in a timely manner, and responsive to the government objectives. The methodologies developed in this study are now standard for the conduct of dam break studies.

PERFORMANCE & RECOGNITION AWARDS

Context Sensitive Solutions (CSS) Process for the Keaau-Pahoa Road Improvement Project, Keaau to Pahoa
Project No. STP-13-(24)
Island of Hawaii

In November 2009, SSFM received an Honor Award from the American Council of Engineering Companies for the management of the context sensitive solutions process for this project. The CSS process promotes highly focused public outreach and continuous community involvement and, applied to this important transportation project, played a pivotal role in moving the community from a position of distrust to a position of "ownership", as residents became true stakeholders in helping ensure the ultimate success of this critical roadway improvements project.

FY08 MCON P-587, Sub Drive-In Magnetic Silencing Facility (MSF), Beckoning Point
Pearl Harbor, Hawaii.

In recognition of exceptional performance, SSFM and joint venture partner, Moffatt & Nichol, were recognized by the Naval Facilities Engineering Command, Pacific, for "…extraordinary professionalism, technical excellence and total commitment to the project that were required to expedite the completion of the final design for the Sub Drive-In MSF. This complicated project design was delivered on time and within budget despite numerous changes in scope with no schedule or budget revisions." This is an $87.6 million new submarine facility. Additional awards received include the following:

1) American Society of Civil Engineers, Hawaii Section (ASCE-H), 2011 Outstanding Civil Engineering Award in the Building/Structural Systems Project Category.
2) American Council of Engineering Companies, Hawaii (ACECH), 2012 Grand Conceptor Engineering Award.
3) Project Management Institute, Hawaii, 2011 Project of the Year, 2nd Place.
4) American Council of Engineering Companies, California (ACEC-California), 2012 Engineering Excellence Honor Award.
5) American Council of Engineering Companies (Washington DC), 2012 Engineering Excellence Honor Award (1 of 16 national awards in 2012)

PERFORMANCE & RECOGNITION AWARDS

Pedestrian Accessibility Route Improvements, Honokaa, Hawi, and Kapaau
Island of Hawaii

SSFM received the Award of Merit in the Public Design Category for this project in the 2008 Accessible Design Awards sponsored by the Disability and Communication Access Board (DCAB). SSFM was the Prime Consultant for this project for the State of Hawaii, Department of Transportation, Highways Division.

The purpose of the project was to upgrade the highway through the towns of Honokaa, Hawi and Kapaau to meet the requirements of the Americans with Disabilities Act and provide an accessible route through each of the towns.

University of Hawaii, John A. Burns School of Medicine
Kakaako, Honolulu, Hawaii

SSFM was the Structural Engineer of record for this $115 million this new medical complex under a design/assist project delivery method. The facility consists of four buildings: Research Building, Education/Administration Building, Central Plant Building and Ancillary Building. In 2006, SSFM received the Concrete Achievements, 2006 Judges Award for engineering excellence using concrete and concrete products for this project.

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Mitchell D. Roth
Mayor

Lee E. Lord
Managing Director

West Hawai'i Office
74-5044 Ane Keohokālole Hwy
Kailua-Kona, Hawai'i 96740
Phone (808) 323-4770
Fax (808) 327-3563

County of Hawai'i
PLANNING DEPARTMENT

Zendo Kern
Director

East Hawai'i Office
101 Pauahi Street, Suite 3
Hilo, Hawai'i 96720
Phone (808) 961-8288
Fax (808) 961-8742

April 22, 2021

Mr. Michael Matsumoto, President & CEO
SSFM International Inc.
501 Sumner St., Suite 620
Honolulu, HI 96817

Aloha Mr. ~~Matsumoto~~ Mike,

It is with great pleasure that I write to thank you and the SSFM team for the great work you have done for Hawaii County and in partnership with the County Planning Department. As you know, we have contracted with SSFM on numerous projects and most recently included: Downtown Hilo Multimodal Master Plan - 2018; Complete Streets Manual - 2020; and Vision Zero Action Plan - 2020.

Complete Streets, led by Melissa May of your staff, was a particularly large and complex planning project. Ms. May was an excellent project manager delivering the final product of exactly what we needed, on time and within budget. This project included significant c outreach, plus the need to traverse challenging conversations and coll departments that were not always on the same page.

Vision Zero Action Plan was a grassroots effort started with our comm the project needed further assistance in synthesizing a wide array of d safety needs across our county. Ms. May and her team were able to s available data and aid the County and stakeholders in creating action was minimal, Ms. May identified where SSFM could best support the p deliver a final action plan that met community needs and was adopte

We highly recommend SSFM for planning and engineering projects, ar to cross on various projects as we and other County agencies plan for Should you have any questions, please contact me directly at 808-961 april.surprenant@hawaiicounty.gov.

Sincerely,

April J. Surprenant
Planning Manager

Maui Metropolitan Planning Organization

200 South High Street
Wailuku, HI 96793
www.mauimpo.org

January 24, 2022

Michael Y. Packard
Complete Streets Program Administrator
SSFM International, Inc.
501 Sumner Street, Suite 602
Honolulu, Hawaii 96817

SUBJECT: Commendation for Papa Avenue Quick Build Street Art Project

Dear Michael,

Maui Metropolitan Planning Organization (MPO) commends you and the SSFM International team for creating a successful Quick Build project on Papa Avenue in Kahului, Maui. From initial project scoping to design and public engagement, your team delivered a high-quality street art project that improved safety for people walking and biking in the neighborhood.

With the support of State of Hawai'i Department of Health funds, SSFM led the Quick Build project team that included Maui MPO, County of Maui, and Hawaii Public Health Institute's Healthy Eating + Active Living (HEAL) Coalition. Their prior experience developing the Papa Avenue Complete Street Feasibility Study and other Quick Build projects statewide brought sound technical competence to the scoping and design of the street improvements. Curb bulb outs reduced crossing distance for pedestrians, buffered bike lanes improved bicyclist safety, and back in angled parking increased visibility for drivers.

Public engagement was a major component of the project's success. SSFM designed, disseminated and compiled online surveys and organized meetings with Lihikai School representatives. SSFM also coordinated with artist Matthew Agcolicol to ensure that locally relevant themes and imagery were included in the project. The street art was inspired by the area's cultural diversity, plantation history and the Lihikai Surfers.

SSFM organized volunteers from Lihikai School and the surrounding community to help paint the street mural. The school and neighbors loved how the artwork turned out and appreciated being involved in the process. SSFM provided responses to concerns about changes in traffic flows during school pick up and drop off times. They also provided the County and MPO with guidance about evaluating the project with vehicle speeds and bicyclist and pedestrian counts.

Due to the project's success, there is continued interest on Maui for more Quick Build projects and Complete Streets. Mahalo to SSFM for helping carry out this exciting Quick Build project on Maui!

Sincerely,

Lauren Armstrong, Executive Director

UNIVERSITY OF HAWAI'I AT HILO

UH Hilo Administration
Office of the Chancellor

May 5, 2010

Mr. Michael P. Matsumoto, P.E.
President
SSFM International, Inc.
501 Sumner Street, Suite 620
Honolulu, HI 96817

Dear Mr. Matsumoto:

Re: Ka Haka 'Ula O Ke'elikolani /College of Hawaiian Language Building

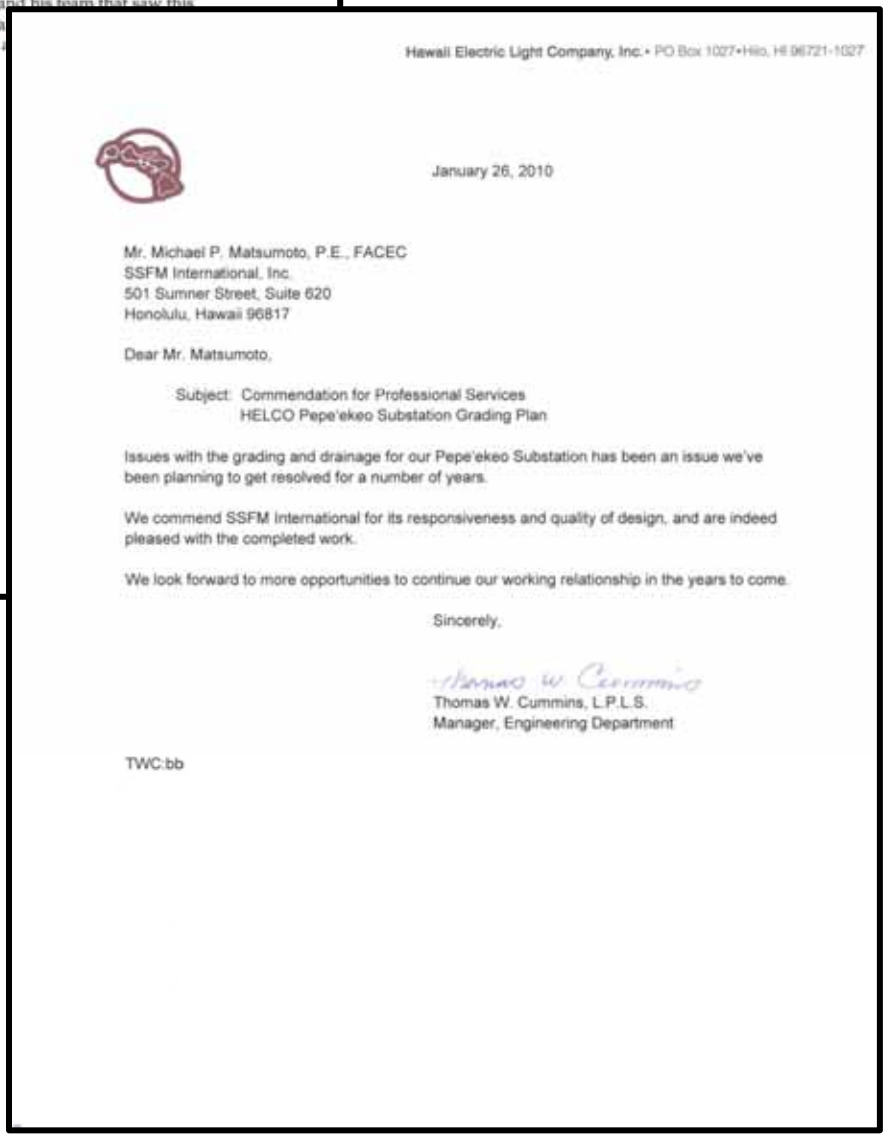
We wish to commend SSFM International, Inc. for a project well done and the special effort to assure that this special project was kept on schedule under extreme and challenging circumstances.

A special thanks to Mr. Steve Yee, your project manager and his team that saw this through. Because of these efforts, the University of Hawa
proceed with the construction of this facility on schedule
budget.

Sincerely yours,

Rose Tseng
Chancellor

200 W. Kawili Street, Hilo, Hawai'i 96720-4091
Telephone: (808) 974-7444, Facsimile: (808) 974-7622, www.uhh.hawaii.edu
An Equal Opportunity/Affirmative Action Institution



Hawaii Electric Light Company, Inc. • PO Box 1027 • Hilo, HI 96721-1027

January 26, 2010

Mr. Michael P. Matsumoto, P.E., FACEC
SSFM International, Inc.
501 Sumner Street, Suite 620
Honolulu, Hawaii 96817

Dear Mr. Matsumoto,

Subject: Commendation for Professional Services
HELCO Pepe'ekeo Substation Grading Plan

Issues with the grading and drainage for our Pepe'ekeo Substation has been an issue we've been planning to get resolved for a number of years.

We commend SSFM International for its responsiveness and quality of design, and are indeed pleased with the completed work.

We look forward to more opportunities to continue our working relationship in the years to come.

Sincerely,

Thomas W. Cummins, L.P.L.S.
Manager, Engineering Department

TWC:bb

SOLID WASTE DIVISION
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
COUNTY OF HAWAII – 108 RAILROAD AVE. – HILO, HI 96720
HILO (808) 961-8515 WAIMEA (808) 887-3018 KONA (808) 327-3507
Fax: 961-8553 887-3025 327-3506
Website: www.hawaiizerowaste.org

Michael P. Matsumoto, PE, FACEC
SSFM International, Inc.
501 Sumner Street, Suite 620
Honolulu, HI 96817

Subject: Commendation for Professional Services
East Hawaii Regional Sort Station Construction Management

Dear Mr. Matsumoto,

On behalf of the Solid Waste Division of the County of Hawai'i Department of Environmental Management I would like to express my appreciation for the high level of professional Construction Management services provided by Bill DeMent of SSFM Inte
changes involved in the progress and completion of the proje
level of professionalism. The responsive quality of service a
success. We look forward to further opportunities to work to

Best Regards,

Terin Gloor, PE

Hawai'i County is an equal opportunity provid

LINDA LINGLE
GOVERNOR

BRENNON T. MORIOKA
DIRECTOR

Deputy Directors
MICHAEL D. FORMBY
FRANCIS PAUL KEENO
BRIAN H. SEKIGUCHI
JIRO A. SUMADA

IN REPLY REFER TO:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HAWAII DISTRICT
50 MAKAALA STREET
HILO, HAWAII 96720
TELEPHONE: (808) 933-8866 • FAX: (808) 933-8869

January 25, 2010

Michael P. Matsumoto, PE, FACEC
SSFM International, Inc.
501 Sumner Street, Suite 620
Honolulu, HI 96817

Dear Mr. Matsumoto:

SUBJECT: Commendation for Professional Services
Emergency Earthquake Rockfall Repairs
Federal-Aid Project No. ER-15(19)

This is to express Hawai'i District's appreciation for the professional support received from SSFM International, Inc. on the above-referenced project. The responsive and high quality project management and professional engineering design services provided were essential for on-time delivery of an extremely fast-tracked project.

We look forward to continuing our working relationship in the years to come. Mahalo.

Very truly yours,

STANLEY M. TAMURA
Hawaii District Engineer

LINDA LINGLE
GOVERNOR

BARRY FUKUNAGA
INTERIM DIRECTOR

Deputy Director
FRANCIS PAUL KEENO
BRENNON T. MORIOKA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HAWAII DISTRICT
50 MAKAALA STREET
HILO, HAWAII 96720
TELEPHONE: (808) 933-8860 • FAX: (808) 933-8869

April 10, 2007

Mr. Michael Matsumoto
President
SSFM International, Incorporated
501 Sumner Street, Suite 620
Honolulu, HI 96817

Dear Mr. Matsumoto:

SUBJECT: PEDESTRIAN ACCESSIBILITY IMPROVEMENTS
Honokaa, Hawi & Kapaau
Project No. CMAQ-0100(62)

We would like the thank SSFM International, Incorporat
prime consultant on the subject project for the State of Hawaii, D

Throughout the design process, there were changes in DO
due to accessibility requirements, and public outreach, and SSFM
these changes to bring the project to a successful conclusion. As
this project within budget and time requirements set by the conse

We especially want to recognize and emphasize that the S
ADA Coordinator were amazed that a continuous accessibility ro
accomplished. Photographs of this project are being used by our
Training Program.

All of us at Hawaii District are looking forward to the co
with SSFM International.

Very truly yours,

STANLEY M. TAMURA
Hawaii District Engineer

LINDA LINGLE
GOVERNOR

RUSS K. SAITO
COMPTROLLER

STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1111.7

APR 30 2007

Mr. Corey Matsuoka
SSFM International
501 Sumner Street, Suite 620
Honolulu, Hawaii 96817

Dear Mr. Matsuoka:

Subject: Letter of Commendation for Leeward Homeless Shelters
Our Lady of Keaau Site
DAGS Job No. 12-33-7276

This letter is to acknowledge the high quality of work SSFM International and their subconsultants provided on the subject project, and we are especially grateful of your accommodation of an expedited schedule.

On July 6, 2006, Governor Linda Lingle signed a proclamation declaring a disaster emergency for the homeless individuals and families living on beaches, in public parks and elsewhere along the Leeward coast. This project was in response to this disaster emergency. SSFM International's rapid preparation of the site and infrastructure assessment allowed timely determination of the feasibility of constructing a homeless facility on the site.

Thank you for providing excellent service. We look forward to working with SSFM International on future projects. If you have any questions, please call me at 586-0500 or have your staff call Mr. Lance Maja of the Planning Branch at 586-0483.

Sincerely,

RALPH I. MORITA
Chief, Planning Branch

LM:vca

Innovate | Adapt | Sustain

SSFM International