



# Netai Basu, AICP CTP

Associate

## About

Mr. Basu has 23 years of experience in transportation planning including 17 years with Fehr & Peers. He has participated in and managed a broad range of traffic and parking studies for public and private clients in many parts of Southern California and in Hawaii. He has prepared numerous consulting reports including traffic impact studies in support of environmental documents, parking studies, master plan studies, operational studies and special event plans. He has prepared numerous traffic impact studies for commercial, industrial, residential, and mixed-use developments and public facilities in many parts of Southern California, including the San Pedro Waterfront at the Port of Los Angeles, several community college master plan projects, numerous development projects in Santa Monica, and two new communities in Hawaii. As part of these studies, he supervised the preparation of visual simulations. He has conducted master plan studies for major public and private projects, and prepared traffic and parking management plans for special events. He has conducted parking studies for downtown Santa Monica and the Santa Monica Civic Center, Caltech, and several hospitals, community colleges and a park & ride facility. Mr. Basu's clients have called him "very smart and precise and deliberate" as well as praised his superior service and high quality reports.

## Education

Master of Urban and Regional Planning, San José State University, San José, California 1994  
Bachelor of Arts in History, Oberlin College, Oberlin, Ohio 1985

## Affiliations

American Planning Association (APA)  
Association of Environmental Professionals (AEP)

## Professional Registration

American Institute of Certified Planners (AICP) (013655)  
AICP Certified Transportation Planner (CTP)

## Project Experience

### **Waikapu Country Town TIAR**

Mr. Basu managed Fehr & Peers' transportation impact analysis report (TIAR) for the proposed development of a new mixed-use community in Central Maui. The project consisted of approximately 1,400 single-family and multi-family residences, 200,000 square feet of retail/commercial space, and civic uses including a new elementary school and numerous parks. An initial task was to review the plan and advise on the multi-modal transportation network in the overall project. Impact analysis was conducted for an initial phase and for full build-out. Mitigation measures were developed to improve the level of service at each impacted location. In the course of the study, we obtained the current County-wide travel demand forecasting model from HDOT and added substantial network and land use detail in the project area. We worked closely with staff at the County of Maui and the HDOT during the pre-consultation phase of the EIS to solicit agency input.

### **Kihei High School Mobility and Design Support**

Fehr & Peers is providing mobility support services for a planned new high school in Kihei on the island of Maui. We are assisting with selected transportation studies to



EXHIBIT "28"

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address community concerns and conditions of approval for the proposed project. These include the conceptual design and operational feasibility of a 2-lane roundabout at the Pi'ilani Highway/Kulanihako'i Street intersection, and a pedestrian overcrossing or undercrossing traversing the highway near this intersection. The results of these studies will supplement information in the TIAR prepared by another firm. Fehr & Peers is helping the team coordinate with Hawaii DOT on signal warrant issues to make sure that identified concerns are addressed. We completed the pedestrian routes study. Fehr & Peers is assisting the team with details of the intersection and roadway design including the number of travel lanes, turn pocket lengths, lane alignment, multimodal improvements. Mr. Basu is PM.

### **EIS for the Villages at Leilali'i, Lahaina, Maui**

Mr. Basu was the PM for the transportation impact analysis report as part of the Environmental Impact Statement (EIS) for the proposed Villages of Leilali'i mixed-use development on Maui. Two phases of three distinct alternative development concepts were analyzed for proposed project, which is near Lahaina in West Maui. The most intense development concept includes approximately 2,600 dwelling units, approximately 1.5 million square feet of office, retail, and industrial space, and supporting elementary schools and park space. The analysis included an evaluation of the potential traffic impacts, as well as the effect on bicycle, pedestrian, and transit operations in the study area. The analysis included 10 intersections and seven roadway segments and evaluated the benefits of the future Lahaina Bypass. Specific recommendations were made regarding the design of the proposed internal street network to ensure adequate circulation within the site.

### **Ane Keohokalole Highway Extension**

As part of an Environmental Assessment prepared under NEPA, Mr. Basu managed the preparation of a traffic analysis of the potential impacts and benefits of the Ane Keohokalole Highway extension (also known as the Mid-Level Road and the Henry Street extension) in the Kailua-Kona area of the Big Island of Hawaii. This project was one of several major infrastructure improvements planned as part of the County of Hawaii's long-term plan for circulation improvements in the area. Because it consisted of the construction of a new roadway segment rather than a typical development project, its effect would be to shift

(not to generate) traffic. The potential traffic effects of these shifts were assessed, based on a comparison of the forecasts for the Project and the No-Project alternative. The results were used by the team to plan connections along the new roadway. Fehr & Peers assisted in the documentation required by the FHWA to determine the appropriate functional classification of the Ane Keohokalole Highway (Route 1880) as a Rural Major Collector. This project was the largest single federal stimulus project in Hawaii.

### **Traffic Study for the Kula Nei Residential Development**

As project manager, Mr. Basu conducted a traffic study to evaluate potential traffic impacts associated with the proposed residential development in the Kalaoa area of North Kona on the island of Hawaii. The project would also construct one of the new roadway connections planned by the County to improve circulation in the vicinity. Future traffic projections included both anticipated growth in traffic and shifts that would occur with the implementation of the planned improvements to the surrounding roadways. Mitigation measures were developed for the identified cumulative traffic impacts and the project's fair share contribution to those mitigations was calculated.

### **Keohuolu Affordable Housing Master Plan Project**

Mr. Basu assisted with the site planning for a 272-acre affordable housing project at the northern edge of Kailua-Kona on the Big Island of Hawaii and oversaw the preparation of a traffic impact study in support of the EIS.

### **Olive View-UCLA Medical Center Master Plan EIR**

Mr. Basu is managing the preparation of a traffic impact analysis report for the long-term redevelopment and improvement of the Olive View-UCLA Medical Center in the Sylmar community of Los Angeles. The program of medical center improvements includes expanded facilities for inpatient and outpatient services, administration and research & development. A community center and improvements to existing trails and landscaping would also be included. Long-term improvements include a replacement hospital. Fehr & Peers worked closely with the master plan team and County staff to ascertain the extent of existing uses to provide baseline information for this study. Coordination with the City of Los Angeles and Caltrans was necessary to ensure that the study addressed the range of transportation issues in the area.

