



December 9, 2022

Ms. Jeanne Acutanza,
Technical Committee Chair
ITE Western District

Subject: Proposal for ITE Western District 2023 Data Collection Projects

Dear Ms. Acutanza,

Enclosed is the Institute of Transportation Engineers at the University of Hawai'i at Mānoa (ITE at UH Mānoa) proposal for the ITE Western District 2023 Data Collection Projects. Our proposal consists of collecting trip generation and parking demand data at Hale Pawa'a, a Medical Care Center located in Honolulu, Hawai'i and corresponds with ITE Land Use 720 Medical-Dental Office Building.

The proposal contains the scope of service, mentoring for this project, a proposed schedule, the anticipated level of effort in person-hours to complete the project, project management information, and agreement to hold harmless is also included as requested.

ITE at UH Mānoa is appreciative of this opportunity and confident to perform the data collection and prepare a report summary in a consistent and high-quality manner upon selection this year.

Should you have any questions, please contact me by email at elorica@hawaii.edu or cell at 808-469-6322.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Lorica".

Eric Jonah Lorica
President

ITE Student Chapter at the University of Hawai'i

Data Collection Proposal Scope

The proposed site from the ITE Student Chapter at the University of Hawai'i (ITE at UH Mānoa) for the 2023 ITE Western Data Collection Fund is Hale Pawa'a. Hale Pawa'a is a Medical Care Center located in Honolulu, Hawai'i. Hale Pawa'a is a nine-story, 127,268 square feet (sf) medical office building featuring specialty clinics, office spaces, diagnostic imaging, diagnostic laboratory and pharmacy space. The adjacent eight-story, 161,900 sf parking structure houses 400 parking stalls (see Figure 1).

Figure 1: Location Map



Data collection of trips, vehicle occupancy, and parked vehicles will be conducted through manual counts. In addition, bicycles and pedestrians will be counted when entering and exiting the facility. Data will be collected at the site over a span of a month. Two weekday counts and one weekend count will be performed. Data collection will occur from 7:00 AM to 7:00 PM for a 12 consecutive hour span. Data Collection will be collected by members of ITE at UH Mānoa and students from CEE 462 Traffic Engineering, with class credit to be awarded to CEE 462 students participating in the data collection project at the proposed site. Data for trip generation and parking will be collected according to ITE's Trip Generation Manual, 10th Edition.

Mentoring

Jennylyn Tapat and Cathy Leong, traffic engineers at Wilson Okamoto Corporation, will serve as the mentors for ITE at UH Mānoa's Data Collection project providing oversight and assistance in the data collection project. Dr. Roger Chen is the faculty advisor for ITE at UH Mānoa and will also provide additional assistance throughout the data collection project.

Schedule

The following schedule shows the expected deadlines for submission of materials

Schedule of Tasks

Data Collection

Submittal of Draft Report, Summary Table, and Data Form

Dates

February 1-28, 2022

March 10, 2022

Submittal of Final Report, Summary Table, and Data Form
Upload of data to the ITE Online Data Portal

April 7, 2022
April 21, 2022

Level of Effort

The total level of effort for this study is expected to be 80 person hours. The ITE Student Chapter Data Collection Committee will consist of students from CEE 462 Traffic Engineering Class and ITE Student Chapter Members. Each student would spend on average 2 hours on the data collection effort for approximately 60 person hours. In addition, members of the student chapter Data Collection Committee will commit 20 person hours on the Data Processing and Report Preparation. Summarized in Table 1 is the level of effort broken down.

Table 1: Level of Effort

Task	People Involved	Person-Hours
Data Collection	ITE Student Chapter Data Collection Committee	60
Data Processing	ITE Student Chapter Data Collection Committee	10
Report Preparation	ITE Student Chapter Data Collection Coordinators	10
TOTAL		80

Project Management

Student Coordinator

Eric Jonah Lorica

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Mentors

Jennylyn Tapat, P.E.
Cathy Leong, P.E.

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Faculty Member

Roger B. Chen, PhD

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Agreement to Hold Harmless

The ITE Student Chapter at the University of Hawai'i at Mānoa holds harmless and indemnifies the ITE Western District from any and all liability associated with the conduct and completion of this proposal, data collection and associated activity.