

Draft Environmental Assessment

PROPOSED IMPROVEMENTS TO QUEEN KA'AHUMANU SHOPPING CENTER BUS TRANSFER CENTER KAHULUI, MAUI, HAWAII (TMK (2) 3-7-002:020 (POR.))

Prepared for:

**County of Maui,
Department of Transportation**

October 2009

Approving Agency:

**County of Maui,
Department of Transportation**

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I. PROJECT OVERVIEW

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A. PROJECT LOCATION, BACKGROUND, AND LAND OWNERSHIP

The County of Maui, Department of Transportation (DOT, Applicant) operates its “Maui Bus” services on the island of Maui. The public bus system, which was established in 2006, provides service in and between various Central, South, West, Haiku, and Upcountry Maui communities. The Maui Bus public transit service consists of twelve (12) bus routes, operated by Roberts Hawai`i, and funded by the County of Maui. All routes are operated seven (7) days a week, including holidays. There are currently 143 designated bus stops in Maui County. The main hub of the system is located at the Queen Ka`ahumanu Shopping Center.

The County of Maui has initiated its Maui County Bus Stop Project, which encompasses the construction of bus stops to service the Maui Bus along the County of Maui roadways throughout the island. Through this project, the County of Maui is seeking to improve the safety, accessibility, comfort and convenience of bus stop locations on Maui. A part of the Maui County Bus Stop Project is the proposed improvements to the existing bus transfer center at the Queen Ka`ahumanu Shopping Center in Kahului, Maui. See **Figure 1**.

Under an agreement with the Queen Ka`ahumanu Shopping Center, the County of Maui, Department of Transportation operates its bus transfer center at the Queen Ka`ahumanu Shopping Center on a portion of private property identified as TMK (2) 3-7-002:020 (Parcel 20). See **Figure 2**. Access to the shopping center is provided via Ka`ahumanu Avenue, Wakea Avenue, and Kane Street. However, the buses access the site from only Wakea Avenue (via Kea Street), and the shopping center’s driveway across from Onehee Street. The existing bus transfer center is located on the western portion of the shopping center, near the shopping center’s existing four (4) story parking structure and retail outlets Macy’s Mens and Sew Special.

Parcel 20 is owned by QKC Maui Owner, LLC. Parcel 20 is County zoned “M-2, Heavy Industrial”, designated “Urban” by the State Land Use Commission, and designated “B, Business/Commercial” and “HI, Heavy Industrial” by the Wailuku-Kahului Community Plan.

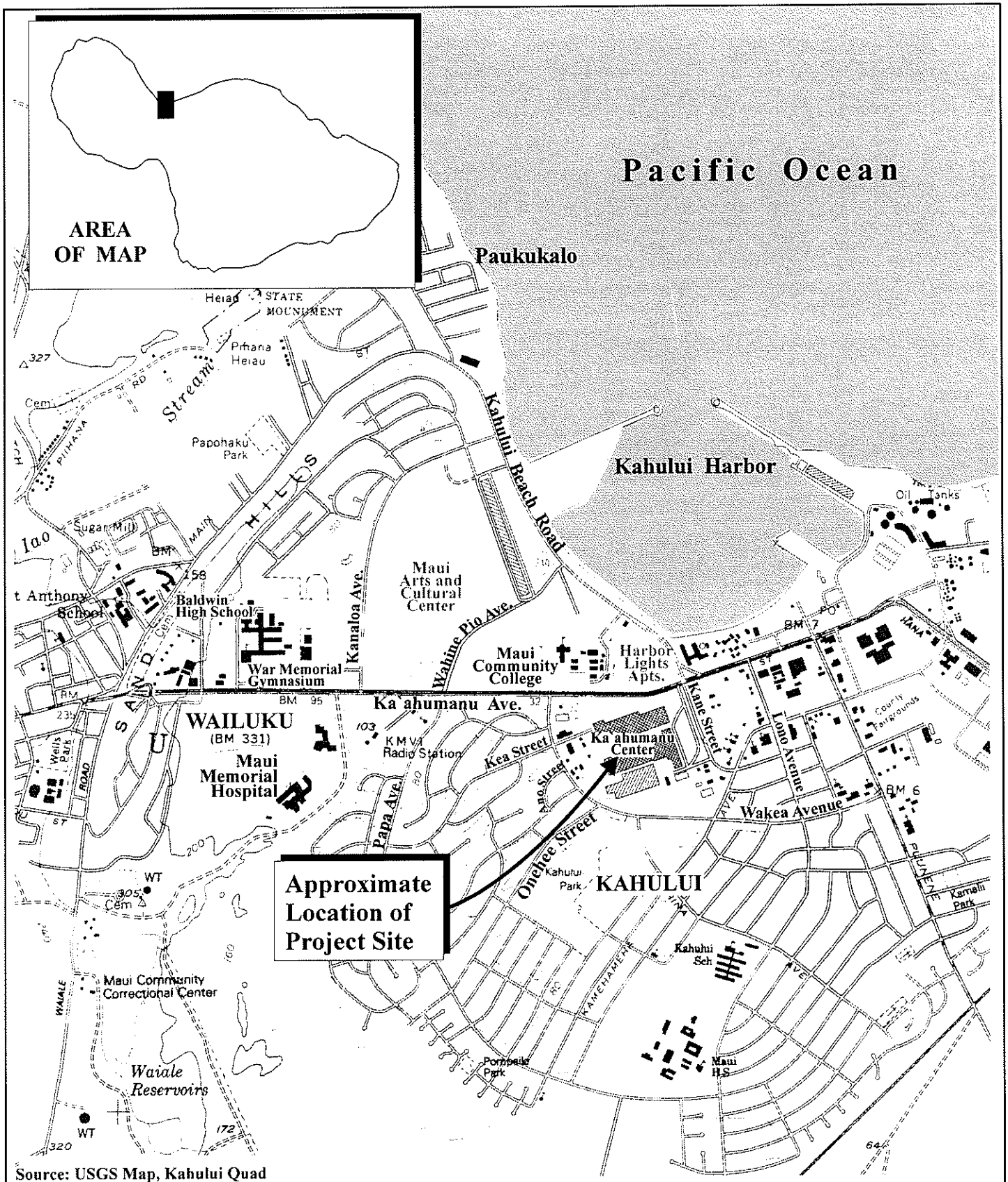
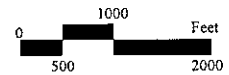
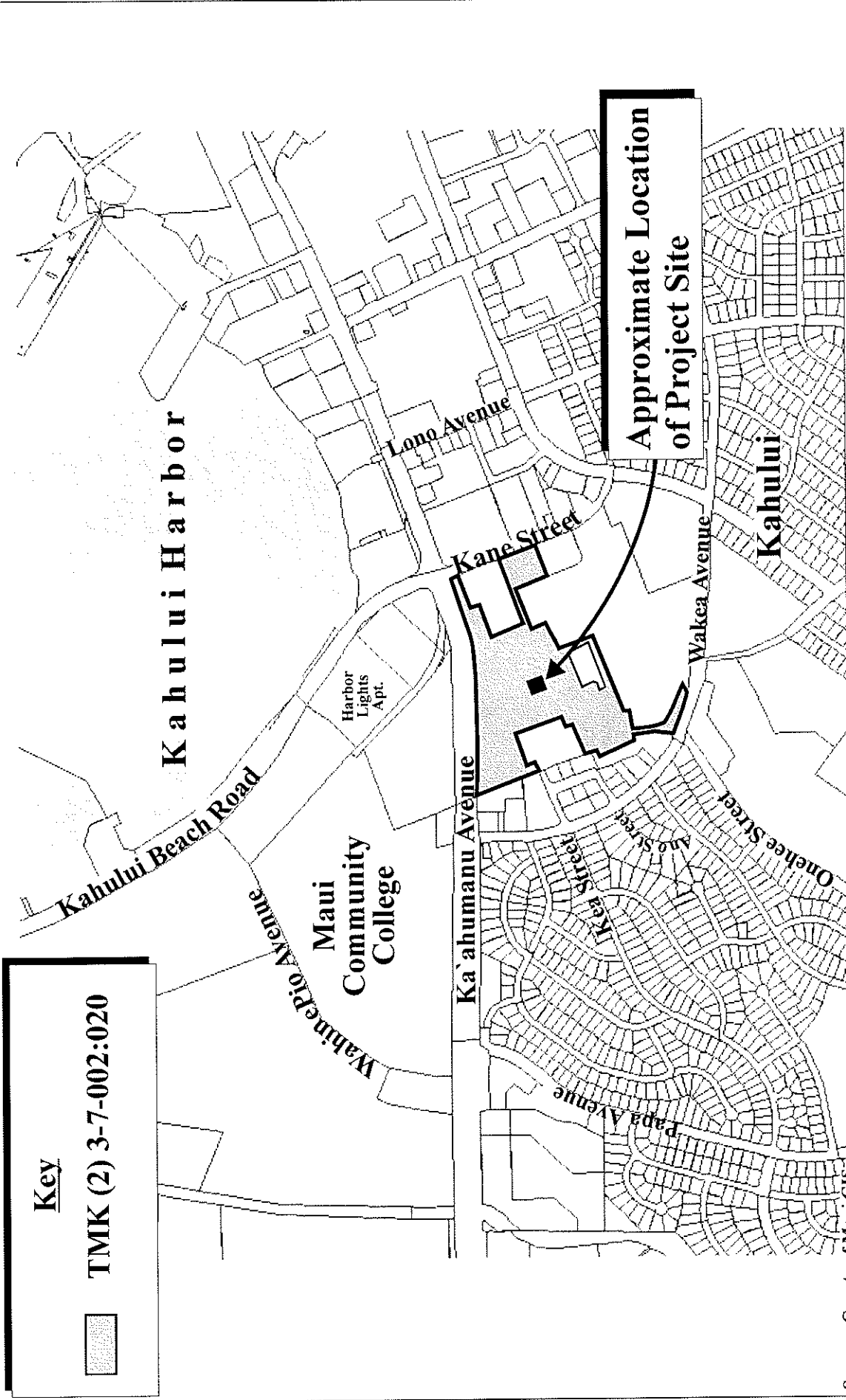


Figure 1 Proposed Improvements to Queen Ka'ahumanu Shopping Center Bus Transfer Center Regional Location Map





Source: County of Maui GIS

Figure 2

Proposed Improvements to Queen
 Ka'ahumanu Shopping Center Bus Transfer Center
 Project Location Map

NOT TO SCALE



Prepared for: County of Maui, Department of Transportation



MUNEKIYO & HIRAGA, INC.
 RFE:MauiBusStopQK\ProjectLocation

B. PROPOSED ACTION AND NEED

Since its establishment in 2006, the Maui Bus has experienced rapid growth in ridership. As ridership increases, there is a greater need to improve the accessibility, safety, comfort and convenience of each bus stop. Existing improvements at the bus transfer center are limited to benches for customers and a paved area to accommodate five (5) buses stopping at the site.

The County of Maui, DOT proposes to improve the existing Queen Ka`ahumanu Shopping Center transfer center as part of their Maui County Bus Stop Project. Proposed improvements include the installation of fifteen (15) new bus shelters with seating and lighting, a surveillance system, trash and recycle bins, bike racks, curbs, sidewalks, asphalt work, concrete bollards, re-stripping/markings, landscaping, as well as provision of a larger ramp to accommodate bus patrons. The new bus transfer center will be able to accommodate a total of five (5) buses at one time. In order to accommodate the proposed improvements, a total of eight (8) parking stalls will be deleted from the shopping center's parking plan. See **Figure 3**. Presently, the DOT does not anticipate any changes to routing and scheduling of buses utilizing the bus transfer center in the near future. However, in the long term the DOT wishes to secure additional routes as passenger ridership is anticipated to increase. This, however, is largely determined by funding and is not likely to occur in the near to mid-term time horizon.

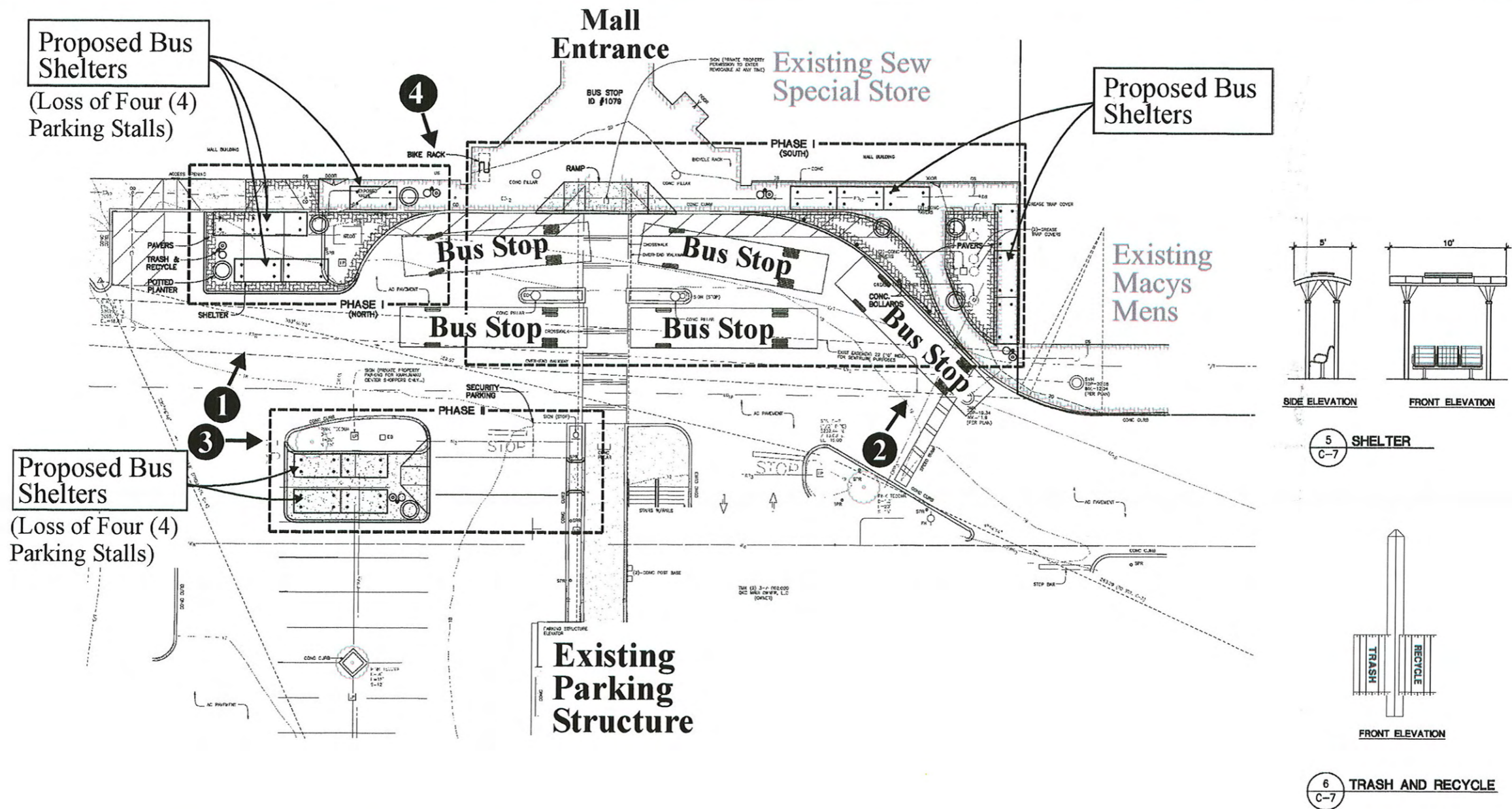
C. REGULATORY CONTEXT

1. Chapter 343, Hawai'i Revised Statutes

The proposed project will involve the commitment of County funds which is a trigger to Chapter 343, Hawai'i Revised Statutes. As such, an Environmental Assessment (EA) is being prepared pursuant to Chapter 200 of Title 11, Department of Health Administrative Rules, Environmental Impact Statement Rules. Accordingly, this document addresses the project's technical characteristics, environmental impacts and alternatives, and advances findings and conclusions relative to the significance of the proposed action. The County of Maui, DOT will serve as the approving agency for the EA.

2. Special Management Area

The subject property is located within the limits of the County of Maui's Special Management Area (SMA). Accordingly, an application for a SMA Use Permit is



1 PHOTOGRAPH



2 PHOTOGRAPH



3 PHOTOGRAPH



4 PHOTOGRAPH

Source: Ronald M. Fukumoto Engineering, Inc.

Figure 3

Proposed Bus Stop at Queen
Ka'ahumanu Center Bus Transfer Center
Site Plan

NOT TO SCALE



Prepared for: County of Maui, Department of Transportation

MUNEKIYO & HIRAGA, INC.

being prepared for review and action by the Maui Planning Commission.

D. PROJECT COSTS AND SCHEDULE

The estimated construction cost for the proposed improvements is approximately \$600,000.00. Construction of the proposed improvements will commence upon the receipt of all necessary regulatory permits and approvals and upon project funding.

The proposed improvements will be constructed in one phase and is estimated to take approximately 90 days.

II. DESCRIPTION OF THE EXISTING ENVIRONMENT, POTENTIAL IMPACTS AND MITIGATION MEASURES

II. DESCRIPTION OF THE EXISTING ENVIRONMENT, POTENTIAL IMPACTS AND MITIGATION MEASURES

A. PHYSICAL SETTING

1. Surrounding Land Uses

a. Existing Conditions

The Queen Ka`ahumanu Shopping Center is located in Kahului, the island of Maui's center of commerce. Kahului is home to Kahului Harbor, the island's only deep water port, and the Kahului Airport, the second busiest airport in the State. With its proximity to the harbor and airport, the Kahului region has emerged as the focal point for heavy industrial, light industrial and commercial activities and services. These services include warehousing, baseyard operations, automotive sales and maintenance, and retailing for equipment and materials suppliers. The region is considered Central Maui's commercial retailing center with the Queen Ka`ahumanu Center (the location of the project site), the Maui Mall, and the Kahului Shopping Center, all located within close proximity to one another.

Surrounding this commercial core is an expansive residential area comprised principally of single-family residential units. Residential uses encompass the area extending from the Maui Memorial Medical Center to Pu`unene Avenue.

The existing project site, located within the Queen Ka`ahumanu Shopping Center, is currently utilized by the County of Maui Maui Bus operations as the main hub of the county bus system. The bus transfer center is located in a relatively central portion of the shopping center property and covers an area of approximately 8,500 sq. ft.

Access to the shopping center is provided via Ka`ahumanu Avenue, Wakea Avenue, and Kane Street. However, the Maui Bus accesses the site only from Wakea Avenue (via Kea Street) and the shopping center's driveway across

from Onehee Street.

To the immediate north of the project site is Ka`ahumanu Avenue. Further north, beyond Ka`ahumanu Avenue are the Harbor Lights apartments, a multi-family residential development, Maui Community College, and the Kahului Harbor. To the west and south of the project site lies a vast expanse of single-family residences and to the east are other commercial and industrialized areas of Kahului.

b. Potential Impacts and Mitigation Measures

The proposed action involves improvements to the existing bus transfer center located at Queen Ka`ahumanu Shopping Center. The project site is located within a central portion of the shopping center site and is surrounded by the retail outlets, Sew Special and Macys Men, as well as the existing four (4) story parking structure and paved parking lot. The proposed project will not increase the number of buses that will be able to utilize the transfer center, but will improve the safety and convenience of the transit center. Presently, the DOT does not anticipate a change in the near future to routing and scheduling of buses utilizing the bus transfer center at the Queen Ka`ahumanu Shopping Center. As previously noted, the DOT wishes to secure additional routes in the future as passenger ridership is anticipated to increase. This, however, is largely governed by financing and is not likely to occur in the near to mid-term time horizon. Given the availability of parking, suitable access to the site and the compatibility with shopping center operations, adverse impacts to surrounding land uses are not anticipated as a result of project implementation.

2. Climate

a. Existing Conditions

Like most areas of Hawai`i, Maui's climate is relatively uniform year-round. Characteristic of Hawai`i's climate, the project site experiences mild and uniform temperatures year round, moderate humidity and a relatively consistent northeasterly tradewind. Variation in climate on the island is largely left to local terrain.

Average temperatures at the project site (based on temperatures recorded at Kahului Airport) range from lows in the 60's to highs in the 80's. August is historically the warmest month, while January and February are the coolest. Rainfall at the project site averages approximately 20 inches per year. Winds in the Kahului region are predominantly out of the north and northeast (Maui County Databook 2007).

b. Potential Impacts and Mitigation Measures

The proposed project is not anticipated to adversely affect climatic conditions in the area.

3. Topography and Soil Characteristics

a. Existing Conditions












The Queen Ka`ahumanu Shopping Center is located on Maui's flat central isthmus ranging in elevations from 8 feet to 50 feet above mean sea level (AMSL). As the project site is a developed property, elevations are relatively uniform. There are no significant topographical constraints within the project site.

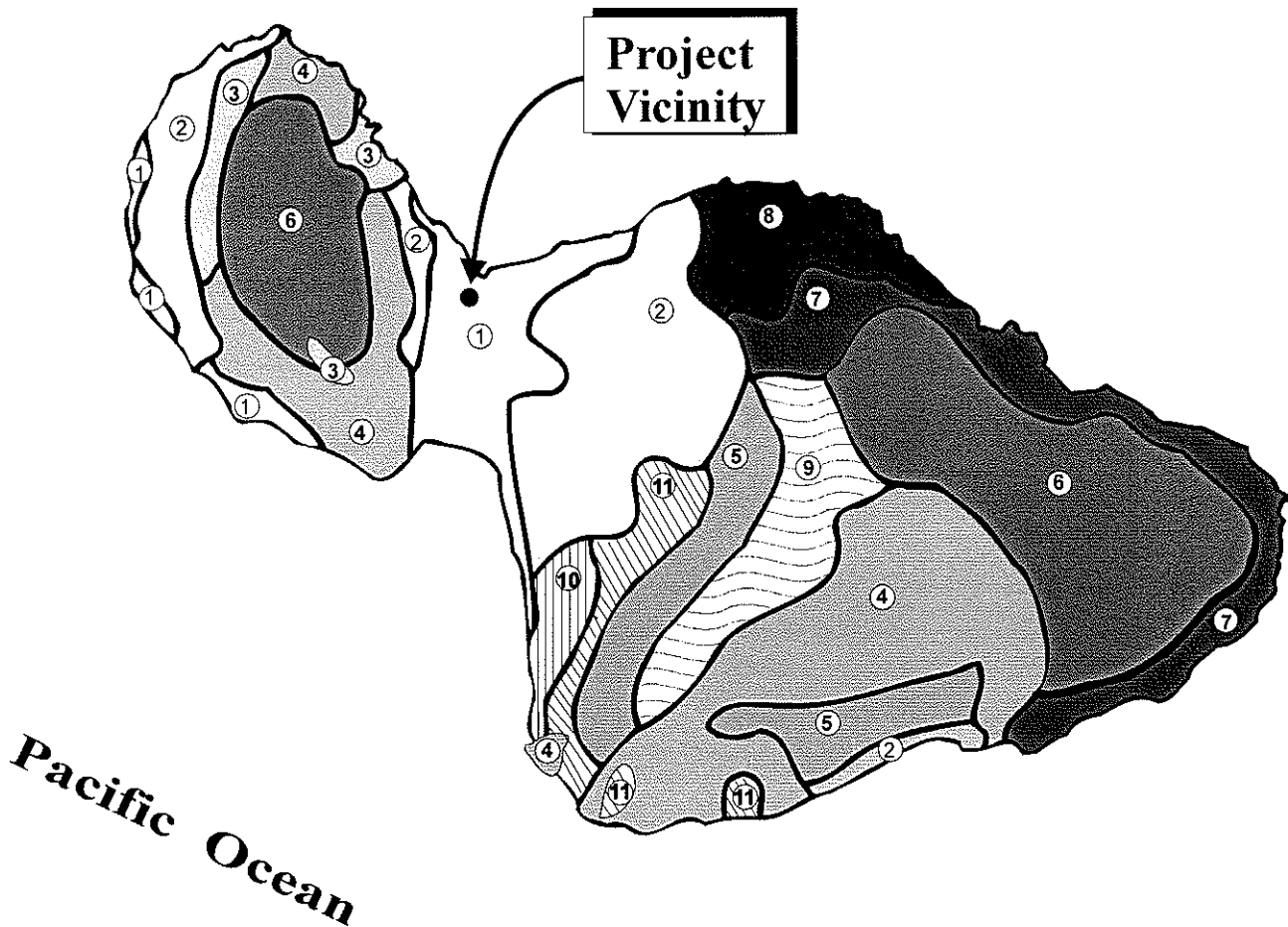
Underlying the project site and surrounding lands are soils belonging to the Pulehu-Ewa-Jaucas association. See **Figure 4**. This soil association is characteristically deep and well-drained, as well as located on alluvial fans and in basins. The soil type specific to the project site is of the Puuone Series, Puuone Sand classification (PZUE). See **Figure 5**. PZUE soils predominate in the Kahului region and are typified by a sandy surface layer underlain by cemented sand.

b. Potential Impacts and Mitigation Measures

The proposed improvements will not result in significant ground altering activities or major changes to existing topographical conditions. Grading activities associated with the improvements will be completed in accordance with Chapter 20.08, Soil Erosion and Sedimentation Control of the Maui County Code and, as applicable, the permit requirements of the State of Hawai'i, Department of Health and the National Pollutant Discharge Elimination System (NPDES). Adverse impacts to topography and soil

LEGEND

- | | |
|--|---|
|  ① Pulehu-Ewa-Jaucas association |  ⑦ Hana-Makaalae-Kailua association |
|  ② Waiakoa-Keahua-Molokai association |  ⑧ Pauwela-Haiku association |
|  ③ Honolua-Olelo association |  ⑨ Laumaia-Kaipoi-Olinda association |
|  ④ Rock land-Rough mountainous land association |  ⑩ Keawakapu-Makena association |
|  ⑤ Puu Pa-Kula-Pane association |  ⑪ Kamaole-Oanapuka association |
|  ⑥ Hydrandepts-Tropaquods association | |

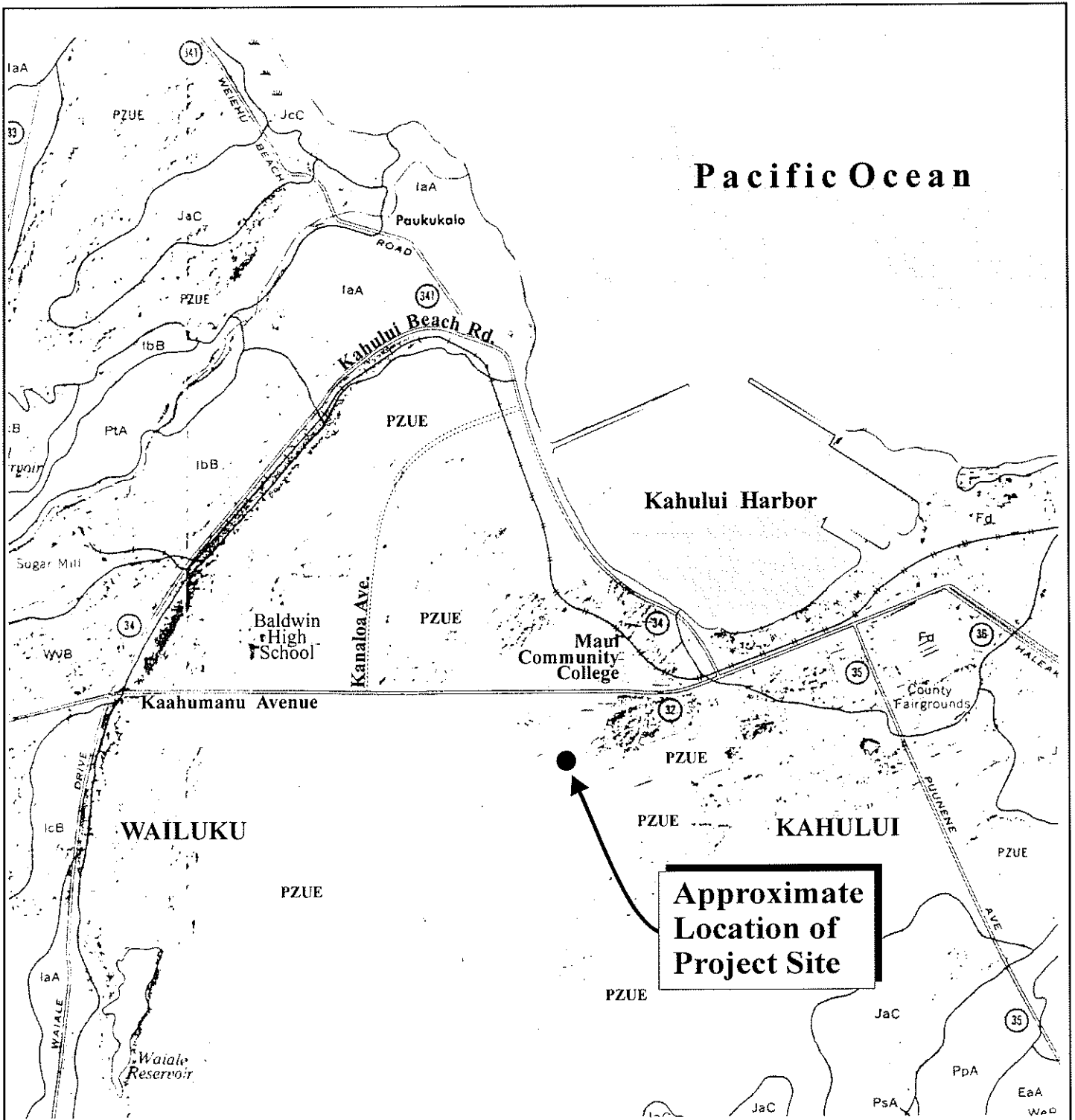


Source: USDA, Soil Conservation Service

Figure 4 Proposed Improvements to Queen Ka'ahumanu Shopping Center Bus Transfer Center Soil Association Map

NOT TO SCALE





Source: USDA, Soil Conservation Service

Figure 5 Proposed Improvements to Queen Ka'ahumanu Shopping Center
 Bus Transfer Center
 Soils Classifications Map



conditions in the vicinity of the project site are not anticipated as a result of project implementation. The project site has previously been extensively altered for the development of the shopping center.

4. Flood and Tsunami Hazard

a. Existing Conditions

According to the Flood Insurance Rate Map (FIRM) issued by the Federal Emergency Management Agency, the project site is located within “Zone C”. “Zone C” is defined as areas of minimal flooding. See **Figure 6**.

The project site is located within the tsunami evacuation zone. The tsunami evacuation area boundaries are based on 100 years of historical tsunami data. The boundaries often extended inland to the nearest identifiable location, such as a road. In this case, the tsunami evacuation zone is defined by S. Wakea Avenue.

b. Potential Impacts and Mitigation Measures

The subject property is located within flood zone “Zone C”. There are no habitable structures proposed as part of the project scope. Additionally, there are no development restrictions for Zone “C”.

5. Flora, Fauna and Avifauna

a. Existing Conditions

Surrounding the project site is the urbanized center of Kahului. Areas that surround the project site are characteristic of the urban nature of Kahului. The shopping center grounds are landscaped with palm trees and other shade trees, ground cover, and other introduced species of vegetation. There is currently no vegetation on the developed portion of the project site. There are no known rare, endangered or threatened species of flora within the project site.

Fauna and avifauna within the project site are also characteristic of urban areas. Fauna typically found in the vicinity include mongoose, rats, dogs and cats. Avifauna typically include mynas, several types of doves, and house

sparrows. There are no rare, endangered, or threatened species of fauna or avifauna found at the project site.

b. Potential Impacts and Mitigation Measures

There are no known significant habitats or rare, endangered or threatened species of flora, fauna, and avifauna located within the project site. There are no streams or wetlands located within the project site. The proposed action is, therefore, not anticipated to have an adverse impact upon environmental features.

6. Archaeological Resources

a. Existing Conditions

The project area has been extensively altered in the past for the construction of the existing Queen Ka`ahumanu Shopping Center.

An archaeological field inspection of the project site was conducted by Xamanek Researches, LLC on March 30, 2009 and April 7, 2009. The report documenting the inspection was completed on April 10, 2009. See **Appendix "A"**. The report notes that the bus stop located at the Queen Ka`ahumanu Shopping Center lies in a paved parking lot that is covered in concrete and asphalt. The report also notes that the area was previously disturbed by the construction of the shopping center.

b. Potential Impacts and Mitigation Measures

The project site for the proposed project involves lands which have been extensively modified.

However, given that the existing bus transfer center is located in an area that contains sand dune deposits and, therefore, an area that is potentially culturally sensitive, precautionary archaeological monitoring has been recommended for improvements for the project that involve subsurface excavation activities. The archaeological field inspection report concludes that archaeological monitoring is the most appropriate mitigation for the project. A monitoring plan has been developed for the proposed project and

approved by the State Historic Preservation Division. See **Appendix “B”** and **Appendix “B-1”**.

Archaeological monitoring will be carried-out during construction of the proposed bus transfer center improvements. Should human osteological material or other cultural remains be uncovered during construction activities, applicable procedures to ensure compliance with Chapter 6E, Hawai‘i Revised Statutes (HRS), will be followed.

7. **Cultural Impact Assessment**

a. **Cultural Assessment**

To assess cultural impacts associated with the proposed project, interviews were conducted with two (2) Maui residents: Sam Kobayashi and Leslie Kuloloio. Summaries of the interviews are presented below:

Interview with Sam Kobayashi

The interview with Sam Kobayashi took place on July 17, 2009 at his home in Hale Mahaolu Akahi in Kahului, Hawai‘i, just across the street from the Queen Ka‘ahumanu Shopping Center.

Sam Kobayashi sits at his white kitchen table, telling of his stories growing up on Maui. Although this is the first time we have met, Sam has welcomed me in his home as though we have been friends for years. Looking at Mr. Kobayashi, one can tell he has a unique tallness about him: there is something about his posture that conveys this. I am not surprised to learn, when I ask, that he once stood at 6 ‘ 1”.

Sam was born on August 1, 1926 in Honokahua, Lahaina to Kisaku Kobayashi and Ishi Yoneyama. His father, Kisaku, came to Maui as a young man and his mother, Ishi came to the island as a picture bride to his father. A photo of his parents, their marriage certificate, and their family crests sit on the top shelf in his living room. Other family photos decorate the remaining shelves and walls in his living room. Of these are several photos of Sam’s only grandchild: his

granddaughter who lives on Oahu.

As the oldest son, Sam began working right after graduating from high school. Sam graduated early at sixteen – he, in part, attributes his early graduation to his love for reading and to the principal of the school who decided that Sam would skip a grade. Sam Kobayashi first began his career in the pineapple industry when he started working for Baldwin Packers as a laborer in the pineapple fields. Looking at him today, his smooth skin (and black hair) tells a different story – it’s hard to believe Mr. Kobayashi is 83 years old. Sam remembers that the hardest job was planting. He called it “piece work” – where you were paid by the number of pieces you planted. After time, Sam began working his way up in the company: first as a boom operator on a pineapple picking machine and ultimately becoming the Warehouse Department Head where many operational problems and business deals were discussed over “three martini lunches”. His time working for Baldwin Packers was interrupted by his time spent on Oahu when he attended and graduated from the Hawaii School of Accounting and his service in the Korean War.

When Baldwin Packers’ cannery in Lahaina closed in 1962, Mr. Kobayashi was offered a job as the Label Line Supervisor at the Maui Pineapple Cannery in Kahului. There, Sam supervised the division which packaged the labeling on the pineapple cans. When Baldwin Packers closed, all employee positions were evaluated and any possibility of relocating those employees to the cannery in Kahului was explored. Sam explains the circumstances that arose as “bumping”. He explains that while not every job could be saved – someone who was working in the cannery for Baldwin Packers may have been able to get a job in the cannery in Kahului by “bumping” another person’s position. Mr. Kobayashi humbly goes on to explain that although he was the Warehouse Department Head in Lahaina, the Warehouse Department Head at the cannery in Kahului was a “really smart guy” – someone Mr. Kobayashi couldn’t “bump” at the time he transferred. However, Sam was eventually promoted to the position of Warehouse Department Head where he remained until he retired on January 1, 1989. He was with Maui Pineapple Company and

Baldwin Packers for 46 years.

Mr. Kobayashi described the once undeveloped site of the now existing Queen Ka`ahumanu Shopping Center as “kiawe trees and sand dunes.” Unlike now, Sam explains, “people then didn’t worry about bones in the sand.” Mr. Kobayashi said that he cannot remember the presence of bones in the area, but not to say there were none. Sam explains that nowadays the treatment of bones is very different compared to just a few decades ago.

When asked if he knew of any cultural practices that have occurred or are presently occurring at the site, he said he personally knows of none.

Mr. Kobayashi suggested that “like anything new,” the proposed project should be “designed with a Hawaiian style.” He adds, the design elements of the proposed bus shelters should reflect a Hawaiiana theme. Mr. Kobayashi tells me he often rides the Maui Bus, as there are two (2) bus stops in the area of Hale Mahaolu. He explains that because there is not much to do at home, he enjoys taking the bus every other day or so. He adds that a lot of people ride the bus and that the bus is equipped for passengers with scooters, bicycles, and wheelchairs. Mr. Kobayashi tells me the project would make the bus transfer center at Queen Ka`ahumanu Shopping Center a more comfortable place for passengers.

Interview with Leslie Kuloloio

Mr. Leslie Kuloloio believes in protecting our cultural resources and managing those resources wisely: “If we don’t take care, slowly our cultures will sweep away into the cracks – making it hard to reach.” Mr. Kuloloio is grateful for all the cultural values which have blended together and that have taught him what it is to be from Maui. The interview with Leslie Kuloloio took place in the office of Munekiyo & Hiraga, Inc. on August 10, 2009.

Mr. Kuloloio was born in Paia, on the island of Maui, to a traditional

sugar and pineapple plantation family. “Uncle Les”, as he is commonly referred to, was brought up in the 1940s, educated at Holy Rosary and later St. Anthony School. He recalls that the 40’s and 50’s were the most important part of Hawai`i’s history, as he witnessed Hawai`i grow and change with the passing of World War II and the establishment of Hawai`i as the fiftieth state.

Mr. Kuloloio explained the importance of transportation in its broadest sense, explaining that it has changed since the ancient trails of old Hawai`i where the *alanui* or roadways and traditional King’s Trails connected all parts of Maui. Mr. Kuloloio believes in continuing to give care to our future generations by addressing their transportation needs while keeping their safety in mind. He hopes his testimony and contribution, no matter how small, or how large, will make the youngest child and the oldest elder or *kupuna* comfortable going to and from their places of need. His *mana`o*, he explained, is to support the best there is for the people of Maui.

As Mr. Kuloloio began to delve into his memories of childhood, he remembered catching the old plantation trailer-bus with his mom in 1946 to pick up butter at the old Kahului intersection of Pu`unene Avenue and Ka`ahumanu Avenue. The plantation trailer-bus, Mr. Kuloloio explained, was a mode of transport during the plantation era. It took plantation workers who lived in Paia to Kahului and back for various needs. During this time the railroad tracks were heavily occupied, Mr. Kuloloio elaborated, transporting sugar and produce to and from several towns on the island. Also, there were the Ohua transport buses which were introduced during this same period. The buses offered another means of transportation to Maui’s plantation residents. Mr. Kuloloio described that transportation routes have changed since the time of old Hawai`i as well as since the time of the plantations. He mused that these transportation routes will continue to change, as it is part of the process of growth on the island.

In the mid 1950’s “Dream City” in Kahului became available to the plantation community. For the most part, Mr. Kuloloio explained, it was the first opportunity for land acquisition for plantation workers

in an area that was not centered around agricultural activities. He went on to elaborate that it was the first time there was a mass exodus of the plantation workers living in plantation camps to another area which could be privately owned.

Mr. Kuloloio went on to offer, “I am grateful and charged with the *kuleana* of working with the findings of unrecorded historical data of *na iwi o kupuna* beneath the central sand dunes and shifting sands of Maui. The Kahului site is an already recorded part of Maui’s history made available to creative research and summary. A continuous ethical and cultural partnership with our different citizens and elders will be a contributing benefit to the knowledge for changes such as the new proposed bus stop at Queen Ka’ahumanu Shopping Center.” Mr. Kuloloio added that the information he was sharing during the interview is open to other interpretations of history. He acknowledged that what he was sharing was his own personal opinions and beliefs, and noted the many historical records on file with the State Historic Preservation Division. He added that he is, but one of many cultural informants on Maui. When speaking of his research working with ancient Hawaiian burials, his understanding and knowledge of pre-contact and post-contact eras of Hawai’i, as well as the availability of archival documents to the public, Mr. Kuloloio said, “I am sure that Maui’s history will continue to flourish and empower old and new beginnings.”

In closing, Mr. Kuloloio offered the following “The proposed improvements to Queen Ka’ahumanu Shopping Center’s bus stop will also be part of my heart’s desire and hope to service Maui’s residents, visitors, families of the world and especially our community of those less fortunate and disabled.”

b. Potential Impacts and Mitigation Measures

The interviews with Sam Kobayashi and Leslie Kuloloio did not reveal any current cultural activities, including gathering, access, or other customary activities occurring on the subject property. As previously noted, the project site has been developed as the Queen Ka’ahumanu Shopping Center since 1973. All proposed improvements to the existing bus transfer center will

occur within a portion of the property that has been previously disturbed and is presently developed and operating as a transfer center for the Maui Bus.

Further, the results of the archaeological field inspection for the project site confirmed that the area has been previously disturbed for construction of the existing shopping center. The proposed project is not anticipated to adversely impact cultural practices, beliefs and features.

Notwithstanding, should there be unanticipated finds of archaeological significance, including human burials, appropriate protocols will be implemented in accordance with procedures established by the State Historic Preservation Division and the Maui/Lanai Islands Burial Council.

8. Air Quality

a. Existing Conditions

Air quality in the Wailuku-Kahului region is considered good as emissions from point sources (e.g., Maui Electric Company's power plant and Hawaiian Commercial and Sugar Company's sugar mill) and non-point sources (e.g., automobile emissions) are not significant to generate problematic concentrations of pollutants. The relatively high quality of air can also be attributed to the region's constant exposure to winds which quickly disperse concentrations of emissions. This rapid dispersion is evident during burning of sugar cane in fields located to the southeast of the Kahului residential core.

b. Potential Impacts and Mitigation Measures

Air quality impacts attributed to the proposed project will include dust generated by short-term, construction-related activities. Site work such as grading, for example, will generate airborne particulates. Dust control measures, such as regular watering and sprinkling will be implemented as needed to minimize the potential for wind-blown emissions.

9. Noise

a. Existing Conditions

Traffic noise, as well as noise generated from shopping center operations, are

the predominant sources of background noise in the vicinity of the proposed project. To the north, the Kahului Harbor activity, as well as aircraft landing at Kahului Airport may also add to the background noise levels in the surrounding region.

b. Potential Impacts and Mitigation Measures

As with air quality, ambient noise conditions in the short term will be impacted by construction activities. Construction equipment, such as front end loaders and materials-carrying trucks and trailers, would be the dominant source of noise during the site construction period. To aid in the mitigation of construction noise impacts upon surrounding uses, construction activities will be conducted during daylight hours only.

After construction, noise levels associated with the bus stop services will be limited to the regular hours of operation and for short intervals as patrons embark on and disembark from the bus. The bus stop services will not conflict with the shopping center operations, but instead will compliment one another as bus patrons are anticipated to also be customers of the shopping center. As such, it is anticipated that the proposed project will not generate adverse noise conditions on a long-term basis.

10. Visual Resources

a. Existing Conditions

Scenic resources to the west of the Queen Ka`ahumanu Shopping Center include the Iao Valley and the West Maui Mountains and to the east is Haleakala. To the north lies the Kahului Harbor and the Pacific Ocean. The existing transfer center, however, is located within a relatively central portion of the shopping center property and is surrounded by a four (4) story parking structure, parking lot, and the center's retail outlets.

b. Potential Impacts and Mitigation Measures

The proposed project is located within a relatively central portion of the shopping center's property limits and will not encroach into view corridors toward the shoreline.

The proposed project involves the installation of fifteen (15) new bus shelters with seating and lighting, trash and recycle bins, bike racks, curbs, sidewalks, asphalt work, concrete bollards, re-striping/markings, landscaping (potted plants), and the provision of a larger ramp to accommodate bus patrons. The tallest proposed structure, the proposed bus shelters, will be approximately nine (9) feet in height. Further, the project site is surrounded by existing shopping center structures, including the four (4) story parking structure, paved parking lot and various retail outlets. The project site does not lie on the outskirts of the property. As such, adverse impacts to visual resources in the area are not anticipated.

11. Use of Chemical Fertilizers

a. Existing Conditions

The proposed project area is currently utilized as a bus transfer center by the County of Maui and is located within a developed and paved portion of the existing Queen Ka`ahumanu Shopping Center. Chemicals and fertilizers are not used in the maintenance of the project site, as the site is paved and not landscaped.

b. Potential Impacts and Mitigation Measures

Landscaping for the proposed improvements to the bus transfer center will be limited to potted plants. Use of fertilizers and herbicides are not anticipated to be used for plant maintenance purposes at the site. As such, no adverse effects to surface, underground, and marine resources are anticipated with implementation of the proposed project.

B. SOCIO-ECONOMIC ENVIRONMENT

1. Population

a. Existing Conditions

The population of the County of Maui has exhibited relatively strong growth over the past decade. The 2000 population was 128,241, a 27.7 percent increase over the 1990 population of 100,374 (U.S. Census, 2000). The resident population for the year 2010 is projected to be 151,300 and 162,600

in 2015 (Maui County Data Book 2007).

The 1990 population of the Wailuku-Kahului region was 32,816, while in the year 2000 the population increased to 41,503 (County of Maui, 2006). By the year 2010, population of the region is projected to increase to 51,312 and 55,957 by 2015 (County of Maui, 2006).

b. Potential Impacts and Mitigation Measures

The bus transfer center is an existing operation at the Queen Ka'ahumanu Shopping Center in central Kahului. As previously noted, the DOT does not presently anticipate any changes to routing and scheduling of buses utilizing the bus transfer center in the near future. The proposed project is not considered to be a significant population generator and is not anticipated to have an adverse impact on population parameters.

2. Economy

a. Existing Conditions

The Kahului region is the island's center of commerce. Combined with the neighboring town of Wailuku, the region's economic character encompasses a broad range of commercial, service, and governmental activities. In addition, the region is surrounded by significant acreage in sugar cane cultivation. The vast expanse of agricultural land, managed by Hawaiian Commercial & Sugar (HC&S) is considered a key component of the local economy.

b. Potential Impacts and Mitigation Measures

On a short-term basis, the proposed action is anticipated to have a positive effect during the construction phase of development as expenditures for construction and related support services are made.

From a long-term perspective, the proposed project will improve an existing public transportation facility. Upon project completion, it is anticipated that the proposed improvements will have a positive effect upon the transfer center by improving accessibility, convenience, and safety of the site. This is anticipated to have a beneficial impact on bus ridership and, therefore, on

the patronage of the shopping center. This type of commercial activity will provide benefits to both the County of Maui and the vendors within Queen Ka`ahumanu Shopping Center.

C. PUBLIC SERVICES

1. Recreational Facilities

a. Existing Conditions

The Wailuku-Kahului region encompasses a full range of recreational opportunities, including shoreline and boating activities at the Kahului Harbor and adjoining beach parks, and individual and organized athletic activities offered at numerous County parks and the War Memorial Complex. The Queen Ka`ahumanu Shopping Center is in close proximity to the Keopuolani Park, the Kahului Community Center, the Maui Arts and Cultural Center, the County's Kanaha Beach Park and Iao Valley State Park.

b. Potential Impacts and Mitigation Measures

The bus transfer center located at Queen Ka`ahumanu Shopping Center is an existing use on the property. The proposed project is not anticipated to adversely impact the existing level of recreational facilities available to Maui County residents. In fact, the proposed project may provide positive impacts, as public transportation will be improved and may provide improved public mobility to various recreational facilities in the area.

2. Police and Fire Protection

a. Existing Conditions

Police protection for the Wailuku-Kahului region is provided by the County Police Department headquartered on Mahalani Street, located less than a mile from the project site. The region is served by the Department's Central Maui patrol. In addition, privately funded shopping center security is provided at the site.

Fire prevention, suppression, and protection services for the Wailuku-Kahului region is provided by the County Department of Fire and Public Safety's

Wailuku Station, located in Wailuku Town, less than 2 miles from the site. In addition, portions of the shopping center are within the 2.0 mile service radius of the Kahului Station located on Dairy Road.

b. Potential Impacts and Mitigation Measures

Police and fire protection services are not expected to be adversely impacted by the proposed project as the bus transfer center is an existing operation at the Queen Ka'ahumanu Shopping Center. The project will not extend existing service area limits for emergency services.

3. Solid Waste

a. Existing Conditions

Single-family residential solid waste collection service is provided by the County of Maui on a weekly basis. Residential solid waste collected by County crews are disposed at the County's Central Maui Landfill, located 4.0 miles southeast of the Kahului Airport. In addition to County-collected refuse, the Central Maui Landfill accepts commercial waste from private collection companies. Refuse collection for the shopping center is provided by a private collection company.

b. Potential Impacts and Mitigation Measures

As applicable, a solid waste management plan will be developed in coordination with the Solid Waste Division of the County Department of Environmental Management for the disposal of construction waste material generated by the project. Construction specifications will direct the contractor to dispose of solid wastes generated during construction in accordance with County and State solid waste management requirements.

As part of the project scope, improvements to the existing bus transfer center includes the provision of trash and recycle bins. Once the project is completed, solid waste will be handled by a private refuse collection company. The solid waste generated by the bus transfer center is not anticipated to significantly impact the solid waste capacity of the County's Central Maui Landfill.

4. **Health Care**

a. **Existing Conditions**

Maui Memorial Medical Center, the only major medical facility on the island, services the Wailuku-Kahului region. Acute, general and emergency care services are provided by the approximately 231-bed facility. In addition, numerous privately operated medical/dental clinics and offices are located in the area to serve the region's residents.

b. **Potential Impacts and Mitigation Measures**

The proposed project is not anticipated to increase the service demands placed upon emergency health care services.

5. **Schools**

a. **Existing Conditions**

The Wailuku-Kahului region is served by the State Department of Education's public school system as well as several privately operated schools accommodating elementary, intermediate and high school students. Department of Education facilities in the Kahului area include Pomaikai, Lihikai and Kahului Schools (Grades K-5), Maui Waena Intermediate School (Grades 6-8), and Maui High School (Grades 9-12). Existing facilities in the Wailuku area include Wailuku Elementary School (Grades K-5), Iao Intermediate School (Grades 6-8), and Baldwin High School (Grades 9-12).

b. **Potential Impacts and Mitigation Measures**

The proposed project is not considered a population generator. As such, it is not anticipated to adversely affect enrollments or locations of educational facilities.

D. INFRASTRUCTURE

1. Roadways

a. Existing Conditions

The Wailuku-Kahului region is served by a roadway network which includes arterial, collector and local roads. Existing roadways in the vicinity of the project site include Ka`ahumanu Avenue, the principal linkage between Wailuku and Kahului, Kahului Beach Road, Wakea Avenue, Kane Street, Kea Street, and Onehee Street. Access to the shopping center is located off of Ka`ahumanu Avenue, Kane Street, and Wakea Avenue.

b. Potential Impacts and Mitigation Measures

Although access to the shopping center is located off of Ka`ahumanu Avenue, Kane Street and Wakea Avenue, the Maui Bus will only utilize the access points off of Wakea Avenue. The Maui Bus will continue to access the site via Kea Street and the Queen Ka`ahumanu Shopping Center's driveway off of Wakea Avenue. The bus transfer center at the Queen Ka`ahumanu Shopping Center is an existing operation and use of the property. The proposed improvements will not increase the number of buses that can stop at the center at one time. The current configuration of the transfer center accommodates a total of five (5) buses to stop at the site. Following project completion, the number of buses that can be accommodated at the site will not change. Presently, the DOT does not anticipate any changes in the near future to routing and scheduling at the bus transfer center following project completion. However, in the long term the DOT wishes to secure additional routes as passenger ridership is anticipated to increase. This is largely governed by funding, however, and is not anticipated to occur in the near to mid-term time horizon. As the proposed improvements will not increase the number of buses stopping at the site at a single time and will not affect routing or scheduling, the proposed project is not anticipated to present any significant adverse impacts on surrounding roadways.

With the build out of the proposed project, a total of eight (8) parking stalls will be removed at the Queen Ka`ahumanu Shopping Center to accommodate

the proposed improvements to the existing bus transfer center. Currently, the Queen Ka`ahumanu Shopping Center provides a total of 2,858 stalls throughout various locations including its two (2) parking structures on the property. As a separate matter, the Queen Ka`ahumanu Shopping Center will coordinate with the Department of Planning, Zoning Administration and Enforcement Division to address parking requirements for the shopping center.

2. Wastewater

a. Existing Conditions

Domestic wastewater generated in the Wailuku-Kahului region is conveyed to the County's Wailuku-Kahului Wastewater Reclamation Facility located one-half mile south of Kahului Harbor. The design capacity of the facility is 7.9 million gallons per day (MGD). The facility serves the Kahului, Wailuku, Paia, Kuau and Spreckelsville areas. Cumulative allocated wastewater flows from the Kahului facility are approximately 6.6 MGD.

b. Potential Impacts and Mitigation Measures

Wastewater service has not been and will not be provided at the existing bus transfer center. The proposed project is not anticipated to impact existing wastewater services on the island.

3. Water

a. Existing Conditions

Domestic water for the Wailuku-Kahului region is provided by the Department of Water Supply's Central Maui System. The Central Maui System water sources are located on the windward slope of the West Maui Mountains. The major source of water for this system is the Iao Aquifer. Approximately 75 percent of the water to supply the Central Maui System is withdrawn from the Iao Aquifer which is located in the vicinity of the Iao Stream and Waiehu Stream. The remaining 25 percent is withdrawn from Waihee Aquifer to the northwest. The sustainable yield of the Iao Aquifer is 20 million gallons per day (MGD).

b. **Potential Impacts and Mitigation Measures**

Water service has not been and will not be provided at the bus transfer center. The proposed project is not anticipated to adversely impact existing water systems in the Central Maui region.

4. **Drainage**

a. **Existing Conditions**

The project site is developed as the existing bus transfer center at the Queen Ka`ahumanu Shopping Center. A Utility and Drainage Assessment letter was prepared for the proposed project by Ronald M. Fukumoto Engineering, Inc. See **Appendix "C"**. According to the Utility and Drainage Assessment letter, the project site currently drains to a grated drain inlet in the parking lot. This grated drain inlet is located approximately 150 feet to the west of the project site.

b. **Potential Impacts and Mitigation Measures**

Drainage improvements are not proposed as part of the project. As noted in the Utility and Drainage Assessment letter, the proposed improvements to the existing bus transfer center will not increase storm water runoff because the site is already developed with paved surfaces.

5. **Electrical and Telephone Services**

a. **Existing Conditions**

Electrical service to the shopping center is provided by Maui Electric Company, Ltd. Telephone service is provided by Hawaiian Telcom.

b. **Potential Impacts and Mitigation Measures**

As part of the proposed project, lighting will be provided for the bus shelters as well as a surveillance system for safety purposes. Solar powered lighting is also proposed and will be installed at appropriate locations. An extension of telephone lines to the site is presently not anticipated. The proposed project is not anticipated to significantly impact existing utility facilities and services.

E. CUMULATIVE AND SECONDARY IMPACTS

Cumulative impacts are defined as the impact on the environment which results from the incremental impact of an action when added to other past, present, and reasonably foreseeable future actions, regardless of what agency or person undertakes such other actions.

The proposed project is not part of a larger action, nor would it occur within the context of such actions. As such, there are no cumulative impacts associated with the proposed bus transfer center project.

Similar to cumulative impacts, secondary impacts are those which have the potential to occur later in time, but are still reasonably foreseeable. They can be viewed as actions of others that are taken because of the presence of the project.

Aside from the direct development impacts discussed in the previous sections of this chapter, significant secondary impacts are not anticipated as the proposed project will improve an existing bus transfer center. Notwithstanding, the proposed improvements will provide an improved venue for increasing bus ridership and attendant opportunities which will further improve bus scheduling and routing. This, however, is largely governed by funding and is not anticipated to occur in the near to mid-term time horizon. Secondary impacts associated with long-term increases in bus ridership is expected to have a positive effect on the County as public transit improves.

III. RELATIONSHIP TO GOVERNMENTAL PLANS, POLICIES AND CONTROLS

III. RELATIONSHIP TO GOVERNMENTAL PLANS, POLICIES AND CONTROLS

A. STATE LAND USE DISTRICTS

Chapter 205, Hawai'i Revised Statutes, relating to the Land Use Commission, establishes the four (4) major land use districts in which all lands in the State are placed. These districts are designated "Urban", "Rural", "Agricultural", and "Conservation". The subject property is located within the "Urban" district. See **Figure 7**. The proposed and continued use of the property to operate the existing bus transfer center at the Queen Ka'ahumanu Shopping Center is consistent with "Urban" district provisions.

B. MAUI COUNTY GENERAL PLAN

The Maui County General Plan (1990 Update) sets forth broad objectives and policies to help guide long-range development of the County. As stated in the Maui County Charter:

The general plan shall indicate desired population and physical development patterns for each island and region within the county; shall address the unique problems and needs of each island and region; shall explain opportunities and the social, economic, and environmental consequences related to potential developments; and shall set forth the desired sequence, patterns and characteristics of future developments. The general plan shall identify objectives to be achieved, and priorities, policies, and implementing actions to be pursued with respect to population density; land use maps, land use regulations, transportation systems, public and community facility locations, water and sewage systems, visitor destinations, urban design, and other matters related to development.

The proposed improvements to the existing bus transfer center are in keeping with the following objectives and policies of the Maui County General Plan:

Objective: To support an advanced and environmentally sensitive transportation system which will enable people and goods to move safely, efficiently and economically.

To develop a Maui County transportation system linked to land use

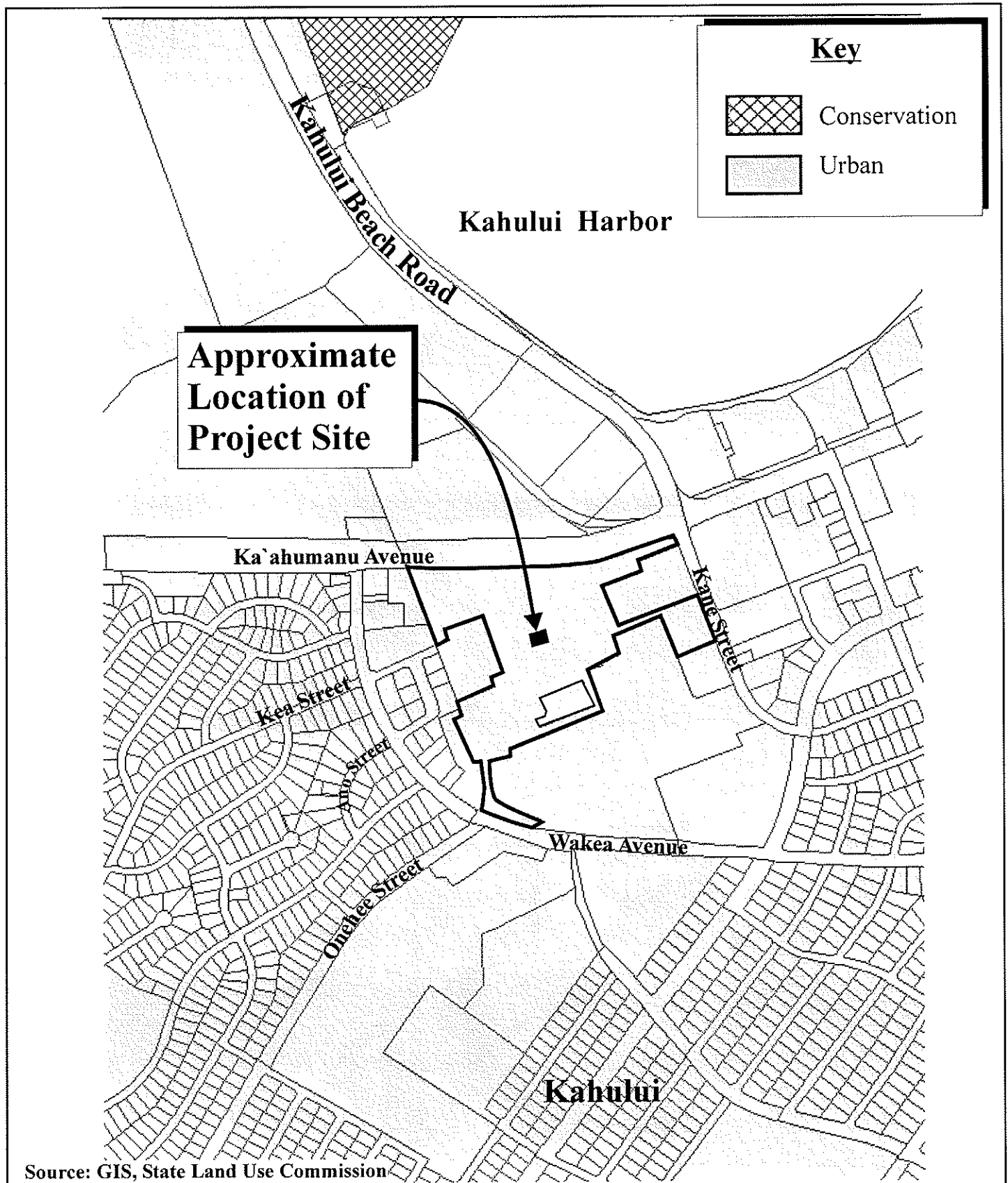


Figure 7

Proposed Improvements to Queen
Ka'ahumanu Shopping Center
Bus Transfer Center
State Land Use District Designations

NOT TO SCALE



planning that is less dependent on the automobile as its primary mode of moving people.

C. WAILUKU-KAHULUI COMMUNITY PLAN

The subject parcel is located in the Wailuku-Kahului Community Plan region which is one (1) of nine (9) Community Plan regions established in the County of Maui. Planning for each region is guided by the respective Community Plans, which are designed to implement the Maui County General Plan. Each Community Plan contains recommendations and standards which guide the sequencing, patterns and characteristics of future development in the region.

The Wailuku-Kahului Community Plan was adopted by the County of Maui through Ordinance No. 3061 which took effect on May 30, 2002.

Land use guidelines are set forth by the Wailuku-Kahului Community Plan Land Use Map. See **Figure 8**. The subject property is designated "B, Business/Commercial" and "H-1, Heavy Industrial" by the Community Plan.

The proposed project is consistent with the following goal, objectives and policies of the Wailuku-Kahului Community Plan:

GOVERNMENT

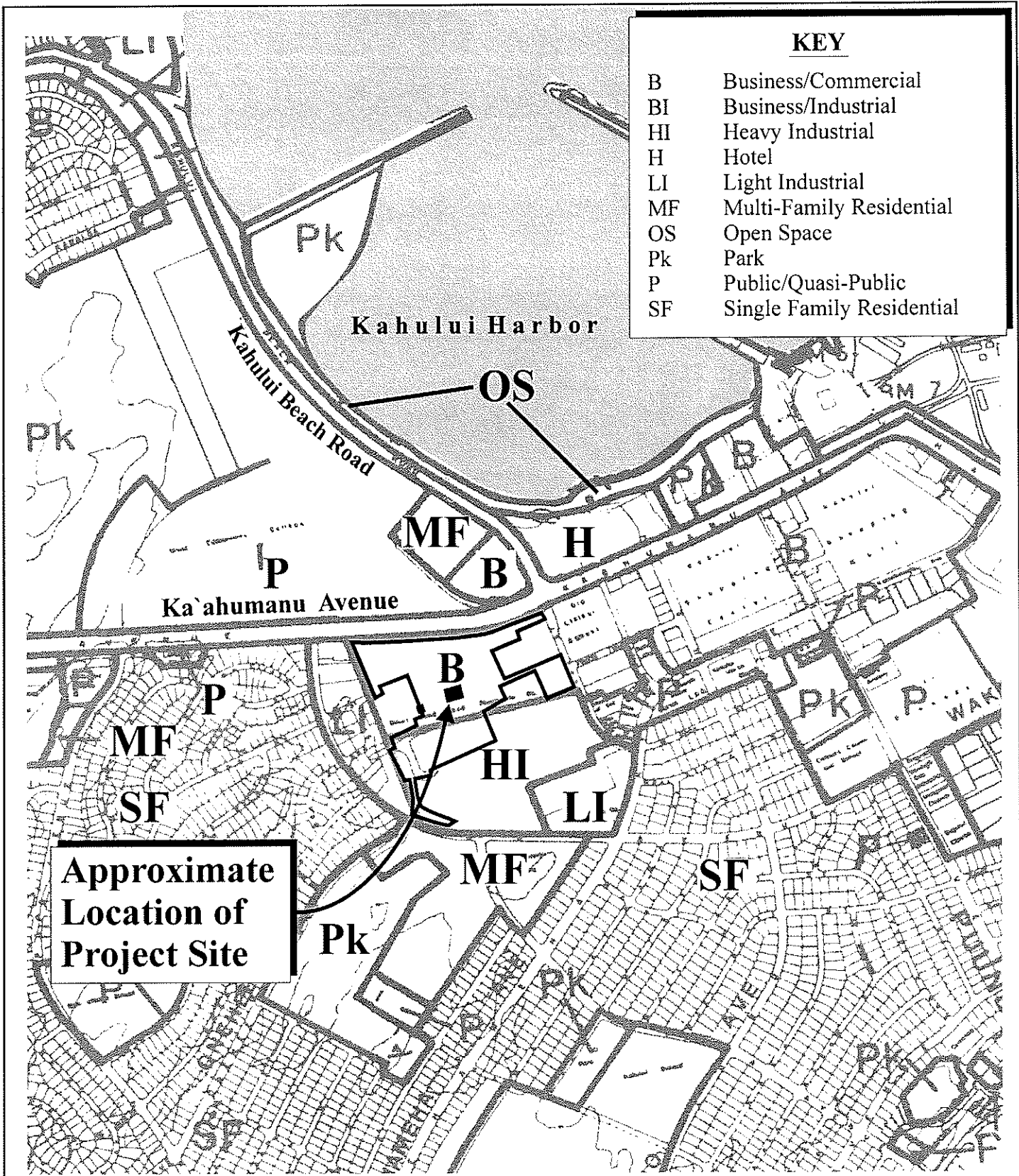
Objective and Policy:

Support public and private partnerships to fund the planning and construction of infrastructure.

TRANSPORTATION

Objective and Policy

Support private efforts to expand public transit service, with an emphasis on service to the Kahului Airport and Wailuku Civic Center. Future growth in population will warrant an expanded public transportation system.



Source: Wailuku-Kahului Community Plan Map

Figure 8 Proposed Improvements to Queen NOT TO SCALE
 Ka'ahumanu Shopping Center Bus Transfer Center
 Wailuku-Kahului Community Plan
 Land Use Designations



URBAN DESIGN

Objective and Policy for the Wailuku-Kahului Region in General

Maintain a design quality for commercial and public projects and large-scale master planned developments

Establish, expand and maintain parks, public facilities, and public shoreline areas.

D. ZONING

The subject property is zoned "M-2, Heavy Industrial" by Maui County zoning. The bus transfer center is an existing accessory use to the Queen Ka`ahumanu Shopping Center. The transfer center operates as the hub for the County of Maui, Maui Bus program and is a public use. The continued use of the property as the transfer center is consistent with uses permitted within the "M-2, Heavy Industrial" as the project is a public use that supports the DOT's Maui Bus operations.

E. SPECIAL MANAGEMENT AREA OBJECTIVES AND POLICIES

The proposed project site is located within the County of Maui's Special Management Area (SMA). Pursuant to Chapter 205A, Hawai'i Revised Statutes, and the Rules and Regulations of the Planning Commission of the County of Maui, projects located within the SMA are evaluated with respect to SMA objectives, policies and guidelines. This section addresses the project's relationship to applicable coastal zone management considerations, as set forth in Chapter 205A, HRS, and the Rules and Regulations of the Planning Commission.

1. Recreational Resources

Objective: Provide coastal recreational opportunities accessible to the public.

Policies:

- (A) Improve coordination and funding of coastal recreational planning and management; and
- (B) Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:

- (i) Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;
- (ii) Requiring replacement of coastal resources having significant recreational value including, but not limited to, surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the state for recreation when replacement is not feasible or desirable;
- (iii) Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;
- (iv) Providing an adequate supply of shoreline parks and other recreational facilities suitable for public recreation;
- (v) Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;
- (vi) Adopting water quality standards and regulating point and non-point sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;
- (vii) Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and
- (viii) Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of Section 46-6, HRS.

Response: As the project site is not located along the shoreline, the proposed project will not affect coastal zone recreational opportunities. Accessibility to shoreline areas will not be impacted by the proposed action.

2. Historic Resources

Objective: Protect, preserve and, where desirable, restore those natural and manmade historic and prehistoric resources in the coastal zone management area that

are significant in Hawaiian and American history and culture.

Policies:

- (A) Identify and analyze significant archeological resources;
- (B) Maximize information retention through preservation of remains and artifacts or salvage operations; and
- (C) Support state goals for protection, restoration, interpretation, and display of historic resources.

Response: The site for the proposed improvements to the existing Queen Ka'ahumanu Shopping Center transfer center has been extensively altered through previous construction activities. An archaeological field inspection was completed for the proposed project. Refer to **Appendix "A"**. The proposed project is not anticipated to adversely affect significant historic or archaeological resources. Archaeological monitoring will be carried out during ground altering activities to ensure cultural and historic resources are not adversely impacted by the proposed project. Refer to **Appendix "B"**.

3. Scenic and Open Space Resources

Objective: Protect, preserve and, where desirable, restore or improve the quality of coastal scenic and open space resources.

Policies:

- (A) Identify valued scenic resources in the coastal zone management area;
- (B) Ensure that new developments are compatible with their visual environment by designing and locating such developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;
- (C) Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and
- (D) Encourage those developments that are not coastal dependent to locate in inland areas.

Response: The project site is located within the Queen Ka'ahumanu Shopping Center and is an existing use. The site is surrounded by the shopping center's

facilities, including its four (4) story parking structure, paved parking lot, and retail outlets. The proposed project will not adversely impact scenic or open space resources. The proposed project will not involve significant alteration to the existing topographic character of the site and will not affect public views along the shoreline.

4. **Coastal Ecosystem**

Objective: Protect valuable coastal ecosystems, including reefs, from disruption and minimize adverse impacts on all coastal ecosystems.

Policies:

- (A) Improve the technical basis for natural resource management;
- (B) Preserve valuable coastal ecosystems, including reefs, of significant biological or economic importance;
- (C) Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and
- (D) Promote water quantity and quality planning and management practices which reflect the tolerance of fresh water and marine ecosystems and prohibit land and water uses which violate state water quality standards.

Response: Best Management Practices (BMPs) will be implemented during the construction of the project to minimize the potential for disruption of coastal water ecosystems. The project site is located approximately 1/3 of a mile from the shoreline. Completion of the proposed project will not significantly disrupt or impact coastal ecosystems.

5. **Economic Use**

Objective: Provide public or private facilities and improvements important to the State's economy in suitable locations.

Policies:

- (A) Concentrate coastal dependent development in appropriate areas;
- (B) Ensure that coastal dependent development such as harbors and ports, and

coastal related development such as visitor facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and

- (C) Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:
 - (i) Use of presently designated locations is not feasible;
 - (ii) Adverse environmental effects are minimized; and
 - (iii) The development is important to the State's economy.

Response: The proposed action is designed to provide improved facilities for the existing bus transfer center located at Queen Ka'ahumanu Shopping Center. It is anticipated that the proposed project will provide a positive impact on the shopping center by improving the safety, accessibility, and convenience for Maui Bus patrons. The proposed project is not anticipated to generate any adverse economic impacts.

6. **Coastal Hazards**

Objective: Reduce hazard to life and property from tsunami, storm waves, stream flooding, erosion, subsidence and pollution.

Policies:

- (A) Develop and communicate adequate information about storm wave, tsunami, flood, erosion, subsidence, and point and nonpoint source pollution hazards;
- (B) Control development in areas subject to storm wave, tsunami, flood, erosion, hurricane, wind, subsidence, and point and nonpoint pollution hazards;
- (C) Ensure that developments comply with requirements of the Federal Flood Insurance Program;
- (D) Prevent coastal flooding from inland projects; and
- (E) Develop a coastal point and nonpoint source pollution control program.

Response: According to the Flood Insurance Rate Map for the area, the project

site is located within “Zone C”, an area of minimal flooding. The proposed improvements are not anticipated to increase the region’s susceptibility to coastal hazards. Appropriate drainage measures will be implemented to ensure that downstream and adjacent properties will not be adversely impacted by the proposed action.

7. **Managing Development**

Objective: Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

Policies:

- (A) Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;
- (B) Facilitate timely processing of applications for development permits and resolve overlapping of conflicting permit requirements; and
- (C) Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process.

Response: In compliance with the requirements of Chapter 343, HRS, this Environmental Assessment (EA) has been prepared to facilitate public understanding and involvement with the proposed project. Compliance with applicable regulatory requirements, including the SMA permit process, advances the objective and policies for Managing Development.

Applicable State and County requirements will be followed in the design and construction of the proposed project.

8. **Public Participation**

Objective: Stimulate public awareness, education, and participation in coastal management.

Policies:

- (A) Maintain a public advisory body to identify coastal management problems

and to provide policy advice and assistance to the coastal zone management program;

- (B) Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and
- (C) Organize workshops, policy dialogues, and site-specific mediations to respond to coastal issues and conflicts.

Response: As previously noted, public awareness of the project is being promoted through the EA and SMA permit processes. The proposed project is not contrary to the objectives of public awareness, education and participation.

9. **Beach Protection**

Objective: Protect beaches for public use and recreation.

Policies:

- (A) Locate new structures inland from the shoreline setback to conserve open space and to minimize loss of improvements due to erosion;
- (B) Prohibit construction of private erosion-protection structures seaward of the shoreline, except when they result in improved aesthetic and engineering solutions to erosion at the sites and do not interfere with existing recreational and waterline activities; and
- (C) Minimize the construction of public erosion-protection structures seaward of the shoreline.

Response: During earthwork activities associated with the proposed improvements, appropriate Best Management Practices (BMPs) will be utilized to ensure that the downstream coastal environment is not adversely impacted. Beach access will not be impacted by the proposed action.

10. **Marine Resources**

Objective: Implement the State's ocean resources management plan.

Policies:

- (A) Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;
- (B) Assure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;
- (C) Coordinate the management of marine and coastal resources and activities management to improve effectiveness and efficiency;
- (D) Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;
- (E) Promote research, study, and understanding of ocean processes, marine life, and other ocean resources in order to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and
- (F) Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.

Response: The proposed project is not anticipated to have adverse effects upon marine and coastal resources in the vicinity. The project site is located approximately 1/3 of a mile from the shoreline.

In addition to the foregoing objectives and policies, SMA permit review criteria pursuant to Act 224 (2005) provides that:

No special management area use permit or special management area minor permit shall be granted for structures that allow artificial light from floodlights, uplights, or spotlights used for decorative or aesthetic purposes when the light:

- (1) Directly illuminates the shoreline and ocean waters; or
- (2) Is directed to travel across property boundaries toward the shoreline and ocean waters.

Response: Lighting design for the proposed project will specify the shielding of all lights and directional down lighting. These design considerations will seek to mitigate light pollution and prevent lighting from traveling across property boundaries. It is also noted that the last pick-up time for the Maui Bus at the Queen

Ka'ahumanu Shopping Center is 10:00 p.m. Lighting for the proposed bus transfer center will be turned off following the departure of the last pick-up.

**IV. SUMMARY OF
UNAVOIDABLE IMPACTS
ON THE ENVIRONMENT
AND RESOURCES**

IV. SUMMARY OF UNAVOIDABLE IMPACTS ON THE ENVIRONMENT AND RESOURCES

The proposed improvements at the project site will result in construction-related impacts as described in Chapter II, Description of the Existing Conditions, Potential Impacts and Mitigation Measures.

Potential effects include noise generated impacts occurring from site preparation and construction activities. In addition, there may be temporary air quality impacts associated with dust generated from construction activities, and exhaust emissions discharged by construction equipment.

However, these impacts are anticipated to be temporary and will be mitigated through the use of appropriate BMPs.

The proposed project is not anticipated to create significant long-term adverse environmental effects.

V. ALTERNATIVES TO THE PROPOSED ACTION

V. ALTERNATIVES TO THE PROPOSED ACTION

A. NO ACTION ALTERNATIVE

The “no action” or “no build” alternative calls for retaining the project site in its current condition. The project site is a portion of the Queen Ka`ahumanu Shopping Center which has been developed as the existing bus transfer center for the Maui Bus. The bus transfer center is currently in need of upgrades as the only existing improvements at the site are benches and a lamp. The “no action” alternative would involve a continuation of the transfer center in its current condition. In addition, this alternative is not considered a viable scenario in the context of the need for a safe, convenient, and accessible bus transfer center for Maui County residents and patrons of the Maui Bus, especially when viewed in the context of the increased levels of ridership that have been experienced over the last few years.

B. DEFERRED ACTION ALTERNATIVE

A “deferred action” alternative would have similar consequences as the “no action” alternative in that the proposed project would be delayed and would not be immediately realized. This alternative would not respond to the present need for upgrades at the existing, heavily utilized bus transfer center at the Queen Ka`ahumanu Shopping Center.

C. PREFERRED ALTERNATIVE

The proposed project was deemed most appropriate and beneficial for the Maui Bus operations and the community at large. The proposed improvements would offer a safer, a more convenient, and accessible bus stop for bus patrons traveling to and from the existing bus transfer center at the Queen Ka`ahumanu Shopping Center. Presently, the existing transfer center lacks proper facilities including adequate ramps, seating, and shelters resulting in pedestrian congestion and inconvenience. The proposed project has been designed to respond to these issues and will result in an enhanced quality of service for patrons of the County’s Maui Bus system.

D. ALTERNATIVE DESIGN CONSIDERATIONS

During the conceptual planning phase of the proposed project, other scenarios including change of location and design modifications were investigated for the proposed project. These scenarios included the relocation of the bus transfer center to another location within Central Maui. However, given that the bus transfer center is an existing facility in the Queen Ka`ahumanu Shopping Center, relocation to a different site would incur additional costs and time for project implementation. Other design options, while maintaining the location of the bus transfer center within the shopping center, were also considered for the project. However, the close proximity of the existing four-story parking structure and retail outlets of shopping center presented design constraints on the project. The proposed design is considered to be the most appropriate alternative given the existing configuration of the shopping center and its associated circulation/access system.

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

The proposed action is anticipated to result in the irreversible and irretrievable commitment of certain natural and fiscal resources, including fuel, labor, funding and land resources. Impacts relating to the use of these resources are not considered significant when weighed against the expected positive socio-economic and community benefits to be derived from the project.

VII. SIGNIFICANCE CRITERIA ASSESSMENT

VII. SIGNIFICANCE CRITERIA ASSESSMENT

The proposed project involves the improvements to the existing bus transfer center located within the Queen Ka'ahumanu Shopping Center property in Kahului, Maui. Since County funds are being utilized for implementation of the project, an EA has been prepared pursuant to Chapter 343, HRS, and Chapter 200 of Title 11, Administrative Rules of the State Department of Health, Environmental Impact Statement Rules. A County SMA Use Permit is also being requested from the Maui Planning Commission.

The "Significance Criteria", Section 12 of the Administrative Rules, Title 11, Chapter 200, Environmental Impact Statement Rules, were reviewed and analyzed to determine whether the proposed project will have significant impacts on the environment. The following analysis is provided:

1. **Involves an irrevocable commitment to loss or destruction of any natural or cultural resource.**

The site is presently developed as the County of Maui bus transfer center for Maui Bus operations, and is a part of the Queen Ka'ahumanu Shopping Center property. No wetlands exist within or in the immediate vicinity of the project site. There are no known rare, endangered or threatened species of flora, fauna, or avifauna within the site.

The site affected by the proposed project has already been disturbed by previous construction activities and historical uses. However, should cultural remains be uncovered during construction activities, applicable procedures to ensure compliance with Chapter 6E, HRS, will be followed.

There is no loss or destruction of significant natural or cultural resources associated with the proposed action.

2. **Curtails the range of beneficial uses of the environment.**

The project site is located in the Queen Ka'ahumanu Shopping Center and is an existing bus transfer center. In a larger context, the area is part of a developed and

urbanized area of Kahului. The project is not anticipated to impact beneficial uses of the environment.

3. **Conflicts with the state's long-term environmental policies or goals and guidelines as expressed in Chapter 344, HRS, and any revisions thereof and amendments thereto, court decisions, or executive orders.**

The State's Environmental Policy and Guidelines are set forth in Chapter 344, HRS. The proposed action is not contrary to the policies and guidelines set forth in Chapter 344, HRS.

4. **Substantially affects the economic welfare, social welfare, and cultural practices of the community or State.**

The project would directly benefit the local economy during the construction phase. In the long term, the project provides opportunity to continue the Maui Bus Service, operating in an improved venue. The Maui community would directly benefit from the proposed project, as the Maui Bus operations are a public service.

5. **Substantially affects public health.**

No adverse impacts to the public's health and welfare are anticipated as a result of the proposed action.

6. **Involves substantial secondary impacts, such as population changes or effects on public facilities.**

The proposed project is not anticipated to result in secondary impacts, such as population changes or increased demands on regional public facilities. The proposed improvements are designed for an existing public facility which currently serves the community. The proposed project would have a positive effect upon the public transit system and would provide a safer, more convenient and comfortable transfer center for the public.

7. **Involves a substantial degradation of environmental quality.**

During construction of the proposed improvements, appropriate BMPs will be utilized to ensure that potential adverse environmental effects are mitigated. No substantial degradation of the environment is anticipated as a result of project implementation.

8. **Is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions.**

The proposed project does not represent a commitment to larger actions. The proposed project is not anticipated to create or contribute to any significant long-term environmental effects.

9. **Substantially affects a rare, threatened, or endangered species, or its habitat.**

There are no known or identified habitats of rare, threatened, or endangered species of flora, fauna or avifauna in the vicinity of the project site. The proposed action would occur within an existing developed property located in the urban core of Kahului. Given the scale and location of the proposed improvements, no habitats or natural environments are anticipated to be adversely affected by the proposed project.

10. **Detrimentially affects air or water quality or ambient noise levels.**

Construction activities will result in short-term air quality and noise impacts. Dust control measures, such as regular watering and sprinkling, and erection of dust screens will be implemented, as required, to minimize wind blown emissions resulting from the project implementation. Noise impacts will occur primarily from the use of construction equipment. Appropriate BMPs will be implemented during grading and construction operations to ensure that adverse environmental impacts on air quality and ambient noise levels are mitigated.

In the long term, the project is not anticipated to have a significant impact on air quality or noise parameters as the bus transfer center is an existing use on the property.

11. **Affects or is likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, beach, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters.**

By implementing BMPs during construction, the proposed project is not anticipated to impact resources along the coastline which are approximately 1/3 of a mile from the project site. The subject property is located in "Zone C," areas of minimal flooding. There are no wetlands, geologically hazardous lands, estuaries, or fresh waters within or adjacent to the property. The project site is located within a tsunami evacuation area.

12. Substantially affects scenic vistas and viewplanes identified in county or state plans or studies.

The project will not adversely affect scenic vistas or viewplanes. The proposed improvements involve upgrading an existing bus transfer center within Queen Ka'ahumanu Shopping Center. The proposed action will not involve the alteration of any major buildings or parking structures at the property.

13. Requires substantial energy consumption.

The proposed project will result in the short-term commitment of fuel for equipment vehicles and machinery during grading activities. However, the short-term energy demand is not considered substantive or excessive within the context of the region's overall energy consumption. In the long term, the project is not anticipated to create significant demands for energy consumption.

Based on the foregoing findings, it is anticipated that the proposed action will result in a Finding of No Significant Impact (FONSI).

VIII. LIST OF PERMITS AND APPROVALS

VIII. LIST OF PERMITS AND APPROVALS

The following permits and approvals will be required prior to the implementation of the proposed project.

County of Maui

1. County Special Management Area (SMA) Use Permit
2. Grading Permit, as applicable
3. Building Permits

**IX. AGENCIES
CONSULTED DURING THE
PREPARATION OF THE
DRAFT ENVIRONMENTAL
ASSESSMENT; LETTERS
RECEIVED AND
RESPONSES TO
SUBSTANTIVE
COMMENTS**

IX. AGENCIES CONSULTED DURING THE PREPARATION OF THE DRAFT ENVIRONMENTAL ASSESSMENT; LETTERS RECEIVED AND RESPONSES TO SUBSTANTIVE COMMENTS

The following agencies were consulted during the preparation of the Draft Environmental Assessment. Agency comments received during the early consultation phase, as well as responses to substantive comments, are included in this section. In addition, comments received after the early consultation comment period deadline and letters responding to substantive comments are contained in this section as well.

- | | |
|--|---|
| <p>1. Ranae Ganske-Cerizo, Soil Conservationist
Natural Resources Conservation Service
U.S. Department of Agriculture
210 Imi Kala Street, Suite 209
Wailuku, Hawai'i 96793-2100</p> | <p>6. Theodore E. Liu, Director
State of Hawai'i
Department of Business, Economic
Development & Tourism
P.O. Box 2359
Honolulu, Hawai'i 96804</p> |
| <p>2. George Young
Chief, Regulatory Branch
U.S. Department of the Army
U.S. Army Engineer District, Honolulu
Regulatory Branch
Building 230
Fort Shafter, Hawai'i 96858-5440</p> | <p>7. Patricia Hamamoto, Superintendent
State of Hawai'i
Department of Education
P.O. Box 2360
Honolulu, Hawai'i 96804</p> |
| <p>3. Patrick Leonard
Field Supervisor
U. S. Fish and Wildlife Service
300 Ala Moana Blvd., Rm. 3-122, Box 50088
Honolulu, Hawai'i 96813</p> | <p>8. Micah Kane, Chairman
Department of Hawaiian Home Lands
P. O. Box 1879
Honolulu, Hawai'i 96805</p> |
| <p>4. Russ K. Saito, State Comptroller
Department of Accounting and General
Services
1151 Punchbowl Street, #426
Honolulu, Hawai'i 96813</p> | <p>9. Chiyome Fukino, M.D., Director
State of Hawai'i
Department of Health
919 Ala Moana Blvd., Room 300
Honolulu, Hawai'i 96814</p> |
| <p>5. Sandra Lee Kunimoto, Chair
Department of Agriculture
1428 South King Street
Honolulu, Hawai'i 96814-2512</p> | <p>10. Alec Wong, P.E., Acting Chief
Clean Water Branch
State of Hawai'i
Department of Health
919 Ala Moana Blvd., Room 300
Honolulu, Hawai'i 96814</p> |

11. Herbert Matsubayashi
District Environmental Health
Program Chief
State of Hawai'i
Department of Health
54 High Street
Wailuku, Hawai'i 96793
12. Laura Thielen, Interim Chairperson
State of Hawai'i
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawai'i 96809
13. Melanie Chinen, Administrator
State of Hawai'i
Department of Land and Natural Resources
State Historic Preservation Division
601 Kamokila Blvd., Room 555
Kapolei, Hawai'i 96707
14. Barry Fukunaga, Director
State of Hawai'i
Department of Transportation
869 Punchbowl Street
Honolulu, Hawai'i 96813
- cc: Fred Cajjgal
15. Laurence K. Lau, Interim Director
Office Of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawai'i 96813
16. Haunani Apoliona, Board of Trustee Chair
Office of Hawaiian Affairs
711 Kapiolani Boulevard, Suite 500
Honolulu, Hawai'i 96813
17. Mary Lou Kobayashi, Administrator
State of Hawai'i
Office of Planning
P.O. Box 2359
Honolulu, Hawai'i 96804
18. Charmaine Tavares, Mayor
County of Maui
200 South High Street
Wailuku, Hawai'i 96793
19. Deidre Tegarden, Director
County of Maui
Office of Economic Development
2200 Main Street, Suite 305
Wailuku, Hawai'i 96793
20. Gen Inuma, Administrator
Maui Civil Defense Agency
200 South High Street
Wailuku, Hawai'i 96793
21. Carl Kaupololo, Chief
County of Maui
Department of Fire and Public Safety
200 Dairy Road
Kahului, Hawai'i 96732
22. Vanessa A. Medeiros, Director
County of Maui
Department of Housing and Human Concerns
200 South High Street
Wailuku, Hawai'i 96793
23. Tamara Horcajo, Director
County of Maui
Department of Parks and Recreation
700 Hali'a Nakoia Street, Unit 2
Wailuku, Hawai'i 96793
24. Jeffrey Hunt, Director
County of Maui
Department of Planning
250 South High Street
Wailuku, Hawai'i 96793
25. Thomas Phillips, Chief
County of Maui
Police Department
55 Mahalani Street
Wailuku, Hawai'i 96793
26. Milton Arakawa, Director
County of Maui
Department of Public Works
200 South High Street
Wailuku, Hawai'i 96793

27. Cheryl Okuma, Director
County of Maui
Department of Environmental Management
One Main Plaza
2200 Main Street, Suite 176
Wailuku, Hawai'i 96793
28. Donald Medeiros, Director
County of Maui
Department of Transportation
200 South High Street
Wailuku, Hawai'i 96793
29. Jeffrey Eng, Director
County of Maui
Department of Water Supply
200 South High Street
Wailuku, Hawai'i 96793
30. Councilmember Joseph Pontanilla
Maui County Council
200 South High Street
Wailuku, Hawai'i 96793
31. Councilmember Michael Victorino
Maui County Council
200 South High Street
Wailuku, Hawai'i 96793
32. **Hawai'ian Telcom**
60 South Church Street
Wailuku, Hawai'i 96793
33. Neal Shinyama, Manager – Engineering
Maui Electric Company, Ltd.
P.O. Box 398
Kahului, Hawai'i 96733
34. Pamela Tumpap, Executive Director
Maui Chamber of Commerce
313 Ano Street
Kahului, Hawai'i 96732
35. Sandy Baz, Executive Director
Maui Economic Opportunity
99 Mahalani Street
Wailuku, Hawai'i 96793

MAY 17 2009

United States Department of Agriculture



Natural Resources Conservation Service
77 Ho'okele Street, Suite 202
Kahului, HI 96732
Phone 808-871-5500
Fax 808-873-6184

May 15, 2009

Mr. Erin Mukai
Munekiyo & Hiraga, Inc.
305 High St., Suite 104
Wailuku, HI 96793

Subject: Early Consultation for Proposed Improvements to the Queen Kaahumanu
Shopping Center Transfer Center; TMK: 3-7-002: 020

Dear Mr. Mukai:

We have no comments at this time.

Thank you for the opportunity to comment

Sincerely,

A handwritten signature in black ink, appearing to read "Ranae Ganske-Cerizo".

Ranae Ganske-Cerizo
District Conservationist

Helping People Help the Land

An Equal Opportunity Provider and Employer



REPLY TO
ATTENTION OF:**DEPARTMENT OF THE ARMY**
U.S. ARMY CORPS OF ENGINEERS, HONOLULU DISTRICT
FORT SHAFTER, HAWAII 96858-5440

June 2, 2009

Regulatory Branch

File Number POH-2009-00186

Mr. Michael T. Munekiyo, A.I.C.P.
Project Manager
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, HI 96793

Dear Mr. Munekiyo:

This responds to your request for written comments for the preparation of a draft Environmental Assessment (dEA) which will address activities and impacts of the proposed Bus Transfer Center Improvements project located within the Queen Kaahumanu Shopping Center, Kahului, Maui Island (TMK (2) 3-7-002: por. 20).

The dEA should indicate whether waters of the United States, as represented by perennial or intermittent streams, and wetlands are in, or adjacent to, or absent from, the proposed project area. The dEA should state in appropriate sections that there is, or no potential for waters of the U.S. to be impacted by construction of project structures and associated ground disturbing activities within the proposed improvement area. Upon our receipt of the dEA, it will be determined whether waters of the U.S. will be affected and whether a Department of Army (DA) permit for Section 404 activities of the Clean Water Act may, or may not be, required for the proposed Bus Transfer Center Improvements project.

Thank you for your consideration of potential impacts to the aquatic environment of the Kahului watershed. Please contact Mr. Farley Watanabe of my staff at 438-7701, or facsimile 438-4060, if you have any questions or need additional information. Please refer to File Number POH-2009-186 in any future correspondence with us.

Sincerely,

George P. Young, P.E.
Chief, Regulatory Branch



MICHAEL T. MUNEKIYO
GWEN HASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

George P. Young, P.E.
Department of the Army
U.S. Army Corps of Engineers
Honolulu District
Fort Shafter, Hawai'i 96858-5440

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020(por.))

Dear Mr. Young:

Thank you for your letter dated June 2, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments:

Response to Comment Regarding Waters of the United States

The Draft Environmental Assessment will address whether or not there are any streams and/or wetlands in the vicinity of the proposed project.

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,

Erin Mukai, Planner

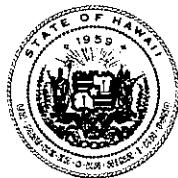
EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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MAY 29 2009

LINDA LINGLE
GOVERNOR



RUSS K. SAITO
COMPTROLLER

BARBARA A. ANNIS
DEPUTY COMPTROLLER

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

(P)1154.9

MAY 28 2009

Ms. Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Mukai:

Subject: Early Consultation for Proposed Improvements to the
Queen Kaahumanu Shopping Center Transfer Center
Kahului, Maui
TMK: (2) 3-7-002:020

Thank you for the opportunity to provide comments on the Early Consultation for Proposed Improvements to the Queen Ka'ahumanu Shopping Center Transfer Center. The project does not impact any of the Department of Accounting and General Services' projects or existing facilities, and we have no comments to offer at this time.

If you have any question, please call me at 586-0400 or have your staff call Mr. Clarence Kubo of the Public Works Division at 586-0488.

Sincerely,


RUSS K. SAITO
State Comptroller



STATE OF HAWAII
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAII 96804

OFFICE OF SCHOOL FACILITIES AND SUPPORT SERVICES

June 15, 2009

Ms. Erin Mukai, Planner
Munekiyo & Hiraga Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

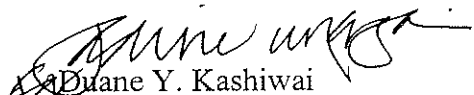
Dear Ms. Mukai:

Subject: Early Consultation on Improvements to the
Queen Kaahumanu Shopping Center Transfer Center
Kahului, Maui TMK: 3-7-002: 20

The Department of Education has no comment or concern with plans to improve the transfer center at the Queen Kaahumanu Shopping Center.

Thank you for the opportunity to comment. If you have any questions, please call Heidi Meeker of the Facilities Development Branch at (808) 377-8301.

Sincerely yours,


Duane Y. Kashiwai
Public Works Administrator

DYK:jmb

c: Bruce Anderson, CAS, Baldwin/Kekaulike/Maui Complex Areas

MAY 20 2009

LINDA LINGLE
GOVERNOR
STATE OF HAWAII



MICHAEL KANE
CHAIRMAN
HAWAIIAN HOMES COMMISSION

KAULANA H. PARK
DEPUTY TO THE CHAIRMAN

ROBERT J. HALL
EXECUTIVE ASSISTANT

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

P.O. BOX 1879
HONOLULU, HAWAII 96805

May 20, 2009

Munekiyo & Hiraga, Inc.
Attention: Erin Mukai
305 High Street, Suite 104
Wailuku, Hawaii I 96793

Dear Mr. Mukai:

Subject: Early Consultation for Proposed Improvements to
the Queen Kaahumanu Shopping Center Transfer
Center, Kahului, Maui (TMK (2) 3-7-002:020

Thank you for the opportunity to review the subject proposal.
The Department of Hawaiian Home Lands has no comment to offer at
this time. If you have any questions, please contact our
Planning Office at (808) 620-9480.

Aloha and mahalo,

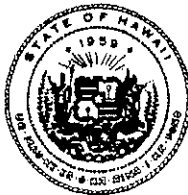
A handwritten signature in black ink, appearing to read "Micah Kane".

Micah A. Kane, Chairman
Hawaiian Homes Commission

Handwritten initials in black ink, possibly "JK".

MAY 20 2009

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. BOX 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
EMD / CWB

05072PMT.09

May 19, 2009

Ms. Erin Mukai
Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Mukai:

**Subject: Early Consultation Request - Draft Environmental Assessment (DEA)
Proposed Improvements to
Queen Kaahumanu Shopping Center Bus Transfer Center
TMK: (2) 3-07-002:020
Kahului, Island of Maui, Hawaii**

The Department of Health, Clean Water Branch (CWB), has reviewed your letter dated May 11, 2009, regarding the subject project and offers these comments. Please note that our review is based solely on the information provided in your letter for the subject project and its compliance with Hawaii Administrative Rules (HAR), Chapters 11-54 and 11-55. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at <http://www.hawaii.gov/health/environmental/env-planning/landuse/CWB-standardcomment.pdf>.

1. Any project and its potential impacts to State waters must meet the following criteria:
 - a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.
 - b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.
 - c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).

Ms. Erin Mukai
May 19, 2009
Page 2

05072PMT.09

2. You are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). For the following type of discharge into Class A or Class 2 State waters, you may apply for NPDES general permit coverage by submitting a Notice of Intent (NOI) form:


Storm water associated with construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NPDES permit is required before the start of the construction activities.

For this type of discharge you must submit the NOI at least 30 calendar days before the start of construction activities. The NOI forms may be picked up at our office or downloaded from our website at <http://www.hawaii.gov/health/environmental/water/cleanwater/forms/genl-index.html>.

3. You must also submit a copy of the NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), or demonstrate to the satisfaction of the CWB that SHPD has or is in the process of evaluating your project. Please submit a copy of your request for review by SHPD or SHPD's determination letter for the project along with your NOI or NPDES permit application, as applicable.
4. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage is required, must comply with the State's Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54, and/or permitting requirements, specified in HAR, Chapter 11-55, may be subject to penalties of \$25,000 per day per violation.

If you have any questions, please visit our website at <http://www.hawaii.gov/health/environmental/water/cleanwater/index.html>, or contact the Engineering Section, CWB, at (808) 586-4309.

Sincerely,


ALEC WONG, P.E., CHIEF
Clean Water Branch

MT:np



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Alec Wong, Chief
State of Hawai'i
Department of Health
Clean Water Branch
P.O. Box 3378
Honolulu, Hawai'i 96801-3378

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping
Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020
(por.))

Dear Mr. Wong:

Thank you for your letter dated May 19, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments:

Response to Comment No. 1

Your comments concerning Hawaii Administrative Rules (HAR), Chapter 11-54 are acknowledged. The proposed project will comply with the applicable State Water Quality Standards as specified in HAR, Chapter 11-54. Your comments have been forwarded to the project engineer for appropriate action.

Response to Comment No. 2

We note the requirements of Chapter 11-55, Hawaii Administrative Rules (HAR). We would also like to note that only minor grading is proposed for the project. The proposed grading will not alter general drainage patterns with respect to abutting properties. The proposed grading is required to install raised concrete slabs for the waiting areas associated with the bus stop.

According to the project's civil engineer, because the area to be disturbed is under one (1) acre, the project is exempt from applying for a National Pollutant Discharge Elimination System (NPDES) permit.

Alec Wong, Chief
October 1, 2009
Page 2

Response to Comment No. 3


Your comment concerning the submittal of the NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD) is noted. As applicable, the project engineer will coordinate with SHPD.

Response to Comment No. 4

The proposed project will comply with the applicable State Water Quality Standards as specified in HAR, Chapter 11-54, as well as Chapter 11-55.

Again, thank you for your comments concerning the subject project.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Erin Mukai', with a stylized flourish at the end.

Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

F:\DATA\RF\CountyBusStop\QKC\ec\DOHresltr.doc

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
MAUI DISTRICT HEALTH OFFICE
54 HIGH STREET
WAILUKU, MAUI, HAWAII 96793-2102

MAY 17 2009

CHIYOME L. FUKINO, M. D.
DIRECTOR OF HEALTH

LORRIN W. PANG, M. D., M. P. H.
DISTRICT HEALTH OFFICER

May 15, 2009

Ms. Erin Mukai
Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawai'i 96793

Dear Ms. Mukai:

**Subject: Early Consultation for Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center, Kahului, Maui
TMK: (2) 3-7-002: 020**

Thank you for giving us the opportunity to review and comment on this project. The following comments are offered:

The noise created during the construction phase of the project may exceed the maximum allowable levels as set forth in Hawaii Administrative Rules, Chapter 11-46 "Community Noise Control". A noise permit may be required and should be obtained before the commencement of this project.

It is strongly recommended that the Standard Comments found at the Department's website: <http://hawaii.gov/health/environmental/env-planning/landuse/landuse.html> be reviewed, and any comments specifically applicable to this project should be adhered to.

Should you have any questions, please call me at 808 984-8230 or e-mail me at patricia.kitkowski@doh.hawaii.gov.

Sincerely,

A handwritten signature in cursive script that reads "Patti Kitkowski".

Patti Kitkowski
Acting District Environmental Health Program Chief



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Patti Kitkowski
State of Hawai'i
Department of Health
Maui District Office
54 South High Street
Wailuku, Hawai'i 96793

SUBJECT: Proposed Improvements to the Queen Ka`ahumanu Shopping Center
Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020(por.))

Dear Ms. Kitkowski:

Thank you for your letter dated May 15, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments.

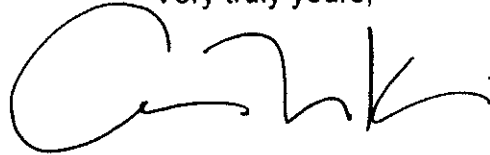
Response to Comments Regarding Community Noise Control

Your comments concerning Hawaii Administrative Rules (HAR), Chapters 11-46, "Community Noise Control", are acknowledged. The proposed project will meet the applicable criteria relating to the HAR. Your comments regarding the possible need for a noise permit, as applicable, are noted and have been forwarded to the project engineer for consideration.

Patti Kitkowski
October 1, 2009
Page 2

Again, thank you for your comments concerning the subject project.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Erin Mukai'. The signature is fluid and cursive, with a large initial 'E' and 'M'.

Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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MAY 15 2009

LINDA LINGLE
GOVERNOR OF HAWAII



Laura H. Thielen
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

May 13, 2009

Munekiyo & Hiraga, Inc.
305 High Street Suite 104
Wailuku, Hawaii 96793

Attention: Mr. Erin Mukai

Ladies and Gentlemen:

Subject: Early Consultation for Proposed Improvements to the Queen Kaahumanu
Shopping Center Transfer Center

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) has no other comments to offer on the subject matter. Should you have any questions, please feel free to call our office at 587-0433. Thank you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Morris M. Atta".

for Morris M. Atta
Administrator

LINDA LINGLE
GOVERNOR OF HAWAII

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
601 KAMOKILA BOULEVARD, ROOM 555
KAPOLEI, HAWAII 96707

LAURA H. THELEN
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

RUSSELL Y. TSUJI
FIRST DEPUTY

KEN C. KAWAHARA
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

May 26, 2009

Ms. Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawai'i 96793

LOG NO: 2009.2006
DOC NO: 0905PC42
Archaeology

**SUBJECT: Chapter 6E-8 Historic Preservation Review –
Early Consultation for Draft EA regarding Proposed Improvements to the Queen
Ka‘ahumanu Shopping Center Transfer Center [Project No. Q-TR-09-01]
Wailuku Ahupua‘a, Wailuku District, Island of Maui
TMK: (2) 3-7-002:020 por.**

Thank you for the opportunity to review the aforementioned correspondence, which we received on May 12 of 2009.

Based on the submitted document, the project involves improvements to an existing County of Maui bus transfer center located at the privately owned Queen Ka‘ahumanu Shopping Center in Kahului. Proposed improvements include the installation of 15 new bus shelters with seating and lighting, trash and recycle bins, bike racks, curbs, sidewalks, asphalt work, concrete bollards, re-striping/markings, landscaping and signage.

A field inspection of the areas to be affected by the proposed work was conducted in March of 2009 by Xamanek Researches, LLC (Madeus and Fredericksen). However, given the location of the proposed work in an area known to contain sand, along the coastline and/or in the vicinity of previously identified culturally and/or historically significant sites such as clustered and isolated human burials, a program of precautionary archaeology monitoring has been recommended for the area of potential effect (APE) within the subject parcel. It is understood that the APE has already been impacted by the construction of the shopping center and associated infrastructure, which is located on the site of the former Maui Land & Pineapple Kahului Cannery that is believed to fall within the bounds of the Kahului Historic District (SIHP #50-50-04-1607).

Therefore, because we believe archaeological sites may be present in subsurface deposits exposed during the proposed work, upon review of any permit application forwarded to us by the County of Maui, we will likely recommend the following:

A qualified archaeological monitor shall be present during all ground altering disturbance within the subject parcels for the proposed project in order to document any historic properties which may be encountered and to provide mitigation measures as necessary.

As per Hawai'i Administrative Rules (HAR) §13-279, this means that prior to the commencement of ground altering disturbance associated with the proposed project, an appropriately prepared *monitoring plan* must be submitted to this office for review and acceptance. The plan must contain the following provisions:


- 1) Specify the kinds of historically or culturally significant sites or remains of sites anticipated and where in the construction area they are likely to be found;
- 2) Specify how such sites or remains of sites will be documented;
- 3) Specify how such sites or remains of sites will be treated;
- 4) Specify that the archaeologist (s) conducting the monitoring has (have) the authority to halt construction in the immediate area of the find in order to carry out the plan;
- 5) Specify that coordination between the archaeologist and construction crew has been scheduled so that all involved parties are aware of the plan and what it means;
- 6) Specify what laboratory work will be performed on any cultural sites or remains of sites that might be found in the project area;
- 7) Specify details concerning the archiving of any collections that are made;
- 8) Specify a schedule of report preparation and that the report will be submitted within the required 180 days after completion of the proposed undertaking.

A list of those meeting the requirements to perform such work can be obtained on the SHPD's website at <http://hawaii.gov/dlnr/hpd/pdfs/2008-Permittee.pdf> or by contacting our main office at (808) 692-8015.

Please keep in mind that the SHPD Architecture Branch may have additional comments regarding the impact of the proposed project to the former pineapple cannery, which may be addressed separately.

If you have any questions or comments regarding this letter, please contact Patty Conte (Patty.J.Conte@hawaii.gov).

Aloha,



Nancy McMahon, Deputy SHPO/State Archaeologist
State Historic Preservation Division

c: Susan Tasaki, SHPD Architecture Branch: Susan.Y.Tasaki@hawaii.gov
Jeff Hunt, Director, Dept. of Planning, 250 S. High Street, Wailuku, Hawai'i 96793
Maui CRC, Dept. of Planning, 250 S. High Street, Wailuku, Hawai'i 96793



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Nancy McMahon
State of Hawai'i
Department of Land and Natural Resources
State Historic Preservation Division
601 Kamokila Boulevard, Room 555
Kapolei, Hawai'i 96707

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping
Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020
(por.))

Dear Ms. McMahon:

Thank you for your letter dated May 26, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments:

Response to Comment Regarding Archaeological Monitoring

We note your comment that a program of precautionary archaeological monitoring is recommended for the proposed project. As you may know, a draft archaeological monitoring plan has been prepared for the proposed project by Xamanek Researches, LLC and approved by your office in a letter dated August 24, 2009. The scope of the monitoring plan includes having an archaeological monitor present during all subsurface earthmoving activities. Further, a draft monitoring report, as well as a final monitoring report will be prepared for the project and submitted to your office.

Nancy McMahon
October 1, 2009
Page 2

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,



Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.
Erik Fredericksen, Xamanek Researches, LLC

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LINDA LINGLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

JUN 03 2009

BRENNON T. MORIOKA
DIRECTOR

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

IN REPLY REFER TO:

STP 8.3268

May 27, 2009

Ms. Erin Mukai
Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Mukai:

Subject: Queen Kaahumanu Shopping Center Transfer Station Proposed Improvements -
Early Consultation

Thank you for providing the subject project for the State Department of Transportation's (DOT) review and comments.

DOT understands that the subject project will improve the existing transfer station by installing fifteen (15) new bus shelters and associated improvements. The buses will use driveways from County highways for access to the Queen Kaahumanu Shopping Center bus transfer station.

DOT does not anticipate any significant, adverse impacts to the State Highway, Kaahumanu Avenue.

If there are any other questions, please contact Mr. David Shimokawa of the DOT Statewide Transportation Planning Office at (808) 587-2356.

Very truly yours,

A handwritten signature in black ink, appearing to be "BM", with a small dot at the end.

BRENNON T. MORIOKA, PH.D., P.E.
Director of Transportation

October 1, 2009

Brennon Morioka, PH.D., P.E.
State of Hawai'i
Department of Transportation
869 Punchbowl Street
Honolulu, Hawai'i 96813-5097

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping
Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020
(por.))

Dear Mr. Morioka:

Thank you for your letter dated May 27, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments:

Response to Comment Regarding Impacts to State Highways

We note your comment that your department does not anticipate any significant, adverse impacts to Ka'ahumanu Avenue, a State of Hawaii roadway facility.

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,



Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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JUN 2 2 2009

LINDA LINGLE
Governor of Hawai'i



KATHERINE PUANA KEALOHA
Director

STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

Telephone (808) 586-4185
Facsimile (808) 586-4186
Electronic Mail: oeqc@doh.hawaii.gov

Department of Health
235 South Beretania Street
Leiopapa A Kamehameha, Suite 702
Honolulu, Hawai'i 96813

June 18, 2009

Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawai'i 96793

Subject: Early Consultation for Proposed Improvements to the Queen Ka'ahumanu Shopping Center Transfer Center, Kahului, Maui (TMK: (2) 3-7-002:020)

Dear Ms. Mukai:

Thank you for your pre-consultation letter dated May 11, 2009. The Office of Environmental Quality Control does not have particular concerns regarding the project at this time.

However, we wish to remind you of the submittal deadlines, and the submittal requirements as described on our website: <http://hawaii.gov/health/environmental/oeqc/index.html/>.

Should you have further questions, please call our office at 586-4185.

Sincerely,

A handwritten signature in black ink, appearing to read "Katherine Puana Kealoha".

KATHERINE PUANA KEALOHA
Director

JUN 24 2009

PHONE (808) 594-1888

FAX (808) 594-1865



STATE OF HAWAII
OFFICE OF HAWAIIAN AFFAIRS
711 KAPI'OLANI BOULEVARD, SUITE 500
HONOLULU, HAWAII 96813

HRD09/4365

June 19, 2009

Erin Mukai
Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, HI 96793

**RE: Request for early consultation on proposed improvements to the Queen
Ka'ahumanu Shopping Center Transfer Center, Kahului, Maui; TMK: (2) 3-7-002:
020.**

Aloha e Erin Mukai,

The Office of Hawaiian Affairs (OHA) is in receipt of the above-mentioned request for comment, dated May 11, 2009. According to the document, the County of Maui, through its Bus Stop Project, is proposing improvements to the existing bus transfer center at Queen Ka'ahumanu Shopping Center in Kahului. OHA has reviewed the proposed project and has no comments at this time.

Thank you, however, for the opportunity to comment. We look forward to the opportunity to review and comment upon the forthcoming Draft Environmental Assessment. If you have further questions, please contact Heidi Guth by phone at (808) 594-1962 or e-mail her at heidig@oha.org.

'O wau iho nō me ka 'oia 'i'o,

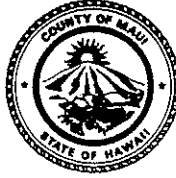
A handwritten signature in black ink, appearing to read "Clyde W. Nāmu'o".

Clyde W. Nāmu'o
Administrator

C: OHA Maui Community Resources Coordinator

JUN 30 2009

CHARMAINE TAVARES
MAYOR



JEFFREY A. MURRAY
CHIEF

ROBERT M. SHIMADA
DEPUTY CHIEF

COUNTY OF MAUI
DEPARTMENT OF FIRE AND PUBLIC SAFETY
FIRE PREVENTION BUREAU

780 ALUA STREET
WAILUKU, HAWAII 96793
(808) 244-9161
FAX (808) 244-1363

June 26, 2009

Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, HI 96793

Subject: Early Consultation for Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center, Kahului, HI; TMK: (2) 3-7-002:020

Dear Ms. Mukai,

The Department of Fire and Public Safety has reviewed the information provided for the proposed improvements to the Queen Kaahumanu Shopping Center Transfer Center in Kahului, Maui. We appreciate the opportunity to review the project at this stage and feel the improvements will provide a safer environment for bus patrons. We have no other comments at this time. A detailed review of the project will be conducted by our office during the building permit process.

Please feel free to contact Captain Val Martin of our Fire Prevention Bureau at 244-9161 if you have any questions or concerns regarding this subject.

Sincerely,

A handwritten signature in black ink, appearing to read "Valerie Brandon", is written over a horizontal line.

Valerie Brandon
Firefighter I
Fire Prevention Bureau

For: Valeriano F. Martin
Captain
Fire Prevention Bureau



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Valeriano Martin, Captain
Department of Fire and Public Safety
County of Maui
780 Alua Street
Wailuku, Hawai'i 96793

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping
Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020
(por.))

Dear Captain Martin:

Thank you for your letter dated June 26, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we note that the project's design team will undertake the required coordination with the Department of Fire and Public Safety to address applicable building permit requirements.

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,

Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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environment
planning
government



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
COUNTY OF MAUI

MAY 20 2009

CHARMAINE TAVARES
Mayor

LORI TSUHAKO
Director

JO-ANN T. RIDAO
Deputy Director

2200 MAIN STREET • SUITE 546 • WAILUKU, HAWAII 96793 • PHONE (808) 270-7805 • FAX (808) 270-7165
MAILING ADDRESS: 200 SOUTH HIGH STREET • WAILUKU, HAWAII 96793 • EMAIL director.hhc@mauicounty.gov

May 18, 2009

Ms. Erin Mukai
Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Mukai:

SUBJECT: Early Consultation for Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020)

The Department has reviewed the Early Consultation Request for the above subject project. Based on our review, we have determined that the subject project is not subject to Chapter 2.96, Maui County Code. At the present time, the department has no additional comments to offer.

Please call Mr. Wayde Oshiro of our Housing Division at 270-7355 if you have any questions.

Sincerely,

LORI TSUHAKO, LSW, ACSW
Director of Housing and Human Concerns

xc: Housing Division



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Lori Tsuhako, Director
Department of Housing and Human Concerns
County of Maui
2200 Main Street, Suite 546
Wailuku, Hawai'i 96793

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping
Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-
002:020(por.))

Dear Ms. Tsuhako:

Thank you for your letter dated May 18, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we acknowledge your confirmation that the subject project is not subject to Chapter 2.96, Maui County Code.

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,

Erin Mukai, Planner

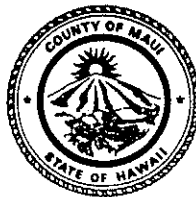
EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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MAY 20 2009

CHARMAINE TAVARES
Mayor



TAMARA HORCAJO
Director

ZACHARY Z. HELM
Deputy Director

(808) 270-7230
FAX (808) 270-7934

DEPARTMENT OF PARKS & RECREATION

700 Hali'a Nakoa Street, Unit 2, Wailuku, Hawaii 96793

May 14, 2009

Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

SUBJECT: Early Consultation for Proposed Improvements to the Queen
Kaahumanu Shopping Center Transfer Center, Kahului, Maui
(TMK: 3-7-002:020)

Dear Ms. Mukai:

We have reviewed the proposed project and have no comments or objections to submit at this time.

Thank you for the opportunity to review and comment on this matter. Please feel free to contact me or Mr. Patrick Matsui, Chief of Parks Planning and Development at 270-7387 should you have any other questions.

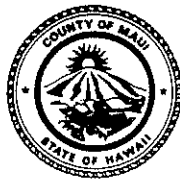
Sincerely,

TAMARA HORCAJO
Director of Parks & Recreation

c: Patrick T. Matsui, Chief of Parks Planning and Development

TH:PTM:do

CHARMAINE TAVARES
Mayor
JEFFREY S. HUNT
Director
KATHLEEN ROSS AOKI
Deputy Director



JUN 24 2009

COUNTY OF MAUI
DEPARTMENT OF PLANNING

June 23, 2009

Ms. Erin Mukai
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Ms. Mukai:

SUBJECT: EARLY-CONSULTATION COMMENTS REGARDING THE PROPOSED IMPROVEMENTS TO THE QUEEN KAAHUMANU SHOPPING CENTER TRANSFER STATION, LOCATED AT KAHULUI, MAUI, HAWAII, TMK: (2) 3-7-002:020 (EAC 2009/0023)

The Department of Planning (Department) reviewed your letter dated May 11, 2009, requesting pre-consultation comments in preparation of the Draft Environmental Assessment (EA) for the subject project. Thank you for the opportunity to respond to your proposed project at this early date.

The Department understands that the proposed project is to complete improvements to the existing bus transfer station at the Queen Kaahumanu Shopping Center, Kahului, Maui. A site map and proposed regional bus stop summary pages were included with this initial request.

The Department has the following comments regarding the development of the EA at this time:

1. The project must comply with Chapter 343, Hawaii Revised Statutes (HRS), and is subject to an EA. The County of Maui must determine who will be the Accepting Authority for the EA;
2. The proposed project is expected to impact traffic and parking in the vicinity. Provide a comprehensive traffic impact analysis including cumulative impacts to the area, which include traffic impacts created by other known, permitted, proposed, significant developments impacting the traffic in the area;
3. Ensure that the project will meet County of Maui parking code requirements;
4. Provide the public the opportunity to understand and comment on the project. Document all public meetings and community meetings, and document answers to all significant inquiries about the project;
5. As part of the project, consider providing adequate signage to direct patrons to the Bus Transfer Station;

Ms. Erin Mukai
June 23, 2009
Page 2

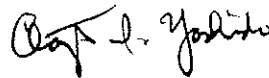
6. As part of the project, consider developing a bus patron pick up and drop off area for incoming cars that will create easy-in and easy-out pick up, or create an alternate patron pick up area;

In addition, the project is located in the Special Management Area (SMA) and is subject to a SMA Assessment:

7. Upon submission of the required SMA Use Permit Application, the Department will confirm that the property is located in the State Land Use "Urban" District, Wailuku-Kahului Community Plan "Heavy Industrial" designation, and is zoned "M-2 Heavy Industrial". Document that the proposed project meets the intent of the Wailuku-Kahului Community Plan;
8. Several of the bus stops, if located in the Shoreline Setback Area of Kihei and Lahaina or other shoreline locations, will require a Shoreline Setback Approval Application for the Director to determine if the bus stops are considered "minor structures" under the *Shoreline Rules for the Maui Planning Commission*, Section 12-203-4, Definitions; and
9. Once the SMA Use Permit is submitted for review by the Applicant to the Department, and the Application is deemed complete, the Department will transmit the Application to Local, State, and Federal agencies for further comment and review. The Applicant is required to address all agency comments and concerns.

If you require further clarification, please contact Staff Planner James Buika via email at james.buika@mauicounty.gov or by phone at 270-6271.

Sincerely,



CLAYTON I. YOSHIDA, AICP
Planning Program Administrator

for JEFFREY S. HUNT, AICP
Planning Director

xc: Aaron H. Shinmoto, PE, Planning Program Administrator (2)
John Summers, AICP, Planning Program Administrator
James A. Buika, Staff Planner
EAC File
General File

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MICHAEL T. MUNEKIYO
GWEN DHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Jeffrey S. Hunt, Director
Attn: James Buika, Staff Planner
Department of Planning
County of Maui
250 South High Street
Wailuku, Hawai'i 96793

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020 (por.))

Dear Mr. Hunt:

Thank you for your letter dated June 23, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation (DOT), we would like to offer the following information in response to your comments:

Response to Comment No. 1

The proposed project will comply with Chapter 343, Hawaii Revised Statutes (HRS). A Draft Environmental Assessment (EA) is being prepared for the proposed project. We also note that the DOT has determined that it will serve as the Approving Agency for the EA.

Response to Comment No. 2

The bus transfer center at the Queen Ka'ahumanu Shopping Center is an existing operation and use of the property. The proposed improvements will not increase the total number of buses that can stop at the center at one time. The current configuration of the transfer center accommodates a total of five (5) buses. Following project completion, the transfer center will continue to accommodate five (5) buses. Further, the DOT does not anticipate a change in the near future to scheduling and routing that would in turn affect the number of buses the transfer center would process in a single day. However, in the long term, the DOT wishes to secure additional routes as passenger ridership is anticipated to increase. This, however, is largely determined by funding and is not anticipated to occur in the near to mid-term time horizon.

Because the Maui Bus operations are an existing use at the site, and because the proposed improvements will not increase the number of buses the transfer center can process the proposed project is not anticipated to have any significant adverse impacts on surrounding traffic conditions.

Response to Comment No. 3

As a separate matter, the owners of the Queen Ka'ahumanu Shopping Center and its representatives will coordinate with the Zoning Administration and Enforcement Division to ensure that parking requirements pursuant to Maui County Code are met for the shopping center facility.

Response to Comment No. 4

We note your comments regarding public understanding of and comment on the proposed project. Public awareness of the project is being promoted through the EA and SMA permit processes.

Response to Comment No. 5

We acknowledge your comment regarding the consideration of signage to direct patrons to the bus transfer center. At this time, the DOT does not envision utilizing signage at the bus transfer center identifying specific stops for various routes. The route is presently posted on the front of the bus so that patrons may identify their desired route. The possibility of providing signage within the shopping center will be discussed with the owners of Queen Ka'ahumanu Shopping Center and DOT.

Response to Comment No. 6

Presently, a bus patron pick-up and drop-off area is not proposed as part of the proposed project. However, we note that there is sufficient space with accompanying compatible geometrics for such activities near the Macy's Men retail outlet which is located in close proximity to the existing bus transfer center.

Response to Comment No. 7

We note that a Zoning and Flood Confirmation Form has been submitted to the Department of Planning. The completed form will be included as part of the application submittal. Further, we note your comment that the EA should include documentation that the proposed project meets the intent of the Wailuku-Kahului Community Plan. Such discussion will be included in Chapter 3 of the Draft EA.

Response to Comment No. 8

We note your comments concerning separate projects relating to the County of Maui Maui Bus operations. Separate applications will be filed as appropriate.

Jeffrey S. Hunt, Director
October 1, 2009
Page 3

Response to Comment No. 9

The Department of Transportation will be coordinating with the Planning Department to work out a consolidated agency review process in which the Draft EA and SMA application is transmitted to local, State and Federal agencies under a single cover letter. In this regard, we look forward to working with you in coordinating the distribution of the Draft EA and SMA application.

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,



Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

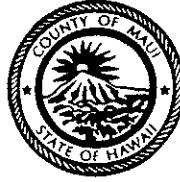
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JUN 04 2009

RALPH NAGAMINE, L.S., P.E.
Development Services Administration

CARY YAMASHITA, P.E.
Engineering Division

BRIAN HASHIRO, P.E.
Highways Division



CHARMAINE TAVARES
Mayor

MILTON M. ARAKAWA, A.I.C.P.
Director

MICHAEL M. MIYAMOTO
Deputy Director

Telephone: (808) 270-7845
Fax: (808) 270-7955

COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
200 SOUTH HIGH STREET, ROOM NO. 434
WAILUKU, MAUI, HAWAII 96793

June 1, 2009

Ms. Erin Mukai, Planner
MUNEKIYO & HIRAGA, INC.
305 High Street, Suite 104
Wailuku, Maui, Hawaii 96793

Dear Ms. Mukai:

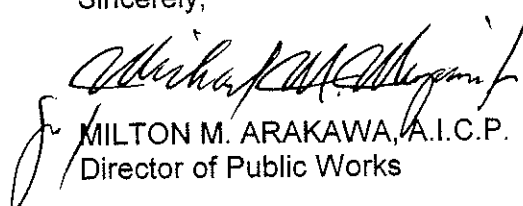
SUBJECT: EARLY CONSULTATION FOR PROPOSED IMPROVEMENTS
TO THE QUEEN KAAHUMANU SHOPPING CENTER
TRANSFER CENTER
TMK: (2) 3-7-002:020

We have reviewed your early consultation request and offer the following comments:

1. Recommend the use of reinforced concrete (pavement) for the areas identified as "Bus Stop" as the reinforced concrete will better handle the weight and acceleration/deceleration of these heavy buses for a longer term than would asphalt concrete.
2. All proposed structures (Bus Shelters) must be consistent with the minimum type of construction (V-N with 2-hour Areas Separation Walls and Fire Sprinklers) as approved for the Queen Kaahumanu Shopping Center and constructed pursuant to all applicable Building Codes and/or ordinances, as amended.

Please call Michael Miyamoto at 270-7845 if you have any questions regarding this letter.

Sincerely,



MILTON M. ARAKAWA, A.I.C.P.
Director of Public Works

MMA:MMM:ls

xc: Highways Division
Engineering Division

S:\LUCA\GZM\Prop_Imp_to_Kaahumanu_SC_Transfer_Ctr_ec_37002020_Is.wpd



MICHAEL T. MUNEKIYO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Milton M. Arakawa, Director
Department of Public Works
County of Maui
200 South High Street, #434
Wailuku, Hawai'i 96793

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping Center Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020(por.))

Dear Mr. Arakawa:

Thank you for your letter dated June 1, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation (DOT), we would like to offer the following information in response to your comments:

Response to Comment No. 1

Your recommendation of the use of reinforced concrete has been forwarded to the DOT and the project engineer for consideration.

Response to Comment No. 2

All proposed structures will be constructed pursuant to all applicable building codes and ordinances.

Milton Arakawa, Director
October 1, 2009
Page 2

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Erin Mukai', with a stylized flourish at the end.

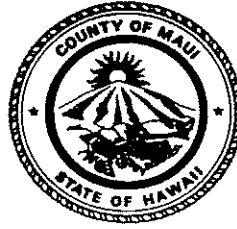
Erin Mukai, Planner

EM:lh

cc: Don Medeiros, Department of Transportation
Mike Silva, Ronald M. Fukumoto Engineering, Inc.

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CHARMAINE TAVARES
Mayor
CHERYL K. OKUMA, Esq.
Director
GREGG KRESGE
Deputy Director



TRACY TAKAMINE, P.E.
Solid Waste Division
DAVID TAYLOR, P.E.
Wastewater Reclamation
Division

**COUNTY OF MAUI
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**
2200 MAIN STREET, SUITE 100
WAILUKU, MAUI, HAWAII 96793

June 2, 2009

Ms. Erin Mukai
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

**SUBJECT: QUEEN KAAHUMANU SHOPPING CENTER TRANSFER CENTER
EARLY CONSULTATION
TMK (2) 3-7-002:020, KAHULUI**

We reviewed the subject application and have the following comments:

- 1. Solid Waste Division comments:
 - a. None.
- 2. Wastewater Reclamation Division (WWRD) comments:
 - a. None.

If you have any questions regarding this memorandum, please contact Gregg Kresge at 270-8230.

Sincerely,


Cheryl Okuma, Director

JUN 0 1 2009

Council Chair
Danny A. Mateo

Vice-Chair
Michael J. Molina

Council Members
Gladys C. Baisa
Jo Anne Johnson
Sol P. Kaho'ohalahala
Bill Kauakea Medeiros
Wayne K. Nishiki
Joseph Pontanilla
Michael P. Victorino



Director of Council Services
Ken Fukuoka

COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.mauicounty.gov/council

May 27, 2009

Munekiyo and Hiraga, Inc.
Attention: Erin Mukai, Planner
305 High Street, Suite 104
Wailuku, HI 96793

SUBJECT: Early Consultation Request for Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020)

Dear Ms. Mukai:

Thank you for the opportunity to provide early review and comments for the Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020).

After review of the information presented, I have no comments at this time.

Sincerely,

A handwritten signature in black ink that reads "Joseph Pontanilla".

JOSEPH PONTANILLA,
COUNCIL MEMBER

MAY 21 2009

Network Engineering and Planning
OSP Engineering - Maui

Hawaiian Telcom

60 South Church St.
Wailuku, HI 96793
Phone 808 242-5102
Fax 808 242-8899

May 13, 2009

Munekiyo & Hiraga, Inc.
305 High St., Suite 104
Wailuku, HI 96793

ATTN: Erin Mukai, Planner

SUBJECT: Proposed Improvements to the Queen Kaahumanu Shopping Center
Transfer Center / Maui County Bus Stop Project
TMK: (2) 3-7-002:020, Kahului

Dear Erin,

Thank you for allowing us to review and comment on the Early Consultation Request for the Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center Environmental Assessment (EA). Your plans have been received and put on file.

Hawaiian Telcom, Inc. has no comment, nor do we require any additional information at this time.

We look forward to receiving the Environmental Assessment (EA) Documents. Should you require further assistance, please call Tom Hutchison at 242-5107.

Sincerely,

Stephanie B. Ueha

for: Lynette Yoshida
Network Engineering Senior Manager

LY/TH/sbv

CC: Engineer
BICS File # 0905-042 (3030)

MAY 14 2009

Maui Electric Company, Ltd. • 210 West Kamehameha Avenue • PO Box 398 • Kahului, Maui, HI 96733-6898 • (808) 871-8461



May 13, 2009

Ms. Erin Mukai, Planner
Munekiyo & Hiraga, Inc.
305 South High Street, Suite 104
Wailuku, Maui, Hawaii, 96793

Dear Ms. Mukai,

Subject: Queen Kaahumanu Shopping Center Transfer Center
Early Consultation Request
Kahului, Maui, Hawaii
Tax Map Key: (2) 3-7-002:020

Thank you for allowing us to comment on the Early Consultation for the subject project.

In reviewing our records and the information received, Maui Electric Company has no objection to the subject project at this time.

Should you have any questions or concerns, please call me at 871-2340.

Sincerely,

A handwritten signature in cursive script that reads "Ray Okazaki". The signature is written in black ink and is positioned above the typed name and title.

Ray Okazaki
Staff Engineer



Maui Economic Opportunity, Inc.

P.O. Box 2122
Kahului, HI 96733
808-249-2990
Fax: 808-249-2991
www.meoinc.org

June 2, 2009

Munekiyo & Hiraga, Inc.
Attention: Erin Mukai
305 High Street, Suite 104
Wailuku, Hawaii 96793

To Whom It May Concern:

RE: Early Consultation for Proposed Improvements to the Queen Kaahumanu Shopping Center Transfer Center at Kahului, Maui, Hawaii (TMK (2) 3-7-002: 020.

On behalf of Maui Economic Opportunity, Inc. ("MEO"), I thank you for the opportunity to provide early consultation comments on the proposed project by the Department of Transportation, County of Maui to upgrade the existing bus transfer center at the Queen Kaahumanu Shopping Center (QKSC").

As a provider of transportation services for the elderly, youth, and persons with special needs, MEO supports initiatives to improve public transit facilities for Maui residents and visitors. The proposed project addresses the growing demand for bus services on Maui and provides safer and more comfortable accommodations for bus passengers.

Currently, MEO Transportation utilizes a loading zone at the QKSC near the Starbucks coffee shop in the vicinity of the main entry along Kaahumanu Avenue. On a daily basis, MEO vans and/or buses make about 8 to 10 stops here, depending on client demand. Because this loading zone is shared with shopping center customers, delivery vehicles, and private tour transportation companies, it can be very congested, when MEO vans/buses arrive. For this reason, optional pick-up/drop-off areas within the QKSC are desirable for MEO.

Would there be an opportunity for MEO to also utilize the proposed upgraded bus transfer center on a limited basis? MEO Transportation is a recipient of County and other public funding, and the option of having two (2) drop-off/pick-up points within the QKSC would benefit our elderly and special needs clients.

In closing, I appreciate the opportunity to provide comments on the proposed project. Should further clarification be needed, please contact Mr. John Min, MEO Projects Manager, at 283-4403.

Sincerely,

A handwritten signature in black ink that reads 'Sandy Baz'.

Sandy Baz, CEO

Cc: Harry Johnson, MEO Transportation Services Director

The Promise of Community Action

Community Action changes people's lives, embodies the spirit of hope, improves communities, and makes America a better place to live. We care about the entire community, and we are dedicated to helping people help themselves and each other.





MICHAEL T. MUNEKIYDO
GWEN OHASHI HIRAGA
MITSURU "MICH" HIRANO
KARLYNN FUKUDA

MARK ALEXANDER ROY

October 1, 2009

Sandy Baz, CEO
Maui Economic Opportunity, Inc.
P.O. Box 2122
Kahului, Hawai'i 96733

SUBJECT: Proposed Improvements to the Queen Ka'ahumanu Shopping Center Bus Transfer Center, Kahului, Maui (TMK (2) 3-7-002:020 (por.))

Dear Mr. Baz:

Thank you for your letter dated June 2, 2009, responding to our request for early consultation on the subject project. On behalf of the applicant, the County of Maui, Department of Transportation, we would like to offer the following information in response to your comments:

Response to Comment Regarding MEO Opportunity to Utilize Bus Transfer Center

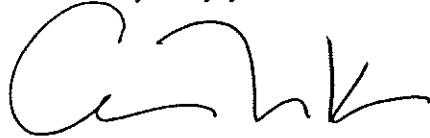
While the Department of Transportation recognizes the valuable services provided by Maui Economic Opportunity, Inc., the Department would also like to note that the operations of the Maui Bus run on a tight time schedule and loads to bus stop availability at the site will alter the schedule of the Maui Bus. The proposed plans to improve the bus transfer center will not alter the number of buses that will be able to stop at the center at one single time.

Notwithstanding, the Department is open to discussing with MEO and the Queen Ka'ahumanu Shopping Center, opportunities which will improve transportation services to all segments of our community.

Sandy Baz, CEO
October 1, 2009
Page 2

Again, thank you for your comments concerning the subject project. A copy of the Special Management Area Use Permit Application and the Draft Environmental Assessment will be sent your office for review and comment.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Erin Mukai', written in a cursive style.

Erin Mukai, Planner

EM:lh

cc: Mike Silva, Ronald M. Fukumoto Engineering, Inc.
Don Medeiros and Jim Oster, Department of Transportation

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X. REFERENCES

X. REFERENCES

County of Maui, The General Plan of the County of Maui, September 1990 Update.

County of Maui, Wailuku-Kahului Community Plan, December 2002.

County of Maui, Office of Economic Development, Maui County Data Book 1996-97. July 1997.

County of Maui, Office of Economic Development, Maui County Data Book 2001, June 2001.

County of Maui, Department of Planning, Socio-Economic Forecast: The Economic Projections for the Maui County General Plan 2030, June 2006.

Helber Hastert & Fee, Planners, Inc., University of Hawai'i, Maui Community College: Long Range Development Plan, November 2006.

Munekiyo & Hiraga, Inc., Final Environmental Assessment-Proposed Demolition of Remaining Maui Palms Hotel Structure, June 2007.

Ronald M. Fukumoto Engineering, Inc., Kahului Drainage Master Plan, May 1992.

University of Hawai'i, Land Study Bureau, Detailed Land Classification Island of Maui, May 1967.

University of Hawai'i, Department of Geography, Atlas of Hawai'i, Second Edition, 1983.

U.S. Department of Agriculture, Soil Conservation Service, Soil Survey of Islands of Kauai, Oahu, Maui, Molokai and Lanai, State of Hawai'i, August 1972.

Wilson Okamoto & Associates, Inc., County of Maui: Infrastructure Assessment Update, May 2003.

APPENDIX A.

**Archaeological Field
Inspection Prepared by
Xamanek Researches, LLC**

**An Archaeological Field Inspection of the Queen Ka`ahumanu
Center Bus Transfer Station in Kahului,
Island of Maui
(County Project No: Q-TR-09-01)
Wailuku *Ahupua`a*, Wailuku District
(TMK: [2] 3-7-002: 020)**

Prepared for:

**The County of Maui
Department of Transportation**

Prepared by

**Xamanek Researches, LLC
Pukalani, Maui**

**Jonas K. Madeus
Erik Fredericksen**

10 April 2009

Introduction

Mr. Michael Munekiyo of Munekiyo & Hiraga, Inc. contacted Erik Fredericksen of Xamanek Researches LLC about archaeological work that would be needed for scheduled improvements for ten COM Bus Stop locations in the fall of 2008 (County Project NO. Q-TR-09-01). Improvements will include the placement of more substantial bus shelters in some locations, the placement of large signs, lighting and other assorted actions that will involve subsurface disturbance activities. Because of the somewhat unusual nature of the overall project (i.e. covering different portions of the island), Erik Fredericksen contacted Ms. Jenny Pickett, assistant staff archaeologist of the State Historic Preservation Division (SHPD) Maui office. Given that the various bus stops scheduled for improvements were located in different portions of Maui and in likely previously disturbed areas, it was decided that archaeological field inspections were most appropriate to assist in determining what additional mitigation actions, if any, were necessary. The Queen Ka`ahumanu Center stop is a transfer station and it will be the first improvement project. Consequently, it is separately covered in this report.¹

The Queen Ka`ahumanu Center transfer station is located within the shopping center complex in Kahului. (see Figures 1 through 3, Photo # 1 and Table 1). Xamanek Researches, LLC carried out this inspection on 30 March and 7 April 2009. Erik Fredericksen (SHPD Permit # 09-10) was the principle investigator for this project and inspected this bus stop location on 30 March 2009. Jonas Madeus, B.A. documented this bus stop location on 7 April 2009 and carried out a more detailed surface inspection.

Table 1. Tax Map Key of Bus Stop # 1079

Sheet	Stop Description	Tax Map Key	Parcel Description
C-7	Queen Ka`ahumanu Center	3-7-002:020	QKC Maui

¹ The nine bus stops are discussed in a separate field inspection report.

MAUI COUNTY BUS STOPS

PROJECT NO. Q-TR-09-01

KIHEI, LAHAINA, MAKAWAO,
KAHULUI, WAILUKU,
MAUI, HAWAII

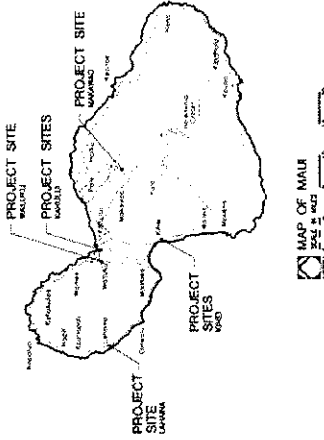
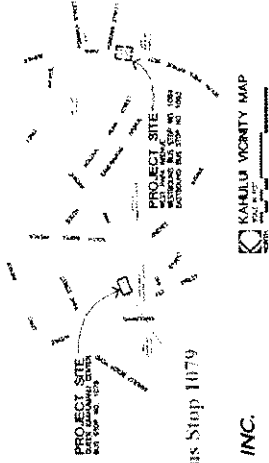
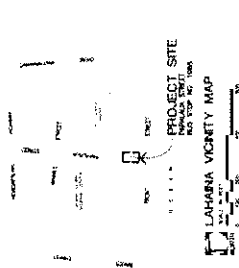
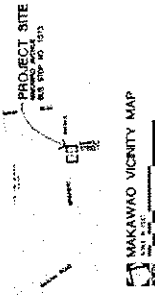
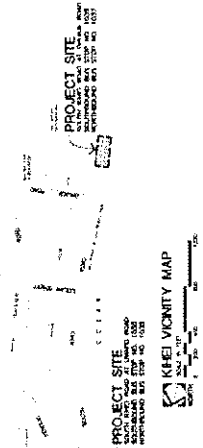
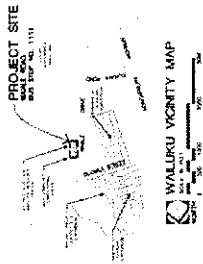
PREPARED FOR:

DEPARTMENT OF TRANSPORTATION
COUNTY OF MAUI
200 SOUTH HIGH STREET WAILUKU,
MAUI, HAWAII 96793

PREPARED BY:

RFE RONALD M. FUKUMOTO ENGINEERING, INC.
Civil Engineers & Land Surveying Consultants
1721 Wili Pa Loop, Suite 203, Wailuku, Hawaii 96793

Bus Stop 1079



INDEX OF DRAWINGS

SHT	SHT NO.	DESCRIPTION
1	1-1	TITLE SHEET
3	3-1	SOUTH HAVANA RD. AT HANA ROAD JUNCTION PLAN SHEET NO. 1009, 1028
3	3-2	WAILUKU ROAD AT SOUTH HAVANA RD. JUNCTION PLAN SHEET NO. 1027, 1028
4	4-1	LAHAINA ROAD AT LAHAINA ROAD JUNCTION PLAN SHEET NO. 1009, 1028
4	4-2	KAHULUI ROAD AT KAHULUI ROAD JUNCTION PLAN SHEET NO. 1002, 1009
5	5-1	KAHULUI ROAD AT KAHULUI ROAD JUNCTION PLAN SHEET NO. 1002, 1009
7	7-1	WAILUKU ROAD AT WAILUKU ROAD JUNCTION PLAN SHEET NO. 1027, 1028
8	8-1	LAHAINA ROAD AT LAHAINA ROAD JUNCTION PLAN SHEET NO. 1009, 1028

APPROVALS:

DIRECTOR OF TRANSPORTATION
COUNTY OF MAUI

DIRECTOR
DEPARTMENT OF PUBLIC WORKS
HAWAIIAN TERRITORY

Figure 1. General plan view map of the other bus stops and Bus Stop # 1097 on the Island of Maui, adapted from Ronald M. Fukumoto Engineering, Inc.

Queen Ka'ahumanu Center

Bus Stop # 1079 is situated at the Queen Kaahumanu Center near the western entrance of the rear of the mall. This bus stop is located in a portion of TMK: 3-7-02: 20, Queen Ka'ahumanu Center. The present bus stop lies in a paved parking lot that is covered in concrete and asphalt. This area was previously disturbed by the construction of the Queen Ka'ahumanu Center (see Figure 1 through 3, Table 1 and Photo # 1).

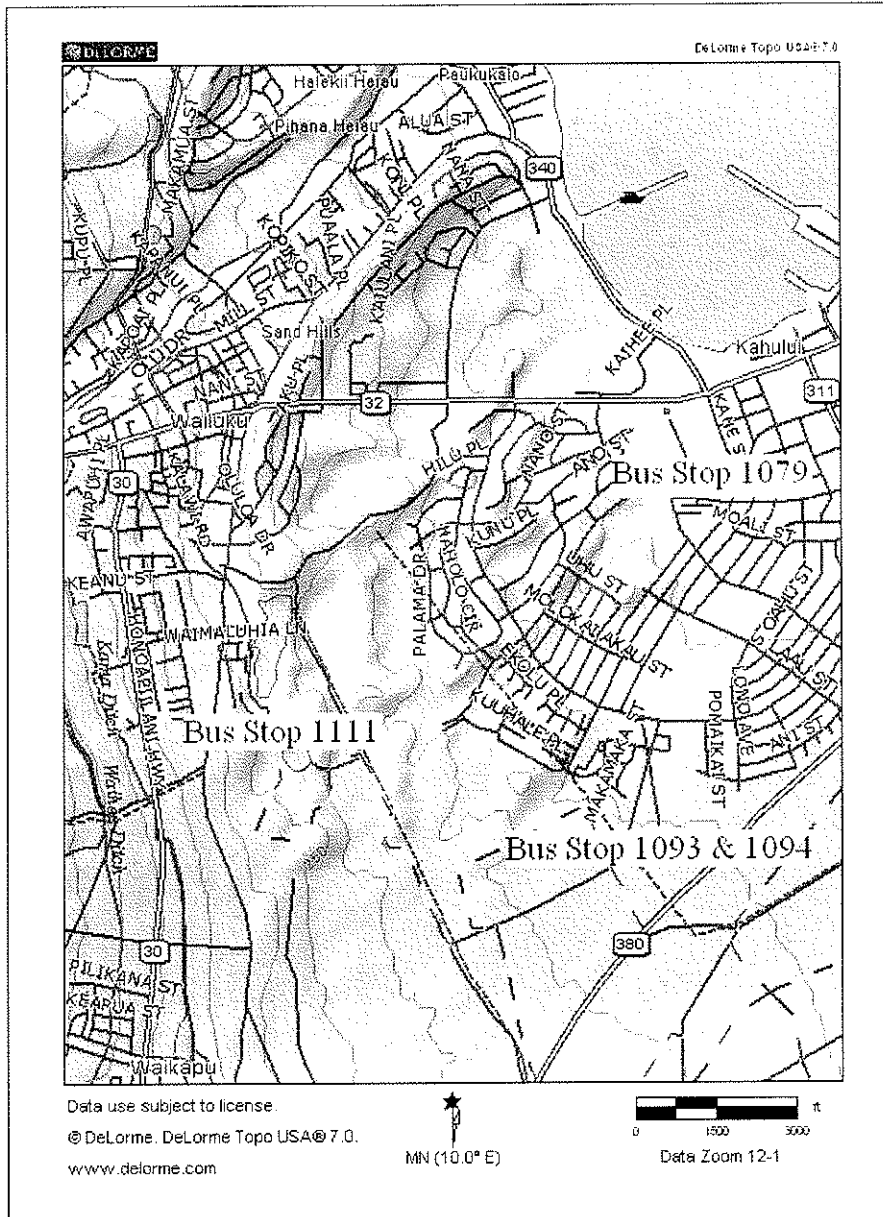


Figure 2. Portion of topographic map of Central Maui showing Bus Stop # 1079 and the other nearby bus stops covered in a separate report.



Photo # 1 Overview of the location of Bus Stop # 1079 at the Kaahumanu Mall, view to the east northeast.

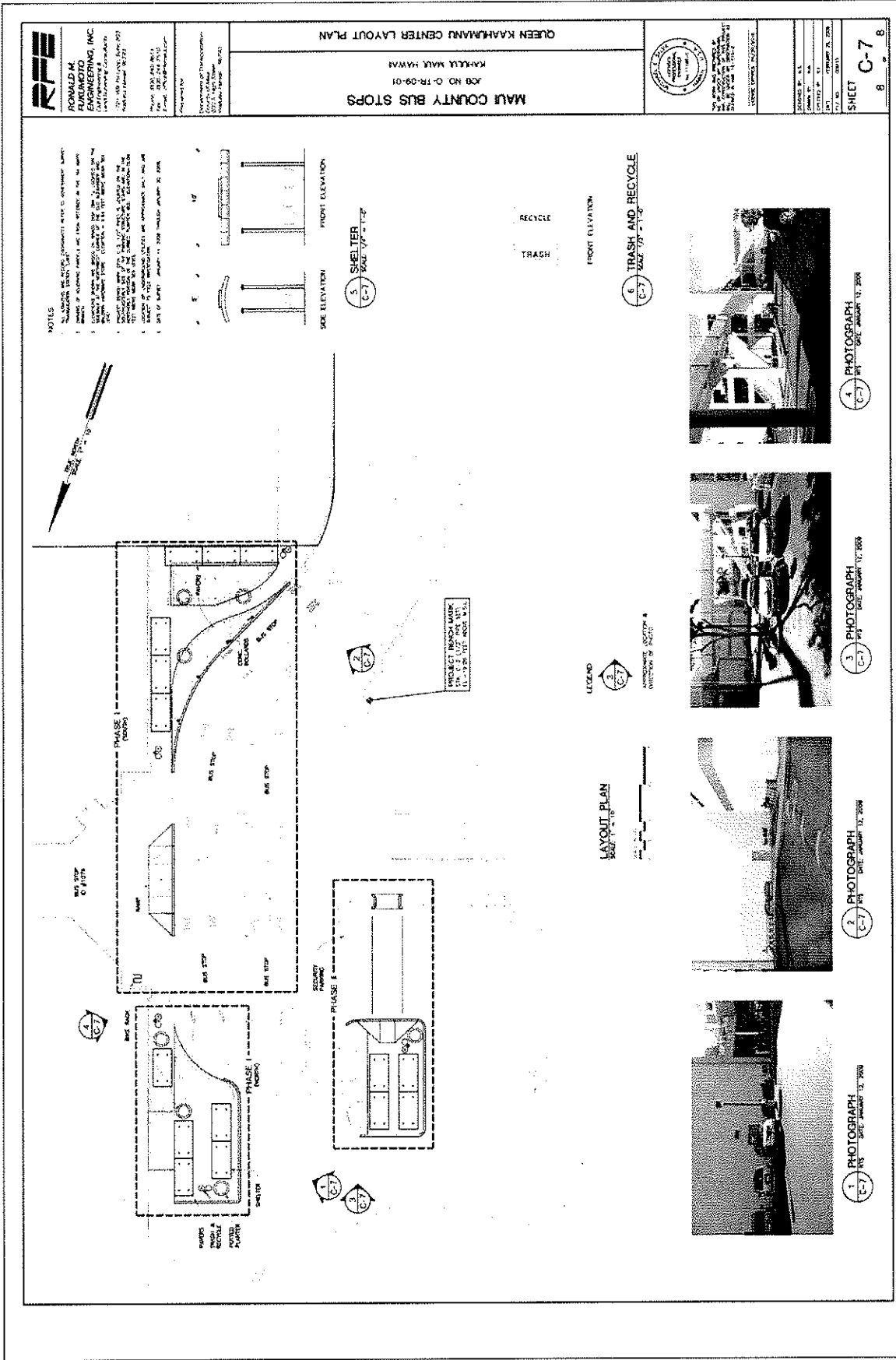


Figure 3. Plan view map with photos showing the location for Bus Stop # 1079, Queen Ka'ahumanu Center, Kahului.

Recommended Archaeological Mitigation Work

Bus Stop # 1079 is situated in an area that is considered to be potentially culturally sensitive. Factors contributing to potential cultural sensitivity include the following: the presence of previously identified sites near a given bus stop; the presence of sand (dune and/or marine) deposits; and the proximity of the shoreline. Bus Stop # 1079 is located in an area that contains sand dune deposits. Clustered and isolated human burials have previously been identified in this portion of the Pu'uone Sand Dune complex. Given the presence of previously identified sites and sand dune deposits in this area, precautionary archaeological monitoring is recommended for improvements for this bus stop that involve subsurface excavation activities.

Summary

Given that all of the inspected area has been previously impacted, archaeological monitoring is the most appropriate mitigation for this bus stop. A monitoring plan will be developed for the Queen Ka'ahumanu Center bus stop. This plan will subsequently be submitted to the SHPD for review and comment.

Please feel free to contact Erik Fredericksen (SHPD Permit # 09-10) at (808) 572-8900 or via e-mail at xamanekresearchllc@hawaii.rr.com to discuss any aspect of the above field inspection report for the proposed County of Maui Bus Stop improvements project.

APPENDIX B.

**Archaeological Monitoring
Plan Prepared by Xamanek
Researches, LLC**

**An Archaeological Monitoring Plan for the
Queen Ka`ahumanu Center Bus Transfer Station,
Kahului, Island of Maui
(County Project No: Q-TR-09-01)
Wailuku *Ahupua`a*, Wailuku District
(TMK: [2] 3-7-002: Portion of 020)**

Prepared for:

**The County of Maui
Department of Transportation
Wailuku, Maui**

Prepared by

**Xamanek Researches, LLC
Pukalani, Maui**

Erik M. Fredericksen

*13 July 2009 (DRAFT)
24 August 2009 (FINAL)*

INTRODUCTION

Mr. Michael Munekiyo of Munekiyo & Hiraga, Inc. contacted Erik Fredericksen of Xamanek Researches LLC about archaeological work that would be needed for scheduled improvements for ten COM Bus Stop locations in the fall of 2008 (County Project NO. Q-TR-09-01). Improvements were to include the construction of more substantial bus shelters in some locations, the placement of large signs, lighting and other assorted actions that would involve subsurface disturbance activities. Because of the somewhat unusual nature of the overall project (i.e. covering different portions of the island), Erik Fredericksen contacted Ms. Jenny Pickett, assistant staff archaeologist of the State Historic Preservation Division (SHPD) Maui office. Given that the various bus stops scheduled for improvements were located in different geographic areas of Maui in within the County of Maui right-of-ways, it was decided that archaeological field inspections were most appropriate to assist in determining what additional mitigation actions, if any, were necessary.

Xamanek Researches, LLC subsequently carried out a field inspection of the proposed Queen Ka'ahumanu Center transfer station project area in late March and early April 2009. The resultant field inspection report recommended that precautionary monitoring take place, given that the project area is located in the Pu'uone sand dune area (Madeus and Fredericksen, 2009a).

The Queen Ka'ahumanu Center stop is a transfer station and it will be the first improvement project. Consequently, it is separately covered in this plan.¹ The following monitoring plan has been prepared at the direction of Ms. Erin Mukai, Planner with Munekiyo & Hiraga, Inc. on behalf of the County of Maui Department of Transportation. This plan includes the steps that will be followed during the monitoring program for this project on portions of (TMK: [2] 3-7-002: Portion of 020) in Kahului, Maui (Figures 1-4).

¹ The nine other bus stop locations were discussed in a separate field inspection report; separate mitigation actions are recommended for the individual bus stop projects in this second report (Madeus and Fredericksen, 2009b).

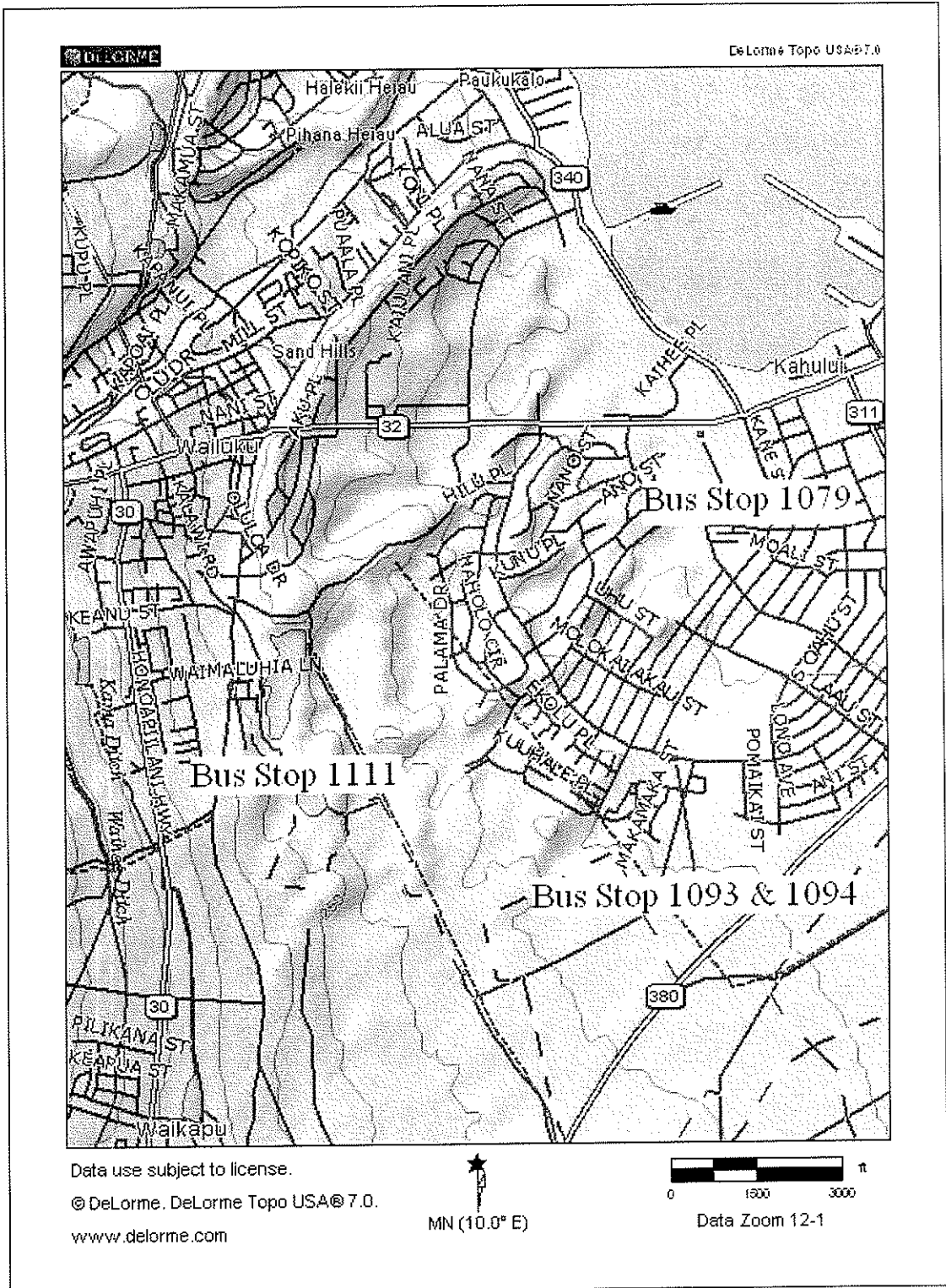


Figure 1 - Portion of topographic map of Central Maui showing Bus Stop # 1079 and the other nearby bus stops covered in a separate report (and future monitoring plans).

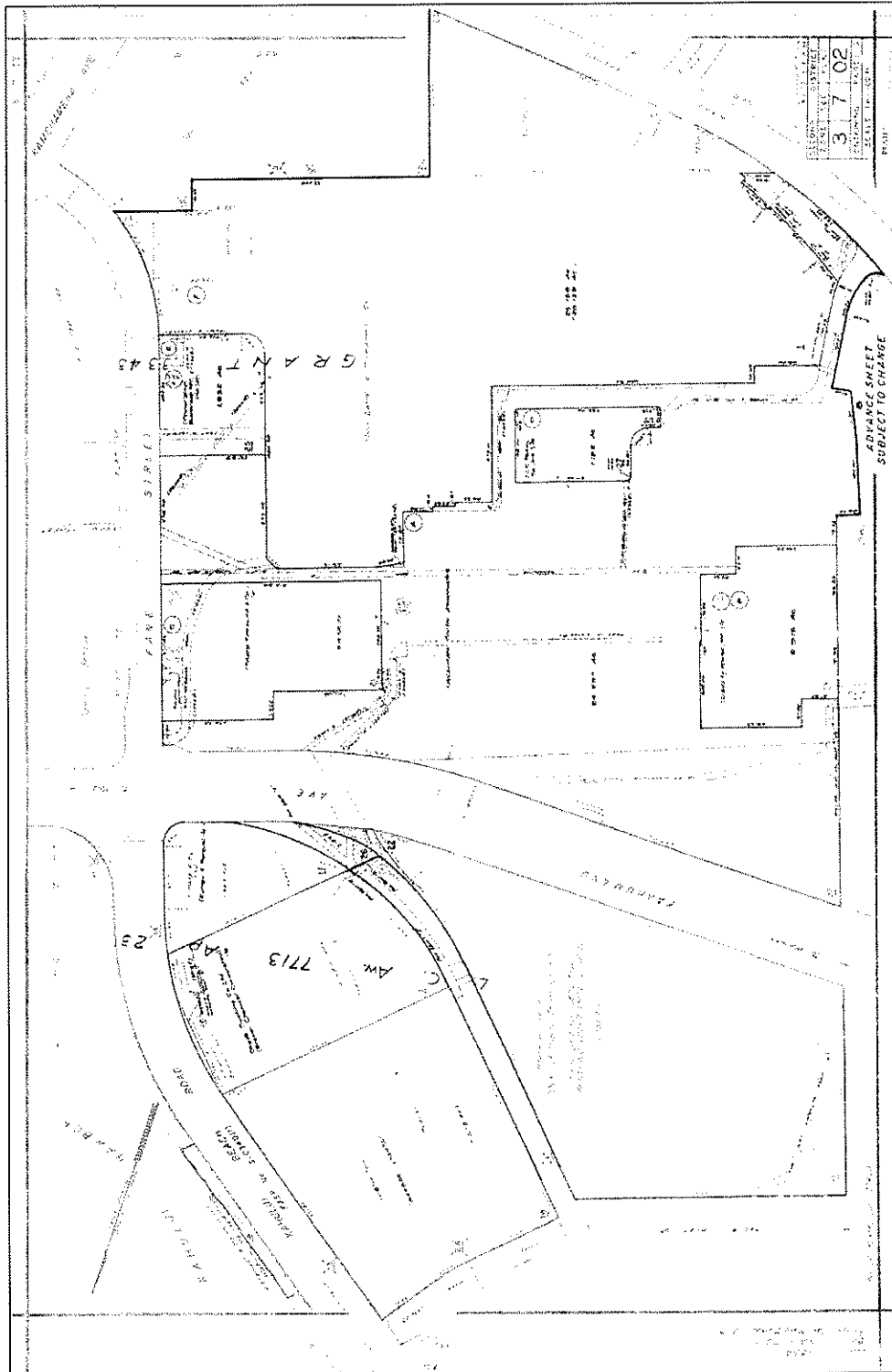


Figure 2: Tax Map Key of the Queen Ka'ahumanu Center, Kahului, Maui.

MAUI COUNTY BUS STOPS

PROJECT NO. Q-TR-09-01

KIHEI, LAHAINA, MAKAWAO,
KAHULUI, WAILUKU,
MAUI, HAWAII

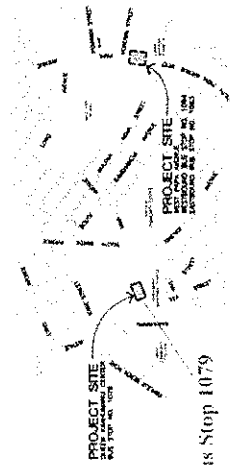
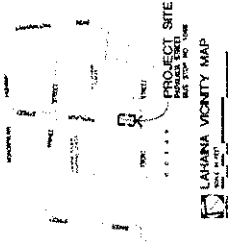
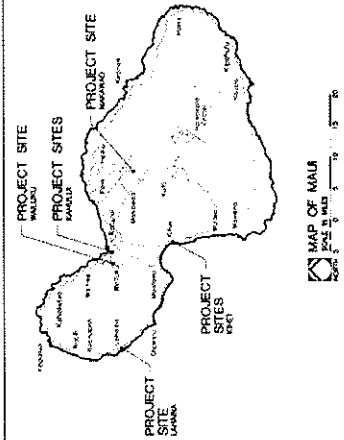
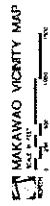
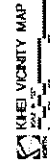
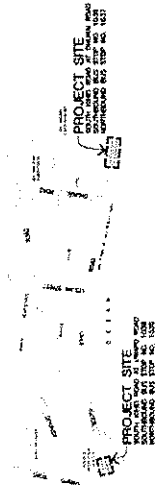
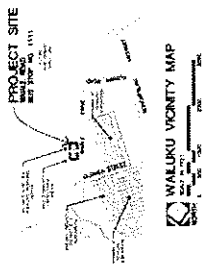
PREPARED FOR:

DEPARTMENT OF TRANSPORTATION
COUNTY OF MAUI
200 SOUTH HIGH STREET WAILUKU,
MAUI, HAWAII 96793

PREPARED BY:

RFE
RONALD M. FUKUMOTO ENGINEERING, INC.
Civil Engineering & Land Surveying Consultants
1721 Willi Pa Loop, Suite 203 • Wailuku, Hawaii 96793

Bus Stop 1079



INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
1-1	TITLE SHEET
1-2	WAILUKU BUS STOP LAYOUT PLAN
1-3	LAHAINA BUS STOP LAYOUT PLAN
1-4	KAHULUI BUS STOP LAYOUT PLAN
1-5	MAKAWAO BUS STOP LAYOUT PLAN
1-6	KIHEI BUS STOP LAYOUT PLAN
1-7	GENERAL LAYOUT PLAN
1-8	GENERAL LAYOUT PLAN
1-9	GENERAL LAYOUT PLAN
1-10	GENERAL LAYOUT PLAN

APPROVALS:

DESIGNED BY: _____ DATE: _____
 CHECKED BY: _____ DATE: _____
 ENGINEER: _____ DATE: _____
 COUNTY OF MAUI

DIRECTOR OF PUBLIC WORKS
 COUNTY OF MAUI
 (APPROVAL GRANTED FOR WORK WITHIN COUNTY RIGHT-OF-WAY)

Figure 3 - General plan view map of the other bus stops and Bus Stop # 1097 on the Island of Maui, adapted from Ronald M. Fukumoto Engineering, Inc.

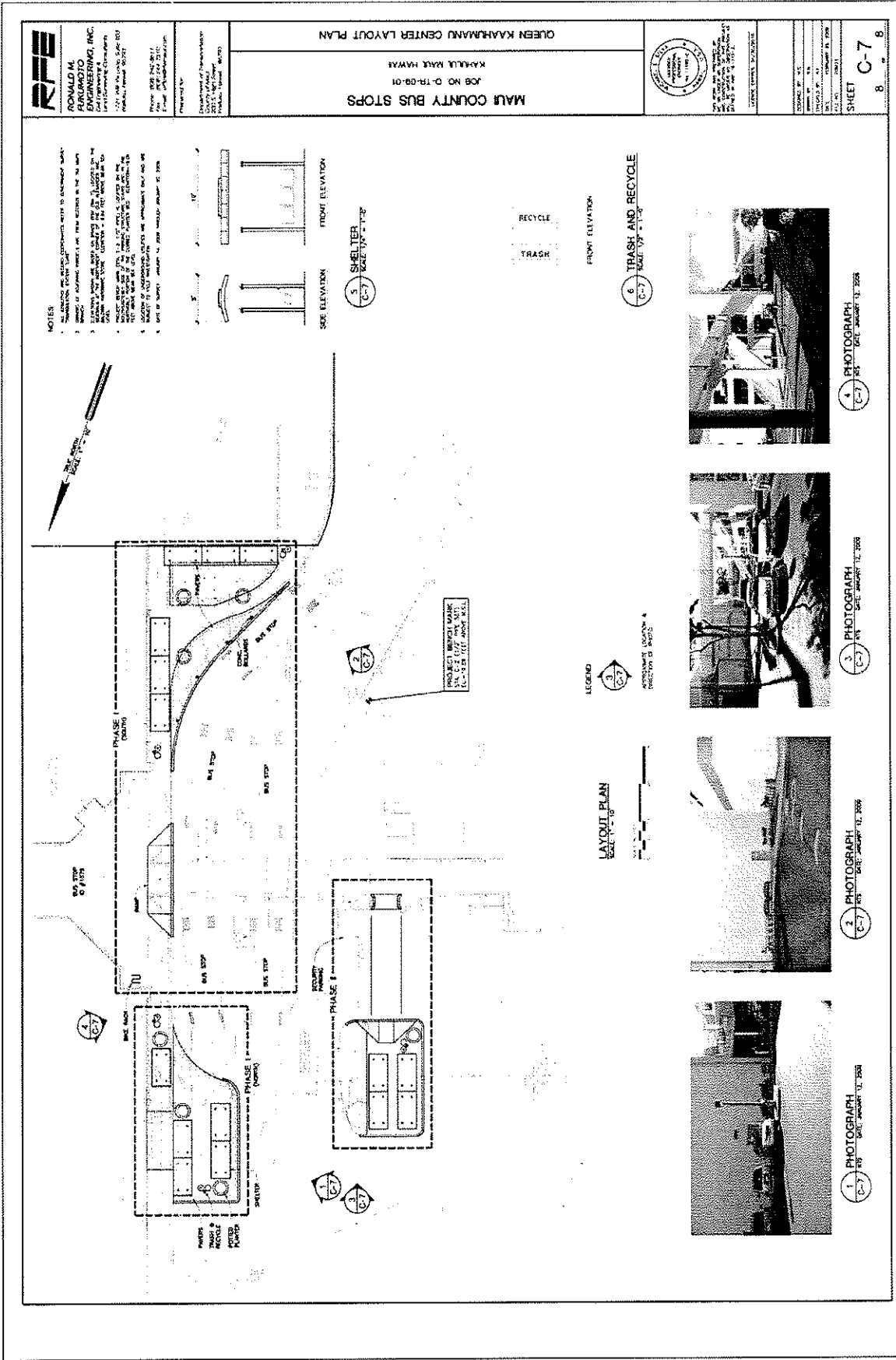


Figure 4 - Plan view map with photos showing the location for Bus Stop # 1079, Queen Ka'ahumanu Center, Kahului.

THE STUDY AREA

The Queen Ka'ahumanu Center Transfer Station improvements project area consists of a c. 0.12 acre portion of the shopping center complex that lies in relatively close proximity to the Kahului coast. This general area contains Jaucus sand and Pu'uone dune deposits. It is estimated that the study area lies 0.5 km to the southwest of the Kahului Harbor shoreline (Figure 1). Given the location of the improvements project, there is a possibility that previously disturbed human remains and/or subsurface cultural materials may be present in portions of the project area.

The project area lies south of Ka'ahumanu Avenue on the southern portion of the shopping center complex in Wailuku *ahupua`a*, Wailuku District, Kahului, Maui. Sand deposits underlie much of the facility and the area in general. While it remains unknown at the writing of this monitoring plan, the possibility exists that significant cultural materials could be present.

ARCHAEOLOGICAL MONITORING PLAN

Scope of monitoring

The scope of this monitoring plan includes having an archaeological monitor present during all subsurface earthmoving activities scheduled for the Queen Ka'ahumanu Center Transfer Station improvements project. Actual on-site time and specific actions to be followed in the event of inadvertent discoveries will be discussed and agreed upon by the general contractor and the archaeological consultant at a preconstruction meeting/phone conference held for this purpose. Additional meetings may be called, if either the monitoring archaeologist or contractor believes that other relevant information should be disseminated. As previously mentioned, this plan covers this current project within the Queen Ka'ahumanu Center complex (TMK: [2] 3-7-002: Portion of 020).

Given the location of the proposed Queen Ka'ahumanu Center bus stop improvements project, there is a possibility that significant material culture remains may be inadvertently disturbed during earthmoving activities in this portion of Kahului, Maui, which lies in close proximity to the Pu'uone dune complex. Possible cultural materials could include subsurface precontact habitation site remnants such as Site 4753 to the ENE near Kahului Harbor, and human burials and/or human skeletal remains such as Site 5496 also ENE near the harbor, and various finds of human remains in the general Maui Lani project area to the WSW (e.g. Sites 2797, 4368, 4419, 4435 and numerous recent finds). Sites 4753 and 5496 were previously located on land c. 0.75 km to the northwest of the project area on the *makai* (north) side of Ka'ahumanu Avenue, while the various finds of human remains - Sites 2797, 4368, 4419, 4435 - were located in the Pu'uone dune area c. 0.4 to 0.5 km to the WSW. The project area lies just to the west of the Kahului Historic District (Site 1607). There are no known old buildings located on the subject parcel at present. While somewhat unlikely, there could be subsurface remnants of post-contact activities within the project area, such as old building foundations, post-contact habitation deposits, etc.

Close cooperation between the monitoring archaeologist and construction personnel is important to a successful monitoring program. The monitoring program will follow the 12 conditions listed below:

- 1) The contractor shall be responsible for ensuring that the archaeological consultant is aware of all pertinent construction schedules and that the monitor is present for all subsurface excavation activities on this coastal parcel.
- 2) Both the archaeological consultant and the contractor are responsible for ensuring that on-site work is halted in an area of significant findings and to protect any such find from any further damage (i.e., construction fencing, protective covering, etc.). The State Historic Preservation Division will recommend appropriate mitigation actions. The SHPD Burial Sites Program, the SHPD Maui office, and the Maui/Lana'i Islands Burial Council (MLIBC) will be consulted in the event that human remains are found. (Change work order)
- 3) In the event of the discovery of human remains, work shall cease in the immediate find area. *In situ* human remains will be left in place and any previously disturbed human remains will only be removed with written consent from SHPD. If at all possible, provisions for secure on-site storage will be made. The monitoring archaeologist will be responsible for notifying the SHPD Maui office and the Historic Preservation Division Burial Sites Program, which, in consultation with the Maui/Lana'i Islands Burial Council, will determine the appropriate mitigation measures. This notification will include accurate information regarding the context and composition of the find. (Change work order)

- 4) The archaeological consultant will work in compliance with Hawai'i Revised Statutes Chapter 6E (procedures Relating to Inadvertent Discoveries).
- 5) The monitoring archaeologist will have the authority to closedown construction activities in areas where potentially significant discoveries have been made until they have been properly evaluated. Normally, construction activities may continue in unaffected portions of the project area. (Change work order)
- 6) Field procedures to be followed for documentation of discovered cultural features or human skeletal remains: a) standard field methods including recordation of profiles showing stratigraphy, cultural layers, etc.; b) mapping and photographing of finds other than human remains; c) and excavation of cultural materials and/or exposed features.
- 7) The SHPD Maui cultural historian shall be notified and in consultation with the MLIBC will determine treatment of identified human remains; the SHPD Maui staff archaeologist will be notified about features such as cultural layers, artifact or midden concentrations, structural remains, etc., considered to be of significance under S13-279-2 (definitions).
- 8) The contractor should take into account the necessity for machine excavation at a speed slow enough to allow for reasonable visual inspection of the work. The monitoring archaeologist must make a "best effort" to search for significant material culture remains (i.e. artifacts, features, midden, skeletal remains, etc.). Machine excavation speed will need to be slowed in an area where significant material culture remains have been identified. (Change work order)
- 9) Significant archaeological discoveries, if they occur, shall be protected and identified by construction "caution" tape, fencing, or other reasonable means, until the SHPD Maui office and the archaeological consultant decide appropriate mitigation actions. All recovered material culture remains—with the possible exception of charcoal samples for radiometric analysis—will remain on Maui. Standard laboratory methods shall be utilized by Xamanek Researches, LLC in the event that cultural materials are recovered during monitoring and/or mitigation work. Cultural materials will be curated by archaeological consultant (change work order)
- 10) One monitor in most instances will carry out the necessary fieldwork. Tasks will include observation of grubbing and earth-moving activities. However, the SHPD and the MLIBC require that one archaeological monitor be assigned to each piece of major earth-moving equipment in sand dune areas or other culturally sensitive locations. (Change work order if more than one piece of machinery is to be utilized)

11) In the event of night work, the general contractor shall supply adequate lighting for the onsite monitor.

12) Chapter 6E-11 (a) specifies the following "It shall be unlawful for any person or corporate, to take, appropriate, excavate, injure, destroy, or alter any historic property or aviation artifact located on the private lands of any owner thereof without the owner's written permission being first obtained. It shall be unlawful for any person, natural or corporate, to take, appropriate, excavate, injure, destroy, or alter any historic property located upon lands owned or controlled by the State or any of its political subdivisions, except as permitted by the department."

Field methods utilized shall include photographic recordation (where appropriate), artifact excavation (recovery and recordation), profile documentation of cultural layers and stratigraphy, excavation and recordation of exposed features, and mapping of all pertinent features on an appropriate site map. A daily log (field notes) of activities and findings will also be kept. Gathered information shall be utilized in the preparation of the monitoring report to be submitted to the SHPD.

In the event human skeletal remains are inadvertently disturbed, the SHPD Maui office, the SHPD Burial Sites Program, and the Maui/Lana'i Islands Burial Council shall be notified, and appropriate mitigation actions determined (photographs of human skeletal remains will not be taken).

A supervisory archaeologist may periodically visit the monitoring site as often as is necessitated by the nature of the construction activities and archaeological findings. If significant discoveries are made, appropriate mitigation measures will be discussed with the SHPD Maui office.

The archaeological consultant shall curate all cultural materials recovered from this monitoring project on Maui, with the exception of human remains. When analysis is completed, recovered material culture remains will be turned over to the appropriate parties. Long-term curation arrangements of significant material culture remains will be approved by the SHPD and the landowner.

A draft monitoring report detailing the results of this monitoring program will be prepared. This draft report shall be submitted to the State Historic Preservation Division within 180 days of the completion of fieldwork, for comment and approval. Any recommended changes and/or corrections will be incorporated in the final monitoring report for this improvements project at TMK: [2] 3-7-002: Portion of 020.

References

Madeus, Jonas and Erik Fredericksen

April 2009a An Archaeological Field Inspection of the Queen Ka'ahumanu Center Bus Transfer Station in Kahului, Island of Maui (County Project No: Q-TR-09-01), Wailuku *Ahupua`a*, Wailuku District (TMK: [2] 3-7-002: Portion of 002). Prepared on behalf of the County of Maui Department of Transportation by Xamanek Researches LLC, Pukalani, Maui.

Madeus, Jonas and Erik Fredericksen

April 2009b An Archaeological Field Inspection of Nine County of Maui Bus Stop Locations in Kihei, Lahaina, Makawao, Kahului, and Wailuku, Island of Maui (County Project No: Q-TR-09-01), Various *Ahupua`a*, Various Districts and Tax Map Keys. Prepared on behalf of the County of Maui Department of Transportation by Xamanek Researches LLC, Pukalani, Maui.

APPENDIX B-1.

**Letter Dated August 24, 2009
from the State Historic
Preservation Division**

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
601 KAMOKILA BOULEVARD, ROOM 555
KAPOLEI, HAWAII 96707

LAURA H. THIELEN
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

RUSSELL Y. TSUJI
FIRST DEPUTY

KEN C. KAWAHARA
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISI AND RESERVE COMMISSION
LAND
STATE PARKS

August 24, 2009

Erik M. Fredericksen, M.A.
Xamanek Researches, LLC
P.O. Box 880131
Pukalani, Hawai'i 96788
xamanekresearchesllc@hawaii.rr.com

LOG NO: 2009.2953
DOC NO: 0908PC66
Archaeology

SUBJECT: Chapter 6E-8 Historic Preservation Review – Archaeological Monitoring Plan for County of Maui Queen Ka'ahumanu Bus Transfer Station, Project Q-TR-09-01 Wailuku Ahupua'a, Wailuku District, Island of Maui
TMK: (2) 3-7-002:020 por.

Thank you for the opportunity to review this plan, which our staff received in both hardcopy and PDF format on July 16, 2009 (Fredericksen 2009): *An Archaeological Monitoring Plan for the Queen Kaahumanu Bus Transfer Station...Xamanek Researches, LLC.*

The plan was prepared upon completion of an archaeological field inspection of the approximately 0.12 acre portion of the subject parcel to be affected by the proposed work by Xamanek Researches, LLC (Madeus and Fredericksen) which recommended that given the location of the proposed work in an area known to contain sand, along the coastline and/or in the vicinity of previously identified culturally and/or historically significant sites such as clustered and isolated human burials, a program of precautionary archaeology monitoring should be undertaken. The SHPD concurred with the recommendation upon subsequent review of a request for comment regarding preparation of the Draft Environmental Assessment (SHPD LOG NO: 2009.2006; DOC NO: 0905PC42).

As stated in the monitoring plan, there will be one archaeological monitor on site at all times for each piece of ground disturbing equipment in use. Coordination with the construction crew and all other pertinent parties to explain monitoring procedures and that the monitoring archaeologist has the authority to halt work in the vicinity of a culturally significant find will be undertaken, and should anything of cultural significance be identified, the SHPD will be consulted for mitigation recommendations. The plan further states that in the event human remains are inadvertently exposed, both the SHPD and Maui/Lana'i Islands Burial Council (MLIBC) will be notified and appropriate burial protocol followed. A report detailing the findings of the monitoring will be prepared and submitted to our office for review within 180 days after the completion of the project.

The plan contains the required information as specified in HAR §13-279-4(a) regarding the contents of monitoring plans in general and is acceptable.

Erik M. Fredericksen, M.A.

TMK: (2) 3-7-002:020 por. Queen Ka'ahumanu Bust Transfer Station M Plan

Page 2 of 2

If you have any questions or comments regarding this letter, please contact the SHPD's Lead Maui Archaeologist, Ms. Patty Conte (Patty.J.Conte@hawaii.gov).

Aloha,

A handwritten signature in cursive script that reads "Nancy A. McMahon".

Nancy McMahon, Deputy SHPO/State Archaeologist
State Historic Preservation Division

c: Jeff Hunt, Director, Dept. of Planning, FAX (808) 270-7634
Maui CRC, Dept. of Planning, 250 S. High Street, Wailuku, Hawai'i 96793

APPENDIX C.

Utility and Drainage Assessment

**Prepared by Ronald M.
Fukumoto Engineering, Inc.**



RONALD M. FUKUMOTO ENGINEERING, INC.
Civil Engineering & Land Surveying Consultants

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Michael E. Silva, PE, LS

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Phone: (808) 242-8611

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E-mail: office@rfemaui.com

Website: www.rfemaui.com

July 15, 2009

**UTILITY AND DRAINAGE ASSESSMENT FOR
QUEEN KAAHUMANU CENTER TRANSFER CENTER
Kahului, Maui, Hawaii**

PURPOSE

The purpose of this assessment is to evaluate the effects of the project on existing infrastructure. This assessment will review the impacts on the utility services for the project. This assessment will also review the drainage and grading effects of the proposed project to comply with the requirements for submittal of a preliminary drainage plan for a County of Maui Special Management Area Permit.

PROJECT DESCRIPTION

The project involves demolition, asphalt pavement patching, and installation of concrete slabs, concrete curbs, shelters, shelter lighting, surveillance system, trash and recycle receptacles, and a bike rack. The project is located within the shopping center site which is already developed. Grading will be done on a limited basis.

UTILITY SERVICES REVIEW

There are no proposed improvements or increased usages for the water or wastewater systems. Power for lighting and surveillance systems will be provided by Maui Electric Company's current service for the existing facilities. Solar powered lighting will be installed at appropriate locations.

DRAINAGE REVIEW

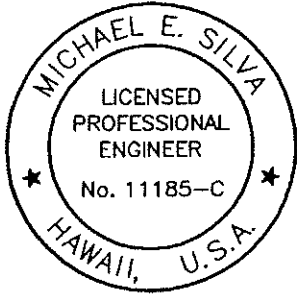
The project area drains to a grated drain inlet in the parking lot, roughly 150 feet to the west. Because the site is already developed, the proposed improvements will not increase storm runoff. There are no proposed improvements to the drainage system, therefore no drainage plan is being provided.

GRADING REVIEW

Only minor grading is proposed which does not alter the general drainage patterns with respect to abutting properties. The proposed grading is required to install raised concrete slabs for the bus stop waiting areas.

CONCLUSION

There will be no adverse effects on the adjacent or downstream properties due to this project.



This work was prepared by
me or under my supervision.

A handwritten signature in cursive that reads "Mike Silva".

License Expires 04/30/10