

Ken K. Tatsuguchi, P.E.
Work Experience

Engineering Program Manager

State of Hawaii, Department of Transportation
Highways Division, Planning Branch
February 2008 to Present

1. Administers and directs the functions of the Highways Division Planning Branch in conformance with departmental policies and professional standards, which includes the supervision and management of the Planning Survey Section, Advance Planning Section and Systems Planning Section managers and the sectional work.
2. Coordinates and manages highway planning processes and activities; develops, revises and manages statewide and regional long- and mid-range land transportation plans, the Statewide Transportation Improvement Program, Functional Classification for the Federal-Aid and State Highway Systems; and coordinates and manages highway planning funding programs.
3. Directs the statewide traffic data collection program, statewide Geographic Information System (GIS), Coordinated Data System (CDS) to support the highway planning and engineering efforts, and federal reporting requirements.
4. Coordinates and manages planning route and feasibility studies, and preliminary engineering and environmental studies.
5. Coordinates the divisional urban and rural land transportation planning processes that includes the coordination and consideration with other state and county agencies, and the public, community and transportation stakeholders. Attended, facilitated and spoke at public and stakeholder meetings pertaining to project and program efforts for the Planning Branch.
6. Coordinates and manages the divisional review of land use change proposals.
7. Coordinates and directs the services performed by contract services for program planning and project planning efforts in the branch.
8. Responsible for the coordinating and providing recommendations on legislative bills related to Highway Planning.
9. Performed as technical support for the Division and Department on land transportation planning policies, processes, and programs. Performed the coordination of planning policies, programs and plans with the Statewide Transportation Planning Office, Airports Division, Harbors Division, Highways Division, and Oahu Metropolitan Planning Office. Also, coordinates with the City and counties planning and public works departments.
10. Developed and coordinated the Highways Division Modernization Plan and Bill for the 2009 legislature session. The plan proposal was a comprehensive statewide

planning program to improve land transportation safety and mobility over a period of six-years.

11. Performed as the Highways Division Administrator for the Highways Division on temporary assignment.

Planner VII

State of Hawaii, Department of Transportation
Highways Division, Planning Branch, Systems Planning Section
October 2006 to February 2008

1. Responsible for the coordination of the Highways Division planning programs for the assessment and providing recommendations on the long-term and mid-term land transportation needs and priorities.
2. Responsible for the Departmental compliance for the planning requirements of USDOT FHWA and HRS. Responsible for the coordination and management of the successful removal of the FHWA and FTA planning review sanction in 2007.
3. Responsible for the development and implementation of the Long-Range Transportation Plan and State Highway Systems Plan.
4. Responsible for the program coordination and recommended review on land use impacts on the State Highways System, including district changes, zone changes, subdivision amendments and access. Including the development and implementation of Traffic Impact Assessment Report and review policy, standards and practices related to the Highways review of land use impacts. Increased output of this program five-fold by the implementation of new procedures and a new land-use database and filing system.
5. Responsible for the development, update and implementation of the Statewide Transportation Improvement Program (STIP), State Highways Highway Systems, Federal-Aid Highway Systems and State Highway Functional Classification Systems.
6. Responsible for the coordinating and providing recommendations on legislative bills related to Highway Planning.
7. Ensures that the 3C (coordination, comprehensive and continuing) planning components are complied with related to federal and statutory requirements. Coordination requires federal, other State and City/County agencies, stakeholders, and public consideration which also include their plans, programs and data. Comprehensive includes technical, social, economic and environmental assessments.
8. Responsible for specific programs and projects in the areas of Innovative Finance, Scenic Byways, Transportation Enhancement, Impact Fees, Title VI/EJ, public involvement, and access management.

9. Coordinates and prioritizes the Highways Division recommendations and projects in the Oahu Metropolitan Planning Organization (OMPO) process.
10. Coordinates State Planning and Research (SPR) Program Planning Work Items for the Highways Planning Branch.
11. Supervises, directs and manages subordinate staff.
12. Performed as the Highways Planning Branch Manager for the Highways Planning Branch on temporary assignment.

Engineer (Civil) VI

State of Hawaii, Department of Transportation
Statewide Transportation Planning Office, Programming
July 2001 to September 2006

1. In responsible charge of the State of Hawaii's Federal Transit Administration (FTA) program under the direct control of the Department's officially designated FTA Administrator. Responsibilities include the development of recommendations regarding overall strategic planning and direction of the State's transit program and other related policy planning issues. Duties include establishment and implementation of overall statewide transit program work plans, priorities, program analyses, budgetary controls, policies, procedures, and interagency coordination for the FTA Non-urban Transit, Elderly and Persons with Disabilities, Statewide and Metropolitan Transit Capital, and Discretionary Transit Capital programs. Responsible for ensuring that the State of Hawaii's FTA Program is developed and implemented consistent with Federal, State and Departmental policies and statutes including grant administration and management, recipient applications and oversight, civil rights, environmental, scheduling, funding, financing, invoicing, reimbursement, and record keeping.
2. Responsible for the development of strategic planning and programming recommendations to ensure the efficient and effective management and administration of various transportation planning programs, including the Statewide Transportation Improvement Program, the Statewide Planning and Research Program, the Transportation Improvement Program, and the Overall Work Program. Provides program management oversight to optimize the effective use of limited Federal and State funds in meeting current and future statewide transportation needs. Provides planning and engineering review, analyses, and recommendations to address conflicts, issues, and opportunities in transportation project, programs, and processes. Provides and coordinates consistency and compliance with Federal and State policies and procedures related to recipient use of FTA and FHWA program funds.

3. Responsible for the direct communication and coordination of transit program and planning policies, procedures, and activities with and between the Federal Transit Administration; Transit Administrator for the Counties of Hawaii, Maui, and Kauai; staff with transit program responsibilities from the City and County of Honolulu, and other stakeholders with transit interests. Duties also included the direct coordination and communication of transit program issues and activities with the local staff office of Hawaii's Congressional delegation, State Legislators, Executive Office of the State of Hawaii, other State agencies.
4. Administers the FTA 5310 program that provides federal grants to non-profit organizations for the direct transportation benefit of elderly and disabled. The program must be conducted in accordance to the FTA planning required processes and requirements. Responsibilities include overall program development and administration to ensure the effective, efficient, and equitable distribution and application of federal transit funds to maximize overall benefits to the elderly and disabled. Duties include direct communication and coordination with multiple non-profit, governmental, and quasi-governmental agencies seeking federal funds to support their elderly and disabled social programs. Grant application process responsibilities include the review of applicants mission, vision, and overall program effectiveness in providing benefit to the elderly and handicapped. Grant administration duties include the on-site investigation, review of the operation and maintenance of vehicles and equipment purchased through the program as well as assessing and reviewing the performance and program effectiveness in benefiting the elderly and disabled, and develop and implement contracts for the purchase and delivery of vehicles and equipment.
5. Project Manager responsible for developing the framework and implementation plan for the Department's Statewide Commercial Vehicle Information Systems and Networks (CVISN) through a cooperative working relationship with the local office of the Federal Motor Carrier Safety Administration (FMCSA) and their technical consultant. Developed and implemented a strategic plan that brought together multiple governmental agencies, transportation carriers, and other stakeholders in an effort to develop a coordinated, comprehensive, and cooperative program that would utilize information, communication, sensor, and control technologies to achieve improved level of transportation performance statewide. Conducted extensive cooperative discussions through which information, technical data, requirements, operating protocols, and concerns were exchanged between multiple federal, state, and county agencies; transportation providers; and other transportation stakeholders.
6. Project Manager responsible for the development of the County Technical Transit Planning Study, a Statewide rural transit planning needs assessment study. Project entailed the collection of various transit related information including census information, existing transit system data, demographic information, household income, and other socio-economic data. Project is the first step in the development of a comprehensive County-wide rural transit plan to identify public transit needs, identify disadvantaged and elderly by location for special needs service, and to ensure compliance with federal Title VI and Environmental Justice requirements.

7. Project Manager responsible for redirecting and completing the Cambridge Public Transportation Management Study – Infrastructure Program. Provided major redirection and guidance on project that resulted in the creation of, among other things, a database of existing Federal Transit Administration investments statewide.
8. Responsible for the removal of the FTA State Management Review corrective actions findings due to the non-compliance with FTA requirements by the improved planning, management and knowledge of the FTA programs.
9. Served as point of contact and technical resource to the County of Maui, Department of Transportation (MDOT) on various transit and related transportation planning matters. Provided technical support and recommendations to the County of Maui in the establishment of their newly created Department of Transportation. Provided guidance and assistance in the development of their departmental Vision, Mission, and overall direction. Provided technical support to the MDOT in their development of the Maui County Transit Plan. Assisted with development of overall scope-of-work for this major transit planning study, reviewed draft documents and provided technical review comments and recommendations, and assisted MDOT in developing plan to ensure successful implementation of overall project goals and objectives. Provide technical assistance and support to MDOT in the development of their ADA Plan.
10. Served as point of contact and technical resource to the County of Hawaii, Mass Transportation Agency (MTA) on various transit and related transportation planning matters. Provided technical support to the MTA in their development of the Hawaii County Para-Transit plan that identified rural transit needs, developed an optimization plan for the existing resources, provided direction and guidance for system expansion, and aided in properly redirecting resource to meet federally required elderly and disadvantages transit services. Assisted with development of overall scope-of-work for this major transit planning study, reviewed draft documents and provided technical review comments and recommendations, and assisted MTA with directing work of consultants to ensure successful completion of overall project.
11. Served as Departmental representative on Planning Team for Executive Office of Aging in the development of their Four Year Strategic Policy Plan. Plan is part of the federally required Older Americans Act with the objective to formulate a plan for the effective and efficient distribution of resource Statewide to meet the needs of the elderly. Successful development and implementation of the plan will ensure the optimized use of existing and future resources.
12. In 2003, designated by the head of the Statewide Transportation Planning Office as the lead on Harbor's Division planning activities to ensure the cooperative, comprehensive, and continuing coordination of intermodal and multimodal transportation planning projects, programs, and activities. Activities included the assistance and support in reviewing and analyzing of the potential resource, investment, financial, and economic impact a proposed inter-island ferry operation would have on existing harbor facilities statewide.

13. Responsible for the civil rights compliance areas ADA, DBE, EEO, Title VI/EJ for the Departmental FTA Program. Develops, manages, investigates and mitigates FTA Civil Rights consistency and noncompliance with the Departmental FTA Civil Rights program.
14. Closed over fifteen FTA grants which have been inactive over ten years which provided over an additional \$1.5 million of inactive federal transit funds to the State. Planned, programmed and obligated over \$75 million of FTA funds for the State. Worked with Hawaii's Congressional Delegation to secure FTA earmark funding for the county transit programs.
15. Supervises, directs and manages subordinate staff involving program projects and processes.
16. Performed as the Statewide Transportation Planning Manager for the Statewide Transportation Planning Office on temporary assignment.

Engineer (Civil) V

State of Hawaii, Department of Transportation
Highways Division, Design Branch, Design Section
January 1998 to July 2001

1. Supervises, manages, directs and assigns roadway design projects; and trains subordinate engineers with the preparation and completion of roadway design project plans, specifications, estimates, environmental, historical and civil rights requirements and policies.
2. Applies and evaluates roadway and highway design policy, requirements and processes to the project development program.
3. Directs and facilitates meetings for project development and mitigation.
4. Attends and speaks at public meetings providing technical roadway design information.
5. Reviews and provides technical roadway design recommendations on development and permits plans.
6. Acquire and manage Federal and State funds for assigned roadway design projects in the areas of design, construction, consultant contracts, rights-of-way, environmental and utilities.
7. Performs administratively assignments, such as update RRR Design Policy, develop utility cost sharing procedures, develop Base Plan Master Plan policy and procedures, develop and implement modified bid procedures to include DBE

Subcontractors, and perform as the specifications coordinator for the Design Section.

8. Performed as the design project manager for the Waimea Bay Rockfall (Oahu) and Kau Flood (Hawaii) emergency roadway projects. This design phase work included the coordination and development of plans, specifications and estimates; compliance with federal and State environmental and civil rights requirements; utility agreements; and implementation of the design during the construction phase.
9. Temporarily be assigned as the Engineer (Civil) VI when the Engineer (Civil) is not available.

Engineer (Civil) IV

State of Hawaii, Department of Transportation
Highways Division, Design Branch, Design Section
1995 to 1998

1. Duties and responsibilities of Engineer (Civil) III.
2. Supervises, manages, and coordinates the systematic completion of plans, specifications, estimates, environmental reports and permits for roadway design projects; schedules the work of subordinates; provides on-the-job-training for subordinates.
3. Applies roadway design policy, processes, and requirements to project development program.
4. Applies Federal and State environmental, historical, and civil rights policies and requirements to roadway design projects.
5. Train Engineers (Civil) III, II, I on project management and engineering related requirements and process in the project development phase.
6. Temporarily be assigned as the Engineer (Civil) V when the Engineer (Civil) V is not available.

Engineer (Civil) III, II, I

State of Hawaii, Department of Transportation
Highways Division, Design Branch, Design Section
1988 to 1994

1. Prepares and develops roadway geometrics, detailed roadway plans, quantity and cost estimates, and specifications for projects in accordance to State and Federal roadway policies and requirements.

2. Prepares and develops technical environmental, historical, and civil rights reports, permits and clearances related to roadway design projects.
3. Assists in the technical coordination and development of roadway design projects with Design Branch Sections; District Offices; Branches; Federal, State and City/County agencies; Consultants; and Utility agencies.
4. Assists in the technical coordination and development of roadway design projects with the technical areas of drainage; structural; pavement; traffic; rights-of-way; surveying and mapping; utilities; roadway planning, construction, maintenance; and funding.
5. Processes, reviews, evaluate, and recommends award of contract for roadway design projects for construction; and coordinates roadway design projects for construction with the District Construction Offices.
6. Maintains roadway design project files and records.
7. Assists in the training and supervision of lower level engineers.
8. Reviews roadway plans, specifications, estimates and coordinates the processing of construction bids for projects designed by District Offices, County agencies, and consultants.