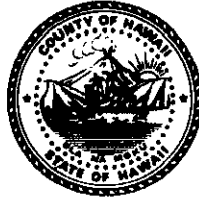


COUNTY OF HAWAI'I



STATE OF HAWAI'I

BILL NO. 309

(Draft 4)

ORDINANCE NO. 06 153

**AN ORDINANCE AMENDING THE HAWAII COUNTY GENERAL PLAN, AS ADOPTED BY ORDINANCE NO. 05 25.**

**BE IT ORDAINED BY THE COUNCIL OF THE COUNTY OF HAWAI'I:**

SECTION 1. Purpose. The purpose of this ordinance is to amend the Hawai'i County General Plan in accordance with Section 3-15, Hawaii County Charter, and Section 16.2 Interim Amendments, Hawaii County General Plan adopted by Ordinance No. 05 25.

SECTION 2. The attached document includes amendments to the text, policies, courses of action, Land Use Pattern Allocation Guide (LUPAG) Map, and Facilities Map.

SECTION 3. Material to be repealed is bracketed. New material is underscored. In reprinting the General Plan, the brackets, bracketed material and underscoring need not be included.

SECTION 4. In the event that any portion of this ordinance is declared invalid, such invalidity shall not affect other provisions of this ordinance.

SECTION 5. This ordinance shall take effect upon its approval.

INTRODUCED BY:

A handwritten signature in cursive script, appearing to read "K. Angel P. P. P.", written over a horizontal line.  
COUNCIL MEMBER, COUNTY OF HAWAII

Hilo, Hawaii

Date of Introduction: August 23, 2006  
Date of 1<sup>st</sup> Reading: August 23, 2006  
Date of 2<sup>nd</sup> Reading: November 29, 2006  
Effective Date: December 7, 2006

REFERENCE: Comm: 964.48

## **PUBLIC FACILITIES – Protective Services**

1. Page 10-11, **10.3.1 Introduction And [Analysis] Description**:

### **“Fire and Emergency Medical Services**

There are presently [14] **20** regular fire stations, [18] **22** volunteer fire stations and [2] **1** federal fire [stations] **station** located throughout the island. **The County is proposing a fire station in the Kalaoa-Mauka area.** The [Kilauea Military Camp (KMC) and] Pohakuloa fire [stations are] **station is a** federally operated [facilities] **facility.** [KMC provides emergency medical services under an agreement with the County.] The regular fire stations [and three of the volunteer stations (Laupahoehoe, Pahala, Naalehu)] provide 24-hour fire fighting and emergency medical services. The Waiakea and Kailua-Kona stations provide rescue services, the Kaumana [and South Kohala stations provide] **station provides** hazardous [waste] **materials** response and the South Kohala station provides air medical services.”

2. Page 10-14, **10.3.2 Policies**:

“(i) Maintain [funding of two] **an appropriate number and type of** emergency [medical] helicopters, **including appropriate aero medical capabilities.**”

## **PUBLIC FACILITIES – Health And Sanitation**

3. Page 10-22, **10.5.1 Introduction And [Analysis] Description , Hospitals and Related Facilities**:

“The County’s Fire Department also provides ambulance service from the Captain Cook, Central, Honokaa, Kailua-Kona, Keaau, [and] Waimea, **Kawailani, Pahoa, Naalehu, Keauhou, South Kohala, North Kohala, Waikoloa, Volcano and Ocean View** Fire Stations. The County’s ambulances are first response units for these service areas while the ambulances at the Kohala and Ka’u hospitals are the first response units for their respective area.”

## **TRANSPORTATION – Roadways**

4. Page 13-7, PUNA, **13.2.5.1.2 Courses of Action.**

Add a new course of action as follows:

- (c) **Encourage the State to widen Highway 130 to four lanes with a median and channelized intersections or modern roundabouts.**

5. Page 13-9, **SOUTH HILO, 13.2.5.2.2 Courses of Action.**

A. Replace course of action (c) as follows:

- (c) [A realignment of Highway 200 (Saddle Road) from the Forest Reserve boundary on the south side of Kaumana Drive and along the north side of Puainako Street, intersecting the present Puainako alignment at Kinoole Street and continuing to the intersection of Kanoelehua Avenue should be constructed. Limited access control is recommended with intersections at the major cross arterials serving the various areas of the city.] Improve Puainako Street from Kanoelehua Avenue to Komohana Street.

B. Delete courses of action (i) and (j) and re-alphabetize subsequent courses of action as follows:

- (i) Plan for the eventual closure of the Bayfront Highway and the relocation of the existing Highway 19-Pauahi Street intersection to an area in the vicinity of Ponahawai Street, in coordination with the State.
- [j] Ainako Street should extend across Kaumana Drive to meet the Mohouli extension to provide one of the major mauka cross-city connections.]
- [k](j) Improve Akolea Road between Piihonua and Kaumana Drive and construct its extension to the upper reaches of Ainaola Drive to provide a cross-city connection between Upper Wailuku and Waiakea-Uka.
- [l](k) Improve Waianuenue Avenue and Kaumana Drive along their entire alignments, including the acquisition of additional rights-of-way as needed.

6. Page 13-12, **SOUTH KOHALA, 13.2.5.6.2 Courses of Action.**

Amend course of action (i) as follows:

- (i) Extend Paniolo Drive in Waikoloa north to intersect with the Kawaihae Road and the proposed Waimea-Kawaihae Road, and[or] build a road connecting the northern end of Paniolo Drive to the Queen Kaahumanu Highway to provide [an] alternate access to Waikoloa Village.

7. Pages 13-13 and 13-14, **NORTH KONA, 13.2.5.7.2 Courses of Action.**

A. Amend course of action (c) as follows:

- (c) Widen Palani Road between the proposed Keanalehu [(Waena)] Drive and the Queen Kaahumanu Highway or construct the proposed Palani Bypass Highway.

B. Delete and reword course of action (e) into separate new courses of action, and add new courses of action as follows:

- (e) [Construct the following north-south collector roadways from Palani Drive and extending north to the proposed University Drive: 1) Ane Keohokalole Highway (Mid-level Road); 2) Keanalehu (Waena Drive); and 3) Kealakaa Street.] Construct Keohokalole Highway (Mid-level Road) from Palani Road to the proposed University Drive. Construct a collector road from Keohokalole Highway extending north to Mamalahoa Highway.
- (f) Extend Kealakaa Street to Holoholo Street.
- (g) Connect Keanalehu Drive to Manawalea Street to create a connection between Kealakaa Street and Kealakehe Parkway.
- (h) Connect Kamanu Street (“Main Street”) between Kealakehe Parkway and Costco, then extend north to proposed University Drive.
- (i) Construct Village Bypass from Alii Drive to Kuakini Highway, and from Kuakini Highway to Hualalai Road to meet with Nani Kailua Drive.
- (j) Realign the intersection of Kealakaa Street and Palani Road.
- (k) Connect Kanalani Street to Keanalehu Drive.
- (l) Connect Hienaloli Road from Palani Road to Hualalai Road.
- (m) Connect Puapuaanui Street from Queen Kaahumanu Highway to Hualalai Road.
- (n) Encourage the State to widen the Queen Kaahumanu Highway from Henry Street to Kamehameha III Road.

C. Delete existing course of action (g), amend new course of action (r), and re-alphabetize the courses of action accordingly, as follows:

- [f](o)** Construct the proposed University Drive between the Mamalahoa and Queen Kaahumanu Highways.
- [(g)]** Widen Hina Lani Drive to four lanes between the Queen Kaahumanu Highway to the proposed Ane Keohokalole Highway.]

- [h](p)** Construct the proposed Shore Drive from the Old Kona Airport Park to the Kealakehe Drive intersection.
- [i](q)** Construct the Kahului-Keauhou Parkway (Alii Highway) from Queen Kaahumanu Highway to Keauhou.
- [j](r)** [Construct a scenic road from Keauhou above the Kealakekua cliffs to Napoopoo.] Construct the Mamalahoa Bypass Highway [from]between Keauhou [to]and Captain Cook as a Scenic Corridor, with limited access and without commercial development.
- [k](s)** Provide vertical connectors from Alii Drive to Kuakini Highway.
- [l](t)** Improve that portion of the Mamalahoa Highway extending from the North Kona to the Ka'u District[s].
- [m](u)** Support the installation of suitable bikeways and/or jogging paths.
- [n](v)** Develop a roadway circulation plan for the area between Palani Road and Kamehameha III Road, in cooperation with the State Department of Transportation, Federal Highway Administration, and the affected communities.
- [o](w)** Extend Lako Street to connect to Alii Drive.
- [p](x)** Work with the State and the adjacent landowners in establishing the old railroad right-of-way as a pedestrian and bicycle right-of-way.

8. Pages 13-15, **SOUTH KONA, 13.2.5.8.2 Courses of Action.**

A. Delete course of action (a):

- (a)** Construct a scenic road from Keauhou above the Kealakekua cliffs to Napoopoo.]

B. Replace (a) with new course of action as follows:

- (a)** Extend Haleki'i Street to connect to the proposed Mamalahoa Bypass Highway.

C. Amend course of action (c) as follows:

- (c)** Construct the Mamalahoa Bypass Highway between Keauhou and Captain Cook as a Scenic Corridor, with limited access and without commercial development.

## **LAND USE**

9. [Page 14-12, **Table 14-5. Urban, Rural, Industrial & Resort Areas by District.**

For the Puna District, add “Ainaloa” to the list of Urban and Rural Center.]

10. Page 14-28, **SOUTH HILO, 14.3.5.2.2 Courses of Action.**

Add new course of action (f) as follows:

- (f) Within the Waiakea Houselots “medium density” area, commercial development shall be focused on the major streets---Kekuanaoa, Piilani, Manono, and Lanikaula, while the interior blocks should be zoned primarily for single- and multi-family residential use.

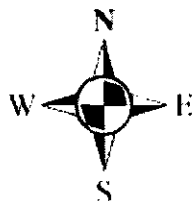
## **PLAN IMPLEMENTATION**

11. Page 15-4, **15.3 ANNUAL REPORT**

The Planning Department shall prepare an annual report to monitor progress towards achieving the General Plan goals, objectives, and policies. To the extent possible, the annual report should develop measurable indicators related to the policies. The Planning Department shall submit the annual report to the Mayor for review. The Mayor shall submit the annual report to the Council together with the capital and operational budgets in accordance with the budget submittal timetable set forth in the Charter. The annual report and CIP shall be the means to reconcile and prioritize competing community needs from a County-wide perspective. The Planning Department may organize an interagency committee to provide input for inclusion in the annual report.

Date : February 24, 2006

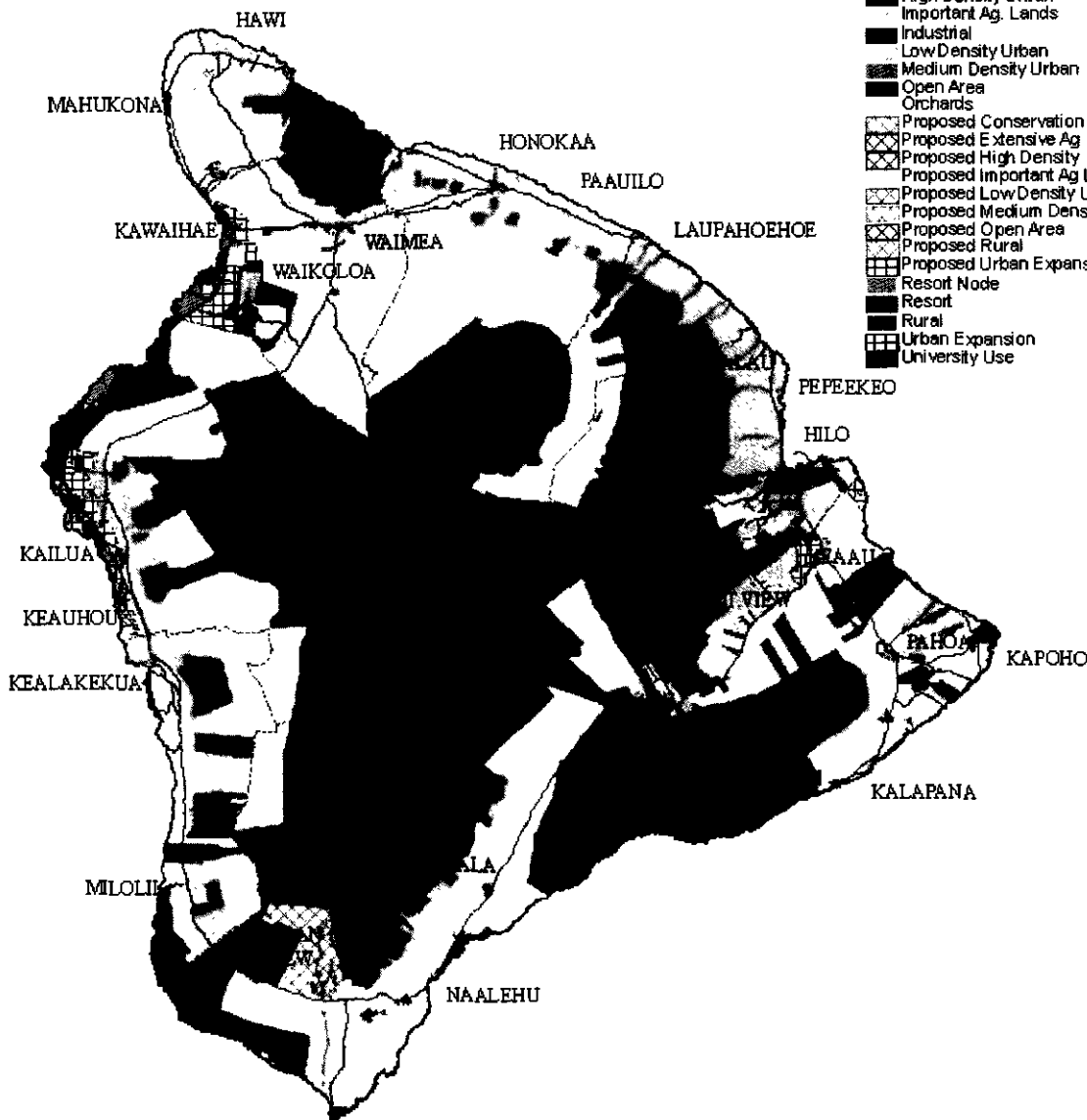
# PROPOSED AMENDMENTS TO THE LAND USE PATTERN ALLOCATION GUIDE MAP



## COUNTY OF HAWAII 2005 GENERAL PLAN

### LEGEND

- Conservation
- Extensive Agriculture
- High Density Urban
- Important Ag. Lands
- Industrial
- Low Density Urban
- Medium Density Urban
- Open Area
- Orchards
- Proposed Conservation
- Proposed Extensive Ag
- Proposed High Density
- Proposed Important Ag Lands
- Proposed Low Density Urban
- Proposed Medium Density Urban
- Proposed Open Area
- Proposed Rural
- Proposed Urban Expansion
- Resort Node
- Resort
- Rural
- Urban Expansion
- University Use






Island Map

Date : August 11, 2006

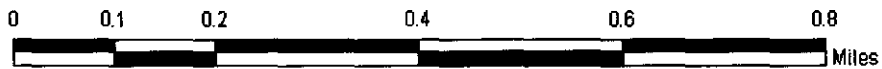
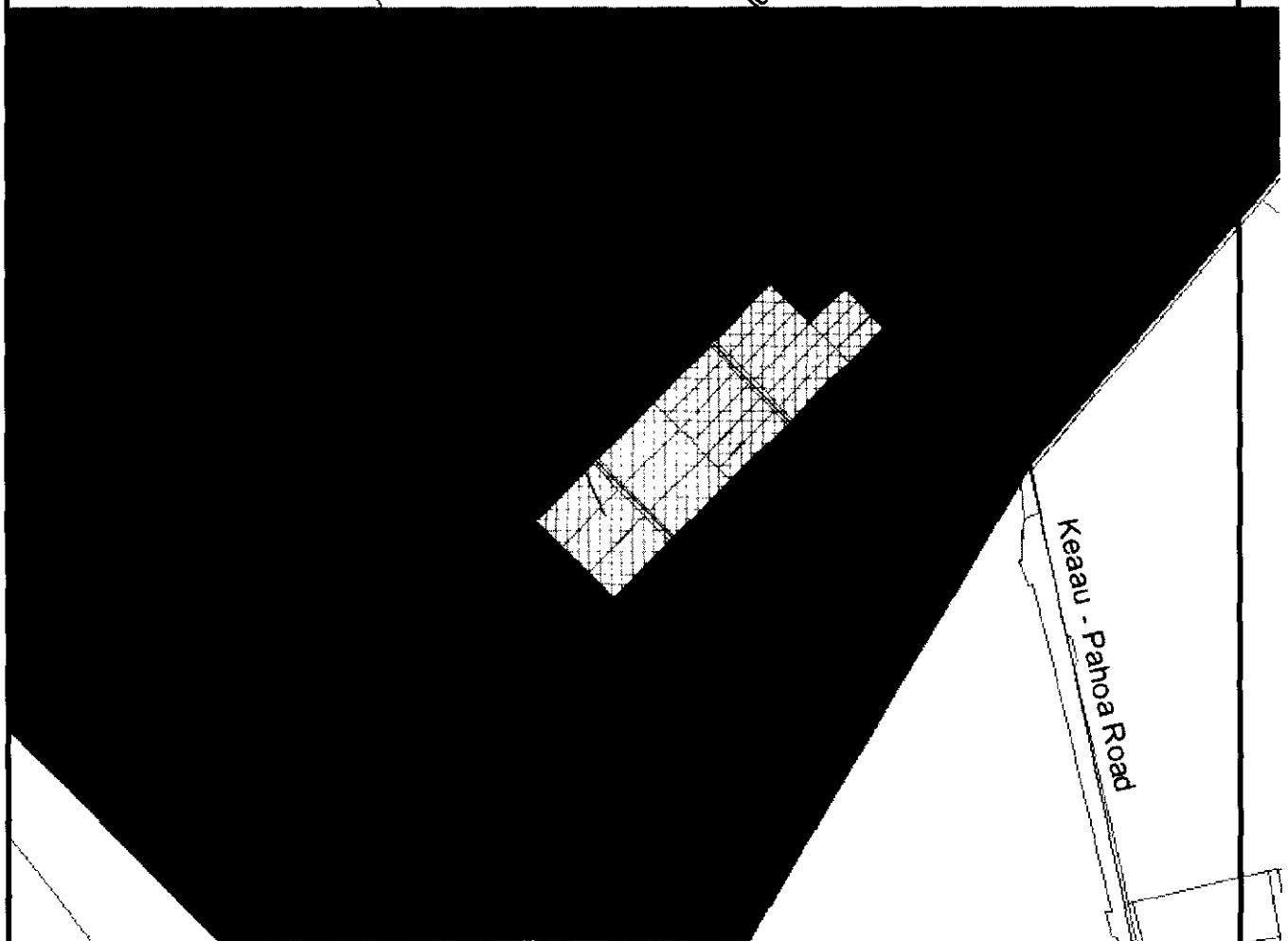


# Ainaloa Blvd. - Puna

## LEGEND

-  Extensive Agriculture
-  Rural
-  Proposed Medium Density Urban

 [Rural to Medium Density Urban]



Puna-1






Date : August 11, 2006

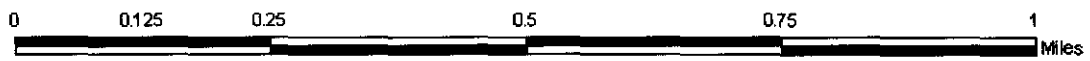
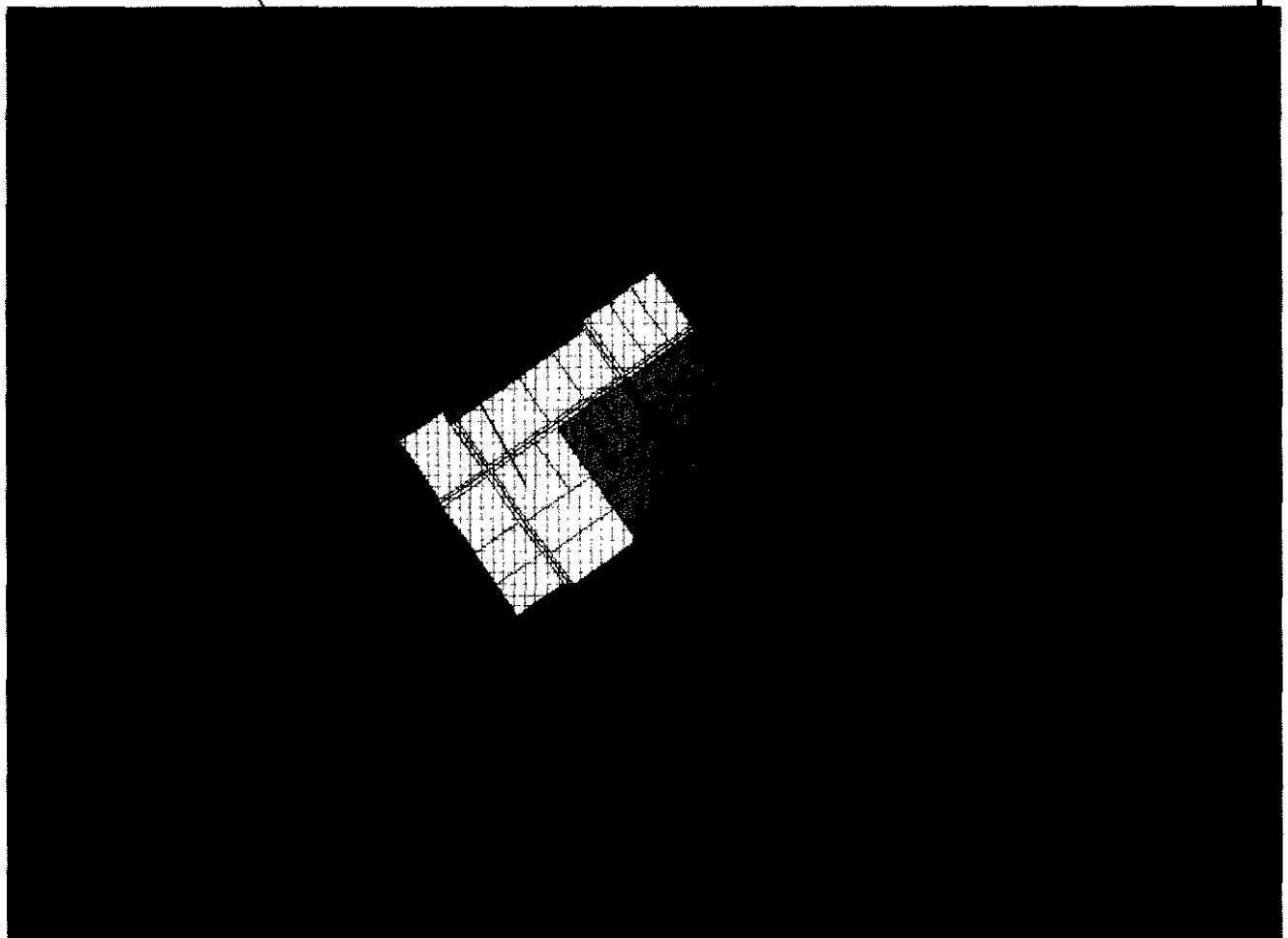


# Orchidland Dr. - Puna

## LEGEND

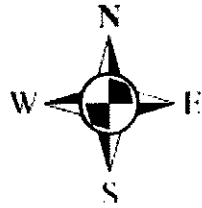
-  Medium Density Urban
-  Rural
-  ~~Proposed Medium Density Urban~~

 [Rural to Medium Density Urban]



Puna - 2

Date : August 11, 2006



# Hilo Changes

## LEGEND

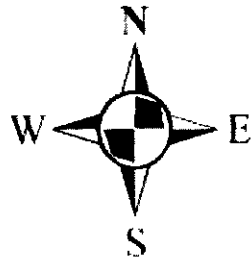
- Conservation
- Extensive Agriculture
- Important Ag. Lands
- Low Density Urban
- Medium Density Urban
- Proposed Low Density Urban
- Rural
- University Use
- Proposed Medium Density Urban

[Rural to Medium Density Urban] **B-2**

**B-1** Rural to Low Density Urban













S. Hilo - 1



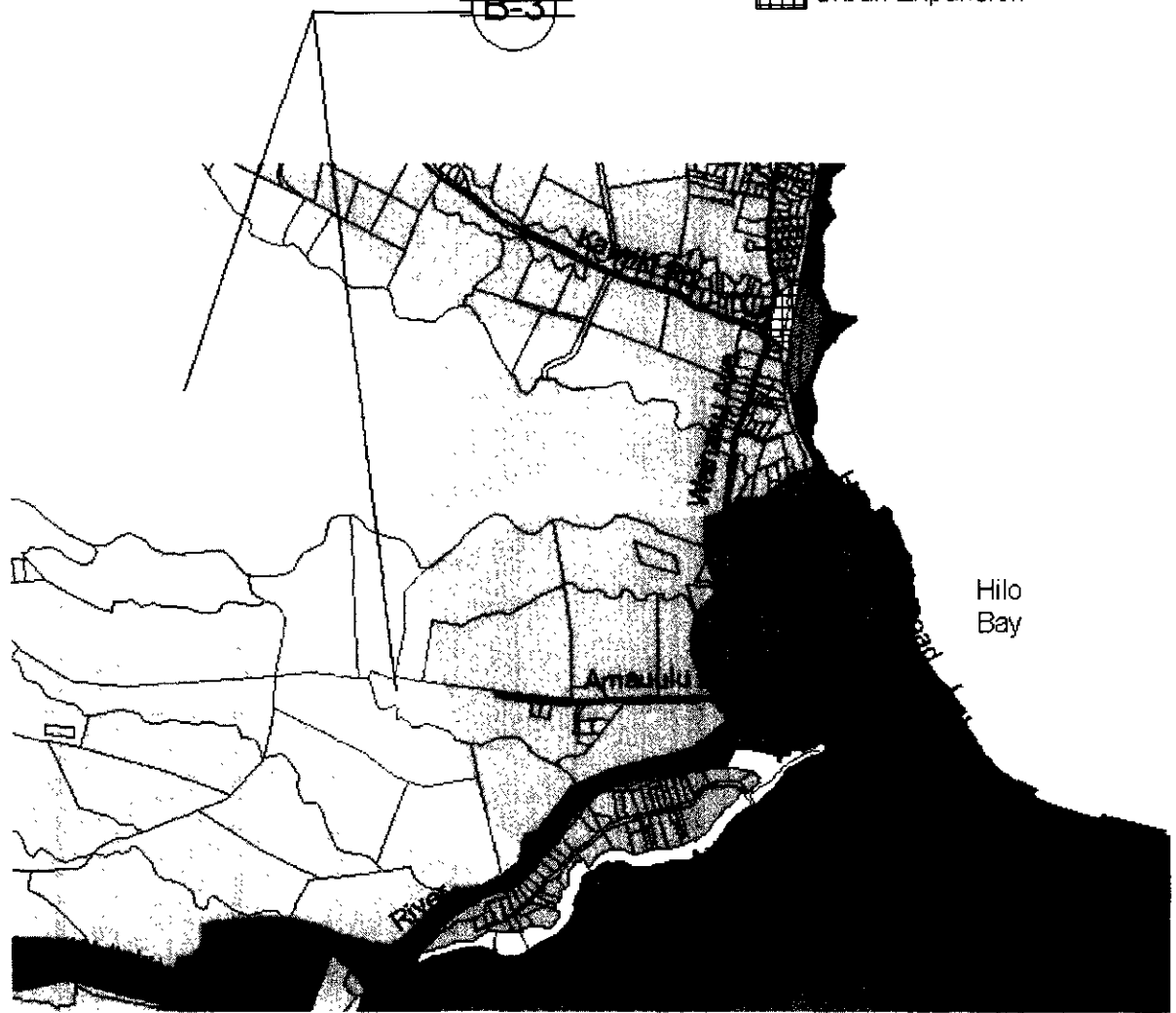
# Wainaku Area

## LEGEND

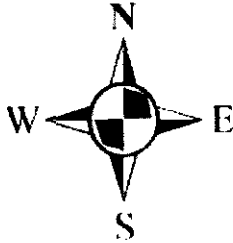
-  Conservation
-  High Density Urban
-  Important Ag. Lands
-  Low Density Urban
-  Medium Density Urban
-  Open Area
-  Proposed Important Ag Lands
-  (river)
-  Resort Node
-  Urban Expansion

[Low Density Urban to Important Ag. Lands]

B-3



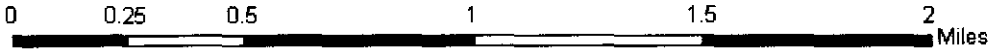
Date : February 24, 2006



# Pepeekeo Area

- LEGEND
- Important Ag. Lands
  - Industrial
  - Low Density Urban
  - Medium Density Urban
  - Open Area
  - Proposed Important Ag Lands

Industrial to Important Ag. Lands **B-4**



S Hilo - 3



# Waiakea Houselots

## LEGEND

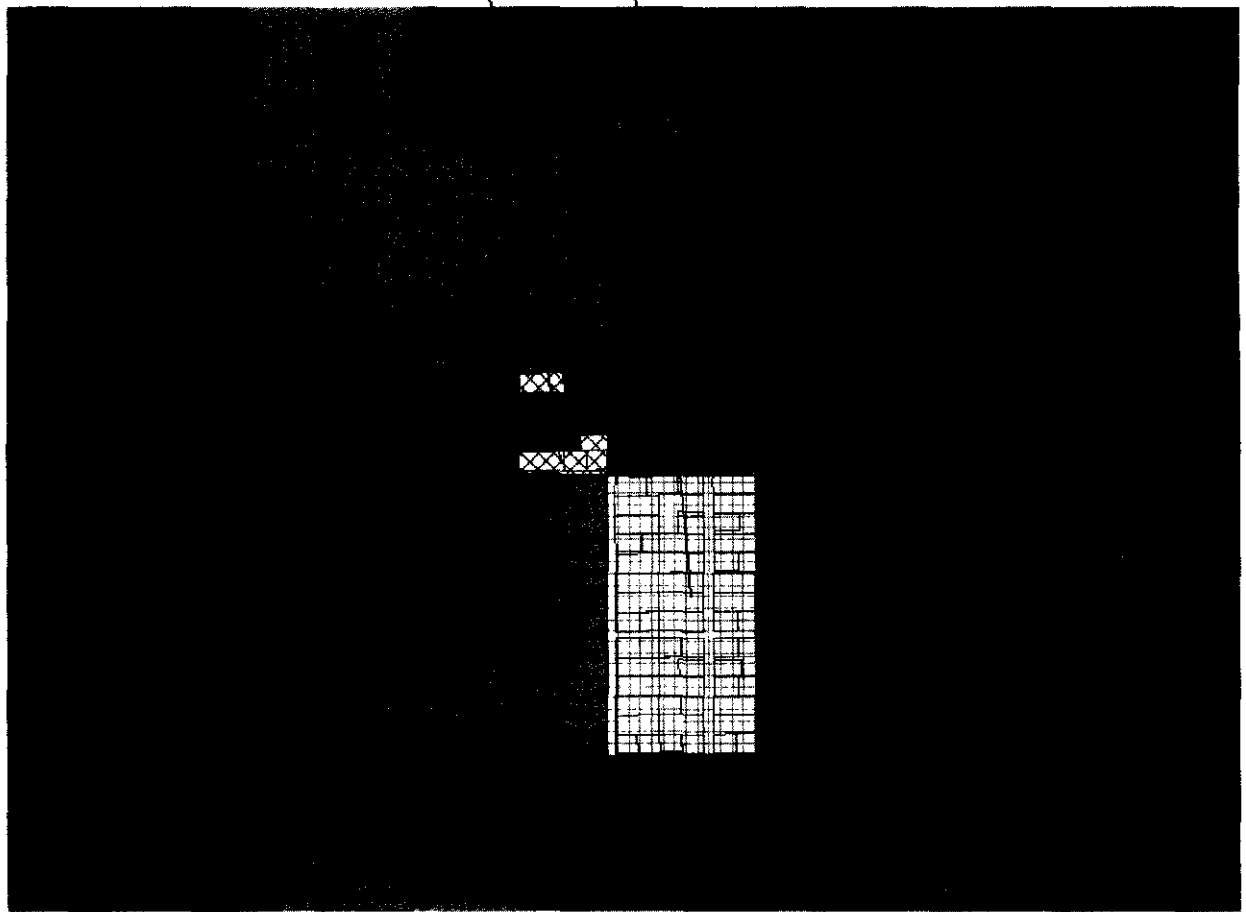
- Conservation
- High Density Urban
- Industrial
- Medium Density Urban
- Open Area
- Proposed High Density Urban
- Proposed Medium Density Urban

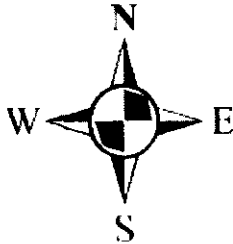
Industrial to Medium  
Density Urban

B-5

Medium Density Urban to  
High Density Urban

B-6

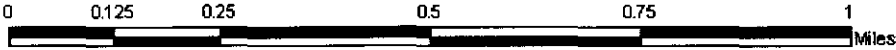
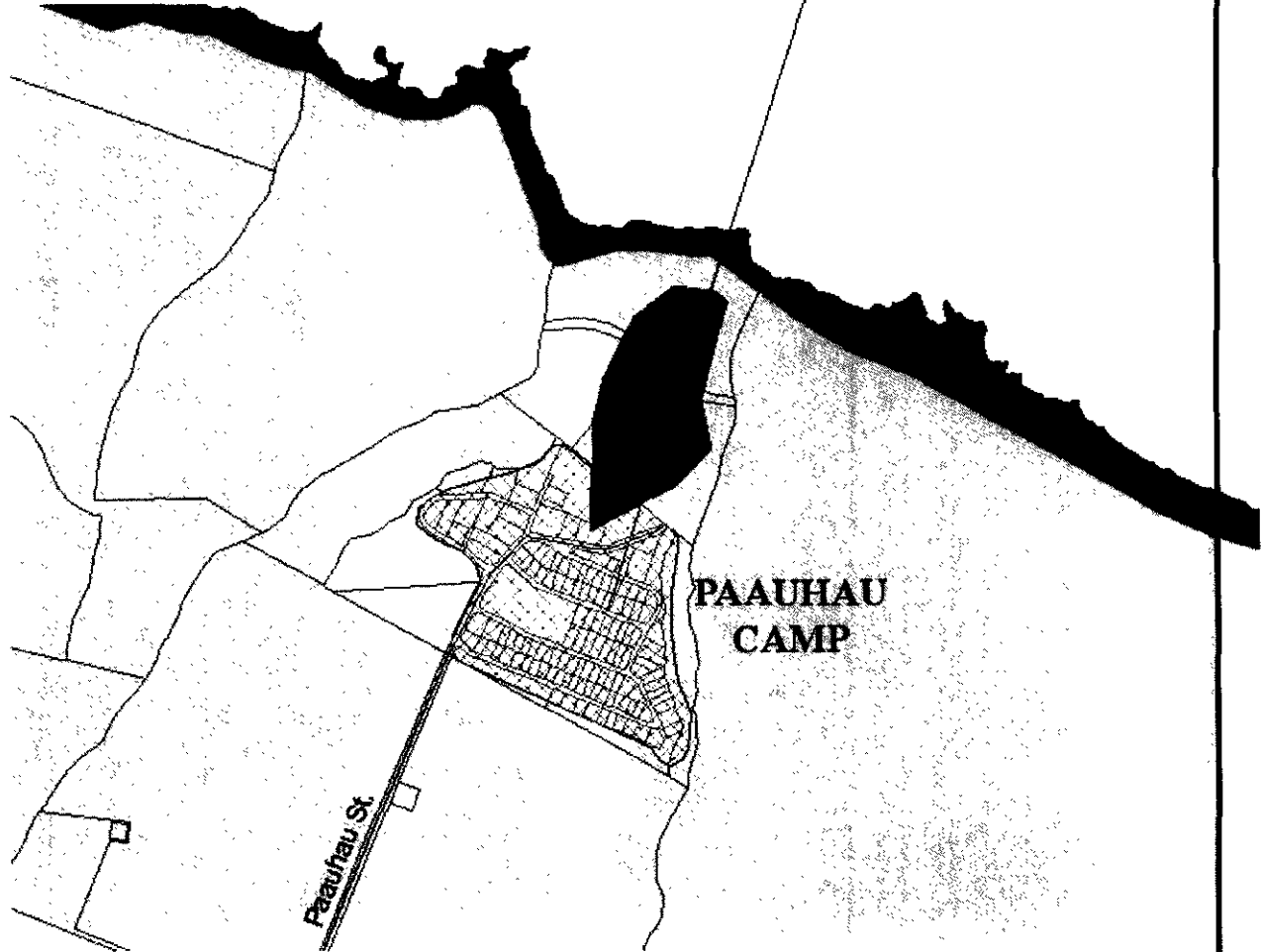




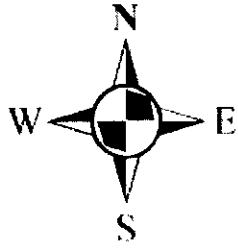
# Paauhau Area

- LEGEND
- Important Ag. Lands
  - Industrial
  - Open Area
  - Proposed Rural

Important Ag. Lands to Rural C-1



Date : February 24, 2006

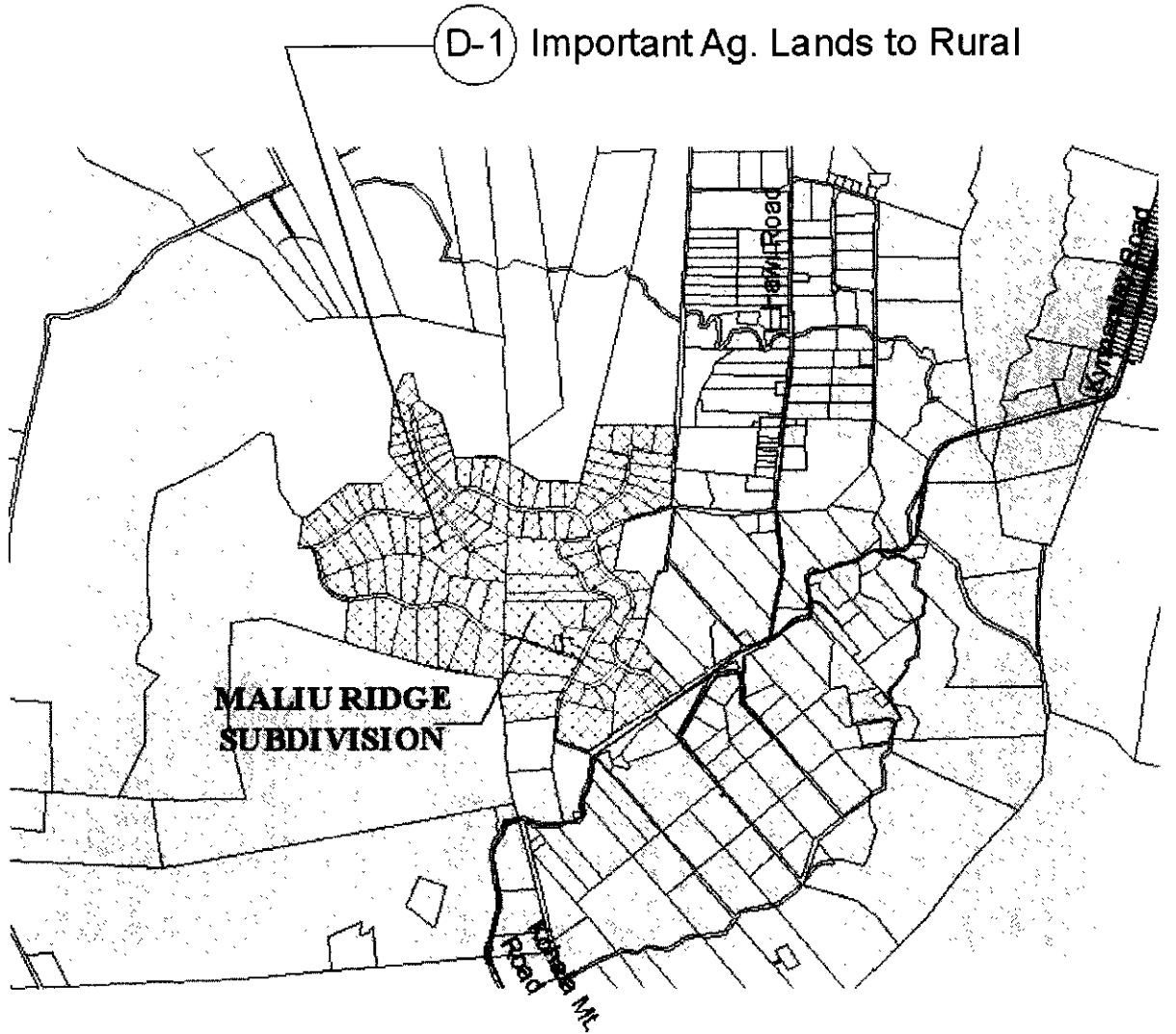


# Maliu Ridge

## LEGEND

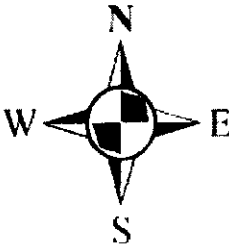
- Important Ag. Lands
- Low Density Urban
- Proposed Rural

D-1 Important Ag. Lands to Rural



N. Kohala - 1

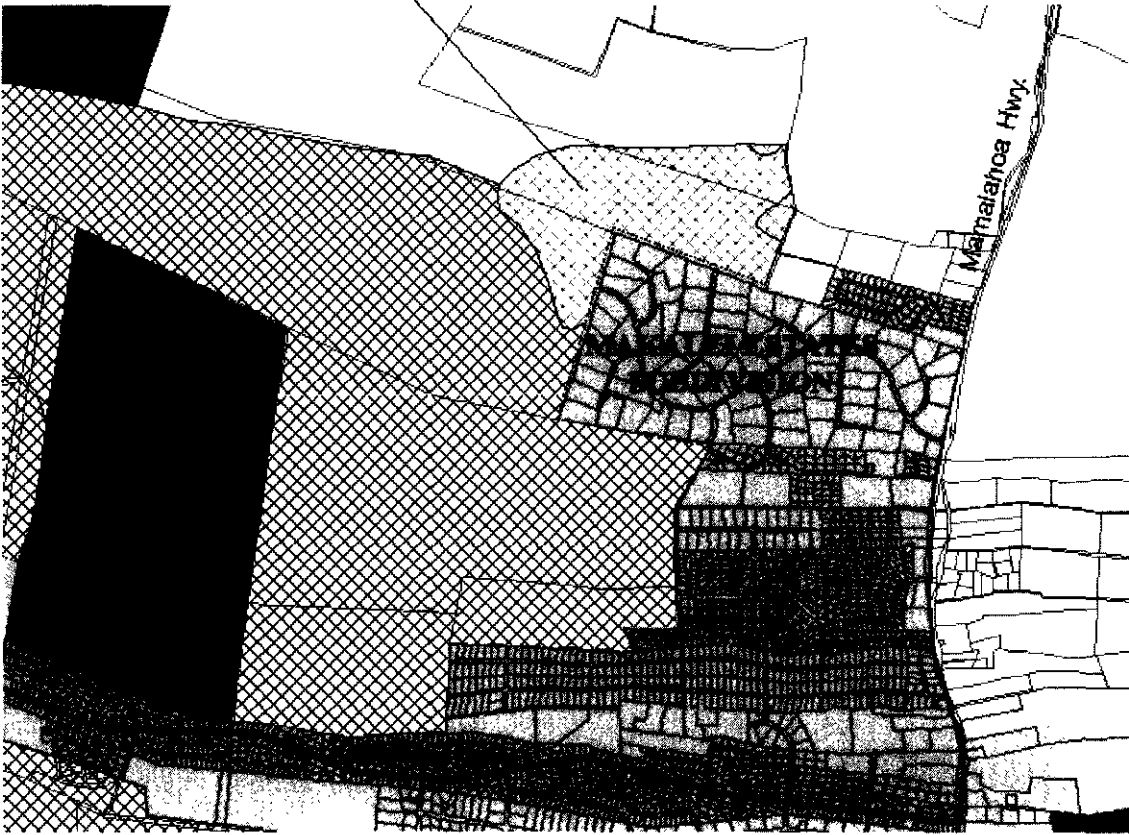
# Makalei Area



- LEGEND
- Conservation
  - Extensive Agriculture
  - Important Ag. Lands
  - Low Density Urban
  - Proposed Conservation
  - Urban Expansion
  - University Use

E-1

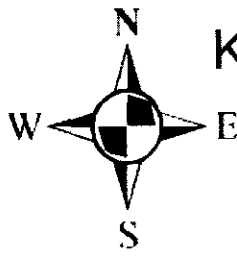
Urban Expansion to Conservation





Date : April 3, 2006

# Kohanaiki/Kealakehe/Honokohau



## LEGEND

- High Density Urban
- Industrial
- Low Density Urban
- Medium Density Urban
- Open Area
- Proposed Conservation
- Proposed Low Density Urban
- Proposed Open Area
- Proposed Urban Expansion
- Urban Expansion

Resort, Medium Density Urban,  
 Low Density Urban and Open to  
 Open, Low Density Urban and  
 Urban Expansion

E-2



Urban Expansion  
 to Conservation

E-3

Open to Urban  
 Expansion

E-4

Honokohau Harbor

Open to Urban Expansion

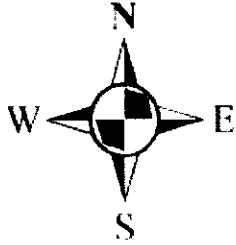
E-5



N. Kona - 2

Date : February 24, 2006

# Keauhou - Hokuia Area



## LEGEND

- Extensive Agriculture
- Important Ag. Lands
- Low Density Urban
- Medium Density Urban
- Open Area
- Orchards
- Proposed Extensive Ag
- Proposed Important Ag Lands
- Urban Expansion

Extensive Ag. and Orchards  
to Important Ag. Lands

E-6

Orchards and  
Important Ag. Lands  
to Extensive Ag.

E-7

Important Ag. Lands  
to Extensive Ag.

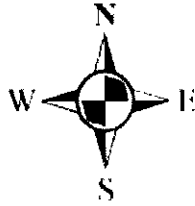
E-8



N. Kona - 3

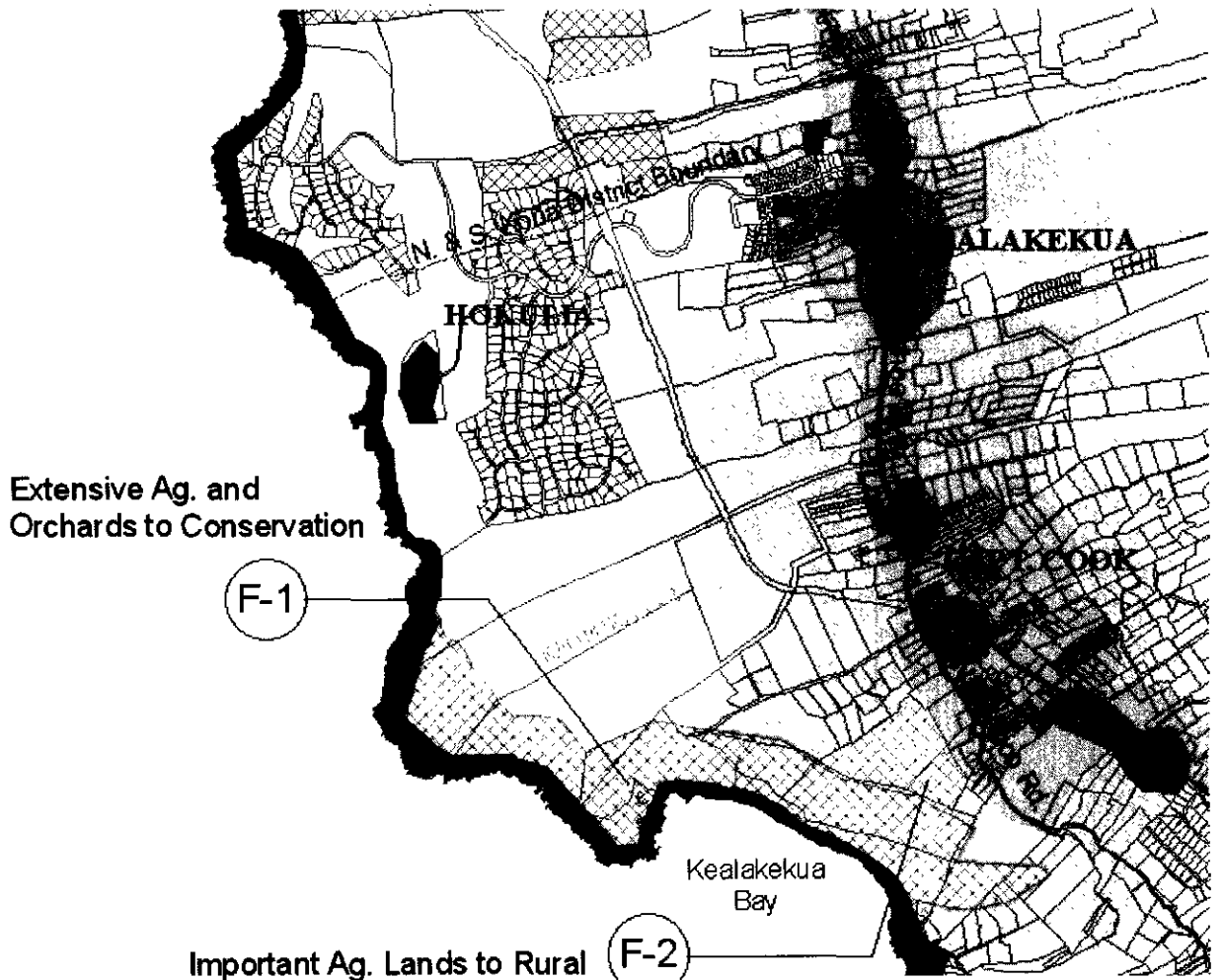
Date : April 28, 2006

# Hokulia / Keopuka / Kealakekua Areas



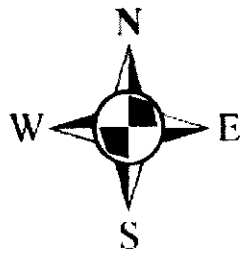
## LEGEND

- Extensive Agriculture
- Important Ag. Lands
- Low Density Urban
- Medium Density Urban
- Open Area
- Orchards
- Proposed Conservation
- Proposed Extensive Ag
- Proposed Important Ag Lands
- Proposed Rural
- Resort
- Rural



S. Kona - 1

Date : February 24, 2006

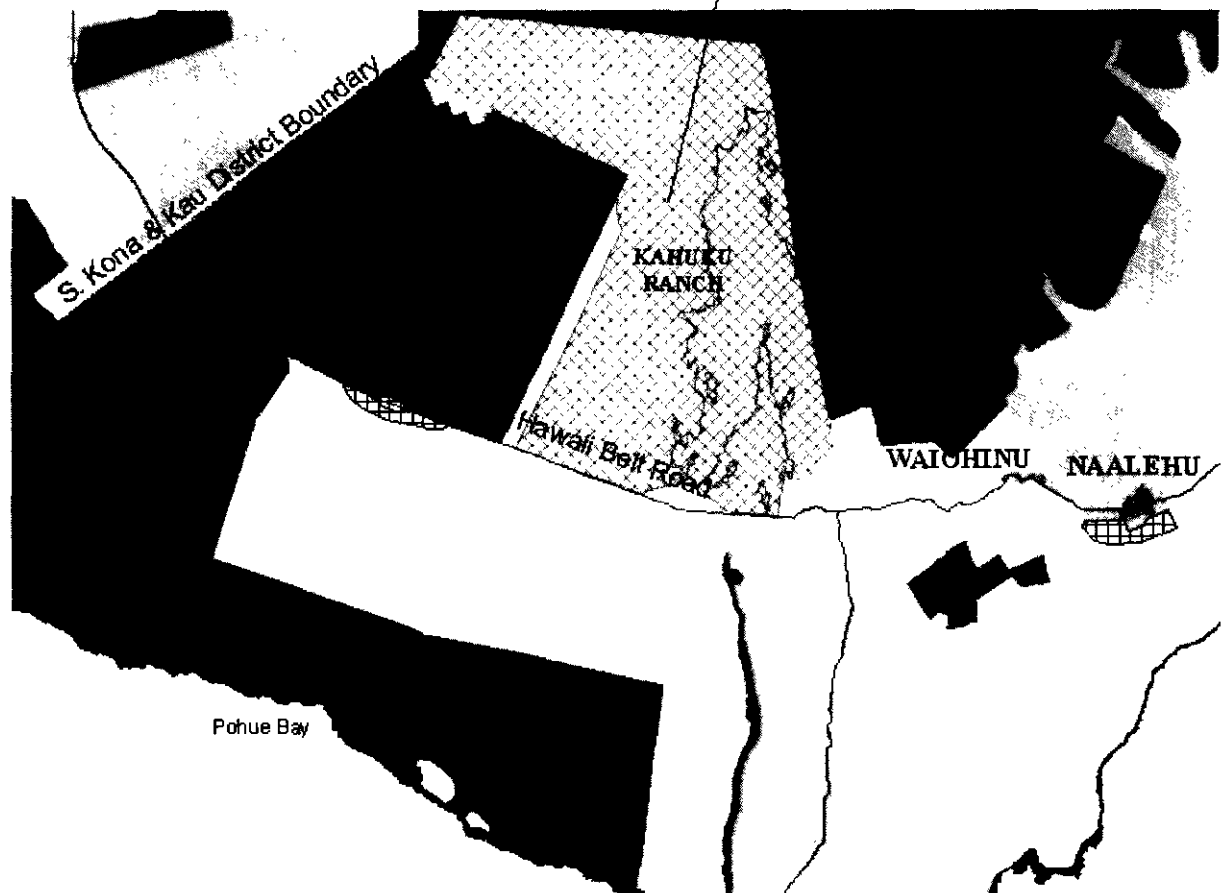


# National Park Service Land

## LEGEND

-  Conservation
-  Extensive Agriculture
-  Important Ag. Lands
-  Low Density Urban
-  Medium Density Urban
-  Proposed Conservation
-  Rural
-  Urban Expansion

Extensive Ag. to  
Conservation **G-1**



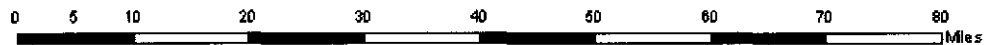
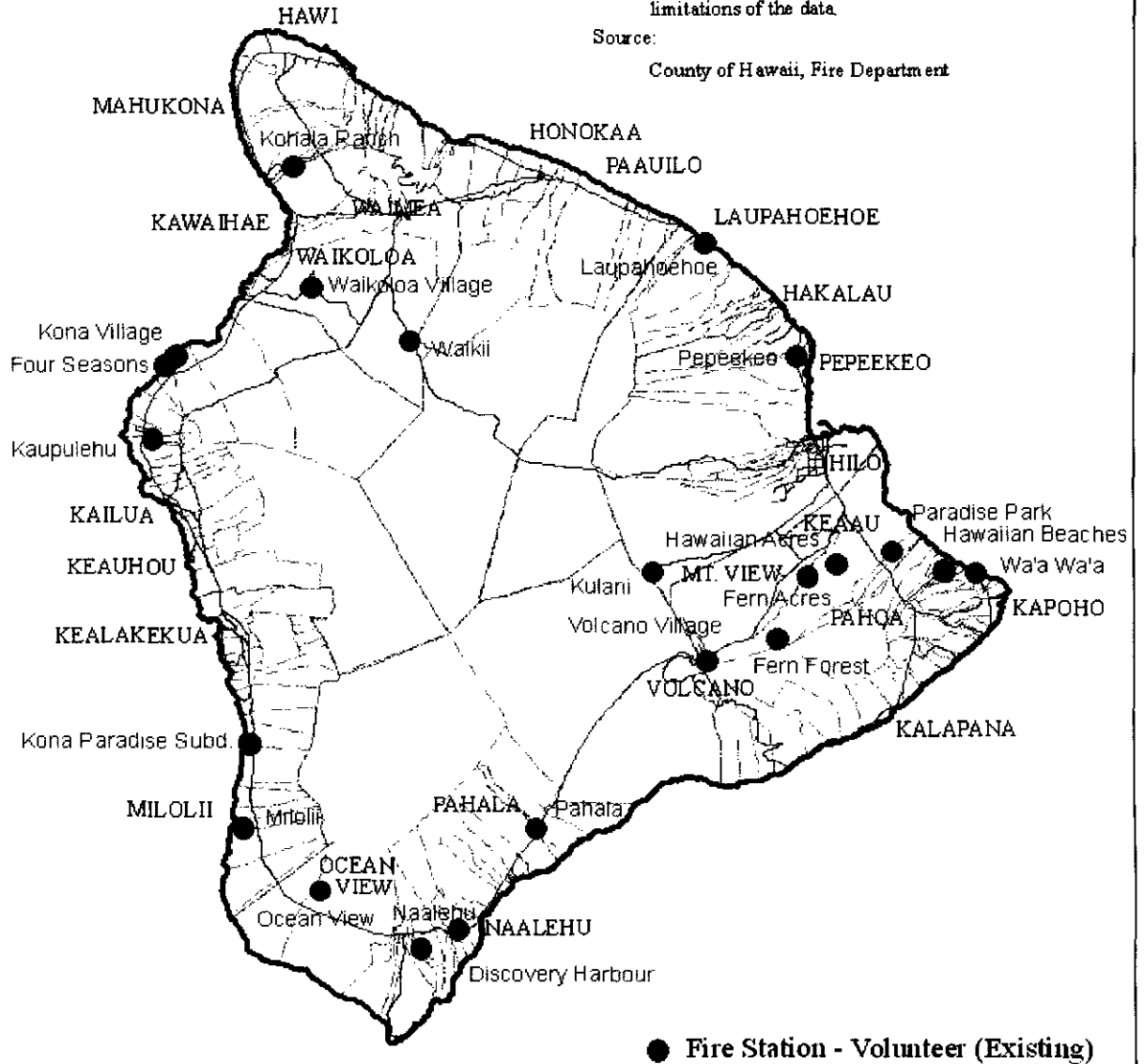
Kau - 1

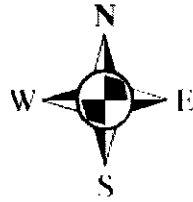


# PUBLIC FACILITIES - FIRE STATION FACILITIES

Note: This map was produced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
County of Hawaii, Fire Department

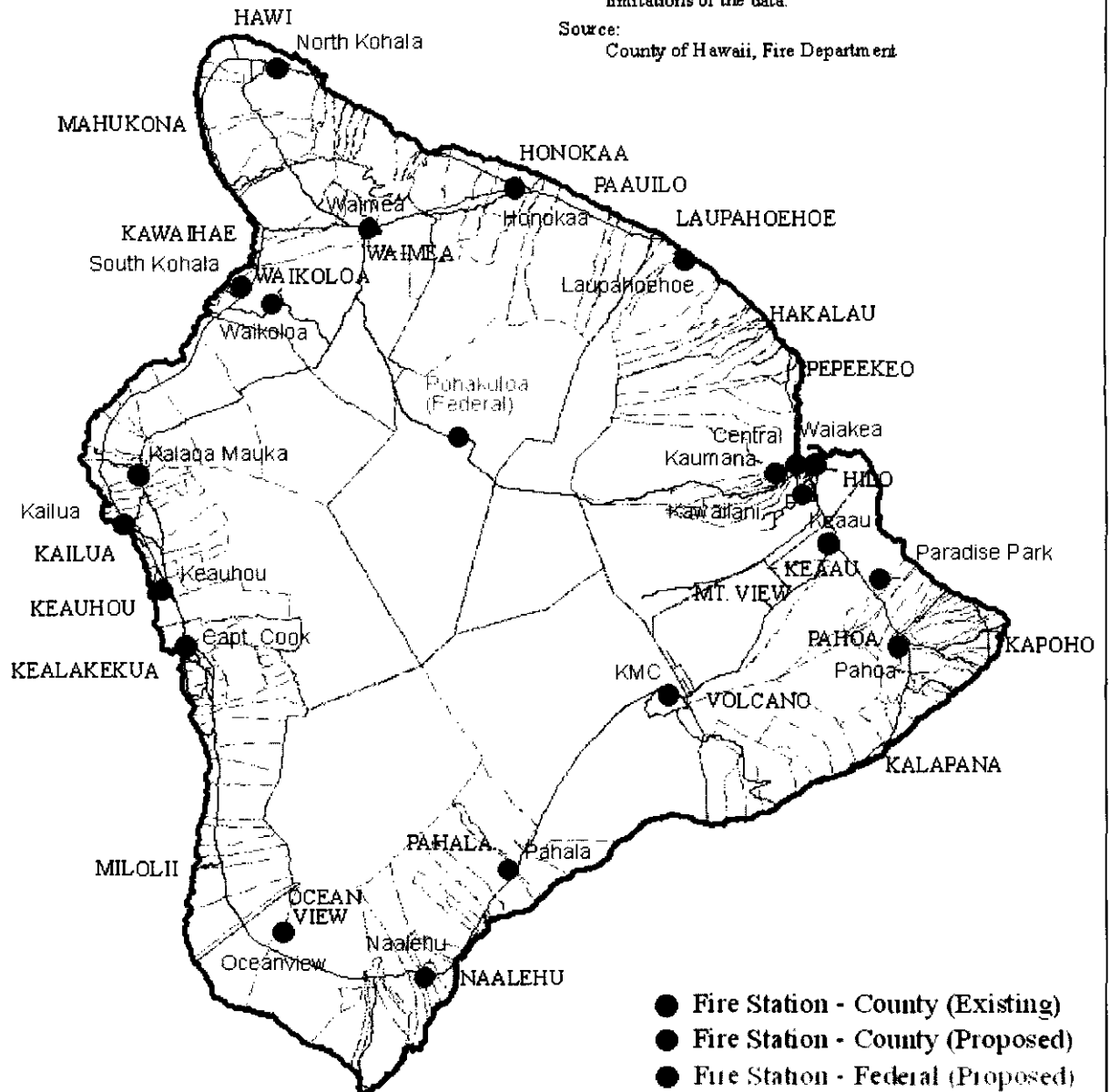




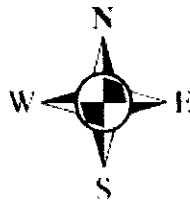
# PUBLIC FACILITIES - FIRE STATION FACILITIES

Note: This map was produced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
County of Hawaii, Fire Department

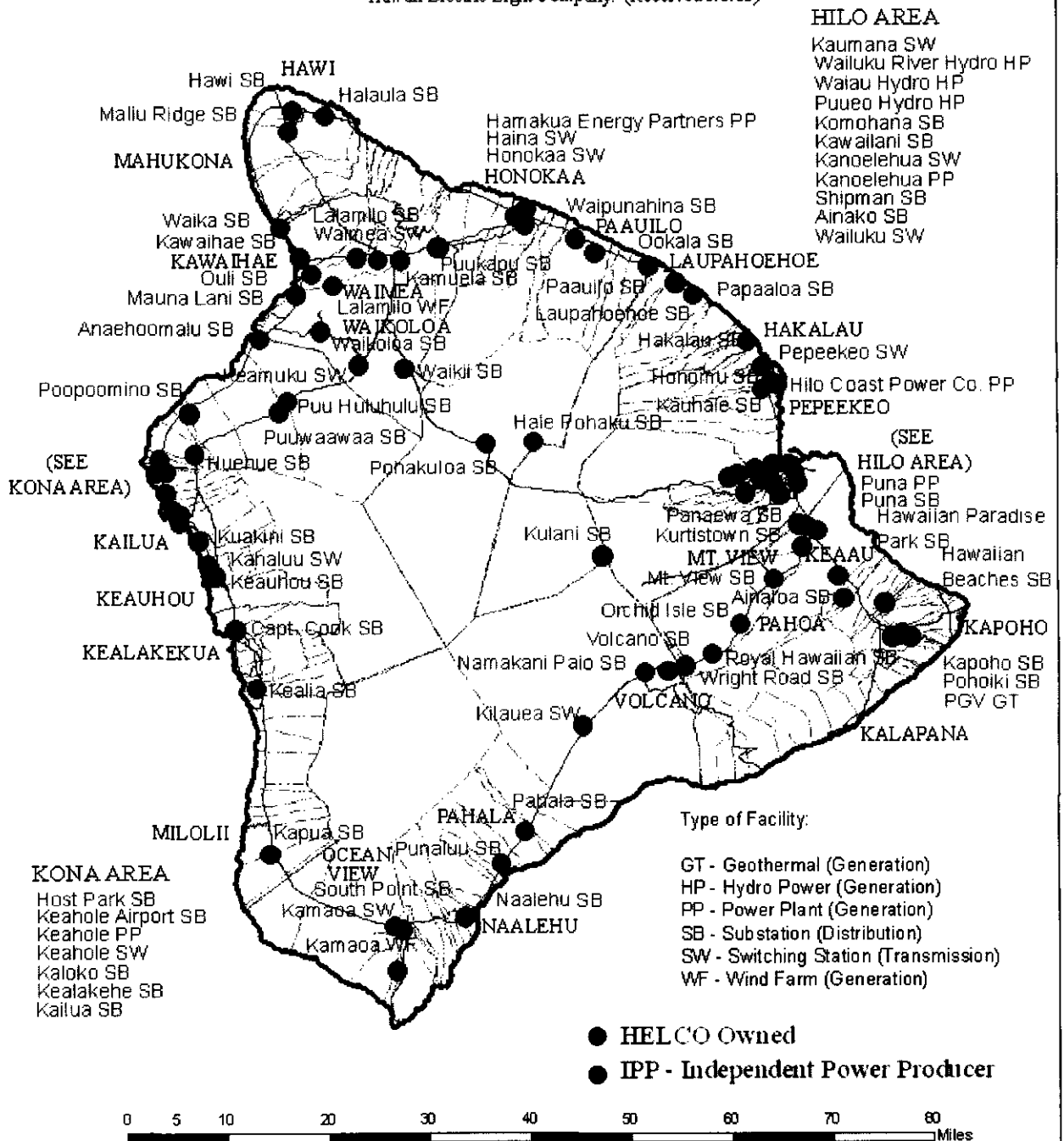


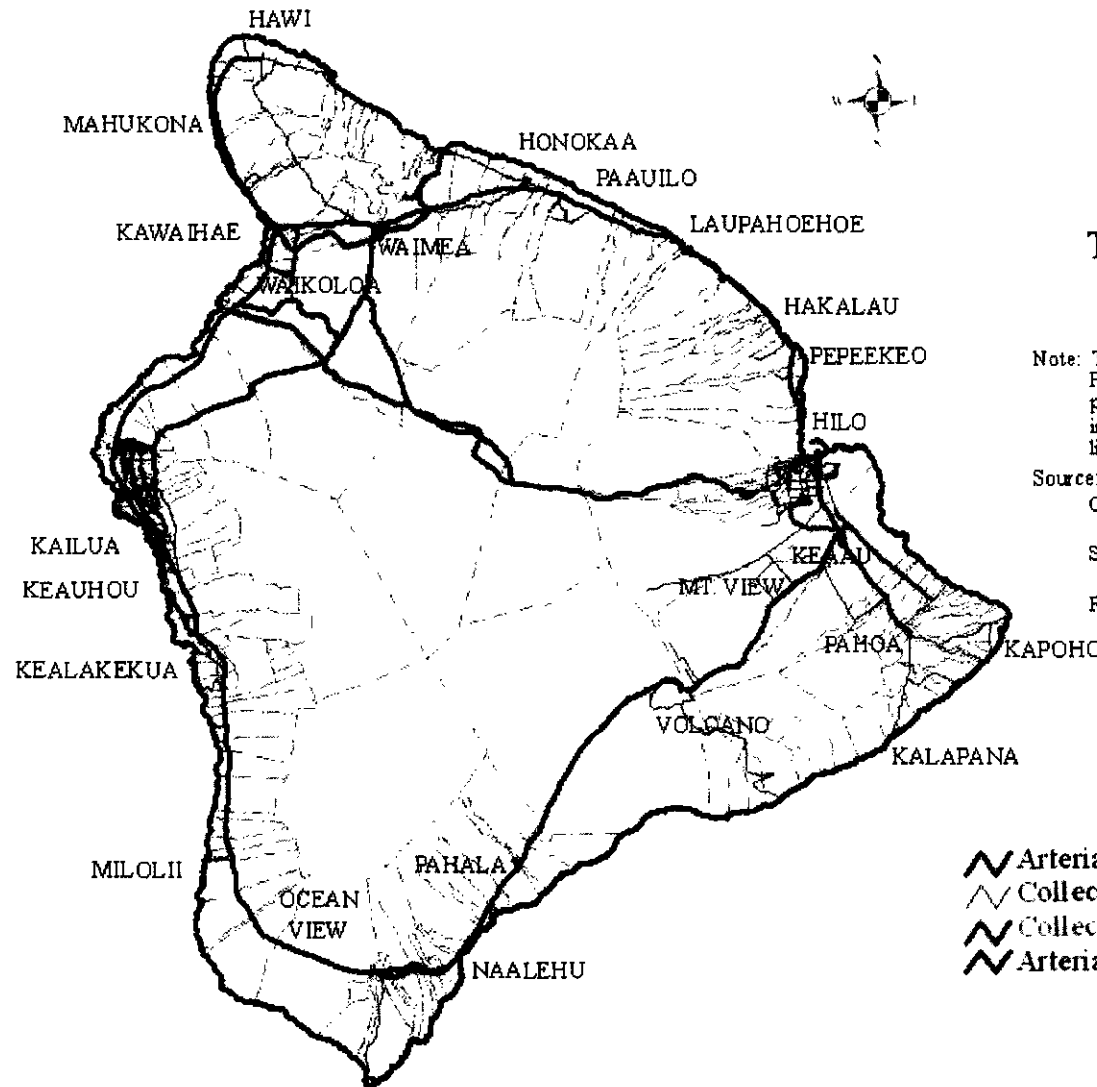
## PUBLIC UTILITIES - ELECTRICITY



Note: This map was produced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
Hawaii Electric Light Company. (Received 5/6/03)









## TRANSPORTATION - ROADWAYS

Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
County of Hawaii, Department of Public Works,  
Engineering Division  
State of Hawaii, Department of Transportation,  
Highways Division

Reference:  
Okahara & Associates, Inc. -  
Engineering Consultants  
(Saddle Road Alignments)

-  Arterials (Existing)
-  Collectors (Existing)
-  Collectors (Future)
-  Arterials (Future)





Date: August 11, 2006







## TRANSPORTATION - ROADWAYS

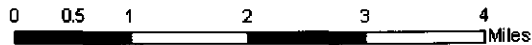
Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source: County of Hawaii, Department of Public Works, Engineering Division

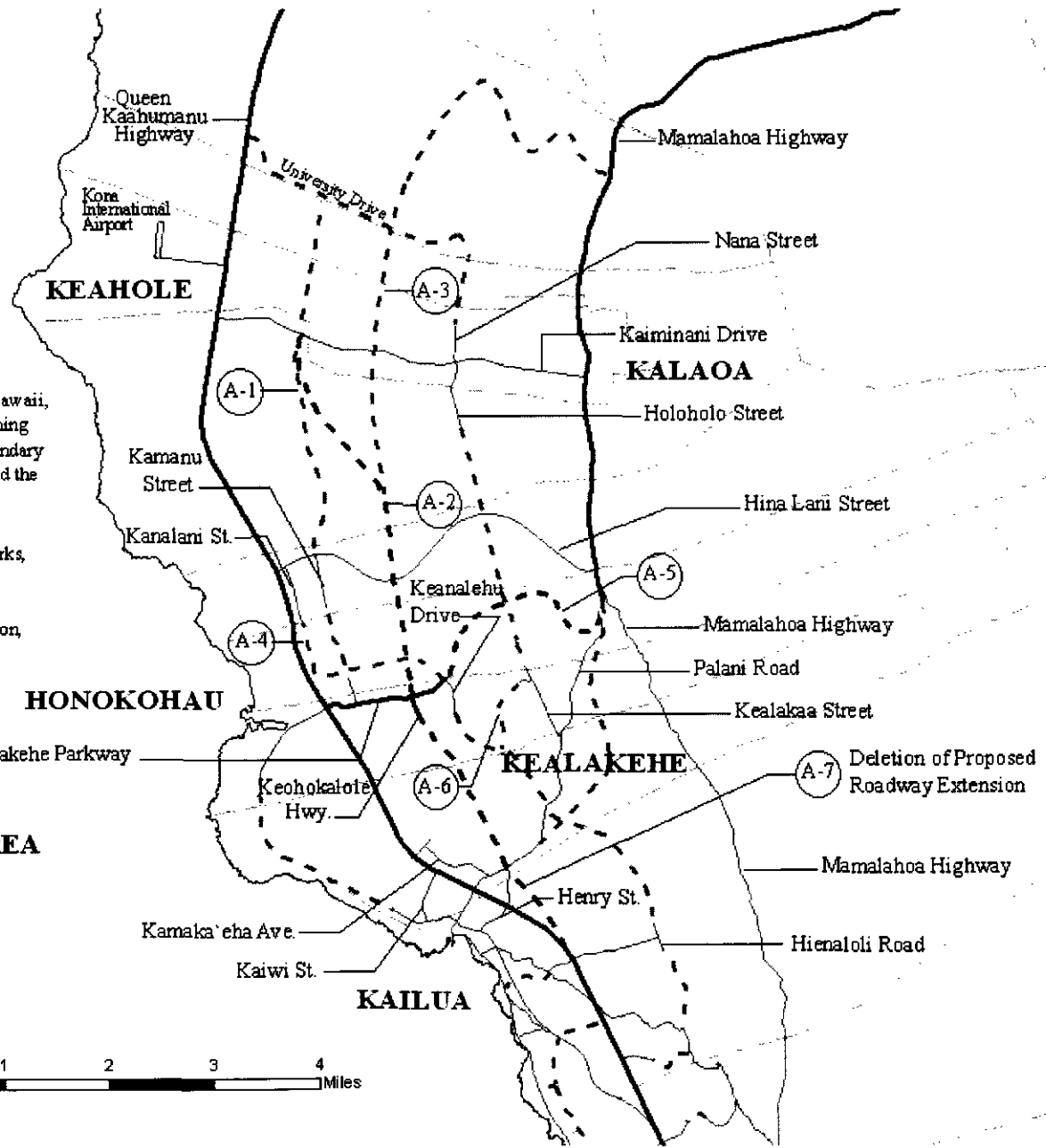
State of Hawaii, Department of Transportation, Highways

### KEAHOLE TO KAILUA AREA

-  Arterials (Existing)
-  Collectors (Existing)
-  Collectors (Future)
-  Arterials (Future)



Roads - Map A



Date: August 11, 2006

# TRANSPORTATION - ROADWAYS

Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

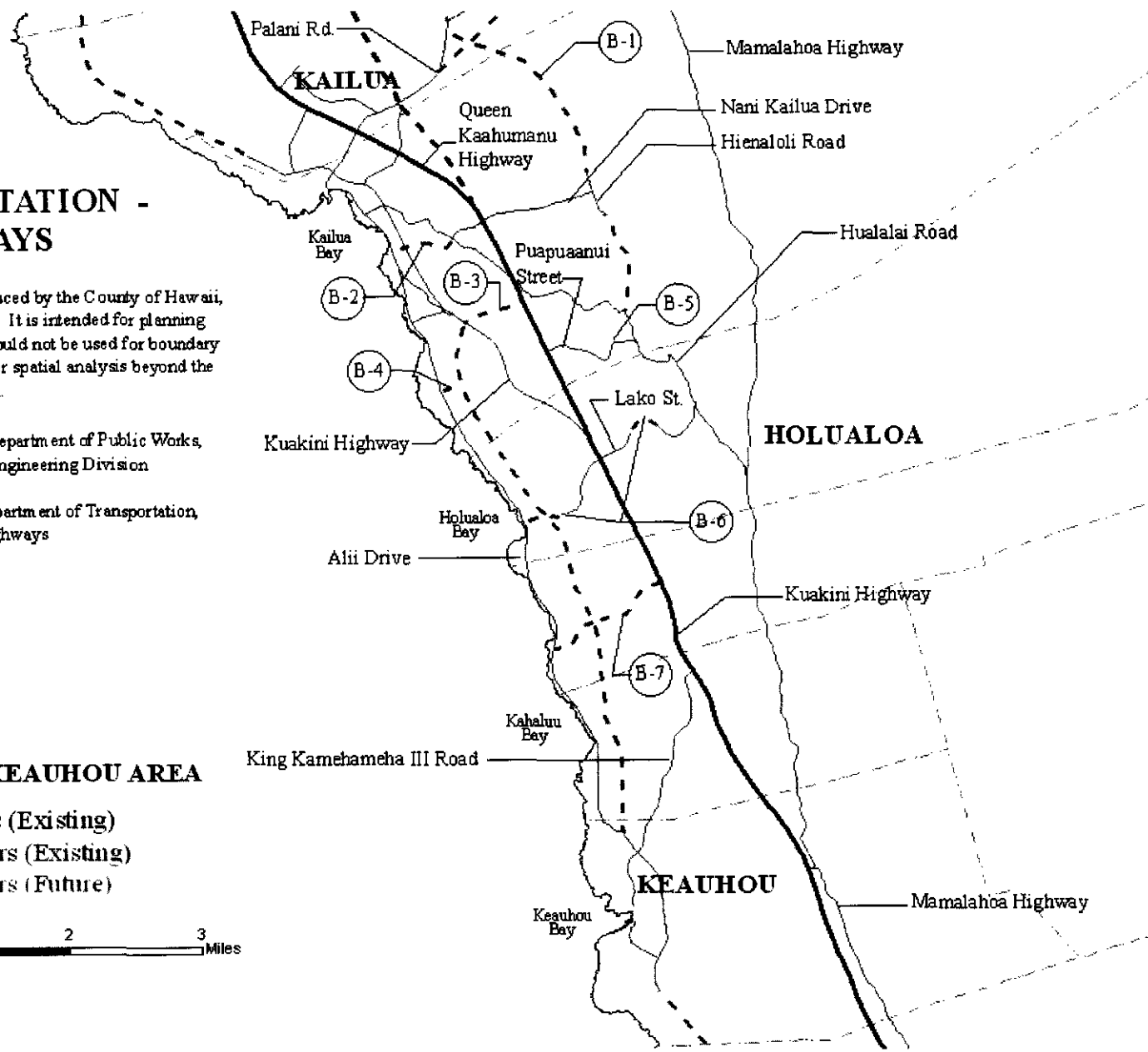
Source: County of Hawaii, Department of Public Works, Engineering Division

State of Hawaii, Department of Transportation, Highways



## KAILUA TO KEAUHOU AREA

- Arterials (Existing)
- Collectors (Existing)
- Collectors (Future)



Date: February 24, 2006




# TRANSPORTATION - ROADWAYS

Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source: County of Hawaii, Department of Public Works, Engineering Division

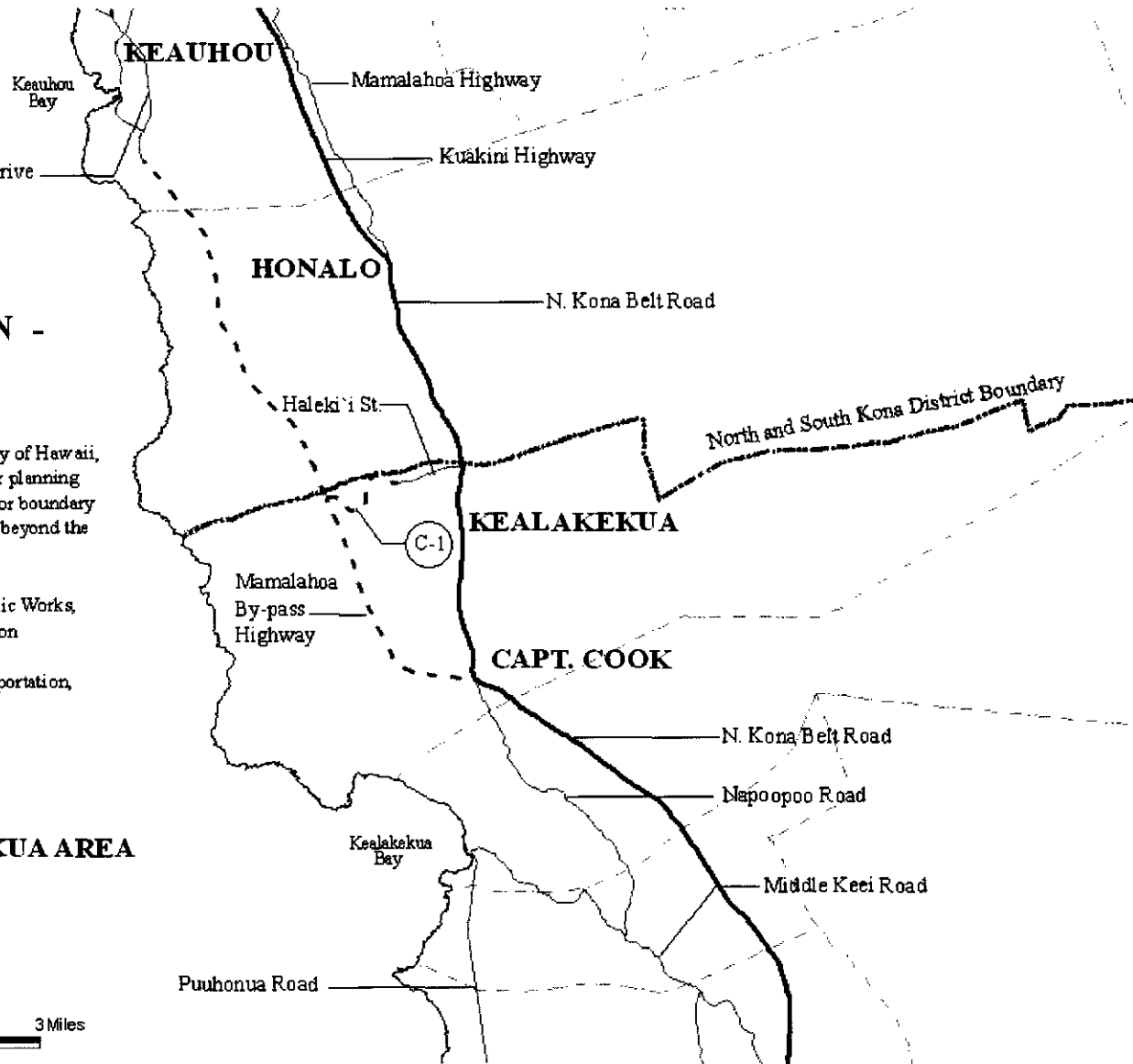
State of Hawaii, Department of Transportation, Highways

## KEAUHOU TO KEALAKEKUA AREA

-  Arterials (Existing)
-  Collectors (Existing)
-  Collectors (Future)

0 0.5 1 2 3 Miles

Roads - Map C



Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Date: February 24, 2006

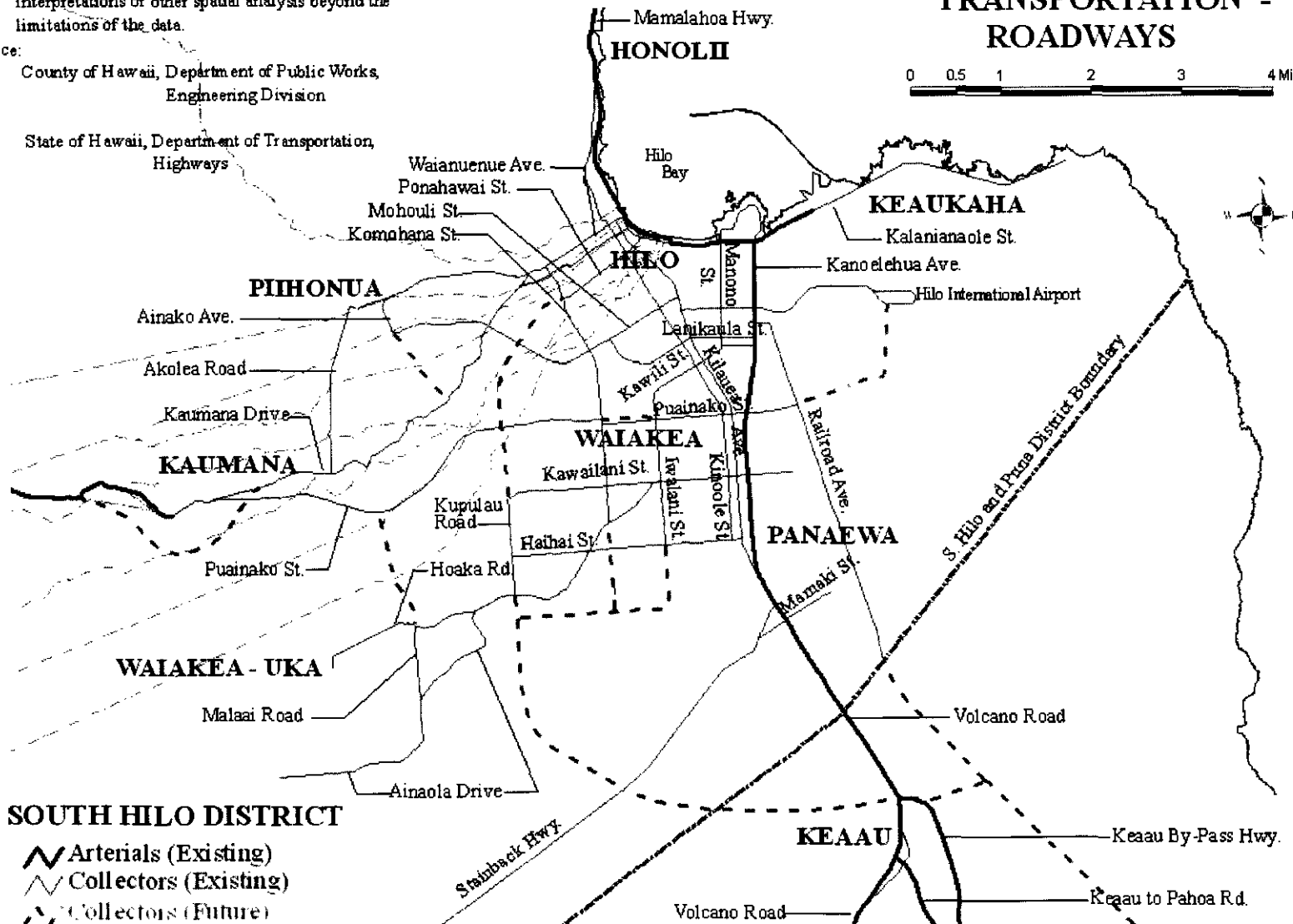
Source:

County of Hawaii, Department of Public Works, Engineering Division

State of Hawaii, Department of Transportation, Highways

## TRANSPORTATION - ROADWAYS

0 0.5 1 2 3 4 Miles



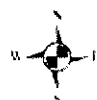
### SOUTH HILO DISTRICT

- Arterials (Existing)
- Collectors (Existing)
- Collectors (Future)

Roads - Map D

Date: February 24, 2006

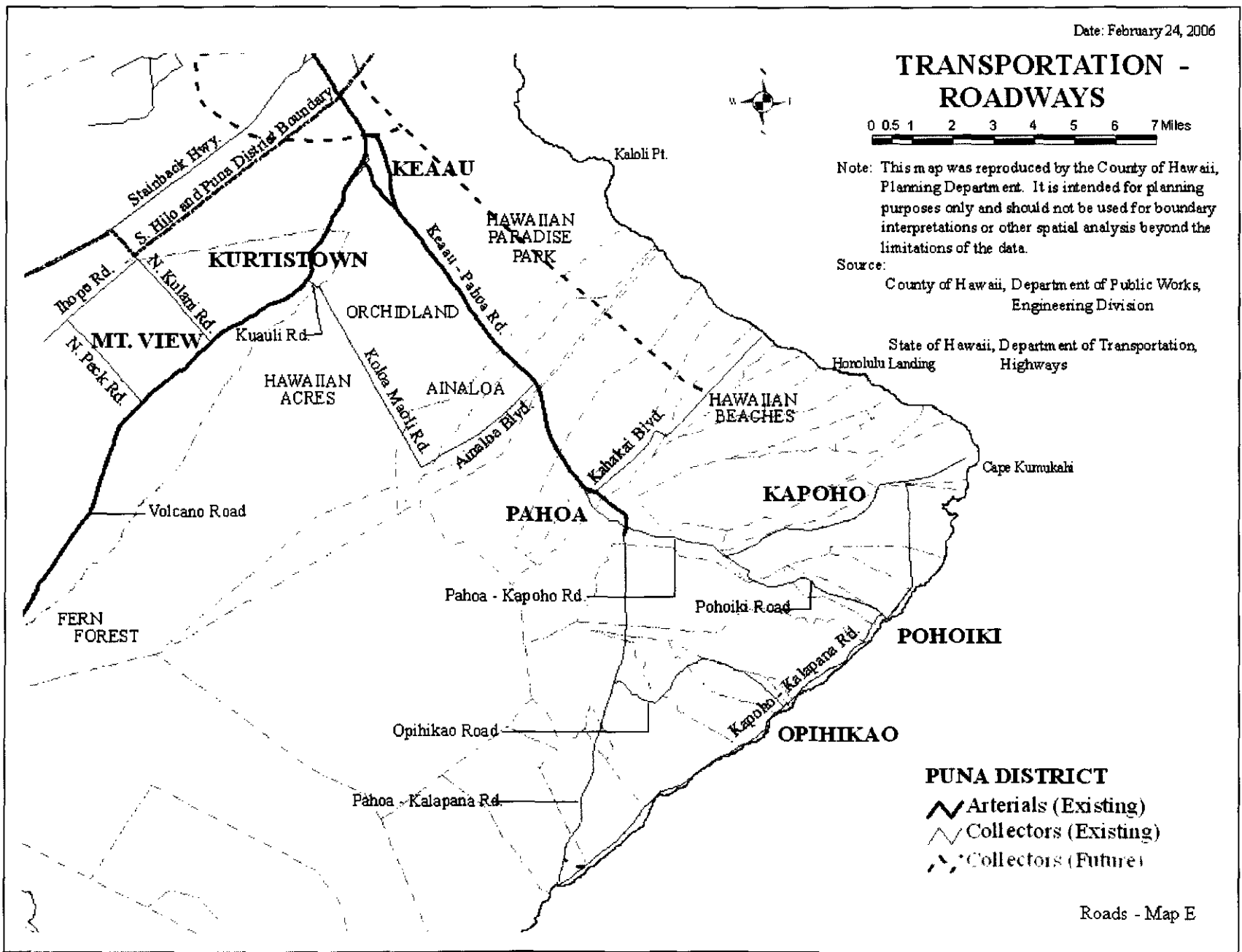
# TRANSPORTATION - ROADWAYS



Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source: County of Hawaii, Department of Public Works, Engineering Division

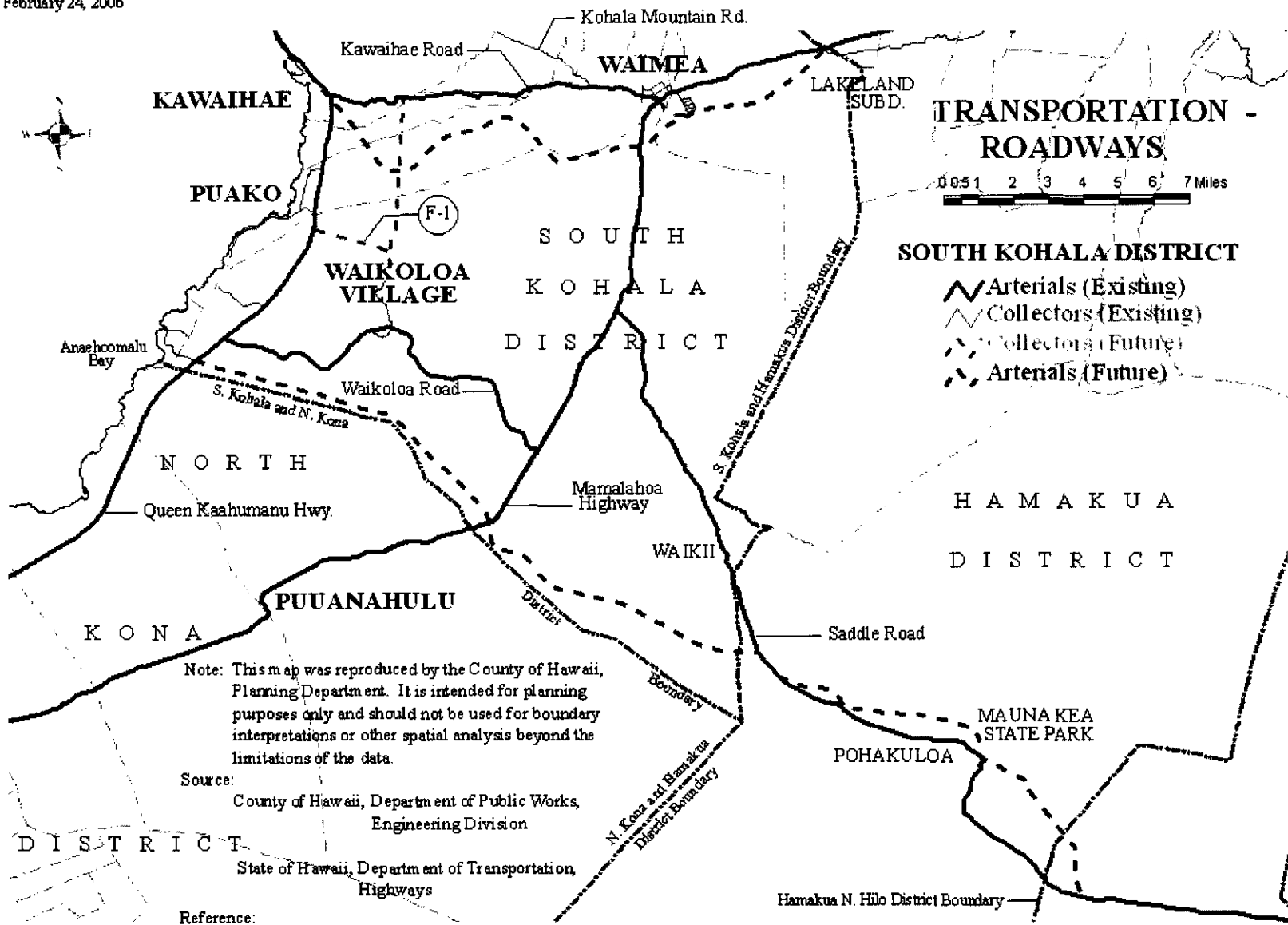
State of Hawaii, Department of Transportation, Highways



- PUNA DISTRICT**
- Arterials (Existing)
  - Collectors (Existing)
  - Collectors (Future)

Roads - Map E

Date: February 24, 2006



### TRANSPORTATION - ROADWAYS

0.5 1 2 3 4 5 6 7 Miles

#### SOUTH KOHALA DISTRICT

- Arterials (Existing)
- Collectors (Existing)
- Collectors (Future)
- Arterials (Future)

Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
County of Hawaii, Department of Public Works, Engineering Division





State of Hawaii, Department of Transportation, Highways

Reference:  
Okahara & Associates, Inc. -  
Engineering Consultants  
(Saddle Road Alignments)

Roads - Map F

Date: February 24, 2006

### HAMAKUA DISTRICT

-  Arterials (Existing)
-  Collectors (Existing)
-  Collectors (Future)
-  Arterials (Future)

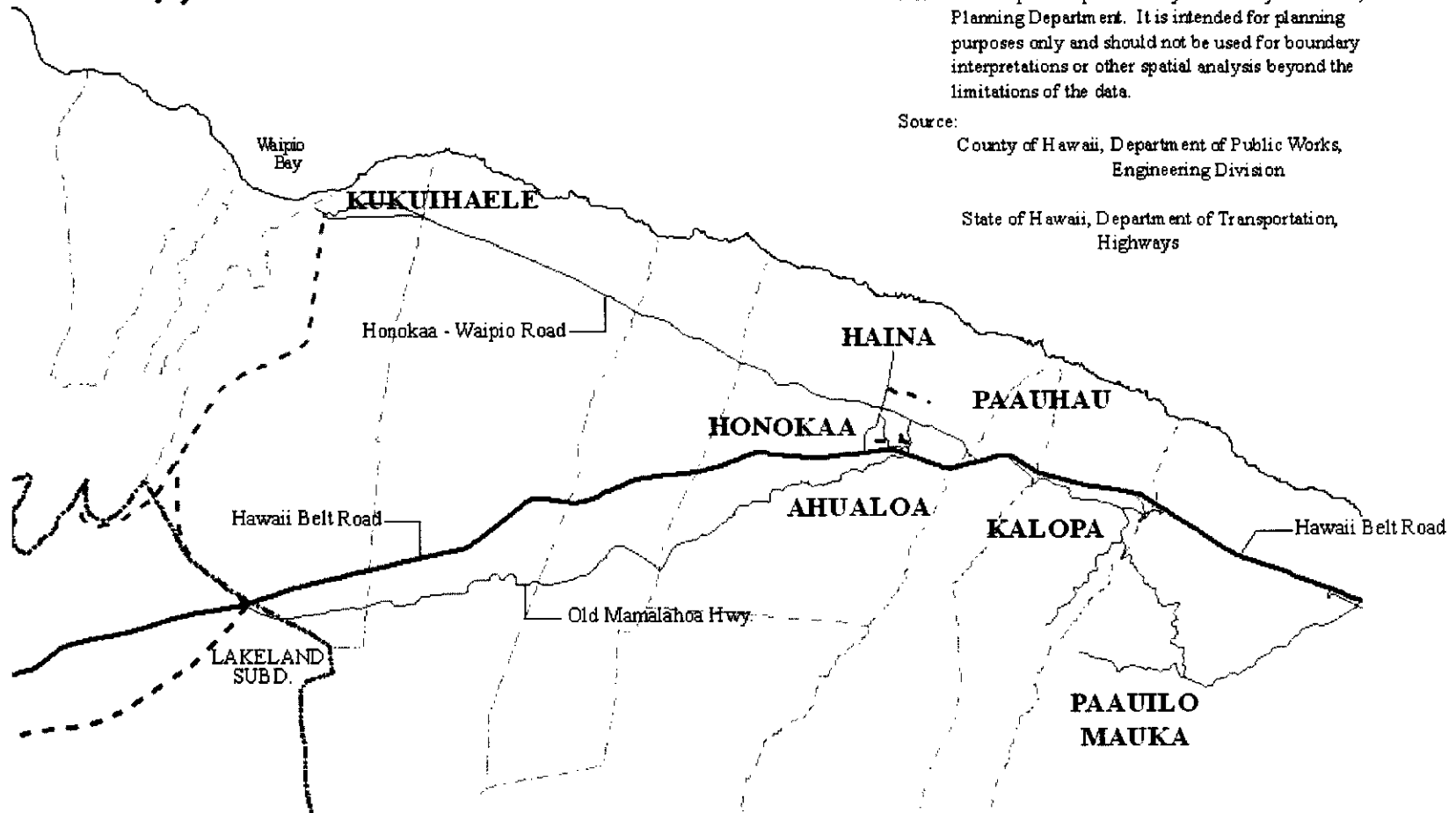


### TRANSPORTATION - ROADWAYS

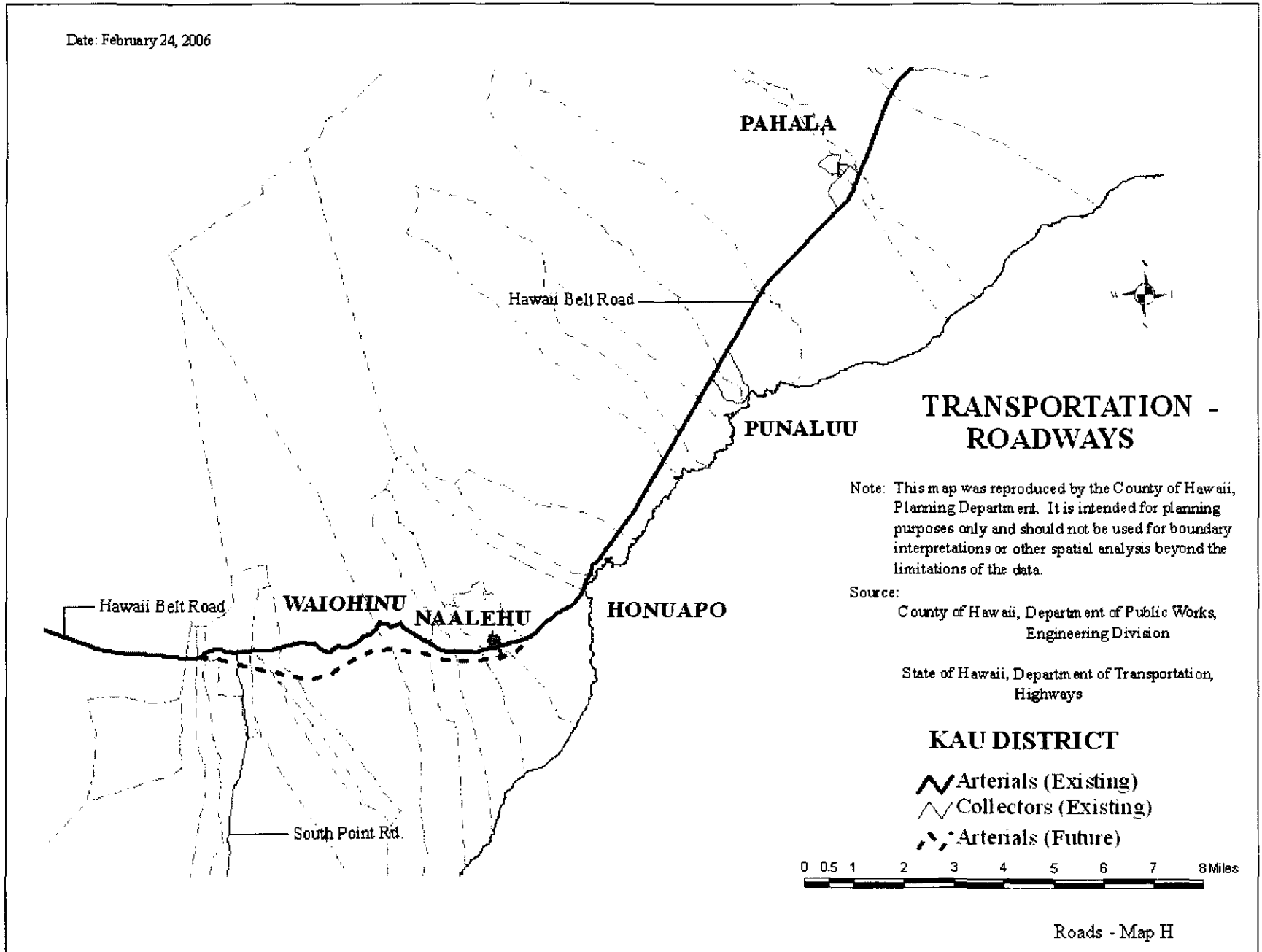
Note: This map was reproduced by the County of Hawaii, Planning Department. It is intended for planning purposes only and should not be used for boundary interpretations or other spatial analysis beyond the limitations of the data.

Source:  
County of Hawaii, Department of Public Works,  
Engineering Division

State of Hawaii, Department of Transportation,  
Highways



Date: February 24, 2006





OFFICE OF THE COUNTY CLERK  
County of Hawai'i  
Hilo, Hawai'i

(Draft 4)

Introduced By: K. Angel Pilago  
Date Introduced: August 23, 2006  
First Reading: August 23, 2006  
Published: September 1, 2006

REMARKS:  
September 7, 1996 - Postponed  
October 24, 2006 - Public Hearing  
November 15, 2006 - Postponed  
November 24, 2006 - Public Hearing

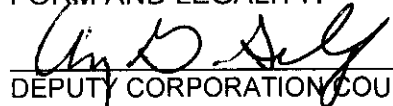
Second Reading: November 29, 2006  
To Mayor: December 1, 2006  
Returned: December 7, 2006  
Effective: December 7, 2006  
Published: December 22, 2006



REMARKS:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ROLL CALL VOTE				
	AYES	NOES	ABS	EX
Arakaki	X			
Higa	X			
Hoffmann	X			
Holschuh	X			
Ikeda	X			
Isbell	X			
Jacobson	X			
Pilago	X			
Safarik	X			
	9	0	0	0

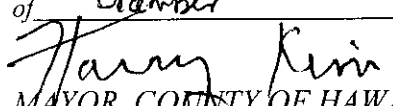
ROLL CALL VOTE				
	AYES	NOES	ABS	EX
Arakaki	X			
Higa	X			
Hoffmann	X			
Holschuh	X			
Ikeda	X			
Isbell	X			
Jacobson	X			
Pilago		X		
Safarik	X			
	8	1	0	0

I DO HEREBY CERTIFY that the foregoing BILL was adopted by the County Council published as indicated above.

APPROVED AS TO  
FORM AND LEGALITY:  
  
DEPUTY CORPORATION COUNSEL  
COUNTY OF HAWAII  
Date DEC 01 2006

  
COUNCIL CHAIRMAN  
  
COUNTY CLERK

Bill No.: 309 (Draft 4)  
Reference: C-964.48/PC-104  
Ord No.: 06 153

Approved/Disapproved this 7<sup>th</sup> day  
of December, 2006  
  
MAYOR, COUNTY OF HAWAII