STATE ROUTE SYSTEM

COUNTY OF MAUI

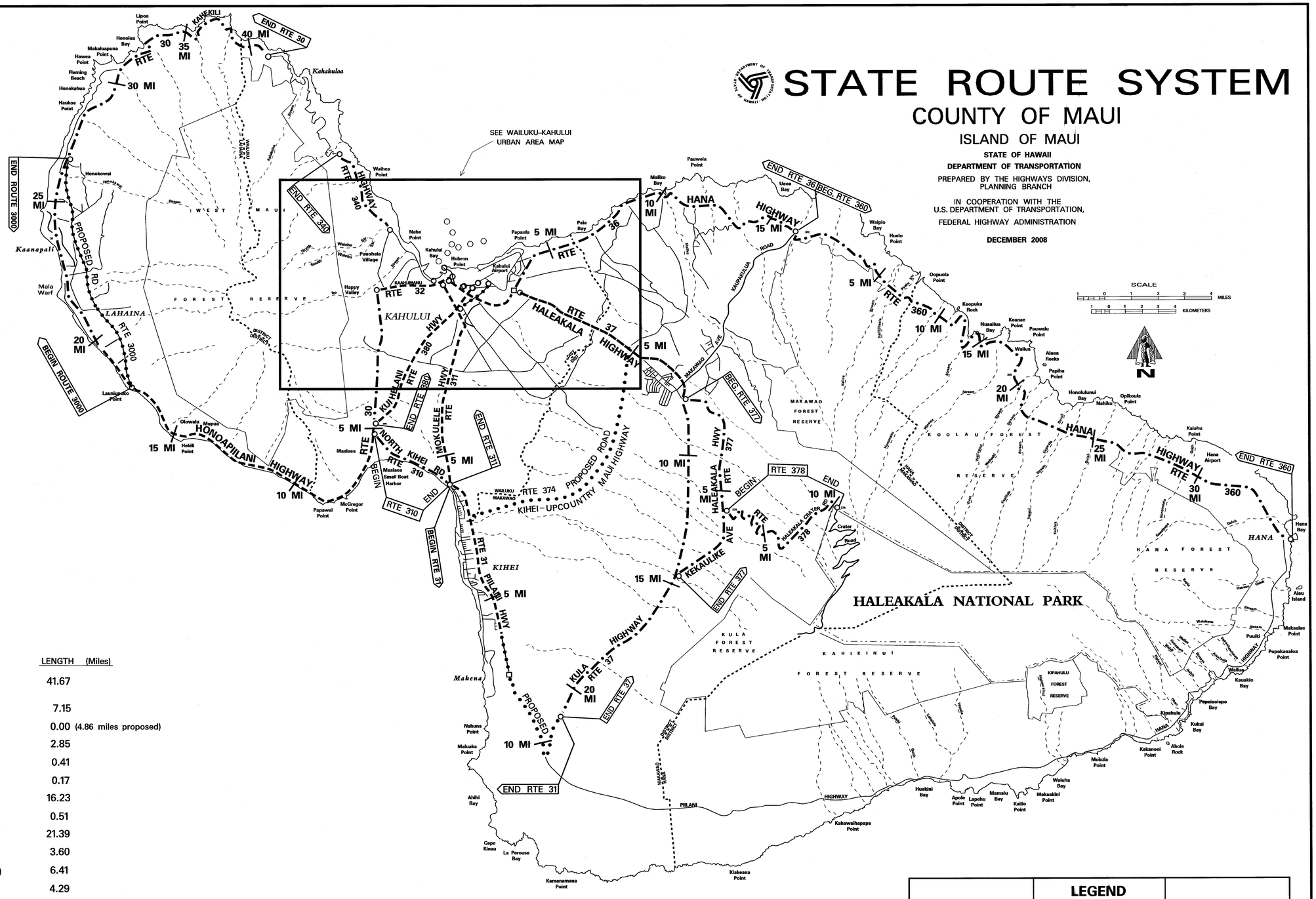
ISLAND OF MAUI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION,
PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2008


SEE WAILUKU-KAHULUI URBAN AREA MAP
END ROUTE 3000
BEGIN ROUTE 3000
PROPOSED RD
RTE 3000
20 MI
25 MI
Kaanapali
Mala Wharf
LAHAINA
Launiupoko Point
HONOAPIILANI HIGHWAY
15 MI
10 MI
Olowalu
Mopua
Hekili Point
Papawai Point
McGregor Point
RTE 30
30 MI
35 MI
40 MI
KAHEKILI
END RTE 30
Kahakuloa
Honolua Bay
Makaluapuna Point
Hawea Point
Fleming Beach
Honokahua
Haukoe Point
Honokowai
I A O
W E S T
M A U I
FOREST RESERVE
DISTRICT BOUNDARY
Waihee Point
HIGHWAY 340
END RTE 340
Nahe Point
Kahului Bay
Hobron Point
Papaula Point
Paia Bay
Puuohala Village
Happy Valley
KAAHUMANU AVE
RTE 32
KAHULUI
Kahului Airport
RTE 36
5 MI
RTE HALEAKALA HIGHWAY 37
RTE 360
HWY 311
KUIHELANI HWY
END RTE 380
MOKULELE RTE
END RTE 311
5 MI
30
NORTH KIHEI RTE 310
Maalaea
Maalaea Small Boat Harbor
BEGIN
END
RTE 310
KIHEI-UPCOUNTRY MAUI HIGHWAY
PROPOSED ROAD
RTE 374
WAILUKU MAKAWAO
BEGIN RTE 31
KIHEI
PILANI HWY
RTE 31
5 MI
Makena
PROPOSED
10 MI
END RTE 31
Nahuna Point
Maluaka Point
Ahihi Bay
Cape Kinau
La Perouse Bay
Kamanamana Point
KULA HIGHWAY
RTE 37
20 MI
END RTE 37
KULA FOREST RESERVE
DISTRICT BOUNDARY
KAWAIHAPAI
PILANI
HIGHWAY
Kahawaihapapa Point
Kiakeana Point
Pauwela Point
Malliko Bay
HANA HIGHWAY
RTE 36
10 MI
END RTE 36
BEG. RTE 360
Uaoa Bay
Waipio Bay
Huelo Point
15 MI
5 MI
KAUPAKULUA ROAD
Oppuola Point
Keopuka Rock
Nuualikaa Bay
Keanae Point
Pauwalu Point
Waiulu
Aluea Rocks
Papiha Point
20 MI
Honolulunui Bay
Nahiku
Opikoula Point
MAKAWAO FOREST RESERVE
BEG. RTE 377
MAKAWAO AVE
HWY 377
10 MI
5 MI
HALEAKALA HWY
RTE 378
BEGIN
END
10 MI
HALEAKALA CRATER RD
RTE 378
5 MI
KEKAULIKE AVE
END RTE 377
15 MI
HALEAKALA NATIONAL PARK
KAHIKINUI FOREST RESERVE
KIPAHULU FOREST RESERVE
Kipahulu Valley
Palauea Stream
Oopuola Stream
Kaupo Gap
Kaupo Trail
Waiohuli
Kaupo
Kaupo Ranch
Huakini Bay
Apole Point
Lapehu Point
Mamalu Bay
Kailio Point
Waiuha Bay
Makaalini Point
Mokuia Point
Kakanoni Point
Abole Rock
KOOLAU FOREST RESERVE
HANA AIRPORT
HANA
25 MI
HANA HIGHWAY
RTE 30
360
END RTE 360
Kalahu Point
Hana Airport
Hana Bay
Alau Island
Makaalae Point
Puuiki
Popokanaloa Point
Waiohue
Kauakio Bay
Pepeiaolepo Bay
Kipahulu
Kukui Bay
HANA FOREST RESERVE
Waiohonu
Waiohue Stream
Kaaiea Stream
Kaaiea Gulch
Waiohue Gulch
Kaaiea Trail
Kaaiea Ridge
Waiohue Ridge
Waiohue Trail
Kaaiea Trail
Kaaiea Stream
Kaaiea Gulch
Kaaiea Ridge

STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2008

WAILUKU–KAHULUI URBAN AREA

LEGEND

- STATE (NHS)
- STATE (Non–NHS)
- PROPOSED (NHS)
- WATER (NHS)
- Route termini point

N

SCALE
2000 0 2000 4000 6000 FEET

PACIFIC OCEAN

Waiehu
Kahului Bay
Kahului Harbor
Kanaha Pond State Wildlife Sanctuary
Kanaha Beach Park
Papauia Point
Kahului Airport
Happy Valley
Wailuku
Kahului
Puunene
Iao Valley
Wailuku Heights
Pukalani

BEG RTE 340
KAHEKILI HIGHWAY RTE 340
END ROUTE 3400
WAIEHU BEACH RD ROUTE 3400
KAHULUI BEACH ROAD
BEG ROUTE 3400
BEGIN RTE 32
END RTE 32
END RTE 32A
BEGIN RTE 32A
RTE 32B
BEG RTE 36
RTE 36A
BEG RTE 3800
END RTE 3800
BEGIN RTE 3800
BEGIN RTE 380
END ROUTE 3800
BEG RTE 311
BEGIN RTE 30
RTE 30
BEGIN RTE 37
RTE 37
5 MI.
(PAIEA) TEMP. BY-PASS
PROPOSED AIRPORT ACCESS ROAD EXTENSION
HANA HIGHWAY RTE 36
HALEAKALA HIGHWAY RTE 37
KAAHUMANU AVE
MAIN ST
WELLS ST
HIGH ST
MARKET ST
MILL ST
PIIHANA ROAD
EAST Iao Stream
KANALOA AVENUE
MAHALANI STREET
WAIALE RD
KEA STREET
PAPA ST
ONEHEE AVENUE
KAMEHAMEHA AVE
WAKEA AVE
HINA AVE
LONO AVENUE
PAPA DRIVE
PUUNENE AVE
DAIRY ROAD
HALEAKALA HWY
KUIKAHI DRIVE
ALII ROAD
IAO VALLEY ROAD
IAO WAIKAPU DITCH
HONOAPIILANI HIGHWAY
KUIHELANI HIGHWAY
MOKULELE HIGHWAY RTE 311
WAIKO ROAD
HAKU DITCH
QUARRY ROAD
BALDWIN AVENUE

Date Released
Dec 2002, JK
Revised
Jan. 04 / DB
Feb. 08 / DB

2

STATE ROUTE SYSTEM

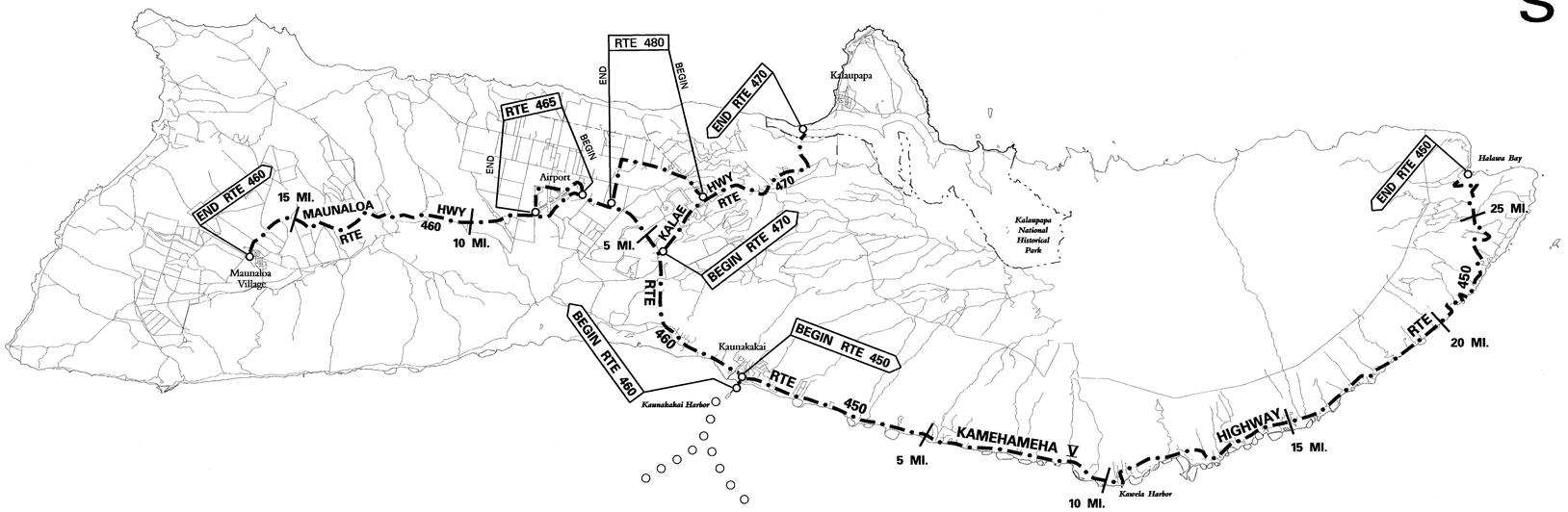
COUNTY OF MAUI

ISLANDS OF MOLOKAI & LANAI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION,
FEDERAL HIGHWAY ADMINISTRATION

DECEMBER 2008



KALOHI CHANNEL

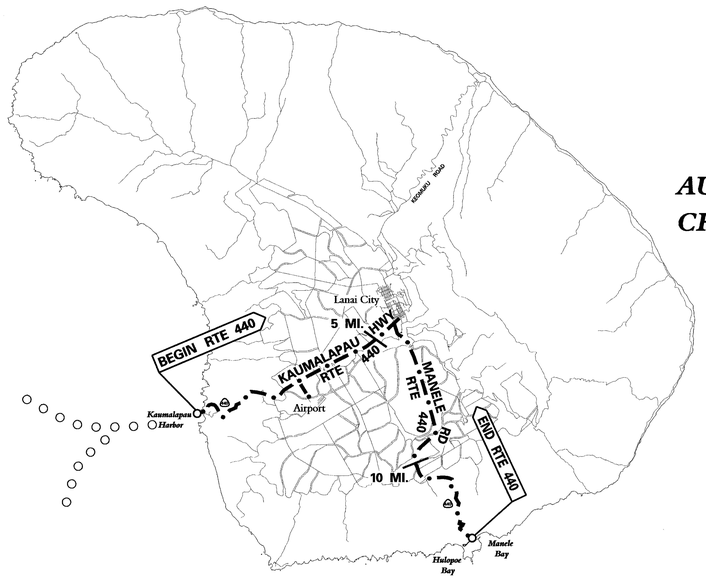
PACIFIC OCEAN

N

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS



AUAU CHANNEL

ROUTE	LENGTH (MILES)	
MOLOKAI:		
450	27.51	
460	16.56	
465	2.13	
470	5.79	
480	3.66	
MOLOKAI Total =	**55.65**	
LANAI:		
440	**13.68**	(Includes Lanai City spur (0.03 mi.) and access road (0.47 mi.) to Lanai Airport

LEGEND

- STATE (Non–NHS)
- WATER (NHS)
- Route termini point

Date Released	
Dec 2002	JK
Revised	
Jun. 04	D.B.
May. 05	D.B.

3

ROAD INVENTORY

MAUI RTE 30
HIGH ST. – HONOAPIILANI HWY.

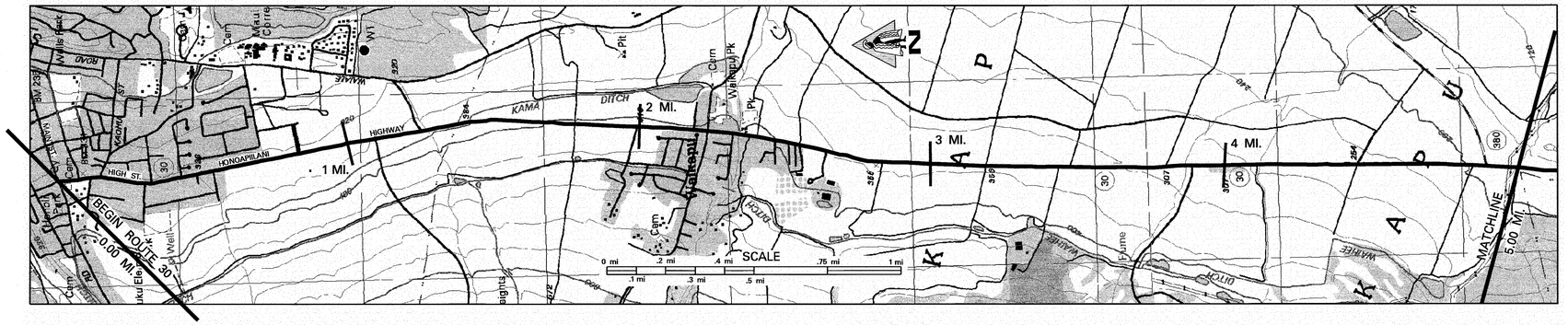
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.67 miles
- a. Survey Length: 41.67 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description (END 30E ON HIGH ST. 40' SOUTH OF THE CENTERLINE INTERSECTION WITH MAIN STREET.)

30E (0.32MI.) | 0.32 END 30D – BRGIN 30E ON HIGH STREET AT THE SOUTH E.P. OF KAHOOKELE ST. | 30 D (4.88MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SLAB, 1937, H–15 | 74' PRE–STRESSED CONC. GIRDER, HS–20–44, 2002
- Vertical Clearance: 39' (2.32) | 4.96
- Horizontal Clearance: 24' | 38' N.B. 36' S.B.

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 70' (2.23) | 4.58 85' – 195'

Available Right of Way Width (Needs Study): 0.07 | 0.13 Res. Area 0.54 | 1000' Clear, Sugar Cane Field 15' from E.P. | 2.17 | 2.23 Res. Area 2.47 | 1000' Clear, Sugar Cane Field 25' from E.P.

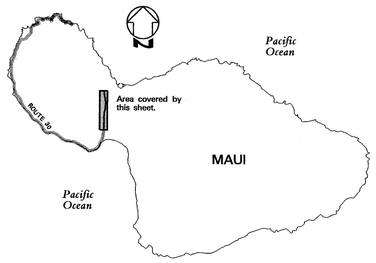
Right of Way Fence: Type – Right and Left: Pipe Fence | Chain Link | 2.46 2.52

Control of Access: 1–None, 2–Partial, 3–Full: Stone Wall 0.15 | 2.21 None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 287+60 | State | 75+13.50

Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF. 2004 0.88 | 30D–01–05, Resurf., 2006

Project No., Type of Construction, and Year Constructed: HWY–M–02–91M, 2002 (R) 0.54 | STP–0900(50), Guardrail & Shoulder Imprv., 2002 | 4.57 BR–NH–030–1(24), Bridge & Widening, 2002



Road Diagram
* MP = Milepost Signage

0.00 mi. BEGIN RTE 30 ON HIGH ST. AT THE SOUTHEAST EDGE OF PAVEMENT OF MAIN ST (RTE 32).

Sta. 5 0.00 mi. Waiale St. | Kaohu St. 0.13 mi. End Divided Hwy | Begin Div. Hwy 0.18 mi. | End Divided Hwy 0.33 mi. Kahookele St. | Begin Divided Hwy 0.42 mi. Kolo Pl. | Keanu St. 0.53 mi. | Sta. 5C 0.73 mi. Culvert | Kehalani Parkway 0.77 mi. | Culvert 1.09 mi. | Kuikahi St. 1.03 mi. | Culvert 1.23 mi. | End Divided Hwy 1.26 mi. | Waiale Rd. 1.25 mi.

HIGH ST. | Aupuni St. 0.10 mi. | Malako St. 0.27 mi. | 272+85 | Kehalani Parkway 0.82 mi. | Kehalani Development 0.99 mi. | 1 MP

HONOAPIILANI

Cane Haul Rd. 1.77 mi. | Begin Divided Hwy 1.88 mi. | Piikana Pl. 1.98 mi. | 2 MP | Sta. 5A 2.18 mi. Waiolu Pl. | Sta. C10C 2.22 mi. Waiko Rd. | End Div. Hwy 2.28 mi. | Waikapu Br. 2.30 mi. Wilikona Pl. | Begin Divided Hwy 2.46 mi. | Olopi Pl. 2.52 mi. Lehuapoepoe Pl. | Maui Tropical Plantation Rd. 2.54 mi. | Begin Divided Hwy 2.62 mi. | End Divided Hwy 2.75 mi. | 177+60 | 3 MP

HIGHWAY

Cane Haul Rd. 3.00 mi. | Rd. to Quarry 3.42 mi. | Cane Haul Rd. 3.46 mi. | Rd. to Golf Cource 3.77 mi. | ECB Seed Monitoring Station 3.80 mi. | Begin Divided Hwy 3.87 mi. | 112+40 | 4 MP | Culvert 4.00 mi. | End Divided Hwy 4.07 mi. | 4.10 mi. | Gravel Road 4.44 mi. | Begin Divided Hwy 4.67 mi. | Sta. 10B 4.87 mi. E Kuihelani Hwy (Rte 380) | 4.76 mi. | Pohakea Br. 4.88 mi. | 4.96 mi.

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET 2.
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided

- Shoulder: Width and Type: 0 | 0.14 4'–6' AC 0.80 | 0.88 6' AC 0.95 | 1.08 1.19 | 1.25 4' AC/10' Grass 1.82 | 6' AC 2.17 | 2.22 (20' AC) | 6' AC | 10' AC
- Pavement: Width and Type: 12' AC 0.24 | 24' AC 0.33 | 12' AC 0.80 (5' AC Bike Ln.) | 24' AC 1.84 | 12' AC 2.22 | 24' AC 2.30 | 12' AC 2.58 | 24' AC 3.77 | 12' AC 4.07 | 24' AC 4.61 | 36' AC 4.67 | 12' AC 4.88 | 24' AC 4.96
- Shoulder: Width and Type: 0 | 0.27 | 0 0.33 | 4'–6' AC 0.46 | 0 1.23 | 4' AC/2' Grass 1.84 | (6' AC) 0 2.22 | 6' AC 2.54 | 0 2.75 | 6' AC 3.77 | 0 4.07 | 6' AC 4.67 | 0 4.88 | 4' AC 4.96
- Median: Width and Type: 0'–8' Paint 0.10 | (0'–8' Paint) 0.46 | 0'–12' Paint 1.23 | 0'–12' Paint 2.28 | 0'–12' Paint 2.75 | 0'–12' Paint 4.07 | (8' Paint) 4.78 | 8'–18' Grass (32' Grass) (20' Grass)

Divided Highway – Undivided

- Shoulder: Width and Type: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4' AC
- Pavement: Width and Type: (14' AC) | (23' AC) 12' AC 0.46 | 12' AC (5' AC Bike Ln.) 1.13 | 12' AC (5' AC Bike Ln.) 2.22 | 12' AC (5' AC Bike Ln.) 2.58 | 12' AC 3.81 | 12' AC 4.78 | 24' AC 4.96
- Shoulder: Width and Type: 0 | 0.08 | 0 | 6' AC 0.78 | 0.84 | 0.95 | 1.04 4' AC/2' Grass 1.13 | 1.43 | 6' AC 2.19 | 2.22 | 2.30 (5' AC Bike Ln.) | 6' AC 3.91 | 6' AC 4.78 | 8' AC 4.96

Number of Traffic Lanes: 1–12' 1.41 (1–23') | 2–12' | 2–10' 2.22 | 2–12' | 1–12' 4.61 | 2–12' 4.78 | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 9' (L) Turn Lanes 0.05 | 8' Parallel Parking 0.29 | 12' Turn Lanes 0.82 | 1.02 | 1.17 | 1.29 | 12' Turn Lanes 2.06 | 2.11 | 10' Turn Lanes 2.56 | 2.72 | 12' Turn Lanes 3.87 | 3.99 | (Transition Lane 0–12') 4.63 | 4.72 12' Turn Lane | 4.88 12' Turn Lane 4.96

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 0.03 | 4' Conc. 0.07 | 0.13 0.17 | 0.28 | 0.29 0.32 | 4' Conc. Sidewalks 0.95 | 2.18 | 4' Conc. Sidewalk 2.19 | 2.21 | 2.22 | 2.98 | 4.02

Curb and/or Gutter: Type (Right and Left): 0.12 | 4' Conc. S.W. | Conc. Curb | Conc. C. 0.12 | 0.17 | AC Curb 0.25 | 0.32 | 0.48 | 2' Conc. C & G 0.49 | 0.80 | 0.92 | 1.03 1.22 | 1.24 | 1.28 | 2' Conc. Curb & Gutter 2.18 | 2.19 | 2.22 | 2.30 2.37 | 2.84 | 2.98 | 3.76 | 3.82 | 3.87 | 4.02 | 4.07 | 4.15 4.28 | 4.44 | 4.65 | 4.73 | 4.91 4.99

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts except where indicated.

Illumination: Type, Location and Number: 0.31 | 1.14 | 1.25 1.46 | 1.77 1.76 | 1.98 1.96 | 2.19 2.28 | MV 2.69 | 2.72 | 3.57 3.83 | 3.61 4.07 | 4.15 4.60 | 4.57 4.80 | 14 HPS 4.98

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.77 | –1 1.04 | 1.64 | +1 1.81 | 3.64 | +3 | 4.24 4.34 | +3 | 4.61 4.80 | +3

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2) 1.98 | Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat 2.75

Speed: 1–Design, 2–Posted: 20 MPH (2) | 0.48 20 MPH (2) | 35 MPH (2) 0.63 | 35 MPH (2) 1.12 | 45 MPH (2) 1.60 | 1.88 | 45 MPH (2) 2.81 | 45 MPH (2) 3.27 | 45 MPH (2) 55 MPH (45 MPH Minimum) (2) 3.76 | 45 MPH (2) 4.78 | 45 MPH (Minimum 35 MPH) (2) 4.88 | 3 Phase

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0030 00000 0.19 | B74 0030 00029 0.59 | B74 0030 00063 0.99 | B74 0030 00109 1.78 | B74 0030 00198 2.55 | B74 0030 00290 3.99 | (B74 0030 00488)

HPMS Sections – AADT 2007: 13,740 | 11,920 | 11,315 | 14,950 | 14,750 | 14,445 | 29,090

HPMS Sections – AADT 2006: 13,600 | 11,800 | 11,200 | 14,800 | 14,600 | 14,300 | 28,800

HPMS Sections – AADT 2005: 13,436 | 11,657 | 11,047 | 14,690 | 14,446 | 14,122 | 28,478

DOD Sections: 0.29 | 0.63 | 1.09 | 1.98 | 2.90 | 4.88

Census Tracts

Functional Classification: Principal Arterial (14) 1.98 | Principal Arterial (2) 4.88

National Highway System (NHS): Not On NHS (0) | On NHS (1)

Previous Projects: Project No., Date and Limits:
- 0.53 STP–0900(50), GUARDRAIL AND SHOULDER IMPROVEMENTS (NH–030–1(25) R, 1986) 4.96
- 0.54 30C–01–92 M (R) 1993 (RSG–0380(8) Traffic Signals) 4.80 4.94 (30D–01–82M R, 1982)
- HWY–M–02–91M, 1992 (R) 0.54 | 30D–01–82M (Resurface) 1982 | 4.16 30BC–01–70, 1970
- County 2.20 | 2.30 199+50 | FAP–13G 1936

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Aug 2003, D.B.
Revised
Sept. 04 D.B.
Nov. 06 D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

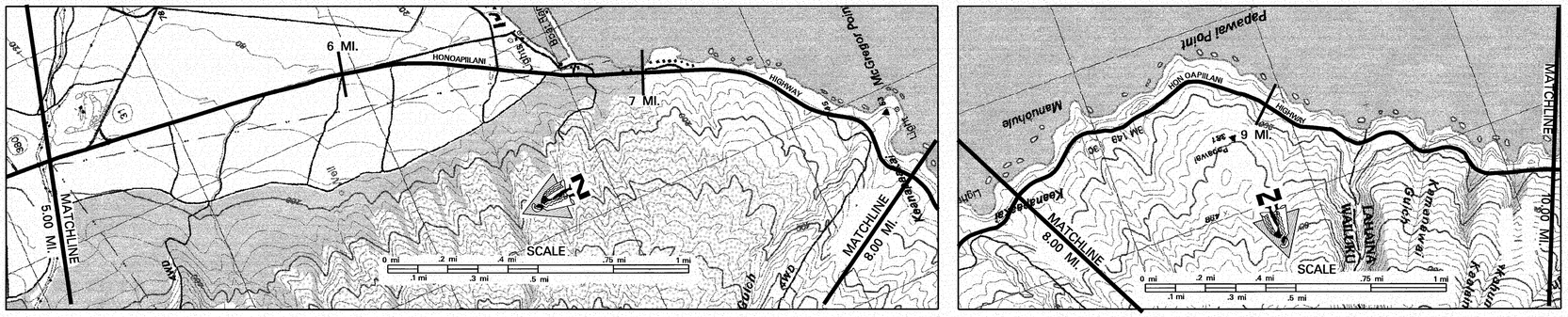
Total Route Length: 41.67 **miles**

a. Survey Length: 41.67 **miles**

b. Proposed Length: 0.00 **miles**

c. Other Length: * 0.00 **miles**

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

30 D (4.88 Mi.) 5.20 — End 30 C – Beg. 30 D on Honoapiilani Hwy 450' South of Projected Centerline Intersection of the North Spur to Kihei Road. — 30 C (15.33 Mi.)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies

85' – 195' (5.31) | 160'–180' (6.13) | 80'–100' (6.29) | 70' – 125' (7.53) | 70' – 160' (8.02) | 120'–490'

Available Right of Way Width (Needs Study)

1000' Clear, Sugar Cane Field 25' From E.P. (5.27) | 1000' Clear, Pineapple Field, 35' from E.P. (6.78) | Residential Area (7.00) | Brush and Trees

Right of Way Fence: Type – Right and Left

Wire on Wood (5.98) | Wire on Wood (6.78) | Wire on Wood (7.34) | Wire on Wood (7.63) | Wire on Wood (7.94) | Wire (8.01) | Rock Fall Protection (9.15–9.98)

Control of Access: 1–None, 2–Partial, 3–Full

None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

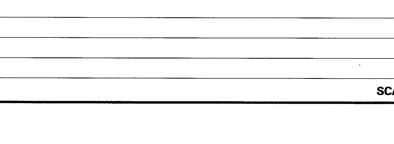
State

Project No., Type of Construction, and Year Constructed

NH–030–1(28), Widening, 2003 (5.31–6.29) | STP–0900(53), 2002 Guardrail & Shldr. Imp. (6.87–7.48) | STP–0900(53), 2002 Guardrail & Shldr. Imp. (9.61)

Project No., Type of Construction, and Year Constructed

BR–NH–030–1(24) Bridge & Widening, 2002 (5.31) | NH–030–1(25) Resurface 1996 (5.50–7.47) | (30C–01–88M (R) 1988) (7.56) | (ROS–030–1(14), Imp. 1979) (7.57) | HWY–M–01–99M (R) 2000



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 1. 5.00 mi.

Sta. 10 5.22 mi. North Kihei Rd. (Rte 310) — Indicates Grass & / or Physical Barrier on Median. — Rd. to Maalaea Village — Kapoli St. — Maui Ocean Center End Divided Hwy — Maalaea Rd. Spur — Sta. 10A 6.82 mi. Road to Maalaea Boat Harbor — Ma'alaea Bay Place — Road — Begin Divided Hwy — Scenic Lookout Entrances — ECB In Out — End Divided Hwy — Rd. to Lookout

HONOAPIILANI 6 MP 5.97 mi. 6 MP — HIGHWAY 7 MP 8 MP 9 MP

5.22 mi. | 5.97 mi. | 6.11 mi. | 6.36 mi. | 6.49 mi. | 6.51 mi. | 6.68 mi. | 6.70 mi. | 6.82 mi. | 6.98 mi. | 7.00 mi. | 8.03 mi. | 8.18 mi. | 8.50 mi. | 8.68 mi. | 8.70 mi. | 8.80 mi. | 9.03 mi. | 9.92 mi.

CONTINUED ON SHEET 3. 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided

- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 10' AC (5.31) | 8' AC (6.29) | 4'–6' AC (See Note) (7.18) | 6'–8' AC (8.40) | 4'–6' AC (9.00) | 6'–8' AC | 8'–10' AC
- Pavement: Width and Type: 24' AC | 12' AC (6.34) | 24' AC | 36' AC (6.67) (6.83) | 24' AC | 14' AC | 24' AC
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 4' AC (6.03) | 0 | (See Note) | 6'–8' AC | 0 | 6'–8' AC (9.52) | 8'–10' AC
- Median: Width and Type: 32' Grass | 22' Grass (5.37) | 0–10' Paint (5.95) (6.49) | 0–14' Painted AC (8.50) (8.80)

Divided Highway — Divided

- Shoulder: Width and Type: 4' AC (6.03) | 0 | 0
- Pavement: Width and Type: 24' AC | 12' AC (6.11) | 14' AC
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 8'–10' AC (6.03) | 6'–8' AC (6.31) | 6'–8' AC | 6'–8' AC (8.80)

Number of Traffic Lanes

4–12' | 2–12' (1–12' (2–12')) (6.11) | 2–12' (6.34) (1–12' 2–12') (6.57) | 2–12' (8.50) | 2–14' (8.68) (8.71) | 2–12' (8.80)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.)

(5.05) (5.07) 12' (5.22) (5.42) | (5.89) (6.11) | (6.25) (6.36) | 11' Turn Lane (8.68) (8.80) | 11' Merge Lane

(Right Side) (All 12' TLs.)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number (All Metal on Metal except where indicated)

Illumination: Type, Location and Number

15 HPS (5.29)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

+3 (6.03)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Flat (6.05) | Mountainous (6.70)

Speed: 1–Design, 2–Posted

45 MPH (2) | 45 MPH (Min. 35 MPH) (2) | 45 MPH (Min. 35 MPH) (2)

Intersection Control Devices: Type, Location and Cycle Timing

45 MPH (Min. 35 MPH) (2) (5.23) | 45 MPH (2) | 3 Phase (6.36) (6.68)

Traffic Stations (Current Year)

B74 0030 00488 (5.22–5.69) | B74 0030 00611

HPMS Sections – AADT 2007

29,090 | 25,555

HPMS Sections – AADT 2006

28,800 | 25,300

HPMS Sections – AADT 2005

28,478 (6.11) | 25,017

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (2)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

NH–030–1(25) Resurface 1996 (7.47)

(30C–01–92M (R) 1993) 5.03 → HWY–M–01–99M (R) 2000 (7.57)

(30D–01–82M (R) 1982) 5.03 → 30C–01–86M (R) 1986 (5.21) | 30CD–01–84(Shldr. Imprv.) 1985 (6.68) | 30BC–01–70 1970 (6.07) | FAP – 13G 1936 | NRH – 13C 1934 | 30C–01–88M (R) 1988 (6.96) | ROS–030–1(14) Safety Imprv. 1979 (7.56) | 30BC–01–71, (R) 1971 (6.40) | Resurf 1950 (7.27) | NRH – 13D 1935 (7.55) | 30C–01–90M (R) 1990 (7.58) | HES–STP–030–1(20) 1994 (8.10) | 30C–01–75M Resurf 1975 (8.14) | LT–M–01–78 (R) 1979 (8.50) | ROS–030–1(12) 1977 (8.32) | 30C–01–90M (R) 1990 (8.36) | F–30(5) 1953 (8.88) | 111 + 00 | 376 + 81.31

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Nov. 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

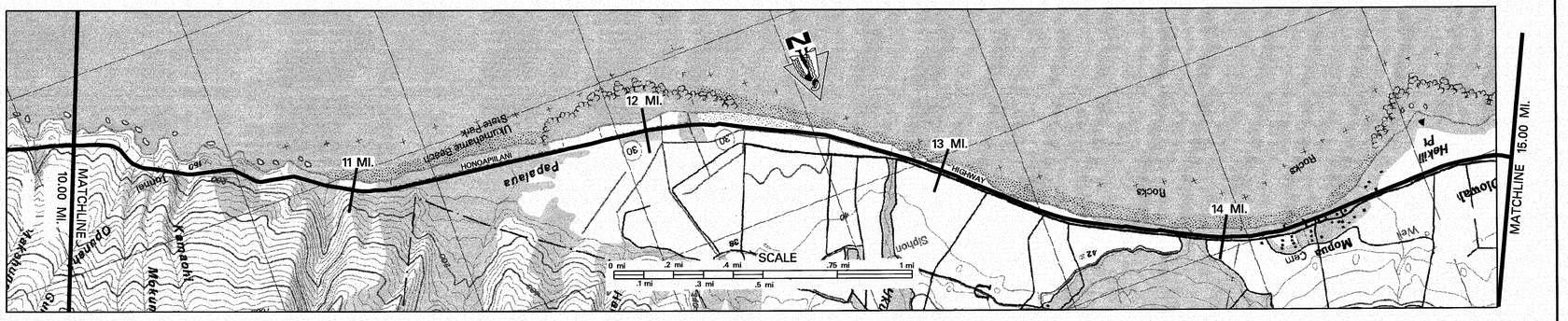
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description

30 C (15.33 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Tunnel 1950 (10.34) | RC, Flat Slab H20, 1950 (12.82)

Vertical Clearance

35'

Horizontal Clearance

44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

(120'–490') (10.09) | 80'–345' (12.40)

Available Right of Way Width (Needs Study)

Brush & Trees | (R) Clear – 40' Canefield (L) Beach (13.95) | Trees & Bushes | Canefield 1000' Clear – 40' from E.P. (14.81)

Right of Way Fence: Type – Right and Left

Rock Fall Protection (10.09 10.20 10.27 10.33 10.46 .52 10.81 10.95 11.07) | Wire (11.72 11.79)

Control of Access: 1–None, 2–Partial, 3–Full

None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

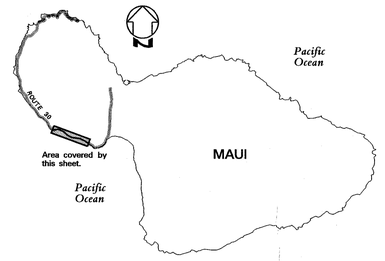
State

Project No., Type of Construction, and Year Constructed

STP-0900(53) 2002 Guardrail & Shldr. Imp. (10.42 10.45) | (30C–01–06M, Resurf., 2008) (14.82) 32+00

Project No., Type of Construction, and Year Constructed

(STP-0900(52) Bikeway Imp., 2002) (10.34) | HWY–M–01–99M (R), 2000 (11.68) | STP–0900(53), Guardrail & Shoulder Improvements, 2002



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 2.

10.00 mi. | Begin Tunnel (10.33) | End Tunnel (10.39) | Sta. 11B 11.46 mi. | Ukumehame Firing Range (11.71) | Culvert (11.84) | Ent. to Parking Lot Ukumehame Park (11.98) | Ukumehame Br. (12.82) | Paved Road (13.97) | Paved Road (14.02) | Paved Road (14.29) | Paved Road (14.39) | Paved Road (14.46) | Paved Road (14.53) | Begin Divided Hwy (14.80) | 15.00 mi.

ECB | 10 MP | 11 MP | ECB | 12 MP | ECB (R) | 13 MP | ECB | 14 MP | 15 MP

HONOAPIILANI HIGHWAY

CONTINUED ON SHEET 4.

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway – Undivided

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)

8'–10' AC (10.39) | (5" PCC) (10.39) | 8'–10' AC (10.54) | 18'–20' AC (11.19) | 8' AC (11.37) | 10' AC (11.71) | 4' AC (11.89) | 6' AC | 4' AC/ 6' Grs (14.82)

Pavement: Width and Type

24' AC | 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)

6'–8' AC (10.39) | (10.39) | 8'–10' AC (11.50) | 6' AC | 0

Median: Width and Type

0'–10' Painted (14.80)

Shoulder: Width and Type

0

Pavement: Width and Type

12' AC

Shoulder: Width and Type (Combination Shldr./BikeRoute from 6.83mi. to 20.23mi.)

6' AC

Number of Traffic Lanes

2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

(14.92) (15.04)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts except where otherwise indicated. B = Conc. Barrier

10.18 10.23 10.30 10.33 10.36 10.42 | 10.63 10.72 10.77 | 10.84 11.04 11.09 11.27 | 11.65 11.80 11.90 12.00 12.12 | 12.49 12.57 12.63 12.77 12.82 12.86 | 13.14 13.27 13.30 | 13.70 13.73 13.78 13.86 | 14.13 14.23 14.30 14.37 14.42 14.47 | 14.94

B | B | B

10.07 | 10.23 10.25 | 10.31 10.33 10.27 | 10.29 10.35 | 10.37 | 10.86 10.90 | 11.02 11.11 | 11.28 11.27 | 12.53 12.86 | 14.54

Concrete Guardrail – Type 4K

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

13.16 | +1 (13.39) | 13.61 | –1 | 13.93 | 14.36 | +1 | 14.81

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Mountainous (10.93) | Flat

Speed: 1–Design, 2–Posted

45 MPH (Minimum 35 MPH) (2) | 55 MPH (Minimum 45 MPH) (2) (12.87) (12.88) | 45 MPH (Minimum 35 MPH) (2) (14.85) (14.90) (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

10.02 B74 0030 00611 | 11.98 B74 0030 01089 | B74 0030 01382

HPMS Sections – AADT 2007

25,555 | 25,655 | 26,260

HPMS Sections – AADT 2006

25,300 | 25,400 | 26,000

HPMS Sections – AADT 2005

25,017 | 25,112 | 25,769

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (2)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

(NH-030-1(25), (R) 1996) (10.31 10.43) | (HES-STP-030-1(19)) (14.85)

HWY-M-01-99M (R), 2000 (11.68) | 30C-01-90M, (R), 1990 | 30C-01-90M, (R) 1990 (13.81) | 30AC-01-87M (R) 1988 (14.61) | .69 STP-030-1(21) (R) 1994 (14.62)

LT-M-01-78 (R) 1979 (10.40) | (10.46) ROS-030-1(14) 1979 Safety Imprv. (11.25) | (30C-01-78, GR/Shldr., 1981)

ROS-030-1(12) 1977 (10.48) | 30C-01-78 (Guardrail & Shldr.) 1981 (11.27) | 30AC-01-87M (R) 1988 (13.78) | 30C-01-78 G.R. & Shldr., 1981 (14.61)

30C-01-75M (R) 1975 (12.81) | F-30(3) 1961 (13.82) | 30C-02-72 (R) 1972

(F-30(5) 1963) (10.06) 275+00 | F-30(3) 1950

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Aug 2003, D.B.
Revised
Aug 04 D.B.
Nov. 06 D.B.
Mar. 09 D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
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FEDERAL HIGHWAY ADMINISTRATION

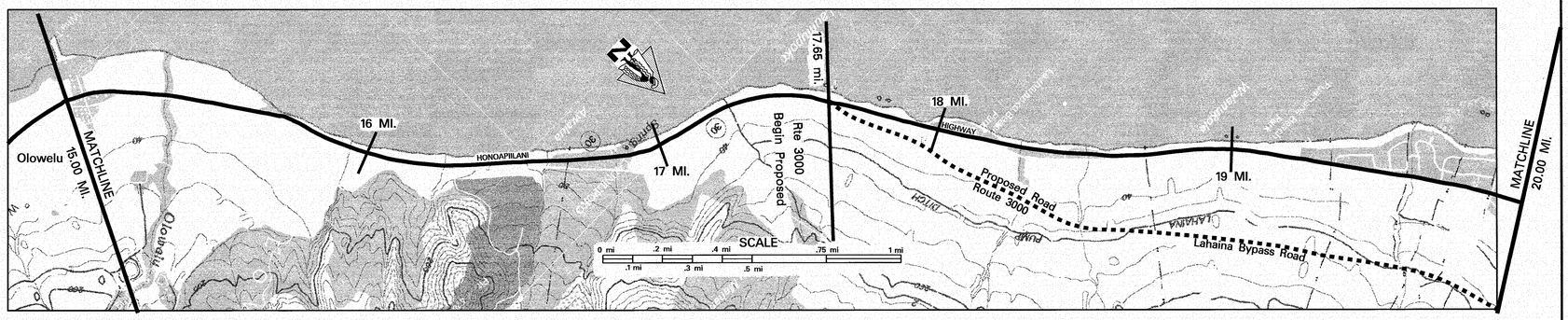
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

30 C (15.33 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

RC, Flat Slab H15, 1938 | RC Flat Slab, 1938, H15 | RC Flat Slab, 1938, H15 | Conc. Slab, 1971, HS 20

Vertical Clearance

62' (15.31) | 26' (16.62) | 42' (17.28) | 27' (19.99)

Horizontal Clearance

24' | 24' | 24' | 44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

80'–345' (15.24) | 70'–80' (17.84) | 76'–280' (18.00)

Available Right of Way Width (Needs Study)

Canefield 1000' Clear – 40' from E.P. | Trees & Heavy Bushes (16.10) | (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area

Right of Way Fence: Type – Right and Left

Wood Fence 30' from E.P. (19.06 – 19.08)

Control of Access: 1–None, 2–Partial, 3–Full

None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

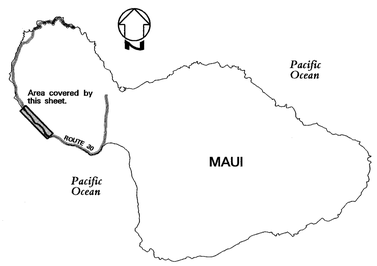
Project No., Type of Construction, and Year Constructed

155+50 (18.35) | (STP-0900(53) G.R./Shldr., 2002) (18.62 – 19.06)

30C-01-06-M, Resurf., 2008

Project No., Type of Construction, and Year Constructed

STP-0900(53), Guardrail & Shoulder Improvements, 2002 | 30ABC-01-97M, R, 1998 (19.14 – 19.34)



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 3. (15.00 mi.)

Paved Rd. (15.00 mi.) | End Divided Hwy (15.04 mi.) | Sta. C11A 15.30 mi. | Olowalu Br. "A" (15.22 mi.) | 531+50 | Begin Divided Hwy (15.32 mi.) | End Divided Road (15.39 mi.) | Begin Divided Hwy (15.48 mi.) | End Divided Hwy (15.55 mi.) | 16 MP | Begin Divided Hwy (16.00 mi.) | Rd. to Refuse Disposal Site (16.20 mi.) | ECB | End Divided Hwy (16.30 mi.) | **HONOAPIILANI** | Olowalu Br. "B" (16.48 mi.) | Culvert (16.83 mi.) | 17 MP | Culvert (16.84 mi.) | Sta. 11A 17.25 mi. | Launiupoko Br. (17.01 mi.) | Culvert (17.27 mi.) | Culvert (17.39 mi.) | Culvert (17.48 mi.) | Culvert Beg. Proposed Rd. (17.59 mi.) | Culvert (17.65 mi.) | Culvert (17.70 mi.) | Culvert (17.79 mi.) | Begin Divided Hwy (17.93 mi.) | Launiupoko Park (L) | 18 MP | Kai Hele Ku St. (R) (18.06 mi.) | End Divided Hwy (18.00 mi.) | Culvert (18.18 mi.) | **HIGHWAY** | Culvert (18.28 mi.) | Culvert (18.50 mi.) | Culvert (18.75 mi.) | 19 MP | Culvert (18.99 mi.) | Entrance to Launiupoko Beach Park (19.12 mi.) | 164+40 | Culvert (19.18 mi.) | Hokioko Pl. (19.45 mi.) | Kaauula Strm. Br. (19.58 mi.) | Begin Divided Hwy (19.59 mi.) | Sta. 25E 19.88 mi. | Front St. (19.69 mi.) | Ahole Rd. (19.86 mi.) | 20 MP | End Divided Hwy (20.00 mi.) (19.97 mi.)

CONTINUED ON SHEET 5. (20.00 mi.)

Divided Highway

Undivided

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83mi. to 20.23mi.)

4' AC/10' Grass (15.18) | 6' AC | 8' AC | 6' AC (15.85) | 10' AC | 8' AC (17.87) | 6' AC (18.42) | 8' AC (19.17) | 4'–6' AC (19.45) | 8' AC

Pavement: Width and Type

12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83mi. to 20.23mi.)

0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 4' AC/10' Dirt (19.78) | 6' AC | 5' AC/10' Dirt (19.22) | 6'–8' AC | 0

Median: Width and Type

0–10' Painted AC (15.22 – 15.39) | 0'–3' Painted AC (15.53 – 16.20) | 0–11' Painted AC (16.48 – 17.93) | 10' Paint (18.18 – 19.88) | 10' Paint (20.00)

Median Barriers:

Shoulder: Width and Type

0 | 0 | 0 | 0 | 0

Pavement: Width and Type

12' AC | 12' AC | 12' AC | 12' AC | 12' AC

Shoulder: Width and Type

6'–8' AC | 10'–12' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC

Number of Traffic Lanes

2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

10' T.L.s (15.04 – 15.15) | 10' T.L.s (15.49 – 15.63) | 11' T.L. (16.27 – 16.37) | 10' T.L.s (18.07 – 18.13) | 10' T.L.s (19.23 – 19.88)

(Right Side)

14.92

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise indicated. B = Conc. Barrier

15.34 | 15.66 | 15.80 | 15.92 | 15.04 | 15.11 | 15.78 | 15.87 | 15.91 | 16.22 | 16.34 | 16.41 | 16.65 | 16.83 | 16.93 | 16.26 | 16.30 | 16.51 | 16.61 | 16.78 | 16.80 | 16.88 | B | 17.00 | 17.18 | 17.91 | 17.25 | 17.40 | 17.69 | 18.20 | 18.35 | 18.43 | 18.50 | 18.40 | 18.51 | 18.91 | 19.02 | 19.10 | 19.50 | 19.55 | 19.82

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

15.47 +1 15.74 | 16.69 +2 16.97 | 17.10 –1 17.23 | 17.71 +2 18.01 | 19.21 –1 19.68

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Rural (1) | Small Urban (2) (17.65)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Flat

Speed: 1–Design, 2–Posted

35 MPH (2) (15.19) | 45 MPH (2) 45 MPH (Minimum35) (2) (15.39 – 16.39) | 45 MPH (Min. 35 MPH) (2) 45 MPH (2) | 35 MPH (2) (18.01 – 18.19) | 35 MPH (2) 45 MPH (2) | 35 MPH (2) (19.48)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B74 0030 01382 | B74 0030 01765 | 19.40 | B74 0030 01968 (19.97)

HPMS Sections – AADT 2007

26,260 | 24,745

HPMS Sections – AADT 2006

26,000 | 24,500

HPMS Sections – AADT 2005

25,769 | 24,301

DOD Sections

Census Tracts

Functional Classification

Principal Arterial (2) | Principal Arterial (2) (19.68) | Minor Arterial (16)

National Highway System (NHS)

On NHS (1) | (NHS diverted to bypass @ 19.68 mi. (Proposed Lahaina Bypass is all NHS))

Previous Projects: Project No., Date and Limits

(HES–STP–030–1(19)) 15.24 | STP–030–1(21), R, 1994 | STP–030–(21) (R) 1994 | 19.34 | 19.60 | 30–BC–01–87M (R) 1987

15.33 | 30C–02–90 (GR & Shldr), 1991 | 17.91 | 30BC–02–86 Improvements, 1987

15.18 (30C–01–78 GR &Shldr, 1981) | 30C–01–82M (R) 1982 | 16.20 | 30C–01–85M (R) 1985 | 19.49 | F–30(1) 1957

30C–02–72 Resurface 1972 | 16.83 | F–30(1) 1957

F–30(3) 1950 | 15.27 (0 + 00 – 136 + 50) | F–30(4) 1951 | 17.94 (0 + 00 – 235 + 90.71) | F–30–1(1) 1956

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Date Released
Aug 2003, D.B.

Revised	
Aug 04	*D.B.*
Mar. 05	*D.B.*
Nov. 06	*D.B.*
Mar. 09	*D.B.*

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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PREPARED BY THE
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Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

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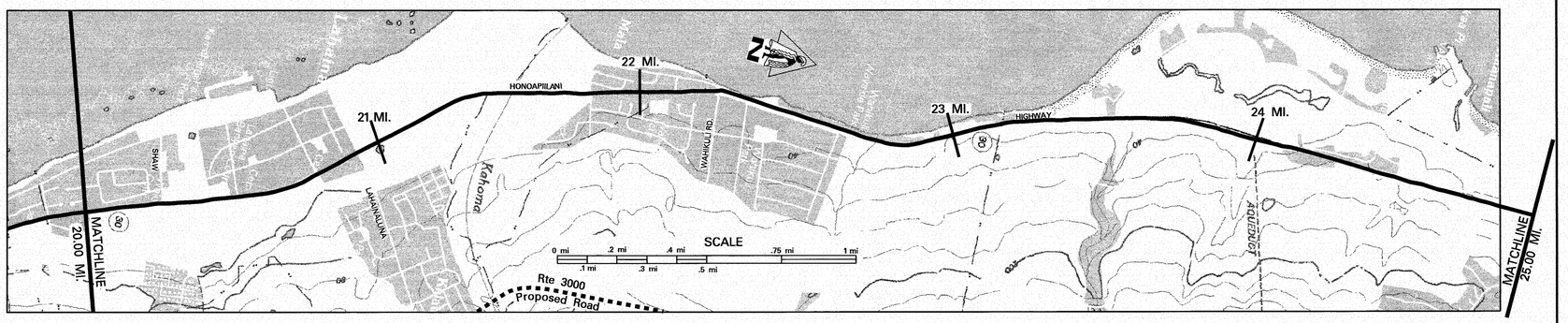


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 C (15.33 MI.) | End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St. (20.03) | 30 B (1.75 MI.) | End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. (22.28) | 30 A (13.59 MI.)

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC Twin Box Culvert, 1957 H 20 | Tee Beam 1969 | Pre Stressed Concrete Girder HS–20–44, 1969,1999
- Vertical Clearance: 44' (21.48) | 45'–4" (24.41)
- Horizontal Clearance: 44' | 16.8' (23.59) | 16.5'
- **Structure Over Road** Vertical Clearance: 47' | 74'
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 76'–280' (22.40) | 80'–190' (22.70)

Available Right of Way Width (Needs Study): (R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area | Residential (20.82–21.30) | Clear Canefield (21.40–21.80) | Residential (21.90–22.70) | Brush & Trees (22.92) | Residential/Recreation

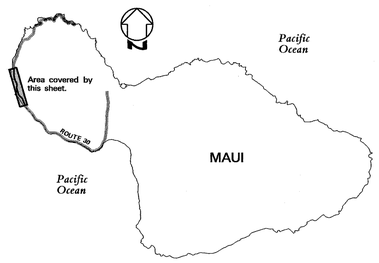
Right of Way Fence: Type – Right and Left: Various 20.24 Chain Link (20.49) | Various (20.80–20.81, 21.04) | Chain Link (21.20) | Various (21.89–22.00) | Rock Fall Protection (24.21–24.55)

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: 109+80 (20.55) | HWY–M–07–07M, Marking and Striping, 2008 | 182+50 (23.94)

Project No., Type of Construction, and Year Constructed: 30ABC–01–97M, R, 1998 | (STP–030–1(29), Inter. Impr. @ Dickenson St., 1999) (20.78) | 30ABC–01–97M, R, 1998 | STP–030–1(31) (Resurf & Widen) 1999



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 4.

20.00 mi. | End Divided Hwy | Begin Divided Hwy | Shaw St. | Driveway & End Divided Highway Prison St. | Begin Divided Hwy | Sta. 25G 20.78 mi. Dickenson St. | Sta. 25C 20.93 mi. Lahainaluna Rd. | Sta. 25D 21.06 mi. Papalaua St. | End Divided Hwy | Beg Div. Hwy | Sta. 25J 21.31 mi. Mahinui St. | Kenui St. | Sta. C25D 21.49 mi. Kahoma Br. | Keawe St. | Sta. 25H 21.75 mi. Kenunakea St. | End Divided Hwy | Begin Divided Hwy | Sta. 25F 22.26 mi. Wahikuli Rd. Front St. | Fleming Rd. | End Divided Hwy | Begin Divided Hwy Kahului Rd. | Leiali'i Parkway (Formerly Center Rd.) | End Divided Hwy | Sta. 26 22.98 mi. Entrance to Park Exit | Entrance to Wahikuli State Park | Civic Ctr. Rd. | Begin Divided Hwy | Henaken'o Beach Park | End Divided Hwy | Golf Course Overpass & Telemetry Sts. 400 Culvert | Begin Divided Hwy | Sta. 12A 23.80 mi. Honoapiilani Parkway | Halelo St. | Parking Area Kealia Bridge L.O.P. | Kekea Drive | 25.00 mi.

HONOAPIILANI HIGHWAY

Indicates Grass & / or Physical Barrier on Median.

CONTINUED ON SHEET 6.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

- **Undivided**
  - Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.): (See Note) 8' AC (20.23) | (See Note)
  - Pavement: Width and Type: 24' AC | 12' AC (20.55) | 22' AC (20.72–20.80) | 22' AC | 44' AC (21.38) | 22' AC (21.78) | 21' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC
  - Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.): 8'–10' AC | 0 | 8'–10' AC | (11' AC) 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | (0'–10' Painted Median) 0
- **Divided Highway**
  - Median: Width and Type: 10' Paint | 0–10' Paint | 0–12' Paint | 0–11' Paint | 0–11' Paint | 0–11' Paint | 4'–15' Painted AC
  - Median Barriers: (20.11) | (20.55–20.71) | (21.18–21.24) | (21.86–22.07) | (22.44–22.61) | (22.84–23.24) | (23.47–23.71) | (23.72–24.04) (10'–38' Grass (Raised)) (10'–38' Grass (Flush)) (10'–38' Grass (Raised))
  - Shoulder: Width and Type: 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0
  - Pavement: Width and Type: 12' AC | 11' AC | (See Note) 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC
  - Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.): (See Note) 8'–10' AC (20.23) | 8'–10' AC (20.80–20.87) | 6'–8' AC (20.95) | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC | 6'–8' AC

Number of Traffic Lanes: 2–12' | 1–11' 1–11' (20.65–20.87) | 4–11' | 1–10', 1–11' 2–11' (21.38–21.78) | 4–11' | 4–11' | 4–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' (L) T.L. (22.24–22.28) | 11' T.L. (22.32–22.70) | 1–11' (L) T.L. (23.38) | 1–11' Accel. Ln. (23.43–23.45) | 11' (R) T.L. (23.86–24.02) | 11' T.L.s (24.46–24.60)

(Right Side): 2 (L) T.L.s @ 11' ea (23.69–23.86)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 4'–6' AC Bikeway (L) & (R)

Curb and/or Gutter: Type (Right and Left): 4' Concrete Gutter (24.12–24.28) | 4' Concrete Gutter (24.35–24.65)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. B = Conc. Barrier): B (20.79–21.09) | B (21.38–21.87) | B (21.98–22.09) | B (22.49–22.79) | B (23.05–23.44) | B (23.46–23.76) | B (23.85–24.10)

Illumination: Type, Location and Number: 2 250W HPS (20.78–20.89) | (Conc. Retaining Wall) (22.44–22.77) | 28 250W HPS @ Intersections from 23.90mi. to 26.11mi.

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: (20.10) +1 (20.51) | (21.65) +2 (21.98) | (22.35) –1 (22.78) | (22.97) –1 (23.12) | (24.07) +2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat

Speed: 1–Design, 2–Posted: 35 MPH (2) (20.44–20.48) | 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 4 Phase (20.93) | 3 Phase (20.25) | 3 Phase (20.74) | 3 Phase (21.03) | 3 Phase (21.31) | 3 Phase (21.58) | 3 Phase (21.75) | 3 Phase (22.18) | 3 Phase (22.78) | 3 Phase (23.80) | Traffic Lights

Traffic Stations (Current Year): B74 0030 01968 | B74 0030 02050 | (B74 0030 02098) | B74 0030 02106 | B74 0030 02218 | B74 0030 02359 | B74 0030 02389

HPMS Sections – AADT 2007: 24,745 | 26,260 | (35,900) | 34,745 | 40,905 | 41,915 | 34,545

HPMS Sections – AADT 2006: 24,500 | 26,000 | (35,514) | 34,400 | 40,500 | 41,500 | 34,200

HPMS Sections – AADT 2005: 24,301 | 25,757 | 34,105 | 40,130 | 41,043 | 33,903

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (16)

National Highway System (NHS): NHS diverted to bypass @ 19.68 mi. (Proposed Lahaina Bypass is all NHS)

Previous Projects: Project No., Date and Limits: 30AB–02–97 Widen, 1989 | 30AB–01–86M 1986 | 30AB–02–85 1985 | 30AB–01–97M (R) 1997 | 30BC–01–87M (R) 1987 | 30AB–02–85 Shldr. & Guardrails 1985 | 30AB–01–82 Shldr. & Guardrails 1982 | 30AB–02–85 Shldr./Guardrails 1985 | 30BC–02–86 Improvements, 1987 | 30AB–01–78M (R) 1978 | 30AB–01–79M 1979 | 30AB–01–78M (R) 1978 | 30AC–01–87M & 30A–01–87,1987 | F–30(1) 1957 | F–30–1(1) 1956 | S–0300(1) 1968

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

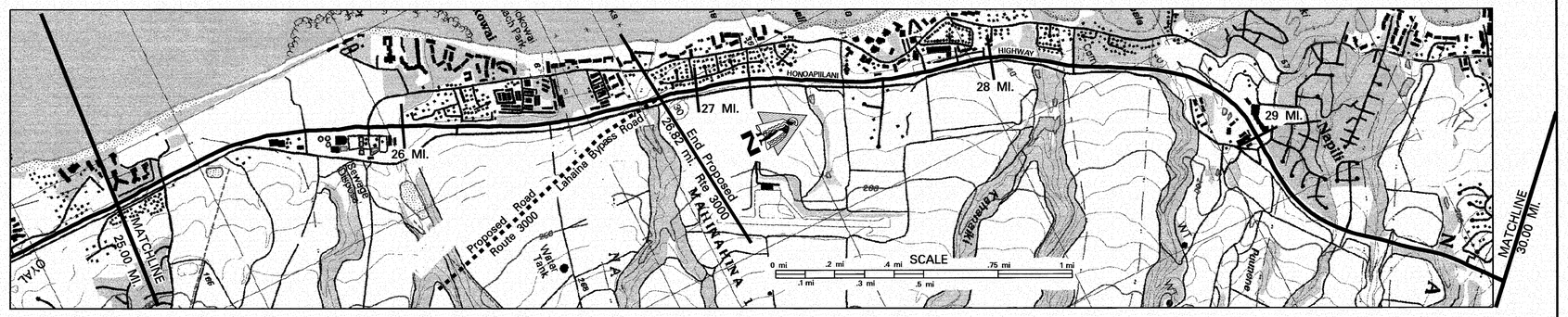
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 A (13.59 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Tee Beam HS 20–44 1926,1967,1999 | Prestressed I–Beam HS–20–44 1981

Vertical Clearance: 50' | 74'

Horizontal Clearance: 68' | 47'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80'–190' | 150' | 75' | 45'–190' | 90' | 140'–210' | 230'–320' | 300'–400'

Available Right of Way Width (Needs Study)

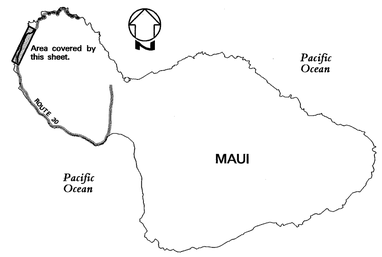
Right of Way Fence: Type – Right and Left: Resedential/Recreation — Clear – Canefield 15' from E.P. | Chain Link | Residential | Chain Link

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: HWY–M–07–07M, Marking and Striping, 2008 | 30A–01–07, Resurf., 2008

Project No., Type of Construction, and Year Constructed: STP–030–1(31) Resurf & Widen 1999 | STP–030–1(23), R, 1996 | 30A–01–97M, R, 1998



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 5. 25.00 mi.

Kai Ala Dr. 25.16 mi. | Puukolii Rd. | Halewai Dr. 25.63 mi. | Lower Honoapiilani Rd. 25.89 mi. | Paved Rd. | Honokowai Br. 185+80, Sta. C12D 25.99 mi., 26 MP, 26 MP | End Divided Hwy 26.03 mi. | Cane Haul Rd. 26.12 mi. | Road 26.18 mi. | ECB (L) 26.50 mi. | 26.61 mi. | End Proposed Rd. (Rte 3000) (Lahaina Bypass) 26.82 mi. | Begin Divided Hwy 26.98 mi. | 27 MP | Alahele St. 27.02 mi. | ECB 84+50 | End Divided Hwy 27.15 mi. | Alahele St. (Rd. to Airport) 27.18 mi. | 27.31 mi. | Begin Divided Hwy 27.51 mi. | Ala Hoku Pl. 27.63 mi. | Hoohui St. 115+80 | 27.78 mi. | End Divided Hwy Ent. to Kahana Gateway 27.89 mi. | 27.97 mi. | Kahana Nui Rd. 27.98 mi. | 28 MP | Sta. C12E 28.06 mi. | Kahana Kai Br. 130+90 | 28.17 mi. | ECB (R) 142+70 | Cane Haul Rd. (Hui Rd.) 28.29 mi. | SHRP Station C12E 28.31 mi. | 28.37 mi. | Road 28.75 mi. | Begin Divided Hwy 28.82 mi. | Sta. C12E 29.00 mi. | Nepilihau St. 181+90 | 29 MP | 28.98 mi. | End Divided Hwy 29.03 mi. | Begin Divided Hwy 29.19 mi. | Street & Tractor– Xing 29.28 mi. | 29.44 mi. | End Divided Hwy 29.54 mi. | Street & Tractor– Xing 29.59 mi. | Begin Divided Hwy & Rd. 29.86 mi. | 30 MP | 29.94 mi.

CONTINUED ON SHEET 7. 30.00 mi.

HONOAPIILANI | HIGHWAY

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 4'–6' AC | 8'–10' AC | 10'–12' AC | 4'–6' Bike Route | (8' AC)

Pavement: Width and Type: 22' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 36' AC | 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 0 | 8'–10' AC | 10' AC | 0 | 10' AC | 0 | 10' AC | 4'–6' Bike Route | 0 | 10' AC | 0 | 10' AC | 0

Divided Highway

Median: Width and Type: 0–15' Painted AC | 10' Painted AC | 12' Painted AC | 10' Painted AC | 12' Painted AC | (12' Painted AC)

Median Barriers:

Shoulder: Width and Type: 0 | 0 | 0 | 0 | 0 | 0

Pavement: Width and Type: 22' AC | 12' AC | 12' AC | 12' AC | 12' AC | 24' AC | 24' AC

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 6'–8' AC | 10' AC | 10' AC | 4'–6' Bike Route 10' AC | 10' AC | 10' AC

Number of Traffic Lanes: 4–11' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' T.L. | 12' T.L. | All 12' T.Ls | 12' T.L. | 1–12' | 1–12', 1–12' Truck Ln. | 1–12', 2@12' | 12' Climbing Lanes

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left): Frontage Road (R) 2–12' with Bike Route (not Lane) (L) & (R)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): 4' Conc. G. | 4' Conc. Gutter | 4'–6' Conc. Gutter | 4' C. G.

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. B = Conc. Barrier

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: +2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat | Rolling

Speed: 1–Design, 2–Posted: 40 MPH (2) | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase | 3 Phase | 3 Phase | 4 Phase | 3 Phase

Traffic Stations (Current Year): B74 0030 02389 | B74 0030 02516 | B74 0030 02588 | (B74 0030 02762) | B74 0030 02777 | B74 0030 02901 | B74 0030 02942

HPMS Sections – AADT 2007: 34,545 | 31,715 | 20,200 | 19,595 | 14,950 | 8,485 | 8,485

HPMS Sections – AADT 2006: 34,200 | 31,400 | 20,000 | 19,400 | 14,800 | 8,400 | 8,400

HPMS Sections – AADT 2005: 33,903 | 31,093 | 19,805 | 19,242 | 14,670 | 8,280 | 8,280

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (16) | Collector (17)

National Highway System (NHS): NHS diverted to bypass (Proposed Lahaina Bypass is all NHS). | Not On NHS (0)

Previous Projects: Project No., Date and Limits

30A–01–96M (R) 1997 | STP–030–1(23) Resurf 1996

30AC–01–87M & 30A–01–87, 1987

30AB–01–79M Resurf 1978

S–0300(1) 1958 | RF–030–1(7) New Construction, 1977 | F–030–1(13) New Construction, 1981 | F–030–1(8) New Construction 1984

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	*D.B.*
Mar. 05	*D.B.*
Nov. 06	*D.B.*
Mar. 09	*D.B.*

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

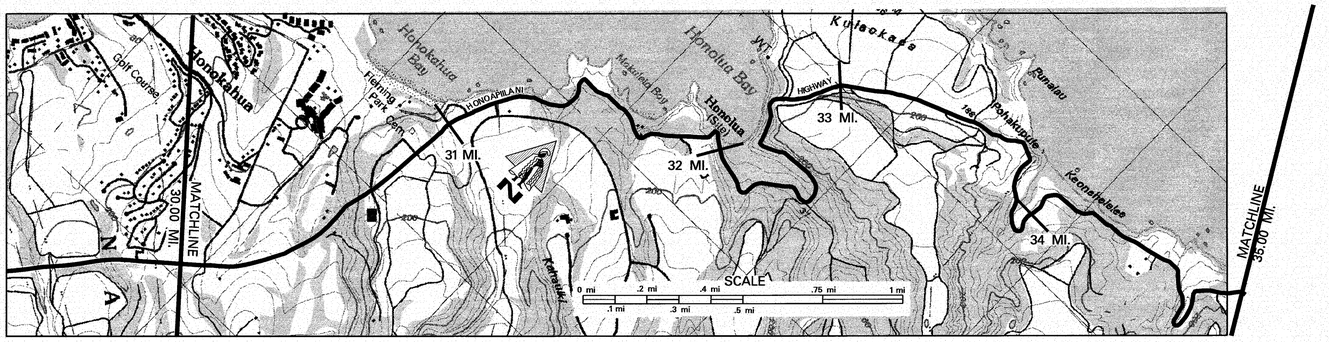
Total Route Length: 41.67 miles

a. **Survey Length:** 41.67 miles

b. **Proposed Length:** 0.00 miles

c. **Other Length:** * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 A (13.59 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Prestressed I–Beam HS–20–44 1986 | S.S. Conc. Slab H–10 1924

Vertical Clearance

604' | 24'

Horizontal Clearance

52' | 17'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

(300'–400') | 40'

Available Right of Way Width (Needs Study)

Residential | Heavy Brush, Trees & Rocks | 1000' Clear Pineapple Fields 15' form E.P. | Heavy Brush & Rock

Right of Way Fence: Type – Right and Left

Chain Link | Wire on Wood

Control of Access: 1–None, 2–Partial, 3–Full

None

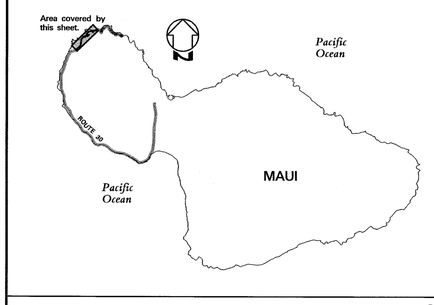
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

Project No., Type of Construction, and Year Constructed

30A–01–97M (Resurf.) 1998 | 30A–01–91M (R) 1992

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 6.

30.00 mi.

Kapalua Village Golf Course | End Divided Hwy | Honokahua Strm. Br. | Bag Divided & Culvert Access Rd "A" | Sta. C12G 31.05 Golf Course Access to Makai Honoapiilani Hwy | End Divided Hwy | Road to Golf Course | Culvert | Lookout (L) | Honolua Pl. | Sta. C12C 31.93 mi. | Honolua Br. | Pineapple Field Rd. | Shooting Range | Culvert | Culvert

HONOAPIILANI | HIGHWAY

31 MP | 32 MP | 33 MP | 34 MP | 35 MP

30.07 mi. | 30.18 mi. | 30.57 mi. | 30.69 mi. | 30.84 mi. | 30.93 mi. | 31.05 mi. | 31.14 mi. | 31.21 mi. | 31.34 mi. | 31.51 mi. | 31.66 mi. | 31.84 mi. | 32.41 mi. | 32.52 mi. | 33.17 mi. | 33.39 mi. | 33.52 mi. | 33.94 mi. | 34.52 mi. | 34.76 mi.

CONTINUED ON SHEET 8.

35.00 mi.

Divided Highway – Undivided

SCALE: (In Miles) 4" = 1 mile

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows)

(24' AC) 8' AC | 8' PCC 8' AC | 10' AC ◁ – (See Note) | 2' AC | 4' AC | 2' AC/4' Grs | 2' AC | 2' AC/4' Grs | 2' AC

Pavement: Width and Type

12' AC 36' AC | 36' PCC 36' AC | 24' AC | 12' AC | 20' AC

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows)

0 10' AC | 8' PCC 8' AC | 0 (8' AC) | 2' AC

Divided Highway

Median: Width and Type

12' Painted AC | 12' Painted AC

Median Barriers:

Shoulder: Width and Type

0 | 0

Pavement: Width and Type

(24' AC) 12' AC | 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows)

10' AC | 8' AC ◁ – (See Note)

Number of Traffic Lanes

(1–12') 1–12', 1–12' Truck Lane | 2–12' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(1–12', 1–12' T.L.) 1–12' 12' Climbing Lanes | 10' T.Ls

(Right Side)

12' T.L. | 12' T.L.

Frontage Road: No. of Lanes, and Width (Right and Left)

12' T.L. | 8' T.L. | 10' T.L.

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

AC Curb | Curb

4' Conc. Gutter

Protective Devices: Type, Location and Number — All Guardrails Metal Rails on Metal Posts except where otherwise noted. B=Conc. Barrier

30.33 | 30.46 47 B 59 | 30.78 30.87 | 31.32 31.38 31.47 31.52 31.66 31.71 31.82 32.03 32.11 32.21 32.30 32.32 32.38 32.76 33.07 33.18 33.55 33.82 33.91 34.02 34.08 34.23 34.44 34.52 34.61 34.63 34.67 34.70 34.81 34.90

B

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (2) | Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Rolling | Mountainous | Flat Rolling | Mountainous

Speed: 1–Design, 2–Posted

45 MPH (2) | 45 MPH (2) 30 MPH (2) 35 MPH (2) 25 MPH (2) | 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

(B74 0030 029-2) B74 0030 03005 | B74 0030 03082

(8,485) 1,720 | 1,820

(8,400) 1,700 | 1,800

(8,280) 1,690 | 1,754

HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

DOD Sections

Census Tracts

Functional Classification

Collector (17) | Major Collector (7)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and Limits

(F–030–1(8) 1984 New Construction) | F–030–1(18) 1986 New Construction | A 300–01–66 (R) 1963

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
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ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY – KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

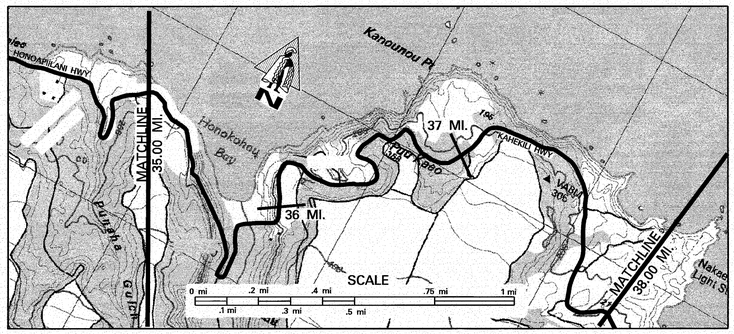
Total Route Length: 41.67 miles

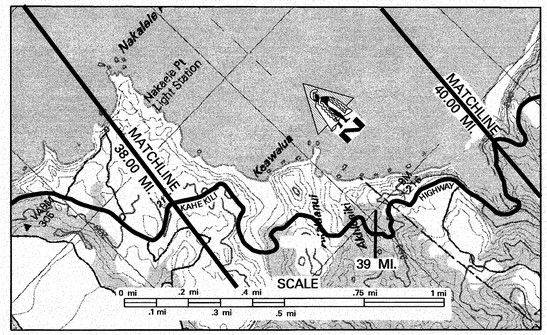
a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

Maintenance Control Sections : Length and Description

30 A (13.59 MI.) — Begin 30 A at the West End of Honokohau Bridge 35.87

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Concrete Girder 1924 (1966) HS–20 — 76′ (35.87 – 36.59)

Timber Stringer 1924 H–10 — 22′ (38.46 – 38.68)

Vertical Clearance

26′ (35.87 – 36.59)

13′ (38.46 – 38.68)

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

40′

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

Chain on Wood 35.58 – 35.88; 36.59 – 36.89

Wire on Wood 37.47 – 38.15

Control of Access: 1–None, 2–Partial, 3–Full

None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

State

Project No., Type of Construction, and Year Constructed

1905+00 (35.89)

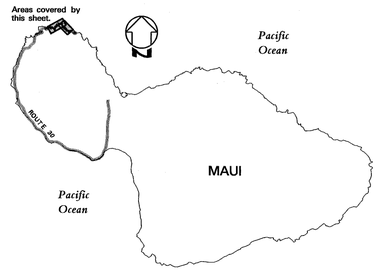
30A–01–07M, Repairs and Maintenance, 2008

Project No., Type of Construction, and Year Constructed

30A–01–91M (R) 1992 (35.87 – 37.25)

340D–01–93M (R) 1994 (37.25 – 38.15)

30A–01–95M (Resurface) 1996



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 7.
35.00 mi.

HONOAPIILANI HWY — KAHEKILI HIGHWAY

36 MP — 37 MP — 38 MP — 39 MP

1904+28

Honokohau Valley Rd. 35.51 mi.
Honokohau Br. 35.68 mi.
Road 35.88 mi.
36.22 mi.
37 MP 36.52 mi.
Cattle Guard 37.28 mi.
Nakalele Point Light Station 37.52 mi.
38 MP 37.56 mi.
Culvert 37.92 mi.
Bridge (Anakaluahine Stream) 38.36 mi.
39 MP 38.47 mi.
Culvert 39.04 mi.
Wailuku – Lahaina District Boundary 39.18 mi.
Cattle Guard & Kahakuloa Management Area Sign 39.25 mi.
Culvert 39.64 mi.

CONTINUED ON SHEET 9.
40.00 mi.

SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

Divided Highway – Undivided

Shoulder: Width and Type

2′ AC (35.87 – 37.43); 8′–10′ Dirt (37.43 – 38.10); 2′ AC (38.10 – 39.03); 2′ AC/6′ Grav. (39.03 – 39.35); 2′ AC (39.35 – 40)

Pavement: Width and Type

20′ AC (35.87 – 36.59); 18′–20′ AC (36.59 – 37.25); 20′ AC (37.25 – 38.10); 20′ AC (38.10 – 40)

Shoulder: Width and Type

2′ AC (35.87 – 37.01); 2′ AC/6′ Dirt (37.01 – 38.10); 2′ AC (38.10 – 40)

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–10′ (35.87 – 36.59); 2–(9′–10′) (36.59 – 37.25); 2–10′ (37.25 – 40)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

AC Curb (35.21 – 35.71); 3′–5′ AC Gutter (36.03 – 36.86); 3′–5′ AC Gutters (38.14 – 38.67); 38.36 – 38.90

Protective Devices: Type, Location and Number — All Guardrails Metal Rails on Metal Posts except where otherwise noted. B = Conc. Barrier

35.57 – 35.78; 35.88 – 36.01; 36.20 – 36.46; 37.03 – 37.32; 37.97 – 38.30; 38.39 – 38.67; 39.02 – 39.86; 39.96

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

35.78 – −7 – 36.50; 36.78 – −10 – 38.36; 38.41 – −9 – 38.77; 38.83 – +8 – 39.86; 39.90 – −8 – 39.96

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous Mountainous

Speed: 1–Design, 2–Posted 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) B74 0030 03082

HPMS Sections – AADT 2007 1,820

HPMS Sections – AADT 2006 1,800

HPMS Sections – AADT 2005 1,754

DOD Sections

Census Tracts

Functional Classification Major Collector (7)

National Highway System (NHS) Not on NHS (0)

Previous Projects: Project No., Date and Limits

35.87 – 340D–01–93M (R) 1994

A 300–01–66 (R) 1968 (35.57 – 35.87); 330C–03–70 1970

39.31 – 39.73 340A–02–72, 1976

County

SCALE: (In Miles) 4" = 1 mile

35 | 36 | 37 | 38 | 39 | 40

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

MAUI RTE 30
KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

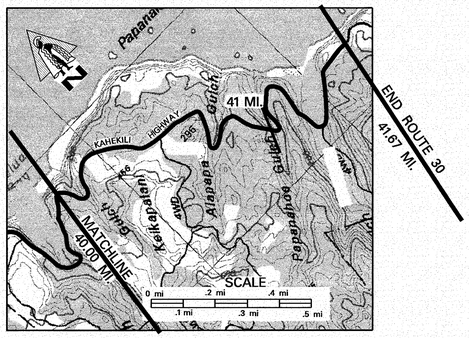
Total Route Length: 41.67 miles

a. Survey Length: 41.67 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Timber Stringer 1927 H–10

Vertical Clearance — 25'

Horizontal Clearance — 41.31

Structure Over Road

Vertical Clearance — 18'

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 40'

Available Right of Way Width (Needs Study)

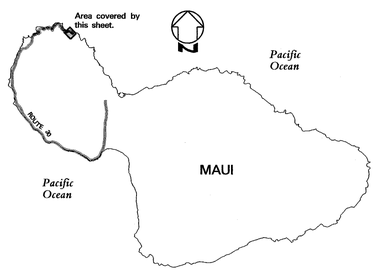
Right of Way Fence: Type – Right and Left

Control of Access: 1–None, 2–Partial, 3–Full — None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State — 2211+50 — 41.67

Project No., Type of Construction, and Year Constructed — 30A–01–07M, Repairs and Maintenance, 2008

Project No., Type of Construction, and Year Constructed — 30A–01–95M (Resurface) 1996



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 8. 40.00 mi.

Culvert — 41 MP — 40.19 mi. / 40.36 mi.

KAHEKILI HIGHWAY

Bridge (Papanahoa Strm.) — 2193+18 — 29 MP — 41.33 mi. / 41.32 mi.

END RTE 30 ON KAHEKILI HIGHWAY
0.35 MI. EAST OF PAPANAHOA STR.
BRIDGE @ END OF STATE HWY SIGNS.
41.67 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type — 2' AC

Pavement: Width and Type — 20' AC

Shoulder: Width and Type — 2' AC

Divided Highway

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — All 3'-5' AC Gutters

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts.

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative — 40.03 / 40.05 / −8 / 40.83 / 40.86 / 40.90 / 40.98 / −8 / 41.03 / 41.10 / 41.18 / 41.20 / 41.13 / 41.11 / −12 / 41.34 / 41.43 / 40.04 / 40.07 / 40.81 / 41.29

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Mountainous

Speed: 1–Design, 2–Posted — 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B47 0030 03082

HPMS Sections – AADT 2007 — 1,820

HPMS Sections – AADT 2006 — 1,800 — 41.67

HPMS Sections – AADT 2005 — 1,754

DOD Sections

Census Tracts

Functional Classification — Major Collector (7)

National Highway System (NHS) — Not on NHS (0)

Previous Projects: Project No., Date and Limits — 340A–02–72, 1976 County

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

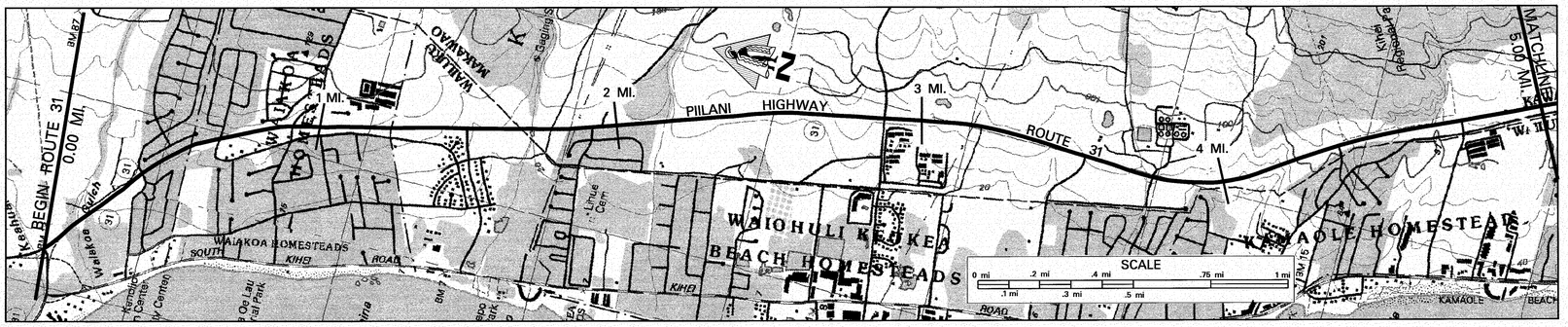
Total Route Length: 12.01 miles

a. Survey Length: 7.15 miles

b. Proposed Length: 4.86 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

PRE-STRESSED CONC. GIRDER
N.B. 162' – 8", 2008
S.B. 150'

PRESTRESSED I-BEAM 1981 — 150'

PRESTRESSED I-BEAM 1981 — 130' — 49'

Vertical Clearance

N.B. 67'–6"
S.B. 48'

48' | 48' | 48'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

270' – 320' | 105' – 225'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

WIRE FENCE | WIRE FENCE | CHAINLINK

Control of Access: 1–None, 2–Partial, 3–Full

NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

Project No., Type of Construction, and Year Constructed

NH-A311(4), WIDEN 2006

STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

Project No., Type of Construction, and Year Constructed

STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

31AB-01-02, WIDENING, 2003

HWY-M-05-04 IMPR. 2006

31AB-01-02, WIDENING, 2003

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 31 ON PIILANI HIGHWAY AT THE CENTERLINE INTERSECTION WITH MOKULELE HWY (RTE 310). (SAME AS END RTE 311)

0.00 mi. Waiakoa–Ulupalakua Br. (New) 0.14 mi. — Kyuwahine St — Moi Place — Ohukai Road — End Divided — Begin Divided — Kaonoulu Street — End Divided — Kulanihakoi Gulch Bridge — Begin Divided — Kulanihakoi Road — Begin Divided — End Divided — E C B — Waipuilani Gulch Bridge — E. Waipuilani Rd. — Begin Divided — Pi'ikea Avenue — Lipoa Pkwy — End Divided — Begin Divided — Keokea Gulch Bridge — Begin Divided — Waiohuli Road — Old Waiakahao Rd — End Divided — Begin Divided — Kanani Rd — End Divided — Begin Divided — Alanui Ke Alii Dr — End Divided — 5.00 mi.

PIILANI HIGHWAY

535+00 | 662+70.64 | 742+00 | 763+20

4 MP | 5 MP | 6 MP | 7 MP | 8 MP

523+65

Waiakoa Gulch Bridge 0.14 mi. — Uwepo Rd 0.39 mi. — 0.47 mi. — 0.66 mi. — 0.81 mi. — 1.06 mi. — 1.35 mi. — 1.48 mi. — 1.43 mi. — 1.67 mi. — 1.65 mi. — 1.78 mi. — 1.87 mi. — 2.09 mi. — 2.08 mi. — 2.03 mi. — 2.25 mi. — 2.47 mi. — 2.40 mi. — 2.60 mi. — Lipoa St. 2.81 mi. — 2.96 mi. — 3.46 mi. — 3.40 mi. — 3.36 mi. — 3.32 mi. — 3.69 mi. — 3.86 mi. — 4.22 mi. — 4.35 mi. — 4.31 mi. — 4.47 mi. — 4.60 mi. — 4.73 mi. — 4.91 mi.

CONTINUE ON SHEET #2.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway

Undivided

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE)

8' AC | 6' – 8' A C

Pavement: Width and Type

24' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC | 22' AC | 44' AC

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE)

4' AC | 0' | 6' – 8' AC | 0' | 6'–8" AC | 0' | 6' – 8' AC | 0' | 6' – 8' AC | 0' | 6'–8" AC | 0' | 6'–8" AC

Median: Width and Type

10'–70' FLUSH GRASS GUARDRAILS | 0'–11' PAINT | 0' – 12' Painted AC | 0' | 0' – 12' Painted AC | 0' | 0' – 12' Painted AC | 0' | 0' – 12' Painted AC | 0' | 0' – 12' Painted AC | 0'

Shoulder: Width and Type

4' AC | 0' | 0' | 0' | 0' | 0' | 0'

Pavement: Width and Type

24' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC | 22' AC

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE)

8' AC | 6' – 8' AC | 6' – 8' AC | 6' – 8' AC | 6' – 8' AC | 6' – 8' AC | 6' – 8' AC

Number of Traffic Lanes

4–12' | 4–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(1–12') (2–12') 11' TLs — 1–11' — 10' AC shared-use path

(Right Side)

11' TLs — 1–11'

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

CONCRETE GUTTER

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous FLAT

Speed: 1–Design, 2–Posted 30 MPH (2) | 30 MPH (2) | 40 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing 4 PHASE | 3 Phase

Traffic Stations (Current Year) B74 0031 00000 | B47 0031 00283

HPMS Sections – AADT 2007 28,585 | 23,130

HPMS Sections – AADT 2006 28,300 | 22,900

HPMS Sections – AADT 2005 28,050 | 22,679

DOD Sections

Census Tracts

Functional Classification PRINCIPAL ARTERIAL (14)

National Highway System (NHS) ON NHS (1)

Previous Projects: Project No., Date and Limits

31AB-01-02, WIDENING, 2003
STP-031-1(8) RESURFACING 1996
31B-01-94, 1994
TQF-RF-031-1(6) 1981 | TQF-RF-031-1(6) 1981

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Nov. 06	D.B.
Mar. 08	D.B.
Jan. 09	D.B.

ROAD INVENTORY

MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

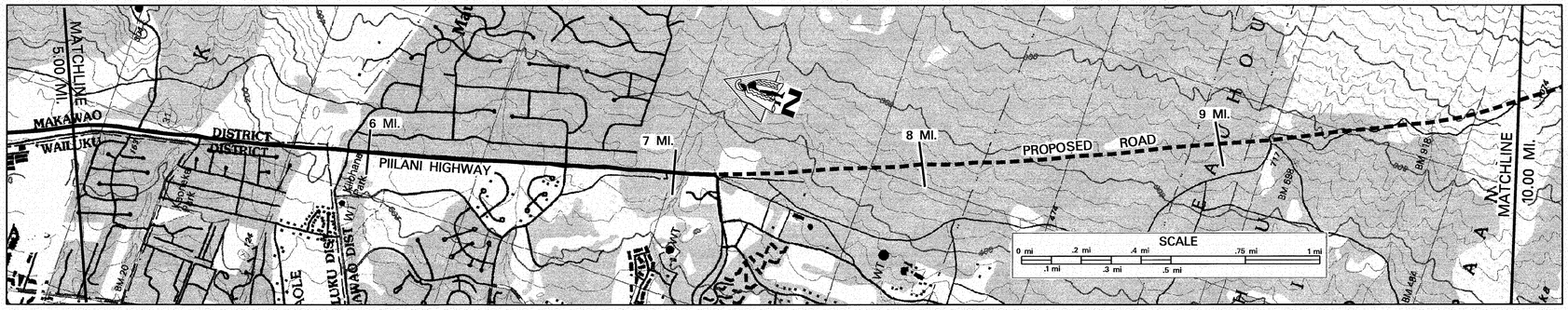
Total Route Length: 12.01 miles

a. Survey Length: 7.15 miles

b. Proposed Length: 4.86 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies

105' – 225' (5.97) 105' – 305'

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

CHAINLINK (5.41, 5.85) CHAINLINK (5.32, 6.45, 6.48, 6.56, 6.57, 6.87) NONE (5.32, 6.47, 6.49, 6.62, 6.64, 7.12)

Control of Access: 1–None, 2–Partial, 3–Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

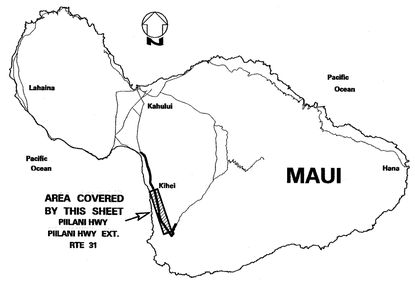
84+90 (5.91) STATE 150+00 (7.15)

Project No., Type of Construction, and Year Constructed

(31AB–01–02, WIDENING, 2003) (5.91) HWY–M–01–06M, RESURF., 2007

Project No., Type of Construction, and Year Constructed

(8.22) 780+00 STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004 150+00 (7.15)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

Begin Divided — Keonekai Dr — 5.30 mi. / 5.32 mi.
End Divided — 5.41 mi.
Begin Divided — 5.58 mi.
Mapu Place — 5.76 mi.
End Divided — Kilohana Dr — 5.91 mi.
E C B (R) — 6.08 mi.
Begin Divided — Culvert — 6.29 mi.
Mikioi Pl — 6.36 mi.
End Divided — Okolani Dr — 6.46 mi. / 6.51 mi. / 6.64 mi.
Begin Divided — 6.87 mi.
7.02 mi.

PIILANI HIGHWAY — 9 MP — 58+00 — 10 MP — 122+90

Begin proposed on Piilani Highway at the centerline of Wailea Ike Drive 7.15 mi.

End Existing Route 31 at angle point with Wailea Iki Drive (7.15 miles)

Route 31 – PROPOSED ROAD = 4.86 Miles

NO TRAVELWAY

Continued from Sheet # 1

Continued on sheet # 3

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway

Undivided

- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

6' – 8' AC	10' AC							
44' AC	22' AC	44' AC	22' AC	12' AC	24' AC	12' AC	24' AC	12' AC
6' – 8' AC	0'	6'–8' AC	0'		10' AC	0'	10' AC	0'

- Median: Width and Type
- Median Barriers:

(5.30) 0' – 12' Painted AC (5.58, 5.76) 0' – 12' Painted AC (5.91) 0' 14" Painted AC (6.08, 6.51) 0' – 14' Painted AC (6.87, 7.02) 0' – 25' Painted AC / Raised Curb, Flush AC (7.09)

Shoulder: Width and Type		0'		0'		0'		0'
Pavement: Width and Type		22' AC		22' AC	12' AC	12' AC		12' AC
Shoulder: Width and Type		6'–8' AC		6'–8' AC	10' AC	10' AC		10' AC / 0'

Number of Traffic Lanes

4 – 11' (5.91) 2 – 12' (7.09)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (2) — SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous (5.85) F L A T (7.07)

Speed: 1–Design, 2–Posted 40 MPH (2) — 45 MPH (2) / 45 MPH (1) / 35 MPH (2) — 40 MPH (2) / 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

5.34 B74 0031 00283 — 6.37 B74 0031 00593 (B74 0031 00708) 7.14 — B74 0031 00717 (PROPOSED) — B74 0031 00777 (PROPOSED)

HPMS Sections – AADT 2007 23,130 — 16,160 (13,940) — 7.15

HPMS Sections – AADT 2006 22,900 — 16,000 (13,800)

HPMS Sections – AADT 2005 22,679 — 15,819 (13,676)

(5.89) (7.09) (7.77)

DOD Sections

Census Tracts

Functional Classification PRINCIPLE ARTERIAL (14) — PRINCIPLE ARTERIAL (14) (7.75) COLLECTOR (17)

National Highway System (NHS) ON NHS (1) — ON NHS – UNBUILT

Previous Projects: Project No., Date and Limits

31AB–01–02, WIDENING, 2003
STP–031–1(8), RESURFACING 1996 (5.94)
TGF–RF–031–1(6) 1981 (5.93) F–031–1(3) 1990

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released
Oct 2004 GN

Revised	
Nov. 06	D.B.
Feb. 08	D.B.
Jan. 09	D.B.

ROAD INVENTORY

MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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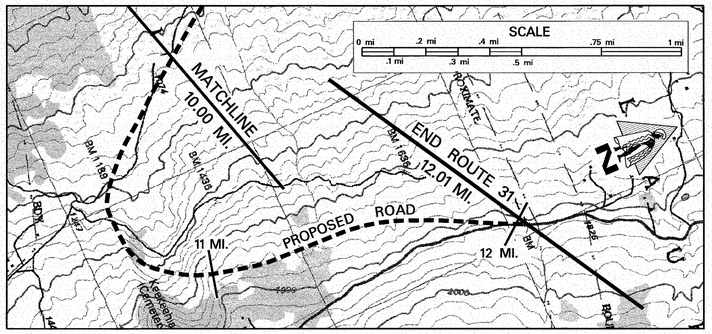
Total Route Length: 12.01 miles

a. Survey Length: 7.15 miles

b. Proposed Length: 4.86 miles

c. Other Length: * 0.00 miles

*



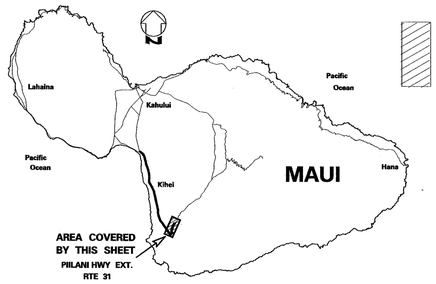
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type – Right and Left
- Control of Access: 1–None, 2–Partial, 3–Full
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- Project No., Type of Construction, and Year Constructed
- Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

10.00 mi. Continued from sheet # 2

Route 31 – PROPOSED ROAD = 4.86 Mile

NO TRAVELWAY

End Route 31 on Proposed Road at the SouthWest edge of pavement of Kula Highway and Makena Road 12.01 mi.

END ROUTE DESCRIPTION 0.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

- Median: Width and Type
- Median Barriers:
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: SMALL URBAN (2)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year) B74 0031 00777 (PROPOSED)
- HPMS Sections – AADT 2007
- HPMS Sections – AADT 2006
- HPMS Sections – AADT 2005
- DOD Sections
- Census Tracts
- Functional Classification: COLLECTOR (17)
- National Highway System (NHS): ON NHS – UNBUILT
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised
Nov. 06 D.B.

ROAD INVENTORY

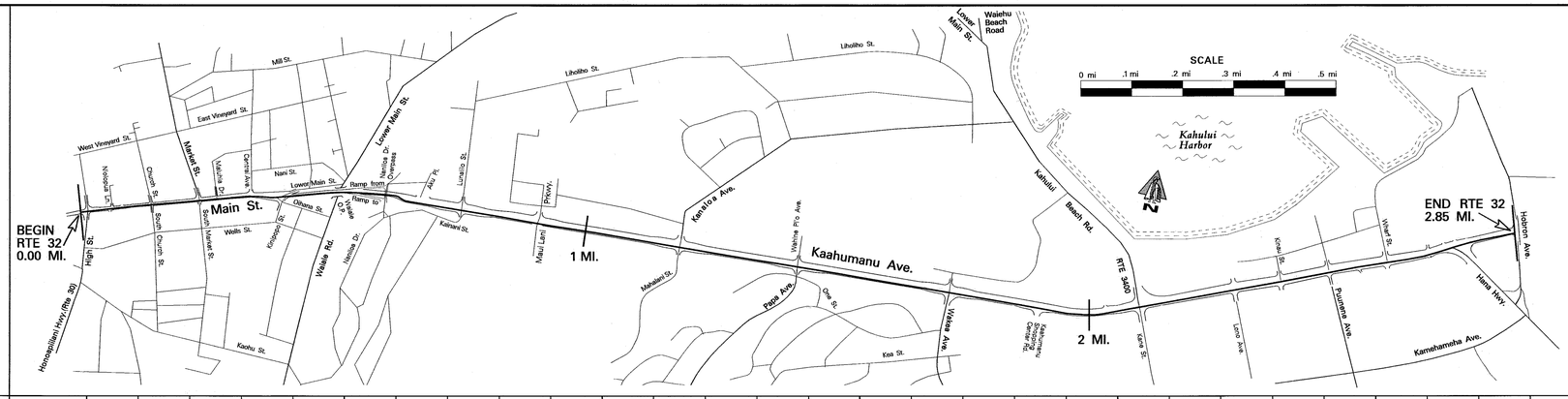
MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	2.85	MILES (a+b)
a. Existing Length:	2.85	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	2.85	MILES (a+b, less c)
a. Existing Length:	2.85	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



Scale: 1" = 0.15 mile

0 | 1 | 2 | 3

Maintenance Control Sections : Length and Description

0.01 Begin 32 A at the ℄ of High St. | 32 A (2.84 Mi.) | End 32 A on Kaahumanu Ave. at the ℄ Intersection with Hobron St.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Steel Multistringer 1936 H15 — 79' (0.61) — Conc. Frame 1936 H15 (0.60)

Vertical Clearance

34'

Horizontal Clearance

Structure Over Road

Vertical Clearance

14' 10"

Horizontal Clearance

45'

Right of Way Width (min.–max.) if varies

50' (0.60) | 115' – 265' (2.03) | 125' – 160' (2.22) | 100' – 145' (2.69) | 80' – 100'

Available Right of Way Width (Needs Study)

Urban / Commercial (0.78) | Bushes with Slight Cut Slope (1.75) | Urban / Commercial

Right of Way Fence: Type – Right and Left

(Chain Link 50' from Edge of Pavement) (0.88)

Control of Access: 1–None, 2–Partial, 3–Full

Partial

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

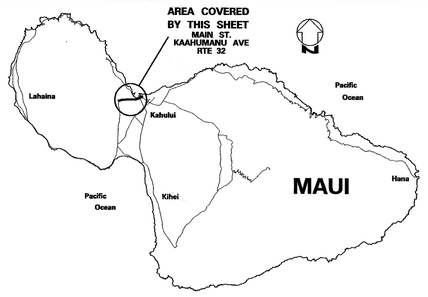
State

Project No., Type of Construction, and Year Constructed

STP–NH–0900(62), RESUFR., 2004 (0.34) | NH–032–1(8), Resurface, 2002 | (36A–01–96M, (R), 1999) (HWY–M–04–97, 1998) (2.60) (2.70) | (HWY–M–04–97, 1998) (2.78)

Project No., Type of Construction, and Year Constructed

NH–STP–032–1(6), Traffic Signals & Widening, 2002



Road Diagram

* MP = Milepost Signage

Begin Rte 32 on Main St. 75' West of the ℄ Intersection with High St. (Route 30). 0 MP 0.00 mi.

High St. 0.01 mi. | Driveway with Stop Sign Nuiopua Ln. 0.08 mi. | Church St. 0.09 mi. | S. Church St. 1.14 mi. | Begin Divided 0.20 mi. | End Divided & N. Market St. 0.24 mi. | Begin Divided Maluhia Dr. 0.27 mi. | S. Market St. 0.29 mi. | Central Ave. 0.34 mi. | Ohiana St. 0.37 mi. | End Divided Lower Main St. 0.39 mi. | Kinipopo St. 0.40 mi. | Waiale Rd. 0.51 mi. | Access from Naniloa Dr. 0.54 mi. | Begin Divided Naniloa Dr. OF. 0.60 mi. | Access to Naniloa Dr. 0.61 mi. | Aku Pl. 0.67 mi. | Lunalilo Dr. 0.75 mi. | Kainani St. 0.91 mi. | Maui Lani Pkwy. 1.01 mi. | Kanaloa Ave. 1.19 mi. | Wahine Pi'o Ave. 1.42 mi. | Papa Ave. 1.42 mi. | Wakea Ave. 1.73 mi. | Kaahumanu Center Road 1.90 mi. | Driveway 2.01 mi. | Kahului Beach Rd. (RTE 3400) 2.03 mi. | Entrance to Maui Beech Hotel 2.10 mi. | Kane St. 2.20 mi. | Lono Ave. 2.29 mi. | Kinau St. | Puunene Ave. (RTE 3500) 2.38 mi. | Kahului Shopping Center 2.48 mi. | Wharf St. 2.60 mi. | Third St. 2.68 mi. | ℄ Hana Hwy.-(FAP 36) Ramp to Hana Hwy. 2.72 mi. | Spur from Hobron & End Divided 2.74 mi. | End Rte 32 on Kaahumanu Ave. at the West edge of pavement of Hobron Ave. (Route 32A) 2.83 mi.

Indicates Grass & / or Physical Barrier on Median.

KAAHUMANU AVE – RTE 32

2 MP 2.01 mi. | 2 MP 2.00 mi. | 2.84 MP 2.84 mi. | 2.85 mi.

Main Street | Kaahumanu Ave. | Kaahumanu Ave.

Scale: 1" = 0.15 mile

0 | 1 | 2 | 3

Divided Highway — Undivided

Shoulder: Width and Type

0 (23' AC) | 26' AC | 23' AC | 12' AC | 26' AC | 12' AC | 24' AC | 32' AC | 4'–8" AC | 0 | 4' AC | 0 | 4'–6" AC | 24' AC | 1' AC | 2' AC | 36' AC | 12'–22' AC (4' AC) (32' AC)

Pavement: Width and Type

0 | 0 | 0 | (14' AC) | 0 | 0 | (0) | 1' AC | 0 | (2' AC) | 0 | (1' AC) | 0 | 2' AC | 0 | (3' AC) | 0 | 2' AC | 0

Shoulder: Width and Type

Median: Width and Type

(2'–6" Painted AC) | (2'–6" Painted AC) | (2'–10" Painted AC) | (2'–6" Painted AC with Rolled Curb) | 4' – 24' Grass (raised) | 4'–24" Trees & Shrubs (Raised) | 4'–24" Grs. (Raised) | (2'–6" Painted AC)

Shoulder: Width and Type

0 | 0 | (0) | 10' AC | 0 | 0 | (3' AC) | 0 | (3' AC) | 0 | (3' AC) | 0 | 1'–5" AC | 0

Pavement: Width and Type

12' AC | 12' AC | 1' AC | 24' AC | 36' AC | 24' AC | 36' AC | 24' AC | 14' AC | 28' AC

Shoulder: Width and Type

0 | (1'–11") | 0 | 3' AC | 4 – 10' AC | 4'–6" AC | 0 | 4' AC | 0 | 1'–3" AC

Number of Traffic Lanes

1–11' | 1–12' | 1–14' | 2–12' | 2–11' | 1–10", 1–11" | 2–12' | 4–12' | 2–12' | 3–12' | 4–12' | 2–12' | 3–12' | 6–12' | 3–12' | 1–12' to 22' | (1–18") (1–14') | 2–12' | 1–14' | 2–14'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) PL = 8' Parking Lane

(Right Side) PL = 8' Parking Lane

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Conc. | 6' Conc. SW | C. SW | 6' Conc. SW

Curb and/or Gutter: Type (Right and Left) 1 = AC Curb

Stone Curb | Conc. Curb | Conc. Curb (Conc. Curb & Gutter) (Conc. Curb) | Conc. Curb with Conc. Gutter Behind | Conc. Curb | 1' Conc. Curb (1' Conc. Curb)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

–4 | –2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Flat (1)

Speed: 1–Design, 2–Posted

20 MPH (2) | 45 MPH (2) | 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing Ph. = Phase

3 Ph. | 3 Ph. | 3 Ph. | 3 Ph. | 4 Ph. | 4 Ph. | 4 Ph. | 4 Ph. | 3 Ph. | 3 Ph. | 3 Ph. | 4 Ph. | 3 Ph.

Traffic Stations (Current Year)

B74 0032 00000 | B74 0032 00024 | B74 0032 00040 | B74 0032 00052 | B74 0032 00062 | B74 0032 00118 | B74 0032 00141 | B74 0032 00210 | B74 0032 00220 | B74 0032 00249 | B74 0032 00260 | B74 0032 00268 | B74 0032 00272 | B74 0032 00274 | (B74 0032 00281)

HPMS Sections – AADT 2007

11,820 | 13,030 (17,375) (17,200) | 27,575 | 27,675 | 25,355 | 34,445 | 24,140 | 55,755 | 44,040 | 32,825 | (32,825) | 3,535

HPMS Sections – AADT 2006

11,700 | 12,900 | 27,300 | 27,400 | 25,100 | 34,100 | 23,900 | 55,200 | 43,600 | 32,500 | (32,500) | 3,500

HPMS Sections – AADT 2005

11,541 | 12,806 (16,990) | 27,040 | 27,090 | 24,900 | 33,774 | 23,687 | 54,608 | 43,217 | 32,190 | (32,190) | 3,433

DOD Sections

Census Tracts

Functional Classification

Principal Art. (Conn. Link) (14) | Principal Arterial (14)

National Highway System (NHS)

On NHS (1)

Previous Projects: Project No., Date and Limits

STP–0900(34), 1998 | HWY–M–04–97, 1998 (R) 32A–01–89 (R) 1991 | (32A–01–96, 1998) | (32A–01–89M (R) 1991)

HWY–M–02–91M (R) 1992 | 32A–01–83M (R) 1983 27+26.98 | DF–032–1(4) 1958 | DANCR 1945

County Phase II | WPGM13–H, 1936 | WPGM13–I,1936 | (F–032–(2), 1955) | F–032–1(1), 1957 | (DANC 8(1) 1944)

100+75.81 | 3+85.21 | 2+11.00 | 38+60.33 | 3+84.06

Scale: 1" = 0.15 mile

0 | 1 | 2 | 3

Date Released
May 2001
Revised
Nov. 06 D.B.

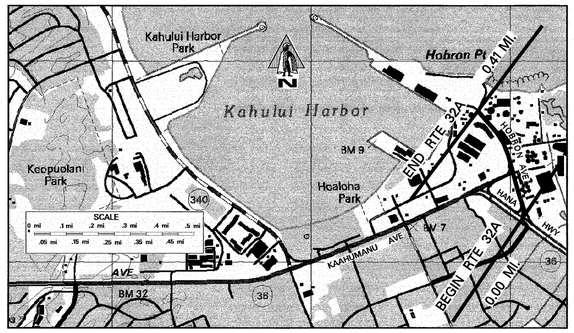
ROAD INVENTORY
MAUI RTE 32A
HOBRON AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.41 miles
a. Survey Length: 0.41 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

Begin 32A same as begin route. — 32A (0.41 MI) — End 32A same as end route.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80′ | 0.22 | 50′

Available Right of Way Width (Needs Study): COMMERCIAL DISTRICT

Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 5+26 | STATE | 0.17 | STATE PHASE II | (-)13+60

Project No., Type of Construction, and Year Constructed: 0.03 | HWY-M-01-05 (R) 2006 | 0.39 | COUNTY TO STATE

Project No., Type of Construction, and Year Constructed: (Inter. Improvement) 2000 | STP-036-1(12) | 0.04 | HWY-M-01-91M (R) 1992

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 32A ON HOBRON AVENUE AT THE NORTHEAST EDGE OF PAVEMENT OF HANA HWY (RTE 36) — 0.00 mi.

END DIVIDED — 0.04 mi.

DRIVEWAY — 0.09 mi.

South approach — 0.15 mi.

KAAHUMANU AVE (RTE 32) — 0.17 mi.

HOBRON AVENUE (-)1+10

North approach — 0.19 mi.

AMALA PLACE — 0.24 mi.

ALA LUINA ST. — 0.41 MP — 0.40 mi.

END ROUTE 32A ON HOBRON AVENUE AT THE GATE TO PIER #1, KAHULUI HARBOR — 0.41 MI — 0.41 mi.

SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided

Shoulder: Width and Type

Pavement: Width and Type: 22′ AC | 33′ AC | 0.07 | 22′ AC | 0.38 | 15′ – 20′ AC/GRAVEL

Shoulder: Width and Type: 0 | 0.04 | 6′ AC | 0.15 | 12′ Grass | 0.17 | 10′–15′ Gravel | 0.24 | 6′ AC

Divided Highway

Median: Width and Type: 11′ Painted AC

Shoulder: Width and Type: 0 | 0.04

Pavement: Width and Type: 11′ AC

Shoulder: Width and Type: 6′ AC

Number of Traffic Lanes: 2 – 11′ / 1 – 11′ | 0.07 | 2 – 11′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.19 | 1 – 11′ | 0.24

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 0.10 1-MV 0.15 | 0.23 1-MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT | 0.23

Speed: 1–Design, 2–Posted: 20 MPH (2) | NOT POSTED | NOT POSTED | 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): 0.10 | B74 032A 00000

HPMS Sections – AADT 2007: 6,060

HPMS Sections – AADT 2006: 5,998 | 0.41

HPMS Sections – AADT 2005: 5,998

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

National Highway System (NHS): On NHS (1)

Previous Projects: Project No., Date and Limits

DANC 8 (1) 1945 | 0.22 | COUNTY

SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Oct. 2004, G.N.
Revised	
Nov. 06	D.B.

ROAD INVENTORY
MAUI RTE 32B
WHARF STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

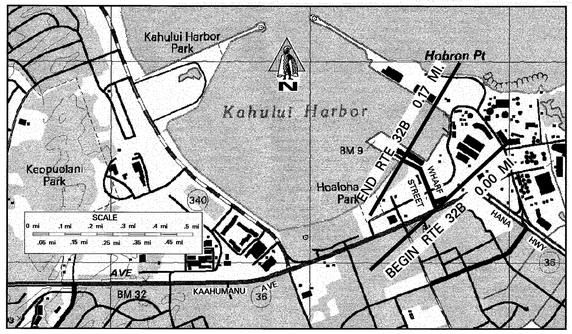
Total Route Length: 0.17 miles

a. **Survey Length:** 0.17 miles

b. **Proposed Length:** 0.00 miles

c. **Other Length:** * 0.17 miles

*



SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description

32B (0.17 MI)

Begin and end 32B same as begin and end route 32B

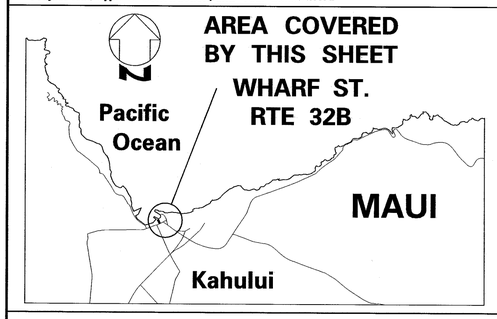
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

- **Right of Way Width (min.–max.) if varies:** 60'
- **Available Right of Way Width (Needs Study):** COMMERCIAL AREA
- **Right of Way Fence: Type – Right and Left:** 0.08 0.08 Chain Link Fence
- **Control of Access: 1–None, 2–Partial, 3–Full:** NONE
- **Jurisdiction, Transfer Phase No. and Date (C to S or S to C):** 0+00 STATE 5+70
- **Project No., Type of Construction, and Year Constructed:** 0.00 HWY–M–01–05M 2006 (R) | LT–M–01–78M (R) | WDR 34(1)
- **Project No., Type of Construction, and Year Constructed:** HWY–M–01–91M 1992 (R) 0.11 | 1979 | 0.34



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 32B ON WHARF STREET AT THE NORTH EDGE OF PAVEMENT OF KAAHUMANU AVENUE (ROUTE 32)

0.00 MI.

ALA LUINA ST (Pier 1) — 0.05 mi.

WHARF — GUARD HOUSE — 0.08 mi.

STREET — PAVED ROAD — 0.11 mi.

END ROUTE 32B ON WHARF STREET AT THE SOUTH BOUNDARY OF THE HARBORS DIVISION LOT AT PIER #2

0.17 MI.

SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided

- **Shoulder: Width and Type:** 2' AC | 0.06 | 8' AC | 0.07 | 10' AC | 0.14 | 30'–50' AC
- **Pavement: Width and Type:** 24' AC | 0.02 | 28' AC | 36' AC | 42' AC | 44' AC | 0.11 | 42' AC | 0.12 | 36' AC
- **Shoulder: Width and Type:** 2' AC | 0.04 | 4' AC | 0.08 | 0 | 40'–50' AC

Divided Highway

- **Median: Width and Type**
- **Shoulder: Width and Type**
- **Pavement: Width and Type**
- **Shoulder: Width and Type**

- **Number of Traffic Lanes:** 2–12' | 1–12' 1–14' | 2–18' | 1–14' 1–28' | 1–16' 1–30' 1–20' | 12' T.L. | 0.02 0.04 0.06 0.12 0.08 0.11
- **Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)**
- **(Right Side)**
- **Frontage Road: No. of Lanes, and Width (Right and Left)**
- **Sidewalk: Width and Type (Right and Left):** 0.04 0.07 8" CONC | 8" CONC
- **Curb and/or Gutter: Type (Right and Left):** CONC. CURB & AC GUTTER
- **Protective Devices: Type, Location and Number**
- **Illumination: Type, Location and Number**
- **Curves: Degree of Curvature (Right and Left)**
- **Superelevation (Range)**
- **Grades: % Grade, Positive or Negative**
- **Vertical Curve: Crest or Sag, Curve Limits**
- **Area and Development:** SMALL URBAN (2)
- **Terrain: 1–Flat, 2–Rolling, 3–Mountainous:** FLAT (1)
- **Speed: 1–Design, 2–Posted:** 20 MPH (2)
- **Intersection Control Devices: Type, Location and Cycle Timing**
- **Traffic Stations (Current Year):** 0.06 B74 032B 00000
- **HPMS Sections – AADT 2007:** 2,465
- **HPMS Sections – AADT 2006:** 2,440
- **HPMS Sections – AADT 2005:** 2,440
- **DOD Sections**
- **Census Tracts**
- **Functional Classification:** PRINCIPAL ARTERIAL (14)
- **National Highway System (NHS):** ON NHS (1)
- **Previous Projects: Project No., Date and Limits:** WDR 34 (1) COUNTY PROJECT

0.17

SCALE: (In Miles) 20" = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Oct. 2004, G.N.
Revised
Nov. 06 D.B.

ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

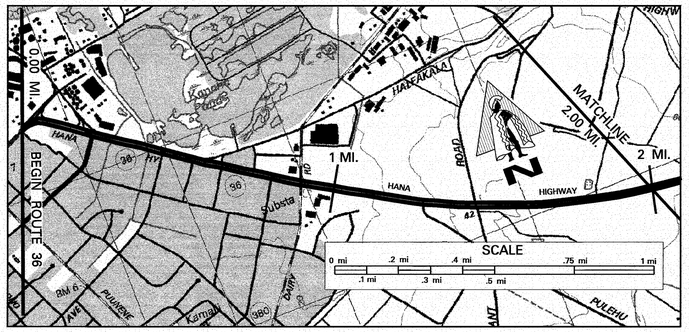
Total Route Length: 16.23 miles

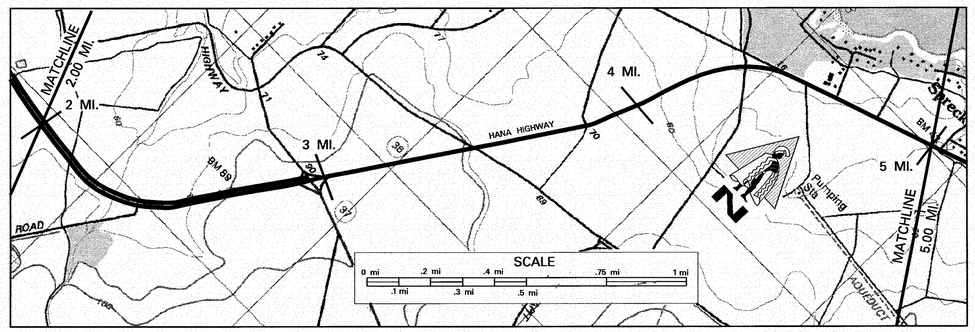
a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 36A same as begin Route 36 — 36A (6.70 MI)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

TEE BEAM 1944 H20 53' — PRESTRESSED CONCRETE GIRDER 1991 HS-20-44

Vertical Clearance

2.29

Horizontal Clearance

105'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

100' – 168' — 60'

Available Right of Way Width (Needs Study)

URBAN/RESIDENTIAL AREA — 1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT

Right of Way Fence: Type – Right and Left

NONE

Control of Access: 1–None, 2–Partial, 3–Full

PARTIAL — NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

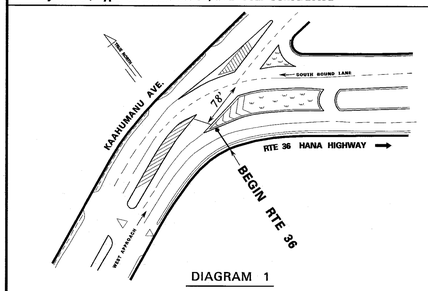
Project No., Type of Construction, and Year Constructed

STP-036-1(12) Inter. Impr., 2000 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

Project No., Type of Construction, and Year Constructed

36A-01-96M (R), 1999 — HWY-M-01-96M AREA 3 1997 — 36AB-01-04M, RESURFACE, 2005

KAHULUI URBAN BOUNDARY



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

(SEE DIAGRAM 1)

BEGIN ROUTE 36 ON THE WEST APPROACH TO HANA HWY 78' FROM THE CENTERLINE OF THE SOUTH BOUND LANE OF KAAHUMANU AVENUE (ROUTE 32)

0.00 mi.

HOBRON ST (Rte 32A) 0.02 mi. | ROAD 0.19 mi. | WAKEA AVENUE 0.27 mi. | HANAMAU STREET 0.43 mi. | HALEAKALA HWY (Rte 36A) 0.52 mi. | PAVED ROAD 0.61 mi. | PAPA AVENUE 0.72 mi. | DAIRY ROAD (Rte 3800) 0.78 mi. | ECB 0.87 mi. | 1 MP 0.96 mi. | PULEHU ROAD 1.07 mi. | ROAD to Development 1.27 mi. | CONC. TC & CANE HAUL RD 1.42 mi. | 2 MP 1.80 mi. | KALIALINUI BR 2.01 mi. | HANSEN ROAD 2.29 mi. | CULVERT 2.37 mi. | ECB 2.68 mi. | HALEAKALA HWY (Rte 37) 2.81 mi. | 3 MP 2.92 mi. | END DIVIDED 3.00 mi. | KALA STREET CULVERT 3.21 mi. | CANE HAUL RD 3.39 mi. | BEGIN DIVIDED 3.44 mi. | END DIVIDED 3.79 mi. | BEGIN DIVIDED 4.01 mi. | STABLE RD. 4.22 mi. | END DIVIDED 4.34 mi. | BEGIN DIVIDED 4.40 mi. | ALAKAPA PL 4.43 mi. | END DIVIDED 4.65 mi. | BEGIN DIVIDED 4.73 mi. | NONOHE PL 4.84 mi. | 5.00 mi.

HANA HWY

MP 0 | MP 1 | MP 2 | MP 3 | MP 4 | MP 5

Kam Ave | Hanakai St

157+81.20 | 184+95 | 232+70 | 154+30

ROUTE CONTINUES ON SHEET # 2

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type

6' AC 0.98 | 10' AC 2.88 | 30' AC 3.22 | 4' AC

Pavement: Width and Type

22' AC 0.81 | 24' AC 2.92 | TAPER 12'–24' 3.05 | 12' AC | 24' AC | 12' AC | (24' AC) 12' AC | 12' AC

Shoulder: Width and Type

4' AC 0.87 | 0' 0.89 | 6' AC | 0' | 6' AC | 0' | 4' AC | 0' | (4' AC) 0' | 0'

Median: Width and Type

50' GRASS | VARIES 16'–24' GRASS 1.29 | VARIES 20' – 24' GRASS 2.19 | VARIES 10'–20' PAINTED AC 2.48 | VARIES 10'–14' GRASS 2.82 | VARIES 12'–20' PAINTED AC 3.21 | 12' PAINTED AC 4.22 | 4.40 | 4.43 | 12' PAINTED AC 4.73 | 4.84 | 12' PAINTED AC

Shoulder: Width and Type

4' AC 0.87 | 0' 0.96 | 6' AC | 0' | 6' AC | 0' | 0' | 0' | 0'

Pavement: Width and Type

24' AC | TAPER 12'–24' 3.04 | 3.05 | 12' AC | 12' AC | 12' AC

Shoulder: Width and Type

6' AC 0.81 | 10' AC 2.88 | 8' – 10' AC | 4' AC | 4' AC | 6'–8' AC

Number of Traffic Lanes

2 – 11' | 2 – 12' | 1 – 12' 1–12' | 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.'s 12' unless noted

(Right Side) ALL T.L.'s 12' unless noted

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

6' CONC.

Curb and/or Gutter: Type (Right and Left)

CONC. CURB | 4' – 6' CONCRETE GUTTER

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL ON METAL

M/M

Illumination: Type, Location and Number

H P S

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

– 1 | + 1 | + 2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

SMALL URBAN (2) | RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

F L A T (1)

Speed: 1–Design, 2–Posted

30 MPH (2) | 45 MPH (2) | 55 MPH (2) | 45 MPH (2) | 55 MPH (2) | 35 MPH (2) / 45 MPH (2) | (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing ALL 4 PHASE

Traffic Stations (Current Year)

(B74 0036 00000) | B74 0036 00019 | B74 0036 00053 | B74 0036 00087 | B74 0036 00292

HPMS Sections – AADT 2007

26,260 | 36,765 | 31,010 | 40,505 | 17,375

HPMS Sections – AADT 2006

26,000 | 36,400 | 30,700 | 40,100 | 17,200

HPMS Sections – AADT 2005

25,730 | 36,010 | 30,363 | 39,743 | 17,025

DOD Sections

Census Tracts

Functional Classification

PRINCIPLE ARTERIAL (14) | MINOR ARTERIAL (6)

National Highway System (NHS)

ON NHS (1) | NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

STP-0900(34) 1998 — AM-1061-12 (IMPROV), 1991 — 36A-02-87M (R) 1988 — 36A-01-82 Inter. Impr. 1983 — 36AB-01-90M (R) 1991

DANC 8(1) 1945 — HWY-M-01-76M (R) 1976 — DANC 8(1) 1943, 1945 — HWY-M-02-76M (R) 1976 — 147+44.30 NRS – 17A 1933 — 242+00

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct. 2004, G.N.

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.

ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

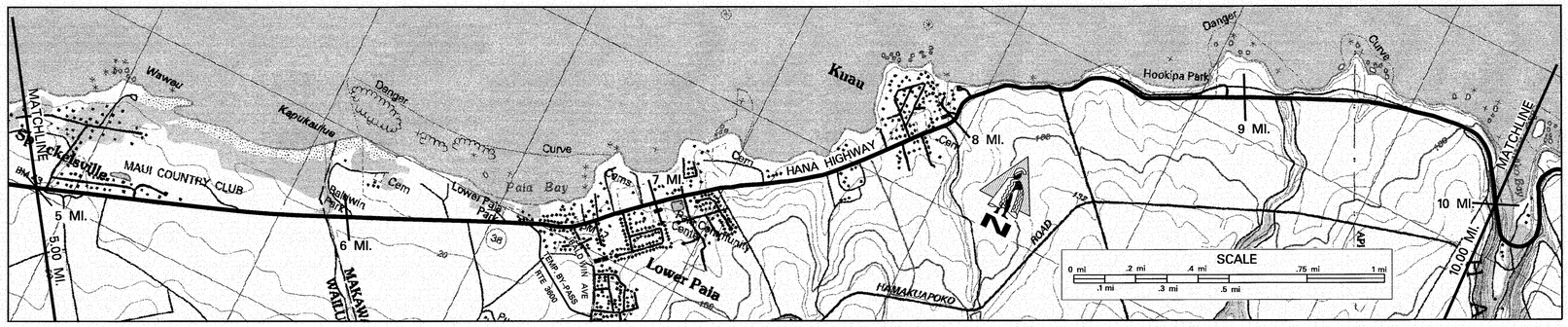
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 16.23 miles
a. Survey Length: 16.23 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

36A (6.70 MI) — 6.70 End 36A and begin 36B on Hana Hwy at the West edge of pavement of Baldwin Ave. — 36B (4.32 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60' | 8.89 80' – 200'

Available Right of Way Width (Needs Study): 1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT | 6.50 RESIDENTIAL AREA | 7.94 1000' CLR (R) 15' SUGAR CANE FROM PAVEMENT / BEACH (L) | 9.69 CLIFFS

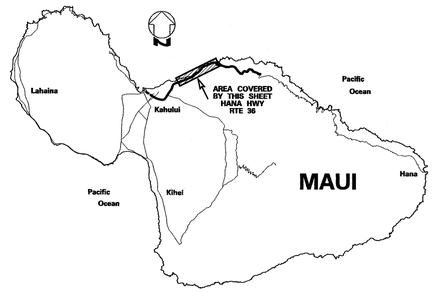
Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed:
191+00 5.33 STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 6.92 222+00 — 251+00 6.48 36AB-02-04M (R) 2006 6.55 10+28 6.82 — 253+81.21 6.53 36AB-01-95M 1998 (R) 6.83 10+04.82 — 36AB-01-04M, RESURFACE, 2005 — 8.61 122+35 8.92 STP-036-1(8) RESURFACE 1998

Project No., Type of Construction, and Year Constructed:
36AB-01-04M, RESURFACE, 2005 — 36AB-01-90M RESURFACE 1991



Road Diagram
* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 1 — 5.00 mi.

END DIVIDED 5.11 mi. | ULUPUA STREET 5.28 mi. | 188+10 | BEGIN DIVIDED CULVERT 5.90 mi. | ALAWAI RD 5.91 mi. | END DIVIDED 5.97 mi. | 226+00 | 6 MP 6.02 mi. | 6.03 mi. | Telemetry, Sta 38B 6.28 mi. | 255+00 PAVED ROAD 6.47 mi. | ACCESS TO PAIA MINI-BYPASS RD. (RTE 3600) 6.53 mi. | (SEE DIAGRAM ON RTE 36 SHEET 4 OF 4) | AE LANE 6.54 mi. | BALDWIN AVE 6.61 mi. | 3+00 | Luna Lane 6.70 mi. | HOMELANI PLACE 6.77 mi. | KUPONO STREET 6.86 mi. | LOIO PLACE 6.88 mi. | BEGIN DIVIDED 6.92 mi. | LAE PLACE ROAD 6.97 mi. | 1+40 | 7 MP 7.03 mi. | END DIVIDED 7.06 mi. | KU AU PLACE 7.15 mi. | PAVED ROAD 7.28 mi. | 7.32 mi. | H A N A | AOLANI PLACE 7.58 mi. | KAULUA PLACE 7.63 mi. | Kuleni Place | WAA PLACE 7.70 mi. | MEHA PLACE 7.79 mi. | KAIMAO STREET 7.83 mi. | ULUMAIKA PLACE 7.84 mi. | KAIHOLO ROAD 7.99 mi. | ROAD TO MAMA'S FISH HOUSE 8.06 mi. | 8 MP 8.07 mi. | 445+10 | HOLOMUA AVENUE 8.36 mi. | BEGIN DIVIDED 8.44 mi. | PARK FROM HOOKIPA 8.55 mi. | END DIVIDED 8.61 mi. | WEST EXIT | EAST ENTRANCE TO HOOKIPA PARK 8.89 mi. | 9 MP 9.03 mi. | H I G H W A Y | PAVED ROAD 9.12 mi. | PAVED ROAD 9.33 mi. | PAVED ROAD 9.53 mi. | ECB 9.54 mi. | ROAD TO HAMAKUAPOKO 9.71 mi.

ROUTE CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway

Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

4' AC | 6.47 20' Grass | 6.52 6.68 6.79 6.88 6.91 | 9' AC | 6' GRASS | 4' AC | 8.93 6' AC
12' AC | 6'-8' AC | 5.55 | 24' AC | 22' AC | 31' AC | 22' AC | 0' (24' AC) | 34' AC | 24' AC | 11' AC | 22' AC | 11' AC | 8.82 24' AC
0' | 4' AC | 0' | 4' AC | 0' | 4' GRS | 4" AC | 0' | 6' GRASS | 7.90 4' AC 8.08 6' GRASS | 0 | 10' GRASS 8.93 | 5' – 6' AC

Divided
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

12' PAINT AC | 5.11 | 10' PAINT AC | 6.03 | 10' PAINT AC | 7.15 | 11' PAINTED AC | 8.61
0' | 0' | 0' | 0
12' AC | 12' AC | 11' AC | 11' AC
6'-8' AC | 6'-15' AC | 6' GRASS | 4' AC

Number of Traffic Lanes: 2 – 12' | 6.55 2-11' | 6.62 1-11' | 6.68 2-11' | 6.79 2-17' | 6.82 2-12' | 2 – 11' | 8.82 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1-11' (L) TL) 6.88

(Right Side): (11' 2-WAY (L) TL) 6.55 | 6.68 | 6.72 7.79 (11' 2-WAY (L) TL) | 1-11' (L) TL 8.49 8.55

Frontage Road: No. of Lanes, and Width (Right and Left): 1-14' (R) TL (TO PAIA MINI BY-PASS) 6.49 6.55 | (1-12' (R) TL) 6.86

Sidewalk: Width and Type (Right and Left): 6' CONC. CURB 6.57 | CONC. CURB 7.00

Curb and/or Gutter: Type (Right and Left): 6" CONC. GUTTER | (METAL RAIL ON CONC. POST) 9.80

Protective Devices: Type, Location and Number: METAL ON METAL 6.88 | METAL ON METAL 7.88 8.06 8.12 8.16 8.33 8.46 WOOD ON WOOD 9.06 9.16 9.34 9.48 9.55 | METAL ON CONC. 9.70 9.77

Illumination: Type, Location and Number: 6.46 MV 6.88

Curves: Degree of Curvature (Right and Left): NONE

Shoulder Lanes: (OPEN 4-6 PM, EXC. SAT, SUN, HOL.; NO TRUCKS OR BUSES) 6.03 1-14' SHOULDER LANE 6.49 6.52

Grades: % Grade, Positive or Negative: 5.17 – 1 5.45 | 5.94 0 6.52 | 9.00 + 3 9.20 | 9.81 –3

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: F L A T (1) | R O L L I N G (2) | 9.05 9.69 9.75 MOUNTAINOUS

Speed: 1–Design, 2–Posted: 35 MPH (2) 5.38 | 45 MPH (2) | 6.41 35 MPH (2) 6.48 | 6.78 20 MPH (2) 6.89 | 30 MPH (2) | 9.05 45 MPH (2) | 9.69 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 6.92 6.98 3 PHASE

Traffic Stations (Current Year):
B74 0036 00292 — 17,375 — 17,200 — 17,025 — 6.43
B74 0036 00643 — 14,750 — 14,600 — 14,430 — 8.29 — 8.93
9.15 B74 0036 00893 — 11,720 — 11,600 — 11,469
B74 0036 00953 — 10,710 — 10,600 — 10,530 — 9.53

HPMS Sections – AADT 2007: MINOR ARTERIAL (6)

HPMS Sections – AADT 2006: NOT ON NHS (0)

HPMS Sections – AADT 2005

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits:
36AB-01-90M RESURFACE 1991 (228+00) 6.01 36B-02-02, SHLDR. LN., 2005 (258+90) 6.55
36AB-01-90M RESURFACE 1991 6.53 — 6.83 (36AB-01-95M, 1996 (R))
36AB-01-75 (RESURF) 1975 — NRS – 17A 1933 — 257+00 6.27
36B-02-79 (IMPROV) 1979 — JOB # 5213 7.88 — 8.36
36AB-01-90M (RESURF) 1991 8.36 — WDRC 14(1) 1948
8.93 STP-036-1(7) 1997
36BC – 01 – 82M (RESURF) 1982 — F-036-1(1) REVAMP 1961 — 8.87 F-036-1(1) 1959

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 2004, G.N.

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
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ROAD INVENTORY

MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

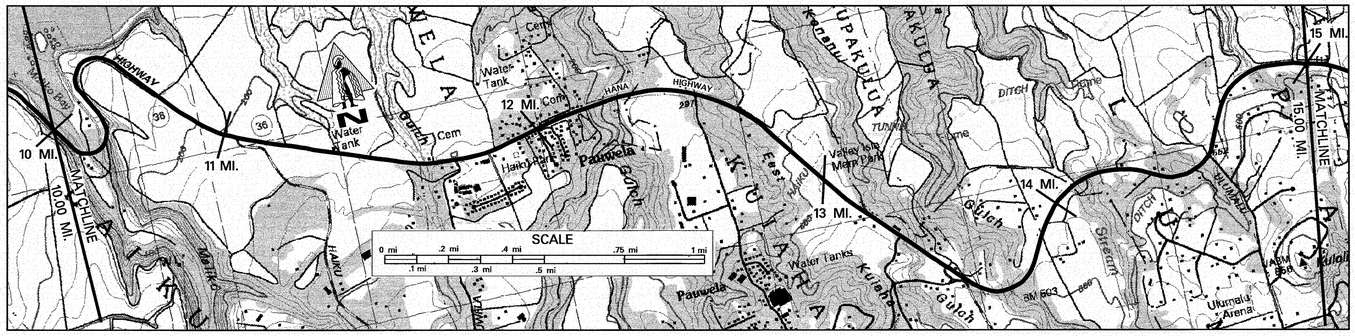
Total Route Length: 16.23 miles

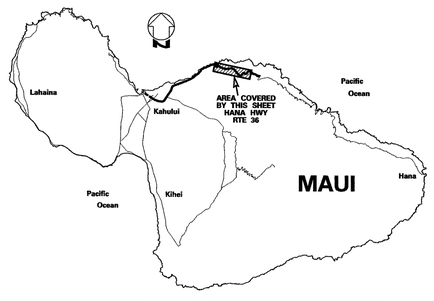
a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Road Diagram

* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile	10 · 11 · 12 · 13 · 14 · 15
Maintenance Control Sections : Length and Description	36B (4.32 MI) · 11.22 End 36B, Begin 36C at the centerline intersection of Hana Hwy and Kakomo–Haiku Road · 36C (5.21 MI)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	10.06 TEE BEAM 1961 205' HS20 · 13.65 PRESTRESSED CONCRETE GIRDER, HL–93, 2003
Structure Carrying Road — Vertical Clearance	28' · 34'
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80' – 200' · 80' – 285' · 80' – 135'
Available Right of Way Width (Needs Study)	10.48 CUT SLOPES · 10.70 CLR 1000' PINEAPPLE 20' FROM PAVEMENT · 11.00 TREES AND BUSHES · 11.70 RES. AREA · 12.18 TREES · 12.80 CLR 1000' PINE 15' FROM PVMT · 13.10 CUT SLOPES WITH PASTURES AND FARMS · 13.62
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	STATE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	BR-036-1(15), 2003 BRIDGE REPLACEMENT · 13.52 · 13.84
Project No., Type of Construction, and Year Constructed	STP – 036 – 1(8) RESURFACE 1998 · 12.94 · STP – 0900 (39), 1996 RESURFACE
Project No., Type of Construction, and Year Constructed	

ROUTE CONTINUED FROM SHEET # 2 — 10.00 mi.

MALIKO BRIDGE ROAD · ECB · HANA HIGHWAY · ROAD TO HAIKU · PAUWELA ROAD · ROAD TO CEMETERY · AKAHAI PL. (L) PILALOHA ST. (R) · Pauwela Light House · AKAHAI PLACE · PUU KOA ROAD · KAHIAPO PLACE · WAIKINA LOOP · NAHELE ROAD · WAIKINA LOOP · W. KUIAHA RD. (R) NAHELE RD. (L) · VALLEY ISLE MEMORIAL PARK · E. KUIAHA ROAD · ROAD TO HAIKU HAHANA RD. (L) HAIKU-ULUMALU RD. (R) · KAUPAKULUA BRIDGE · HOHANI PLACE O'ILI ROAD · ULUMALU ROAD

10 MP · 11 MP · 12 MP · 13 MP · 14 MP

10.09 mi. · 10.02 mi. · 10.14 mi. · 10.18 mi. · 11.03 mi. · 11.02 mi. · 11.64 mi. · 11.70 mi. · 11.84 mi. · 11.88 mi. · 11.90 mi. · 11.97 mi. · 12.02 mi. · 12.14 mi. · 12.24 mi. · 12.28 mi. · 12.50 mi. · 12.93 mi. · 13.02 mi. · 13.28 mi. · 13.45 mi. · 13.65 mi. · 13.86 mi. · 13.91 mi. · 14.03 mi. · 14.52 mi.

ROUTE CONTINUE ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile	10 · 11 · 12 · 13 · 14 · 15
Divided Highway, Undivided — Shoulder: Width and Type	6' AC · 12.36 · 4' – 6' AC · 13.62 · 10' AC · 13.84 · 4' – 6' AC
Divided Highway, Undivided — Pavement: Width and Type	24' AC · 10.57 · 22' AC · 24' AC · 22' AC
Divided Highway, Undivided — Shoulder: Width and Type	5' – 6' AC · 4' – 6' AC · 10' AC · 4' – 6' AC
Divided Highway — Median: Width and Type	
Divided Highway — Shoulder: Width and Type	
Divided Highway — Pavement: Width and Type	
Divided Highway — Shoulder: Width and Type	
Number of Traffic Lanes	2 – 12' · 10.57 · 2 – 11' · 13.52 · 2 – 12' · 13.84 · 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	6' CONC. SWALE · 13.64 · 13.70 · 13.74 · 13.76 · 13.84 · 14.20 · 14.82 · 14.85
Curb and/or Gutter: Type (Right and Left)	4' CONC. GUTTER · 10.21 · 10.48 · 3' CONC. GUTTER · 0.71 · (4' CONC. GUTTER) · 4' CONC. GUTTER · 10.15 · 10.21 · 10.34 · 10.48 · 10.52 · 10.09 · 10.03 · (CRM WALL) · (METAL RAILS ON CONC. POSTS) · 3' AC · (2' CONC. GUTTER) · 12.12 · 12.23 · 3' CONC. GUTTER · 12.34 · 12.41 · (2' CONC. GUTTER) · (4' CONC. GUTTER) · 12.56 · 3' CONC. GUTTER · (2' CONC. GUTTER) · 13.27 · 13.30 · 13.34 · 13.38 · (WOOD/WOOD) · (WOOD/WOOD) · 13.76 · M/M · 14.06 · M/M · 14.14 · 14.18 · M/M · 14.21
Protective Devices: Type, Location and Number	11.58 · 11.63 · WOOD RAILS ON WOOD POSTS · 12.12 · WOOD RAILS ON WOOD POSTS · 12.46 · 12.66 · WOOD RAILS ON WOOD POSTS · (METAL ON CONC.)
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	10.01 · + 4 · 11.05 · 11.48 · + 7 · 12.78 · 12.95
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	10.09 RURAL (1) · SMALL URBAN (2)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS · ROLLING
Speed: 1–Design, 2–Posted	35 MPH (2) · 10.78 · 10.69 · 10.67 · 45 MPH (2) · 11.65 · 30 MPH (2) · 12.03 · 12.12 · 45 MPH (2) · 12.84 · NOT POSTED 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	(B74 0036 00953) · B74 0036 01009 10.77 · 11.21 B74 0036 01102 · 11.76 B74 0036 01170 · B74 0036 01214 13.00 · B74 0036 01345 13.63 · B74 0036 01391
HPMS Sections – AADT 2007	10,710 · 7,980 · 6,365 · 6,365 · 6,265 · 3,435
HPMS Sections – AADT 2006	10,600 · 7,900 · 6,300 · 6,300 · 6,200 · 3,400
HPMS Sections – AADT 2005	10,530 · 7,830 · 6,210 · 6,210 · 6,111 · 3,386
DOD Sections	10.09 · 11.02 · 11.70 · 12.14 · 13.45 · 13.91
Census Tracts	
Functional Classification	10.09 MINOR ARTERIAL ((6) · MINOR ARTERIAL (16)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	STP-036-1(7) 1997 · 12.94 · 36BC–01–82M 1982 RESURFACE · 12.33 · 0.34 · 36C–01–87M 1987 RESURFACE
	F–036–1(1) 1961 REVAMP · 10.48 · F – 32 (2) 1957 · 13.57
	F–036–1(1) 1959 · 10.48 · 2+58.86 · 180+79.87 · F – 32 (3) 1951, 1953 · 164+34.19 · 13.32 · 3+34.19 · F – 32 (2) 1946
SCALE: (In Miles) 4" = 1 mile	10 · 11 · 12 · 13 · 14 · 15

Date Released
Oct 2004 GN

Revised	
Feb. 06	D.B.
Nov. 06	D.B.

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MAUI RTE 36
HANA HIGHWAY

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PREPARED BY THE
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a. Survey Length: 16.23 miles
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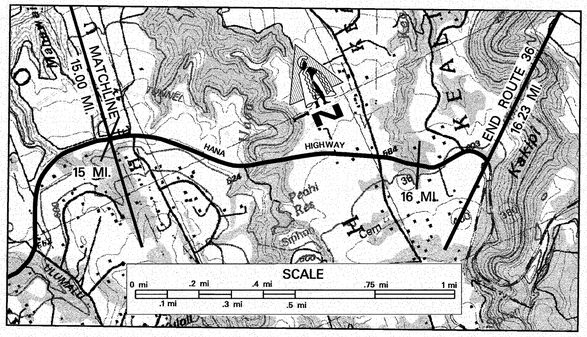
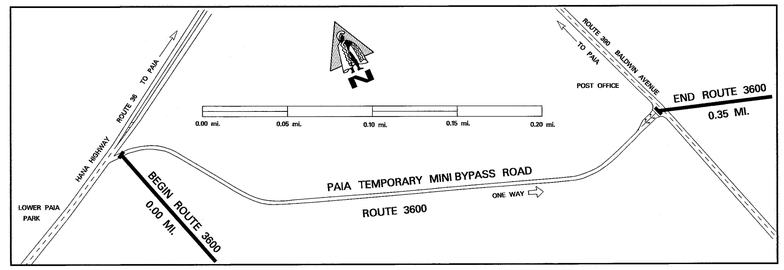
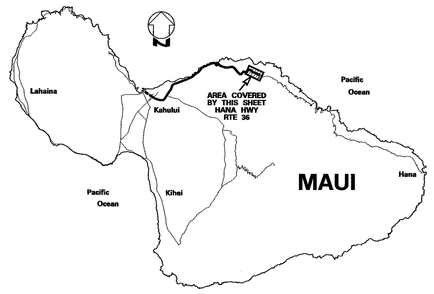




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	36C (5.21 MI)	END 36C SAME AS END ROUTE 36
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Concrete Girder HL-93, 2002 | 315'	
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance	15.48 | 44'	
Structure Over Road — Vertical Clearance		
Structure Over Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	80' – 135'	
Available Right of Way Width (Needs Study)	CUT SLOPES W/PASTURES & FARMS	
Right of Way Fence: Type – Right and Left		
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE	PRIVATE
Project No., Type of Construction, and Year Constructed	BR-036-1(14), 2002 Bridge Replacement (15.36 – 15.61)	
Project No., Type of Construction, and Year Constructed	STP-0900(39), 1996 RESURFACE	7+00



Road Diagram
* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET #3 16.00 mi.

HEAAULA PLACE PAVED ROAD — 15.08 mi. / 15.09 mi. / 15.01 mi. — 15 MP
HANA HWY
UAOA BRIDGE — 15.48 mi.
SOUTH HOLOKAI ROAD — North Holokai Rd — 15.86 mi. — 16 MP
HAUMANA ROAD — 16.04 mi.
16.12 mi.

END ROUTE 36 ON HANA HIGHWAY AT THE CENTERLINE INTERSECTION WITH KAUPAKULUA ROAD. SAME AS BEGINNING OF ROUTE 360. 16.23 mi.

0.00 MI. BEGIN ROUTE 3600 ON PAIA TEMPORARY BYPASS ROAD AT GATED EMTRANCE FROM HANA HIGHWAY.

DIRT ROAD — 0.12 mi.
OPEN WEEKDAYS FROM 3:30 PM TO 6:30 PM
ROUTE 3600 — PAIA TEMPORARY MINI BYPASS ROAD
ONE WAY

END ROUTE 3600 ON PAIA TEMPORARY BYPASS ROAD AT NORTHWEST EDGE OF PAVEMENT OF BALDWIN AVENUE. 0.35 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	4' – 6' AC	2' AC
Divided Highway — Undivided — Pavement: Width and Type	22' AC | 24' AC | 22' AC (15.36 / 15.61)	NOTE: PAVEMENT WIDTHS INCLUDE TURNING LANES FROM 0.33 MI. TO 0.35 MI. — 12' AC | 0.33 | 24' AC
Divided Highway — Undivided — Shoulder: Width and Type	4' – 6' AC	2' AC
Divided Highway — Median: Width and Type		
Divided Highway — Shoulder: Width and Type		
Divided Highway — Pavement: Width and Type		
Divided Highway — Shoulder: Width and Type		
Number of Traffic Lanes	2 – 11' | 2 – 12' | 2 – 11' (15.36 / 15.61)	1–12' | 0.33 | 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE	
(Right Side)	NONE	0.33
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE	
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)	(4' CONC. GUTTER) (2' CONC. GUTTER) 15.57 / 15.61 / 15.87 / 15.89 / 15.95 / 15.97 / 15.99	
Protective Devices: Type, Location and Number	METAL ON METAL (16.15)	METAL ON CONCRETE
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	SMALL URBAN (2)	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING	
Speed: 1–Design, 2–Posted	NOT POSTED 45 MPH (2)	NOT POSTED | 0.05 | 20 MPH (2) | 0.27 | 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)	B74 0036 01391 — 16.07	
HPMS Sections – AADT 2007	3,435	
HPMS Sections – AADT 2006	3,400 — 16.23	
HPMS Sections – AADT 2005	3,386	
DOD Sections		
Census Tracts		
Functional Classification	MINOR ARTERIAL (16)	
National Highway System (NHS)	NOT ON NHS (0)	
Previous Projects: Project No., Date and Limits		
	36C-01-87M 1987 RESURFACE — 16.09	
	F-32(2) 1957 — 16.05	
	F-32(2) 1946 — 137+21.46 → 0+00	

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Mar. 09	D.B.

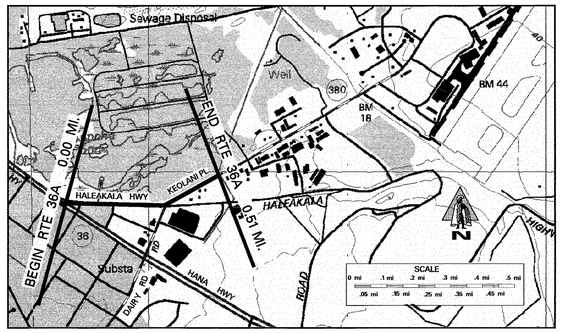
ROAD INVENTORY
MAUI RTE 36A
HALEAKALA HWY., KEOLANI PL.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.51 miles
a. Survey Length: 0.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description
Begin 36A-A on Haleakala Highway at the N.E. edge of pavement of Hana Hwy.
36A – A (0.32)
End 36A-A at centerline of Dairy Road

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies
0.32: 60′

Available Right of Way Width (Needs Study)
BUSHES | COMMERCIAL AREA

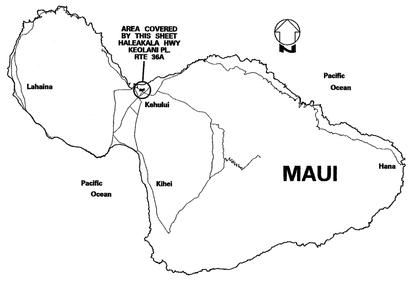
Right of Way Fence: Type – Right and Left
NONE

Control of Access: 1–None, 2–Partial, 3–Full
STATE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
(-)0+95 | 12+00

Project No., Type of Construction, and Year Constructed
0.05 HWY–M–01–05M, RESURF., 2006 0.30

Project No., Type of Construction, and Year Constructed
COUNTY 0.04 HWY–M–01–91M 1992 (RESURFACE) 0.34 HWY–M–01–76M 1976



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 36A ON HALEAKALA HIGHWAY ON THE NORTHEAST EDGE OF PAVEMENT OF HANA HIGHWAY (RTE 36) 0.00 mi.

SPUR 0.05 mi. | KOLOA ST 0.16 mi. | HALEAKALA HWY | END DIVIDED | DAIRY ROAD 0.32 mi. | KEOLANI PLACE 0.41 mi. | 0.48 mi.

HALEAKALA HIGHWAY

4+45

END ROUTE 36A ON KEOLANI PLACE AT THE KAHULUI AIRPORT BOUNDARY. (CENTERLINE OF CONCRETE DITCH) 0.51 mi.

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway – Undivided

Shoulder: Width and Type
0′ (0.04) | 6′ AC (0.10) | 6′ BP WITH CURB (0.23) | 10′ GRASS (0.25) | 6′ AC (0.32) | 10′ GRAVEL (0.48) | 25′ GRAVEL

Pavement: Width and Type
12′ BP | 12′ AC | 24′ AC | 12′ AC | 10′ AC (0.41) | 30′ AC

Shoulder: Width and Type
0′ | 6′ AC (0.06) | 10′ GRS | 0′ | 10′ GRASS

Median: Width and Type
VARIES GRASS W/CONC. CURB (0.05) | 0′ – 12′ PAINTED AC (0.08)

Shoulder: Width and Type
0′

Pavement: Width and Type
12′ BP (0.05) | 12′ AC (0.32) | 20′ AC

Shoulder: Width and Type
0′ | 12′ GRASS

Number of Traffic Lanes
2 – 12′ | 1 – 10′ | 2 – 10′ | 1–12′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
0.16 | 0.19 | 0.32

(Right Side)
0.08 | 0.16 | 0.20 | 1–10′ | 0.35

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)
0.17 | 6′ Concrete Sidewalk | 0.29

Curb and/or Gutter: Type (Right and Left)
Conc. Curb (0.05) | 0.07 | Concrete Curb and Gutter (0.29)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
F L A T

Speed: 1–Design, 2–Posted
30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
0.10 B74 036A 00000 | B74 036A 00032 0.45

HPMS Sections – AADT 2007
10,675 | 16,540

HPMS Sections – AADT 2006
10,568 | 16,372

HPMS Sections – AADT 2005
10,568 | 16,372 (0.51)

DOD Sections (0.32)

Census Tracts

Functional Classification
MINOR ARTERIAL (16)

National Highway System (NHS)
NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

0.32: HWY–M–01–76M 1976
COUNTY (0.39) NRS–17A 1933 AND 1934

SCALE: (In Miles) 20″ = 1 mile

0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released
Oct 2004 GN

Revised	
Sept. 04	D.B
Nov. 06	D.B

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

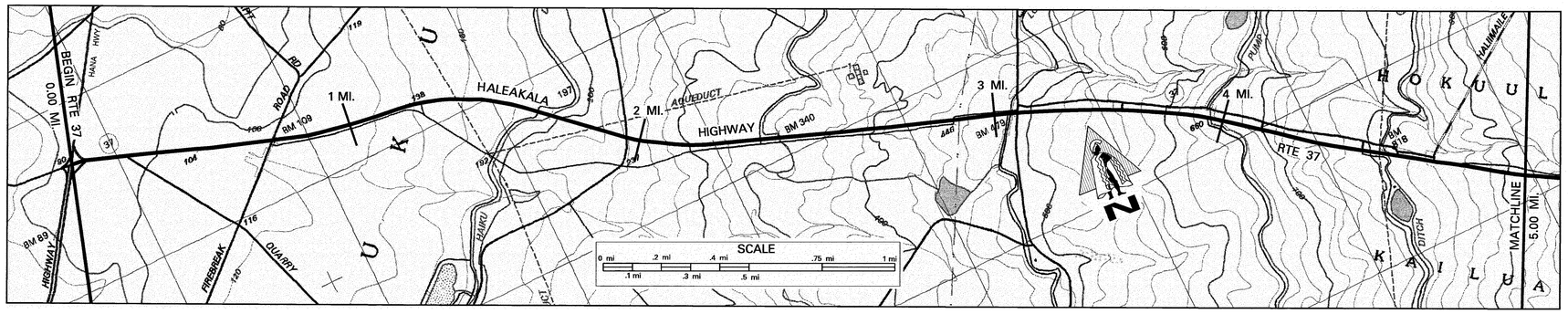
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 37B on Haleakala Highway at the centerline intersection with Hana Highway — 37B (4.76 MI) — End 37B – Begin 37C on Haleakala Hwy at the centerline with Halimaile Road 4.76

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CONCRETE CULVERT 35' 1973 HS–20

Vertical Clearance

Horizontal Clearance: 48'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 50' (0.74) | 60' (3.05) | 120' – 140' (4.78) | 140' – 200'

Available Right of Way Width (Needs Study): CLEAR 1000' – SUGAR CANE 30' FROM EDGE OF PAVEMENT

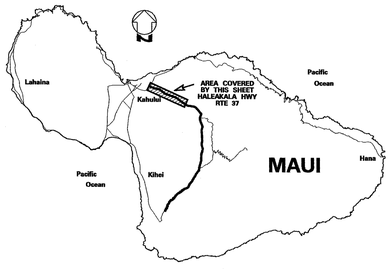
Right of Way Fence: Type – Right and Left: N O N E

Control of Access: 1–None, 2–Partial, 3–Full: S T A T E

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed: 0.03 0+95 — 47+00 0.90 HWY–M–01–06M, RESURFACING, 2007

Project No., Type of Construction, and Year Constructed: 0.04 NH–037–1(22), 2004, HALEAKALA HWY WIDENING 0.91 — 37D–01–90 (TRUCK CLIMBING LANE) 1991 — 4.78 37C–02–90, 1993 — NEW ALIGN.



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 37 ON HALEAKALA HIGHWAY AT THE SOUTHEAST EDGE OF PAVEMENT OF HANA HIGHWAY (RTE 36) 0.00 mi.

PAVED ROAD 0.00 mi. | CANE HAUL (Firebreak Rd) 0.19 mi. | 36+38 0.70 mi. | END DIVIDED ROAD 0.91 mi. | PAVED RD & T.C. 1.01 mi. | CULVERT 1.23 mi. | TRACTOR CROSS. 1.64 mi. | PAVED ROAD 1.86 mi. | CULVERT 2.03 mi. | PAVED ROAD 2.42 mi. | HALEAKALA HIGHWAY | ROAD 2.99 mi. | PAVED RD & T.C. 3.08 mi. | 500' ELEV. SIGN 3.23 mi. | TRACTOR CROSS. 3.27 mi. | LOWRIE BRIDGE 3.37 mi. | ECB 3.37 mi. | PAVED RD & T.C. 3.86 mi. | PAVED RD & T.C. 4.07 mi. | BEGIN DIVIDED CONCRETE BRIDGE 4.14 mi. | PAVED RD & T.C. 4.50 mi. | HALIMAILE ROAD 4.58 mi. | END DIVIDED 4.60 mi. | ECB 4.61 mi. | 4.76 mi. | 4.84 mi. | 4.99 mi.

MP 0 | 1 | 2 | 3 | 4

CONTINUES ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

Shoulder: Width and Type: 6' AC | 10' AC

Pavement: Width and Type: 0.05 12' AC | 24' AC | 36' AC | 12' AC | 36' AC

Shoulder: Width and Type: 0' | 0.14 4' AC | 6' AC | 0' | 10' AC

Divided Highway — Divided

Median: Width and Type: 4'–22' PAINTED AC | 16'–28 GRASS (0.70–0.91) | 16' GRASS FLUSH (0.86–0.91) (0–16' PAINTED AC) | 4.69 12' PAINTED AC 4.87

Shoulder: Width and Type: 0' | 4' AC | 0' | 24' AC

Pavement: Width and Type: 0.05 12' AC | 24' AC | 6' AC | 24' AC

Shoulder: Width and Type: 0.05 | 10' AC

Number of Traffic Lanes: 2–12' | 4–12' | 1–12' | 1–12', 1–12' TRUCK CLIMBING LANE

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–12' AC | 0.00 0.08 | 0.19 0.28 (1–12' (L) TL) | 0.70 0.85 | 4.66 14' 12' 4.87 | 4.67 8' 4.75

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number (M/C = metal rails on concrete post): 1.65 1.73 1.76 M/C M/C | 2.42 2.43 2.52 2.55 M/C M/C | 3.20 3.24 3.30 M/C M/C | 4.52 4.56 4.62 M/C M/C

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.21 0.32 | 1.60 –2 1.90 | 2.32 –2 3.20 | 4.12 –4 4.24

Vertical Curve: Crest or Sag, Curve Limits (CONTRA FLOW, EVES, 3:30 – 6:00 PM) → TRAFFIC FLOW → (zoning begins here) | (CONTRA FLOW, MORN., 5:30 – 8:30 AM) ← TRAFFIC FLOW

Area and Development: SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: F L A T

Speed: 1–Design, 2–Posted: 55 MPH (2) | 4.68 4.76 55 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.70 3 PHASE

Traffic Stations (Current Year): (B74 0037 00000) 0.12 0.19 — B74 0037 00019 — 4.58 B74 0037 00476

HPMS Sections – AADT 2007: 30,919 0.89 | 30,300 | 27,375

HPMS Sections – AADT 2006: 33,000 | 30,000 | 27,100

HPMS Sections – AADT 2005: 32,713 0.19 | 29,691 | 26,827 4.76

DOD Sections: DOD 710

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (14)

National Highway System (NHS): ON NHS (1)

Previous Projects: Project No., Date and Limits: 37D–01–90 (TRUCK CLIMBING LANE) 1991

36A–01–82 1983 (INTER IMPROV) 0.05 0.10 — 37CD–01–80M 1980 (RESURFACE) 0.89 — FAP E–5E 1933 0.85 — FAP E–5E 1932 0.08 0.70 — F–037–1(7) 1972 4.92 4.94

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

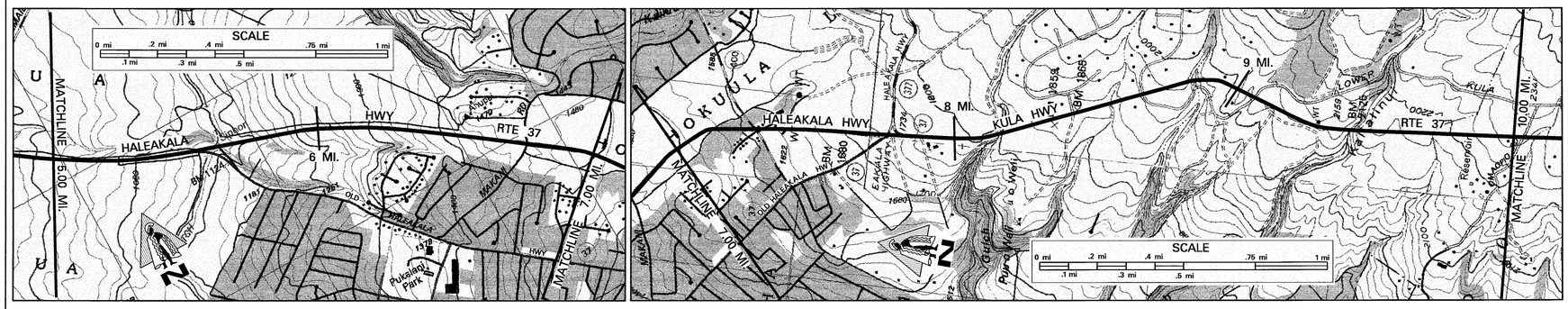
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

37C (9.25 MI)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — CULVERT (2–10') 1964 HS–20 40' @ 8.07; PRESTRESSED BEAM 1964 HS–20 324' @ 9.40

Vertical Clearance — 24' @ 8.07; 28' @ 9.40

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 140' – 200' (5.10–7.91); 90' – 270' (7.91–9.88)

Available Right of Way (Needs Study) — PASTURE AND RANCH LANDS

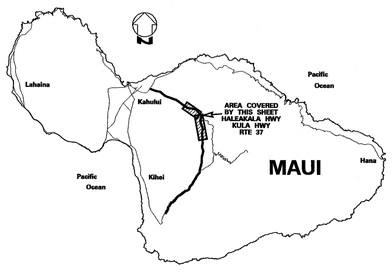
Right of Way Fence: Type – Right and Left — ALL WIRE ON WOOD (8.56–8.68; 8.88–9.02; 9.07–9.41)

Control of Access: 1–None, 2–Partial, 3–Full — NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — STATE

Project No., Type of Construction, and Year Constructed — 37C–02–90, 1993, NEW ALIGNMENT (40+70 to 52+70; 5.62–5.74); (HWY–M–01–06M, RESURF., 2007) (5.74–5.86); 37C–01–92 1993 NEW ALIGNMENT (PHASE II) (STP–037–1(23), INTERSECTION IMPR., 2007) (5.90–6.98; 92+00 to 116+50); (HWY–M–01–06M, RESURF., 2007) (7.78–8.08; 159+80 to 326+00); 37CD–01–02M, REPAIR & MAINT., 2004 (8.08–8.64); STP–037–1(18) RESURFACE 1994 (7.91–8.04); STP–037–1(21) RESURFACE 1999 (8.04–9.88)

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 1 — 5.00 mi.

PAVED ROAD — 5.03 mi.
BEGIN DIVIDED — 5.29 mi.
OFF RAMP to old Hwy — 5.50 mi.
ON RAMP from old Haleakala Hwy — 5.56 mi.
END DIVIDED — 5.64 mi.
PAVED ROAD & T.C. — 5.85 mi.
HALEAKALA HIGHWAY — 6 MP
BEGIN DIVIDED ROAD — 6.04 mi.
MAKANI ROAD — 6.50 mi.
END DIVIDED — 6.54 mi.
BEGIN DIVIDED PAVED ROAD — 6.79 mi.
MAKAWAO AVE (RTE 365) — 6.86 mi.
HIGHWAY — 7 MP
END DIVIDED Road to WATER TANK — 7.08 mi.
BEGIN DIVIDED — 7.23 mi.
HALEAKALA HWY (RTE 377) — 7.43 mi.
TO KULA ROAD — 7.47 mi.
OLD HALEAKALA HWY — 7.59 mi.
Kula Jct. — 7.61 mi.
KULA — 7.76 mi.
KING KEKAULIKE HIGH SCHOOL — 8.00 mi.
ECB — 8.11 mi.
A'APUEO STREET HAAKAKAI BRIDGE — 8.17 mi.
HIGHWAY — 8 MP
END DIVIDED — 8.27 mi.
OHANA STREET — 8.37 mi.
HOOPALUA DRIVE — 8.67 mi.
NOHOLOA STREET — 8.93 mi.
OLD LOWER KULA ROAD — 9.06 mi.
ECB — 9.17 mi.
PAVED ROAD — 9.26 mi.
KALIALINUI BRIDGE — 9.28 mi.
PAVED ROAD — 9.40 mi.
DRIVEWAYS — 9.56 mi.
9.86 mi.

CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — 10' AC
Pavement: Width and Type — 36' AC | 12' AC | 36' AC | 12' AC | 24' AC | 12' AC | 24' AC
Shoulder: Width and Type — 10' AC | 0' | 10' AC | 0' | 8' AC | 0' | 10' AC

Divided Highway

Median: Width and Type — 8' PAINT AC (5.64–5.85); 12' PAINT AC (5.85–6.54); 12' PAINT AC (6.54–6.92); 12' PAINT AC (6.99–7.47); 12' PAINT AC (7.59–8.37)
Shoulder: Width and Type — 0' | 0' | 0' | 0' | 0'
Pavement: Width and Type — 24' AC | 24' AC | 24' AC | 12' AC
Shoulder: Width and Type — 10' AC | 10' AC | 10' AC | 10' AC | 10' AC (7.78) 6' AC

Number of Traffic Lanes — 1 – 12' (1–12' AND 1–12' TRUCK CLIMBING LANE) | 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 12' (6.72–6.84; 7.22–7.34; 7.78–7.88)

(Right Side) — 12' (6.59–6.72; 7.13–7.22; 7.70–7.78)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — ALL GUTTERS 2' AC

Protective Devices: Type, Location and Number — M/M (5.86–5.89); M/M (7.42–7.44); M/M (7.71–7.78); M/M (8.16–8.19); M/C (8.42–8.54; 8.85–8.98; 9.06–9.11; 9.21–9.32; 9.30–9.35; 9.98)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative — 8.16 –4 8.33; 8.58 –3 8.79; 9.02 –5 9.16; 9.46 –3 9.93

Vertical Curve: ~~Crest or Sag, Curve Limits~~ — CONTRA FLOW LANES

CONTRA FLOW 5:30 – 8:30 AM ← TRAFFIC (5.64)

Area and Development: — SMALL URBAN (2) | RURAL (1) (9.40)

Terrain: ~~1–Flat, 2–Rolling, 3–Mountainous~~ — FLAT (5.05) → ROLLING (5.05–8.23)

Speed: 1–Design, 2–Posted — 45 MPH (2) (6.79); 35 MPH (2) (7.47); 35 MPH (1) (8.04); 45 MPH (2) (8.27)

Intersection Control Devices: Type, Location and Cycle Timing — 3 PHASE (6.79); 3 PHASE (7.23); 3 PHASE (7.76)

Traffic Stations (Current Year) — B74 0037 00476 (5.41); B74 0037 00564 (6.86); B74 0037 00776 (9.11); B74 0037 00940 (9.84)

HPMS Sections – AADT 2007 — 27,375 | 13,130 | 27,170 | 12,325

HPMS Sections – AADT 2006 — 27,100 | 13,000 | 26,900 | 12,200

HPMS Sections – AADT 2005 — 26,827 | 12,841 | 26,650 | 12,079

DOD Sections — 5.64–7.15: DOD 705; 7.52–7.76: DOD 700

Census Tracts

Functional Classification — PRINCIPAL ARTERIAL (14) | MAJOR COLLECTOR (7) (9.40)

National Highway System (NHS) — ON NHS (1) | NOT ON NHS (0) (7.78)

Previous Projects: Project No., Date and Limits — 37C–02–90 1993 (NEW ALIGNMENT); 37C–01–81M 1981 (RESURFACE); 37C–01–91 1992 RIGHT TURN LANE (6.43–6.54); WDRC 14(1) 1948; 37C–01–97, 1998 (6.65–6.73); 37C–02–82 INTER. IMPROV, (6.70–7.54); FAP 5B 1929 (7.18–7.48); RF–037–1(14) 1970; 37CD–01–02M, REPAIR & MAINT., 2004 (7.78–2.80); 37CD–01–80M 1980 RESURFACE (7.57–9.05); STP–037–1(19) 1996 (6" SHLDR & GUARD RAILS) (9.04); 37C–01–88M 1988 RESURFACE; BF–037–1(1) 1962

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Feb., 08	D.B.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY. & KULA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

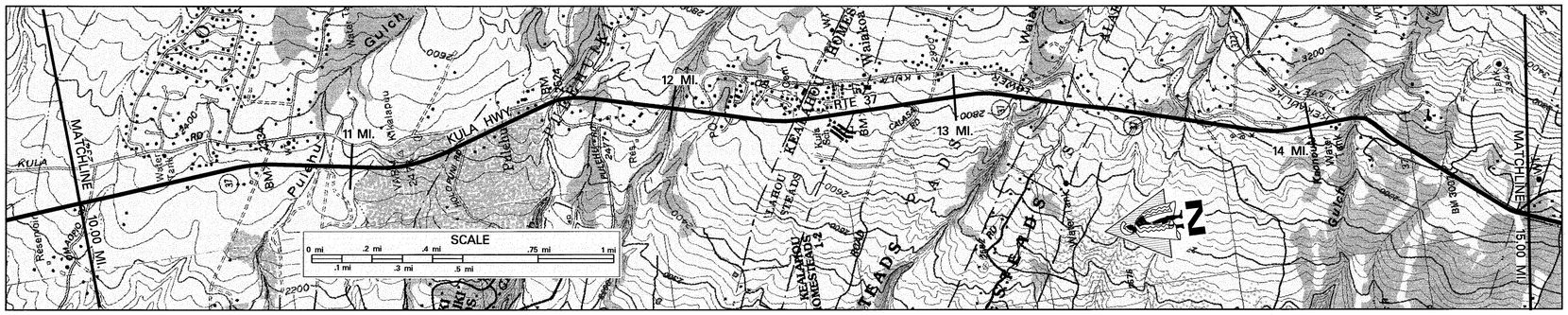
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

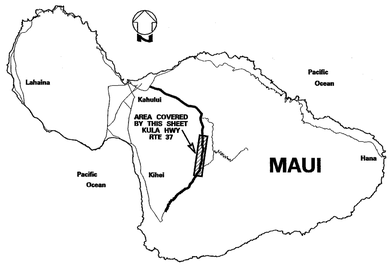
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		37C (9.25 MI) — END 37C – BEG. 37D ON KULA HWY AT THE CENTERLINE OF KEKAULIKE AVE (14.25)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRESTRESSED BEAM 1964, HS-20 164' (10.48); RC DECK GIRDER 1933, H-15 75' (14.33)
Structure Carrying Road	Vertical Clearance	
Structure Carrying Road	Horizontal Clearance	28' (10.48); 24' (14.33)
Structure Over Road	Vertical Clearance	
Structure Over Road	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		90' – 270' (10.48–14.33); 60' (14.33–14.97)
Available Right of Way Width (Needs Study)		
Right of Way Fence: Type – Right and Left	All fences: Wire on Wood (unless indicated)	PASTURE AND RANCH LANDS (10.48–11.99, 12.18–12.46, 13.19–13.36, 13.50–13.80, 14.17–14.35); RESIDENTIAL (11.99–12.18, 12.46–12.76, 13.36–13.39, 13.80–13.90, 13.90–14.17, 14.35–14.97)
Control of Access: 1–None, 2–Partial, 3–Full		NONE (10.48–14.33); 1 (14.33–14.97)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE
Project No., Type of Construction, and Year Constructed		37CD-01-02M, REPAIR & MAINT., 2004
Project No., Type of Construction, and Year Constructed		STP-037-1(21) RESURFACE 1999 (10.48–14.33); STP-037-1(18) WIDEN & RESURFACE 1994 (14.33–14.97)



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi.

OMAOPIO ROAD 10.03 mi.; KEONI PLACE 10.12 mi.; BEGIN DIVIDED 10.20 mi.; ROAD TO ENCHANTING GARDENS 10.25 mi.; END DIVIDED 10.33 mi.; NAELE ROAD 10.45 mi.; PAVED ROAD 10.63 mi.; KULA HIGHWAY; HOLOPUNI ROAD ECB 10.85 mi.; 11 MP; KE STREET 11.31 mi.; LOWER KULA ROAD 11.45 mi.; KAMEHAMEIKI ROAD 11.65 mi.; KEAHUAIWI BRIDGE 11.78 mi.; LOWER KULA ROAD 12.02 mi.; POST OFFICE ROAD 12.17 mi.; 12 MP; KULA ELEM. SCHOOL 12.29 mi.; KULA ELEM. SCHOOL 12.58 mi.; CALASA ROAD 12.68 mi.; COPP ROAD 12.85 mi.; NAALAE ROAD 12.95 mi.; 13 MP; HIGHWAY; CULVERT 13.30 mi.; CULVERT 13.39 mi.; CULVERT 13.76 mi.; LOWER KULA ROAD 13.88 mi.; KEKAULIKE AVE (Route 377) 13.99 mi.; 14 MP; KAIPOIOI BRIDGE 14.10 mi.; CULVERT 14.25 mi.; POLIPOLI ROAD 14.33 mi.; 14.30 mi.; 14.65 mi.; 14.97 mi.

CONTINUES ON SHEET #4

15.00 mi.

Divided Highway, Undivided	Shoulder: Width and Type	6' AC (10.48–14.33); 2' – 6' AC (14.33–14.97)
Divided Highway, Undivided	Pavement: Width and Type	24' AC (10.03–10.20); 12' AC (10.20–10.33); 24' AC (10.33–14.33); 22' AC (14.33–14.97)
Divided Highway, Undivided	Shoulder: Width and Type	6' AC (10.03–10.20); 0 (10.20–10.33); 6' AC (10.33–14.33); 2' – 6' AC (14.33–14.97)
Divided Highway	Median: Width and Type	12' PAINT (10.20–10.48)
Divided Highway	Shoulder: Width and Type	0 (10.20–10.48)
Divided Highway	Pavement: Width and Type	12' AC (10.20–10.48)
Divided Highway	Shoulder: Width and Type	6' AC (10.20–10.48)
Number of Traffic Lanes		2 – 12' (10.48–14.33); 2 – 11' (14.33–14.97)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		10.27–10.40
(Right Side)		10.27–10.33
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		10.03–10.16; 10.32–10.48; 10.54–11.08; 11.19–11.49; 11.57–12.30; CONC. GUTTER 12.41–12.57; 12.86–12.92; 13.00–13.68; 13.82–14.27; 14.39–14.51; 14.53–14.64; 14.67–14.99
Curb and/or Gutter: Type (Right and Left)	ALL GUTTERS 2' AC	
Protective Devices: Type, Location and Number	METAL ON METAL / METAL ON CONCRETE	10.60–10.85; M/C 10.95–11.31; 12.40–12.61; M/C 12.73–13.44; 13.63–13.87; 14.32–14.57; 14.65–14.70; 14.85–14.99
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		10.16 0; 10.48 10.70 –2; 10.98 11.28 –5; 11.48 12.15 –5; 12.32 12.48 –5; 12.77 13.23 –4; 13.36 13.36 –3; 13.59 14.57 +4; 14.73 14.78 –1; 14.90
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		RURAL (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		ROLLING
Speed: 1–Design, 2–Posted		45 MPH (2); 20 MPH (2) 12.54–12.79; 45 MPH (2); 35 MPH (2) 14.32–14.97
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		(B74 0037 00940); B74 0037 01003 12.28; B74 0037 01268 13.84; B47 0037 01425 14.88; (B47 0037 01497)
HPMS Sections – AADT 2007		(12,325); 7,375; 5,255; 5,155; (2,630)
HPMS Sections – AADT 2006		(12,200); 7,300; 5,200; 5,100; (2,600)
HPMS Sections – AADT 2005		(12,079); 7,210; 5,188; 5,070; (2,570)
DOD Sections		10.03–12.88; 14.25–14.97
Census Tracts		
Functional Classification		MAJOR COLLECTOR (7)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		STP-037-1(19) 1996 GUARDRAIL & SHOULDER; 37C-01-88M 1988 RESURFACE; BF-037-1(1) 1962; 37D-01-75 1978 WIDEN & RESURFACE (14.33–14.97); FAP 13A 1932 (14.31–14.97)

Date Released	
Oct 2004	GN
Revised	
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

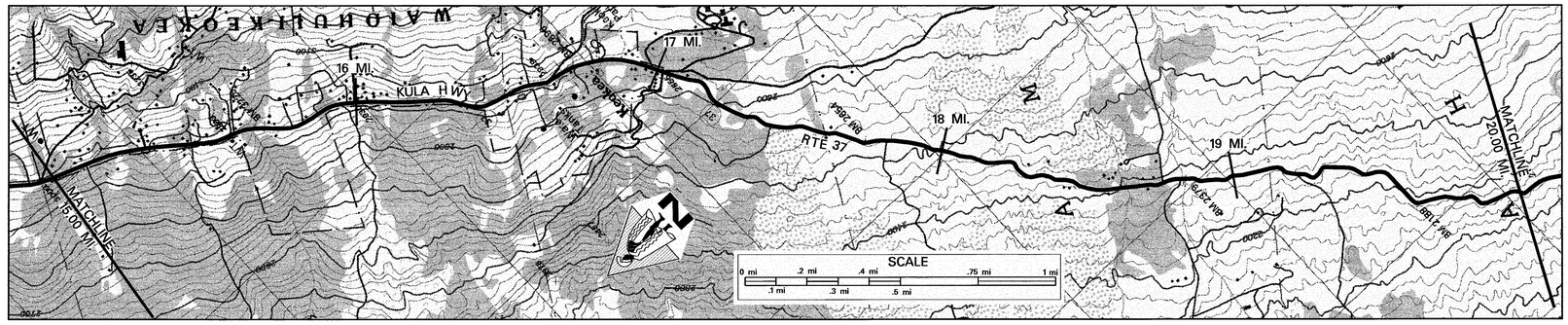
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 21.39 miles
a. Survey Length: 21.39 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

37D (2.77 MI) — End 37D on Kula Hwy. at the centerline intersection w/ Kula Sanitorium Road (17.03)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
RC DECK GIRDER, 1933, H-15: 23' | 25'

Vertical Clearance

Horizontal Clearance
22' | 22'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
60'

Available Right of Way Width (Needs Study)
RESIDENTIAL (15.98, 16.26, 16.52) | BRUSH AND PASTURE LAND (17.78, 17.87)

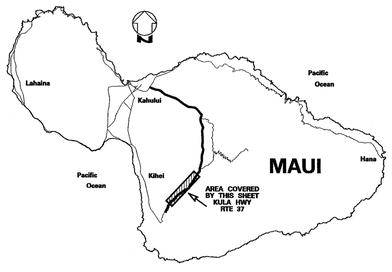
Right of Way Fence: Type – Right and Left (All fences: Wire on Wood unless indicated)
STONEWALL (17.03 – 17.80) | WIRE / WOOD AND STONEWALL (17.80 – 18.52)

Control of Access: 1–None, 2–Partial, 3–Full
16.48 | 18.52 | 18.60 | 18.67 | 18.78

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
STATE

Project No., Type of Construction, and Year Constructed
37CD-01-02M, REPAIR AND MAINTENANCE, 2004 (17.29)

Project No., Type of Construction, and Year Constructed
STP-037-1(18) WIDEN & RESURFACE 1994 | 37E-01-93M WIDEN & RESURFACE 1994 (17.03)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3 — 15.00 mi.

PUEO DRIVE CULVERT (15.06 mi.) | PAVED ROAD LEPELEPE PLACE (15.10 mi.) | WAIOHULI "A" BR. (15.21 mi.) | CULVERT (15.28 mi.) | MALAMAHALE ROAD (15.37 mi.) | WAIOHULI "B" BR. (15.45 mi.) | MAUKANANI ROAD (15.60 mi.) | CULVERT (15.71 mi.) | KULA HIGHWAY | CROSS ROAD (16.00 mi.) | PAVED ROAD TO PARK (16.12 mi.) | THOMPSON ROAD (ROAD TO KULA SANITORIUM) (16.31 mi.) | CULVERT (16.67 mi.) | KEALAKAPU ROAD (DOCTOR SUN YAT SEN MEMORIAL PARK) (16.84 mi.)

16 MP | 17 MP | 18 MP

CONTINUES ON SHEET # 5 — 20.00 mi.

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Divided Highway – Undivided

Shoulder: Width and Type
2' – 6' AC | 2' AC

Pavement: Width and Type
22' AC | 18' AC

Shoulder: Width and Type
2' – 6' AC | 2' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes
2 – 11' | 2 – 9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) (ALL GUTTERS 2' AC)

Protective Devices: Type, Location and Number (ALL GUARDRAILS METAL ON METAL)

Illumination: Type, Location and Number
INCANDESCENT

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
16.11 | – 1 | 16.29

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
RURAL (1) | SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
ROLLING

Speed: 1–Design, 2–Posted
35 MPH (2) | NOT POSTED (16.79)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
B74 0037 01497 (16.91) | B74 0037 01703 (17.95)

HPMS Sections – AADT 2007
2,630 | 1,415

HPMS Sections – AADT 2006
2,600 | 1,400

HPMS Sections – AADT 2005
2,570 | 1,400

DOD Sections

Census Tracts

Functional Classification
MINOR COLLECTOR (7) | COLLECTOR (17)

National Highway System (NHS)
NOT ON NHS (0)

Previous Projects: Project No., Date and Limits
37D-01-75 1978 (WIDEN AND RESURFACE)
FAP 13A, 1932 (16.86) | FAP E-13A 1932 (17.01) | COUNTY

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

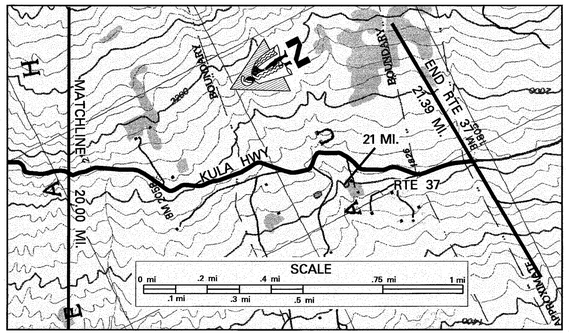
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 60'

Available Right of Way Width (Needs Study): BRUSH AND PASTURE LAND

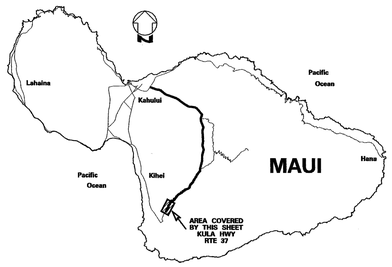
Right of Way Fence: Type – Right and Left: WIRE ON WOOD (20.98) / WIRE ON WOOD

Control of Access: 1–None, 2–Partial, 3–Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: 37E-01-93M RESURFACE

Project No., Type of Construction, and Year Constructed: 1994



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #4 — 20.00 mi.

KULA HIGHWAY

ECB — 20.94 mi.

DRIVEWAY — 21.20 mi.

END ROUTE 37 ON KULA HIGHWAY @ THE CENTERLINE OF MAKENA ROAD — 21.39 mi.

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Divided Highway – Undivided

Shoulder: Width and Type: 2' AC

Pavement: Width and Type: 18' AC

Shoulder: Width and Type: 2' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2 – 9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING

Speed: 1–Design, 2–Posted: NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0037 01703

HPMS Sections – AADT 2007: 1,415

HPMS Sections – AADT 2006: 1,400 (21.39)

HPMS Sections – AADT 2005: 1,400

DOD Sections

Census Tracts

Functional Classification: COLLECTOR (17)

National Highway System (NHS): NOT ON NHS (0)

Previous Projects: Project No., Date and Limits: COUNTY

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.
April, 09 D.B.

ROAD INVENTORY

MAUI RTE 310
NORTH KIHEI ROAD, PIILANI HWY

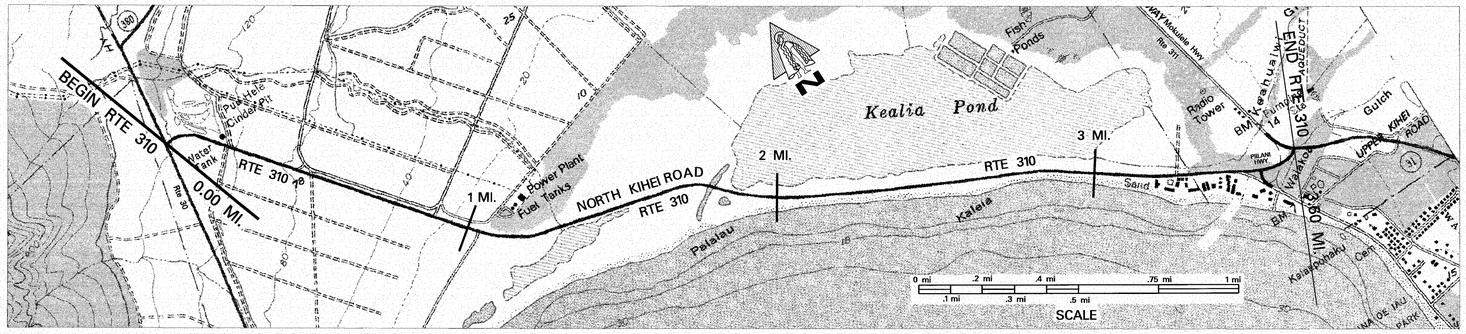
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 3.60 MILES (a+b)
a. Existing Length: 3.60 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 3.60 MILES (a+b, less c)
a. Existing Length: 3.60 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.10 Begin 310A on North Kihei Road @ End Divided Hwy — 310A (0.78mi.) — 0.88 End 310A, 0.88 Miles from Begin Rte 310 — None for County — 3.34 — 3.60

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 200' | 0.08 130' | 0.16 60' | 0.87 40' | 3.31 110' – 160' | 3.41 160' – 340'

Available Right of Way Width (Needs Study): 1000' Clear, Cane Field 30' from Pavement | 1.02 Ranch & Pasture (L), Beach (R) | 3.34 Rersort Area

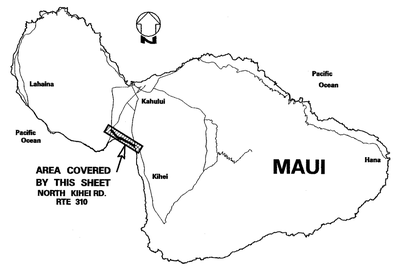
Right of Way Fence: Type – Right and Left: 1.08 Wire 1.34 | 1.32 Wire 2.04 | 2.89 Wire

Control of Access: 1–None, 2–Partial, 3–Full

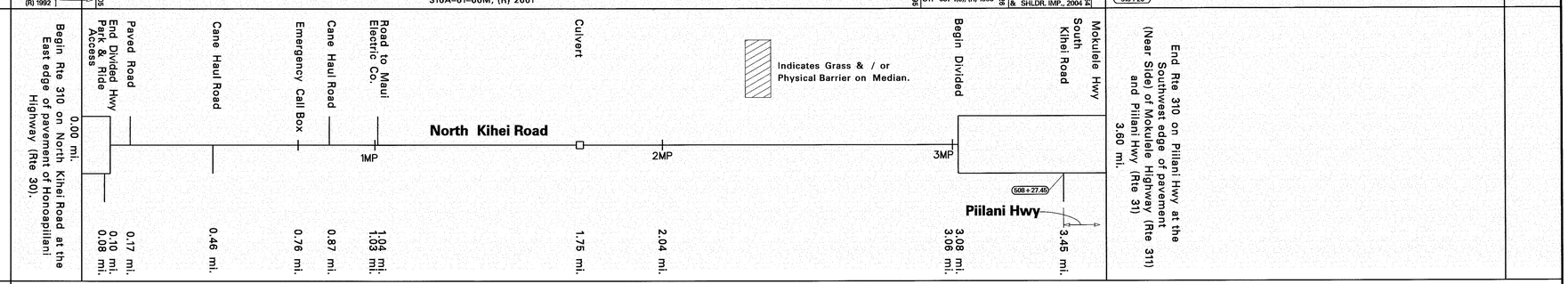
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0.15 STATE

Project No., Type of Construction, and Year Constructed: [BR-NH-030-1(24) New Alignment, 2002] | 501+95 498+64 3.31 NH-A3111(4) WIDEN, 2008 | 515+95 3.60

Project No., Type of Construction, and Year Constructed: [310A-01-91M (R) 1992] 0.05 310A–01–00M, (R) 2001 | 2.95 STP-031-1(8), (R) 1996 | 3.26 & 3.34 STP-0900(58),G.R. & SHLDR. IMP., 2004 | 513+20



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 10' AC

Pavement: Width and Type: (42' AC) | 0.03 36' AC | 0.15 24' AC | 6' AC | 22' AC | 3.31 10' AC | 12' AC | 6' AC | 3.34 24' AC

Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

Shoulder: Width and Type: 0.03 0 | 0.15 10' AC | 6' AC | 0'

Median: Width and Type: 0'–10' Painted AC | 0.10 | 3.08 0'–12' Painted AC | 3.45 12'–24' Painted AC

Shoulder: Width and Type: 0.03 0

Pavement: Width and Type: (16' AC) | 0.08 24' AC | (12' AC) | 12' AC | 3.46 24' AC | 12' AC

Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10

Shoulder: Width and Type: 0.08 10' AC | 0.15 | 10' AC | 3.34 3.38 6' AC | 3.52

Number of Traffic Lanes: (3–14') (1–16') 3–12' 1–12' | (2–12') | 2–11' | 2–12' | 2–12' 3.45 2–12' 1–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–14' (R) TL, 2–14' (L) TL | 1–12' (R) TL, 2–12' (L) TL | All 12' Turning Lanes

(Right Side): 1–12' (R) TL | 0.03 0.08 | Two–Way (L) Turning Lanes | 3.52 | All 12' Turning Lanes

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 3.85 3.94 3.95 3.96 3.97 3.98 2–12' TL | 1–12' TL

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 3.15 4 M.V. 3.41 9 HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –3 | 0.83 | 1.29 0 | 1.64 | 2.00 –1 | 2.25 | 2.38 0 | 2.76

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Speed: 1–Design, 2–Posted: 45 MPH (2) | 3.02 3.10 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.00 3 Phase | 3.10 3 Phase | 3.45 3.60 4 Phase

Traffic Stations (Current Year): 0.76 B74 0310 00000 | 2.04 B74 0310 00175 | 3.10 B74 0310 00310 3.25

HPMS Sections – AADT 2007: 18,685 | 12,325 | 18,285

HPMS Sections – AADT 2006: 18,500 | 12,200 | 18,100

HPMS Sections – AADT 2005: 18,332 | 1.75 12,060 | 3.10 17,923

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (16)

National Highway System (NHS): Not On NHS (0)

Previous Projects: Project No., Date and Limits:

310A–01–91M (R), 1992
HWY–M–02–76M (R) 1976
WDRC 14(1) 1948

2.85 STP–031–1(8), (R) 1996 | 3.32 [TQF–RF–031–1(6), 1981 (New Construction)] | 3.54 3.60

County

SCALE: (In Miles) 4" = 1 mile

Date Released
July 2002, DB

Revised	
Aug. 04	D.B.
Nov., 06	D.B.
Mar., 08	D.B.
Jan., 09	D.B.

ROAD INVENTORY

MAUI RTE 311

PUUNENE AVENUE, MOKULELE HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

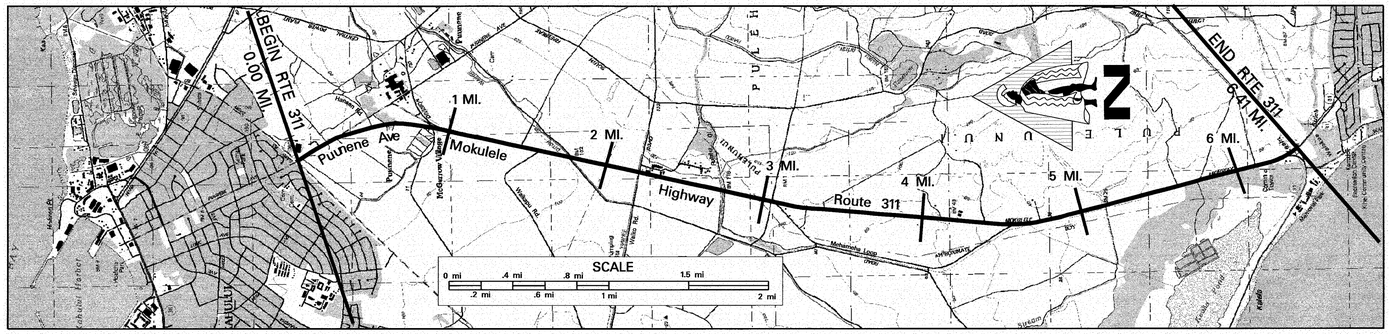
Total Route Length: 6.41 miles

a. Survey Length: 6.41 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

10 CELL, CONC. BOX CULVERT | 3 Cell Conc. Box Culvert 2008 | 8 Cell Conc. Box Culvert | 3 Cell Conc. Box Culvert | 9 Cell Conc. Box Culvert 2008

134'–3" | 113'(Headwall Length) | 38' | 107' | 30' | 118'

Vertical Clearance: 2.76 | 5.69 | 5.16 | 5.69 | 6.37

Horizontal Clearance: 106'–8" | 106'–8" | 106' | 106' | 141'–10"

Structure Over Road

Vertical Clearance

Horizontal Clearance: 192'(Headwall Length)

Right of Way Width (min.–max.) if varies: 200' – 218' | 240' | (240'–400')

Available Right of Way Width (Needs Study)

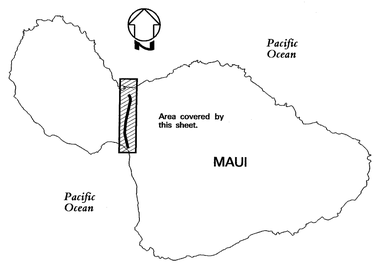
Right of Way Fence: Type – Right and Left: Chain Link | Chain Link | Chain Link

Control of Access: 1–None, 2–Partial, 3–Full: None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: NH–A311(6), Widen, 2008

Project No., Type of Construction, and Year Constructed: NH–A311(3), Widening, 2003 | NH–0311(5), WIDENING, 2005 | 311A–01–93M, Resurf., 1993 | NH–311–(7), WIDENING, 2006 | (NH–A311(4), Widen, 2008) | (311A–01–93M, Resurf., 1993)



Road Diagram

* MP = Milepost Signage

Begin Rte 311 on Puunene Ave. at the Southeast edge of pavement of Kuihelani Highway (Rte 380).

0.00 mi.

Hoʻokele St. Driveway to Acc. to Hoʻokele St. | Hansen Road | Cane Haul Rd. & T.C. | Cane Haul Rd. | Cane Haul Rd. | MAUI BASEYARD ROAD (R) | Waiko Road (L) | Pulehu Box Culvert | Beg. Grass Median | Kamaaina Rd. (L) Mahamaha Loop (Alternate Rte.) (R) | MOKULELE HWY | End Grass Median | Beg. Grass Median Mahamaha Loop (R) Road to Maui Raceway Park (L) | Culvert | Service Road Kolokoa Gulch | End Grass Median Keolia Pond Road Culvert (R) | Beg. Grass Median | Keahuolaʻi Gulch Bridge | Beg. Grass Median

End Route 311 on Mokulele Hwy. at the Connection with Piilani Hwy. (Rte 31 & 310)

6.41 mi.

PUUNENE AVENUE — MOKULELE HWY

Indicates Grass & / or Physical Barrier on Median.

Centerline Culvert | Centerline Culvert | Centerline Culvert

Divided Highway — Undivided

Shoulder: Width and Type: 8' AC | 8' AC

Pavement: Width and Type: 24' AC | 24' AC

Shoulder: Width and Type: 4' AC | 4' AC

Median: Width and Type: 16' Grass | 12' Paint AC | 16' Grass | 12' Painted AC | 16' Grass Flush | 12'–24' Painted AC | 16' Grass Flush | 24' Painted AC | (10'–25' Grass Flush)

Shoulder: Width and Type: 4' AC | 4' AC

Pavement: Width and Type: 24' AC | 24' AC

Shoulder: Width and Type: 8' AC | 8' AC

Number of Traffic Lanes: 4–12' | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All Turning Lanes 12')

(Right Side) (All Turning Lanes 12')

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 10' AC Bike Route (12' AC Bike Route) | 10' AC Shared–Use Path

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number: Metal on Metal | Metal on Metal

Illumination: Type, Location and Number: 11 HPS | 3 MV | (6 HPS)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat

Speed: 1–Design, 2–Posted: 30 MPH (2) | 45 MPH (2) | (40 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing: 4 Phase | 2 Phase | 4 Phase | 3 Phase | 3 Phase | 3 Phase | 4 Phase | 4 Phase

Traffic Stations (Current Year): B74 0311 00000 | B74 0311 00067 | B74 0311 00230 | B74 0311 00336 | B74 0311 00584 | (B74 0311 00626)

HPMS Sections – AADT 2007: 17,170 | 28,685 | 28,890 | 28,685 | (28,685)

HPMS Sections – AADT 2006: 17,000 | 28,400 | 28,600 | 28,400 | (28,400)

HPMS Sections – AADT 2005: 16,807 | 28,110 | 28,324 | 28,110 | (28,110)

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (14)

National Highway System (NHS): Not on NHS (0) | On NHS (1)

Previous Projects: Project No., Date and Limits

NH–A311(3), Widening, 2003 | 311A–01–93M, Resurf., 1993

311A–02–93 Imprv. 1994 | RS–0311(1), Resurf., 1986 | 311A–01–93M, Resurf., 1993 | SOS–0900(21), 1984 Safety Imprv.

County

SCALE: (In Miles) 2" = 1 mile

Date Released
Feb 2004, D.B.

Revised	
May 04	D.B.
Sept 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.
Mar. 09	D.B.

ROAD INVENTORY

MAUI RTE 340
KAHEKILI HIGHWAY

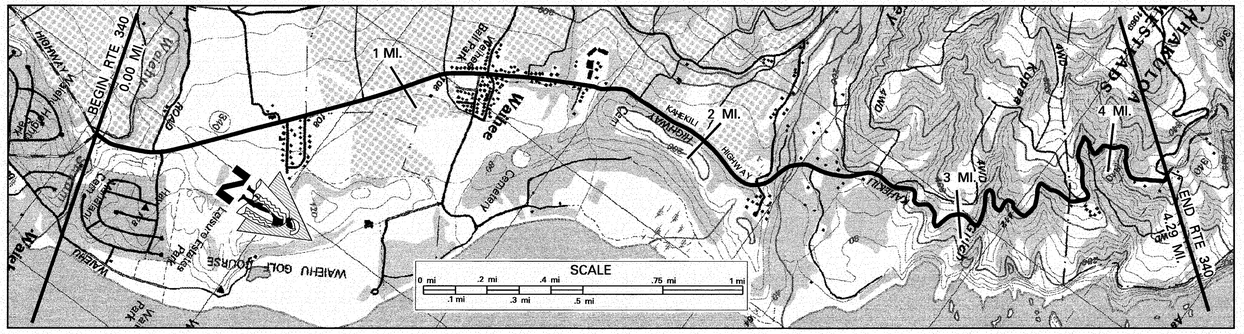
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

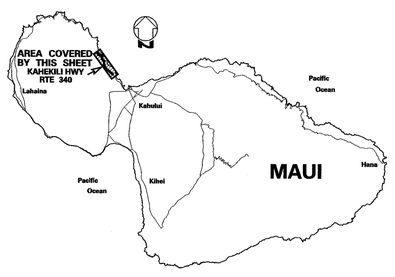
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 4.29 miles
a. Survey Length: 4.29 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*





Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 340 C on Kahekili Hwy 350' South of centerline intersection with Waiehu Beach Rd. | 340 C (2.49 MI) | 2.42 End 340 C 320' North of North end of Waihee Bridge #2

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CULVERT 1967 HS20 34' (0.00–0.25); PRESTRESSED BEAM 1967 HS20 245' (2.00–2.42)
- Vertical Clearance
- Horizontal Clearance: 24' (0.00–0.25); 28' (2.00–2.42)

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 70' – 240' (0.00–2.00); 80' – 200' (2.00–2.42); 40' (2.42–4.29)
Available Right of Way Width (Needs Study): CLEAR 1000' SUGAR, 25' FROM PAVEMENT (0.00–1.33); RES. AREA (1.33–1.82); HEAVY BRUSH AND TREES / PASTURE BEYOND (1.82–4.29)
Right of Way Fence: Type – Right and Left: CHAINLINK 10' FROM PAVEMENT (1.14–1.22)
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (0+00 to 226+50)
Project No., Type of Construction, and Year Constructed: 340D–01–05M, RESURF., 2007 (0.00–4.29)
Project No., Type of Construction, and Year Constructed: (3400B–01–97M, RESURFACE, 1998) (0.00–0.25); 340D–01–93M, RESURFACE, 1994 (0.25–4.29)

BEGIN ROUTE 340 ON KAHEKILI HIGHWAY AT THE CENTERLINE JUNCTION WITH WAIEHU BEACH ROAD AT WAILUKU URBAN BOUNDARY (SAME LOCATION AS END ROUTE 3400)

0.00 mi. ECB WAIEHU STR. CULVERT
0.02 mi. RD TO CEMETERY
0.05 mi. HOAUNA STREET
0.13 mi. MALAIHI ROAD
0.18 mi. NA WAI EHA PL.
0.21 mi. BEGIN DIVIDED
0.34 mi. END DIVIDED
0.41 mi. KOHOMUA STREET
0.44 mi. AKAKUU STREET
0.51 mi. KAHEKILI
0.62 mi. CULVERT
0.67 mi. WILIPOHAKU ROAD
0.87 mi. KUHINIA ROAD
0.92 mi. HALEWAIU ROAD
1.24 mi. PAVED ROAD
1.26 mi. UNPAVED ROAD
1.28 mi. UNPAVED ROAD
1.37 mi. CULVERT
1.51 mi. ECB
1.53 mi. OKI PLACE
1.78 mi. PAVED ROAD
1.90 mi. WAIHEE VALLEY RD
1.97 mi. PAVED ROAD
2.01 mi. WAIHEE BRIDGE #2
2.10 mi. PAVED ROAD
2.21 mi. CULVERT
2.30 mi. HIGHWAY
2.31 mi. CULVERT
2.37 mi. ECB
2.42 mi. CULVERT
2.64 mi. CULVERT
3.19 mi. CULVERT
3.30 mi. RD TO CAMP MALUHIA
3.31 mi.
3.36 mi.
3.50 mi.
3.69 mi.
3.87 mi.
4.05 mi.
4.14 mi.
4.29 mi.

END ROUTE 340 ON KAHEKILI HIGHWAY AT THE CENTERLINE ENTRANCE TO CAMP MALUHIA.

SCALE: (In Miles) 4" = 1 mile

Divided Highway Undivided
- Shoulder: Width and Type: 6' AC (0.00–0.26); 2' AC (0.26–1.18); 0 (1.18–1.28); 2' AC (1.28–1.46); 0 (1.46–1.52); 2' AC (1.52–1.89); 2' AC & 10' Grass (1.89–2.21); 2' AC (2.21–2.42); 2' – 4' AC (2.42–4.29)
- Pavement: Width and Type: 24' AC (0.00–0.26); 18' AC (0.26–0.34); 9' AC (0.34–0.41); 18' AC (0.41–1.18); 24' AC (1.18–1.28); 18' AC (1.28–1.46); 25' AC (1.46–1.52); 18' AC (1.52–1.89); 24' AC (1.89–2.42); 18' AC (2.42–4.29)
- Shoulder: Width and Type: 6' AC (0.00–0.26); 2' AC (0.26–0.34); 0 (0.34–0.41); 2' AC (0.41–1.18); 2' AC / 6' Grass (1.18–1.23); 2' AC (1.23–1.89); 2' AC & 10' Grass (1.89–2.21); 2' AC (2.21–2.42); 2' – 4' AC (2.42–4.29)

Divided Highway
- Median: Width and Type: 0' – 6' PAINT (0.41–0.51)
- Shoulder: Width and Type: 0 (0.41–0.51)
- Pavement: Width and Type: 9' AC (0.41–0.51)
- Shoulder: Width and Type: 2' AC (0.41–0.51)

Number of Traffic Lanes: 2 – 12' (0.00–0.26); 2 – 9' (0.26–1.18); 2-12' (1.18–1.28); 2 – 9' (1.28–1.46); 1–14' (L), 1–11' (R) (1.46–1.52); 2 – 9' (1.52–1.89); 2 – 12' (1.89–2.42); 2 – 9' (2.42–4.29)
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 0.17–0.21
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 0.20–0.25; 4' CONC. (1.12–1.52)
Curb and/or Gutter: Type (Right and Left) AC CURBS: 6' CONC. GUTTERS (2.21–2.27); 3' CONC. GUTTERS (2.39–2.48); 3' AC GUTTER (4.14–4.22)
Protective Devices: Type, Location and Number METAL RAILS ON CONCRETE POSTS: 0.24–0.34
Illumination: Type, Location and Number: 7 MV (1.18–1.82); 1 MV (2.27–2.37)
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (2) (0.00–2.42); Rural (1) (2.42–4.29)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (0.00–0.28); FLAT (0.28–0.73); ROLLING (0.73–1.67); MOUNTAINOUS (1.67–4.29)
Speed: 1–Design, 2–Posted: 35 MPH (2) (0.00–0.34); 30 MPH (2) (0.34–0.36); 35 MPH (2) (0.36–0.73); 30 MPH (2) (0.73–1.05); (25 MPH (2)) (1.05–1.13); 35 MPH (2) (1.13–1.14); 20 MPH (2) (1.14–2.42); NOT POSTED (2.42–3.36); 20 MPH (2) (3.36–4.29)
Intersection Control Devices: Type, Location and Cycle Timing: 11+20 (0.51); 177+20 (3.50)
Traffic Stations (Current Year): B74 0340 00000 (0.00–0.92); B74 0340 00124 (1.37–2.30); (B74 0340 00221) (2.30–2.42); B74 0340 00242 (3.36–4.29)
HPMS Sections – AADT 2007: 4,850 (0.92–1.24); 5,050 (1.37–2.21); 1,720 (2.21–2.42); 1,115 (3.36–4.29)
HPMS Sections – AADT 2006: 4,800 (0.92–1.24); 5,000 (1.37–2.21); 1,700 (2.21–2.42); 1,100 (3.36–4.29)
HPMS Sections – AADT 2005: 4,776 (0.92–1.24); 4,970 (1.37–2.21); 1,690 (2.21–2.42); 1,126 (3.36–4.29)
DOD Sections
Census Tracts
Functional Classification: COLLECTOR (17) (0.00–2.42); MAJOR COLLECTOR (7) (2.42–4.29)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits: S–0341(3) 1966 (0.00–0.21); COUNTY (0.21–1.99); S–0330(2) 1967 (1.99–2.42); COUNTY (2.42–4.29)

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov. 06	D.B.
Feb. 08	D.B.

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

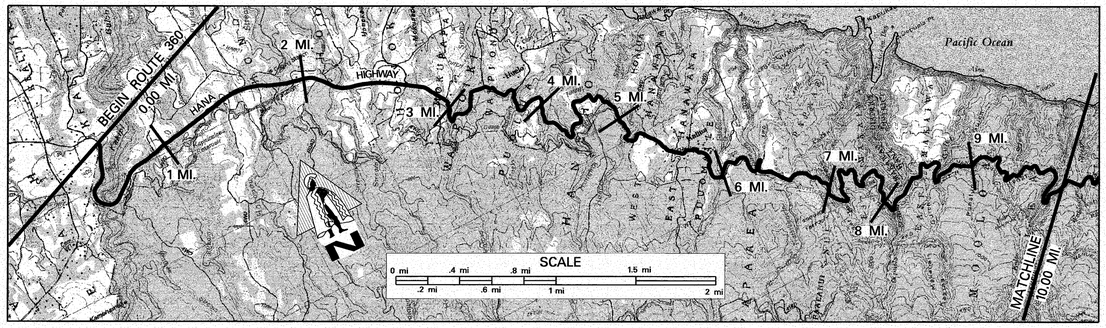
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

36 C (5.87 mi.) (Old FAP 36) | 360 A (12.20 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Culvert 1966 HS 20 | Steel Multistringer 1941 HS 20 | Tee Beam 1929 | Tee Beam 1929 – H15 | Tee Beam 1930 – H15 | Tee Beam 1925, H15 | Slab 1928, H15 | Tee Beam 1928, H10 | Slab 1911, H15

33′ | 210′ | 49′ | 40′ | 64′ | 30′ | 18′ | 22′ | 41′

Vertical Clearance

24′ | 24′ | 16′ | 20′ | 19′ | 20′ | 16′ | 15′ | 12′

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

80′–360′ | 80′–160′ | 50′–135′ | 50′ | 40′

Available Right of Way Width (Needs Study)

Cliffs / Pasture Area | Res. Area | Bushes & Trees

Right of Way Fence: Type – Right and Left W/W=Wire on Wood

Wire | W/W | None

Control of Access: 1–None, 2–Partial, 3–Full

State

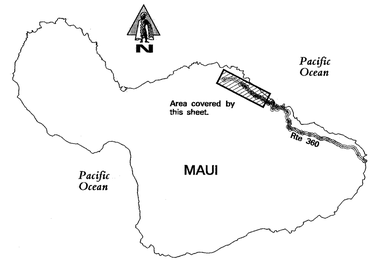
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

360A–01–94M, 1995 (Resurfacing & Improvements) | (360A–02–05M, (R), 2007)

Project No., Type of Construction, and Year Constructed

STP–0900(39), (R) 1996 | 360A–01–80, 1981 | 360A–01–82, 1983 (Imprv.) & 360A–01–83M, 1983 (Resurfacing)



Road Diagram

* MP = Milepost Signage

BEGIN RTE 360 ON HANA HIGHWAY AT THE CENTERLINE JUNCTION WITH KAUPAKULUA ROAD (SAME AS END RTE 36). 0.00 mi.

Road Culvert Road | Road | Road | Ualena Lp. | Hoolawa Br. | Ualena Loop 2.63 mi. | E. Waipio Rd. | Culvert | Hoalua Bridge | Culvert | Driveway | Kailua Bridge | Nailiilihaele Br. | PA Culvert | Oopuola Br. | Makamali Br. | Kaalea Br. | Kolea Culvert Culvert | Waikamoi Br. Trail (R) | Waikamoi Br.

HANA HIGHWAY

MP 1 | MP 2 | MP 3 | MP 4 | MP 5 | MP 6 | MP 7 | MP 8 | MP 9 | MP 10

0.42 mi. 0.52 mi. 0.45 mi. | 0.89 mi. | 1.02 mi. | 1.67 mi. | 1.89 mi. | 2.01 mi. | 2.14 mi. | Honokala 2.63 mi. | 3.01 mi. | 3.38 mi. | 3.96 mi. | 4.27 mi. | 4.94 mi. | 5.09 mi. | 5.43 mi. | 5.71 mi. | 5.86 mi. | 6.22 mi. | 6.91 mi. | 7.06 mi. | 7.89 mi. 7.94 mi. | 8.24 mi. | 8.57 mi. | 8.92 mi. | 9.16 mi. 9.26 mi. | 9.46 mi. | 9.82 mi. 9.88 mi.

374+55

CONTINUED ON SHEET #2.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

6′–8′ AC | 2′ AC | 4′ Grs. | 0 | 2′–4′ Grs. | 0–2′ Grass | 2′–4′ Grs. | 0–2′ Grass

Pavement: Width and Type

24′ AC | 20′ AC | 18′ AC

Shoulder: Width and Type

Median: Width and Type

4′–6′ AC | 6′–8′ AC | 4′–6′ AC | 2′–4′ AC | 0–2′ Grass

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–12′ | 2–10′ | 2–9′

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number Metal Rails on Metal Posts unless otherwise noted.

Concrete Barrier | Masonry Wall | Masonry Wall

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

1.13 | +3 | 1.27

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Small Urban (2) | Rural (1)

Mountainous

Speed: 1–Design, 2–Posted

35 MPH (2) | 25 MPH (2) | 15 MPH (2)

Not Posted | 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B74 0360 00000 | B74 0360 00050 | B74 0360 00263

HPMS Sections – AADT 2007

2,730 | 1,620

HPMS Sections – AADT 2006

2,700 | 1,600

HPMS Sections – AADT 2005

2,660 | 1,564

DOD Sections

Census Tracts

Functional Classification

Collector (17) | Major Collector (7)

Not on NHS (0)

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

360A–01–86M, (R) 1986 | 360A–01–80, (Imprv) 1981 | 360A–01–94M, 1995 (Resurfacing & Improvements)

S–0360 (4), 1963 | S–0360(3), 1963 | F–32 (2), 1946,1957 | (Job #5839, 1956) | C–360–01–63, 1967 | County | A–360–01–62,1962 | (360AB–01–00M, 2002, Repairs & Maintenance)

30+49 | 48+64.21 | 219+00 | 319+00 | 0+00 | 130+72.45

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct. 2003, D.B.

Revised	
Sept. 04	D.B.
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

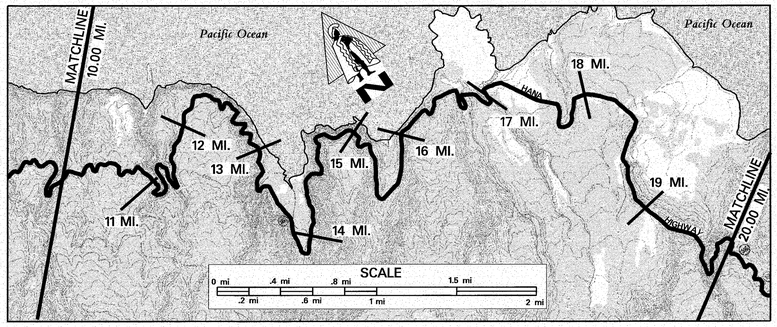
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

360 A (12.20 mi.) | End 360A & Begin 360B on Hana Hwy at the Southeast End of Waiokamilo St. Bridge. | 360 B (16.57 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

| | | |

ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

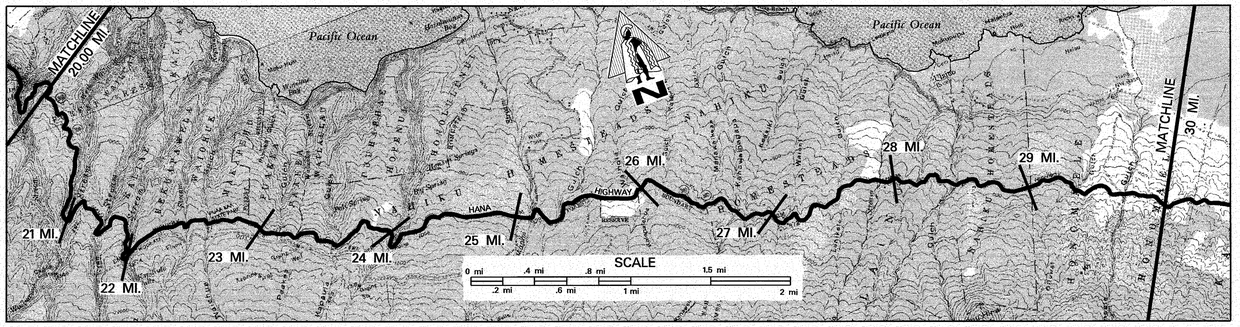
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description — 360 B (16.57 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Tee Beam 1937 H15	Tee Beam 1926 H15	Tee Beam 1926 H15	Tee Beam 1926 H15	Tee Beam 1937 H15	Tee Beam 1920 H15	Tee Beam 1926 H15	Conc. Masonry Arch 1926 H15	Tee Beam 1926	Tee Beam 1926 – H15	Conc. Masonry Arch 1926 – H15	Tee Beam 1926	Tee Beam H15	Tee Beam – H15	Slab 1908 – H15	Tee Beam 1914 – H15	Tee Beam 1924 – H15
62'	34'	76'	20'	40'	20'	49'	60'	23'	40'	60'	24'	24'	51'	48'	22'	38'
20.63	21.30	21.81	22.37	22.47	22.91	23.39	23.99	24.18	24.98	25.26	25.42	25.95	27.76	28.31	29.18	29.54
20'	18'	14'	22'	13'	12'	16'	20'	16'	16'	16'	16'	16'	16'	13'	16'	16'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 40'

Available Right of Way Width (Needs Study) — Heavy Grass & Trees; Res. / Farm Area; Clr. 1000' – Pasture, Grass – 15' from Pvmt.

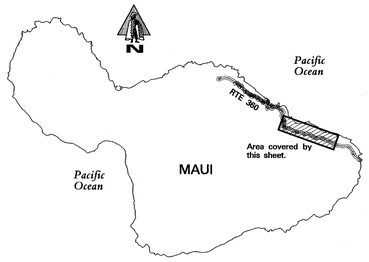
Right of Way Fence: Type – Right and Left (W/W = Wire on Wood) — W/W; Wire on Wood; W/W

Control of Access: 1–None, 2–Partial, 3–Full — None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State

Project No., Type of Construction, and Year Constructed — (360AB–01–88 (R) 1990)

Project No., Type of Construction, and Year Constructed — 360B–01–95M (Resurface) 1997; 360B–01–93M (R) 1994; 360B–01–96M (R) 1997



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2.

Culvert; Culvert; Culvert; W. Wailuaiki Br.; Culvert; Culvert; E. Wailuaiki Br.; Culvert; Culvert; Kopiliula Br.; Culvert; Culvert; Waiohue Br.; Culvert; Culvert; Puakea Bay Park (L) Puakea Park (R); Culvert; Culvert; Unnamed Br. #1; Unnamed Br. #2; Unnamed Br. #3; Culvert; Culvert; Kapauia Br.; Culvert; Hanawi Br.; Bridge; E. Hanawi Br.; Lower Nahiku Rd.; Makapipi Br.; Kuhiwa Br.; Kupukoi Br.; Kahelaowaka Br.; Pupapa Br.; Kahawaihapapa Br.; Keaaiki Br.; Waiohi Br.; W. Waiohi Br.; Culvert; Culvert; Lanikele Br.; Ulaino Br.; Helelelkeoha Br.; Mokulehua Br.; Oiiowai Br.; Honomaele Br.; Bridge

HANA HIGHWAY

20.10 mi.; 20.28 mi.; 20.64 mi.; 20.83 mi.; 21.06 mi.; 21.19 mi.; 21.30 mi.; 21.36 mi.; 21.87 mi.; 21.87 mi.; 22.15 mi.; 22.18 mi.; 22.31 mi.; 22.47 mi.; 22.49 mi.; 22.59 mi.; 22.82 mi.; 23.01 mi.; 23.00 mi.; 23.27 mi.; 23.39 mi.; 23.31 mi.; 23.75 mi.; 23.82 mi.; 23.99 mi.; 24.16 mi.; 24.17 mi.; 24.85 mi.; 24.98 mi.; 25.01 mi.; 25.20 mi.; 25.42 mi.; 25.88 mi.; 25.95 mi.; 26.48 mi.; 26.60 mi.; 26.77 mi.; 26.94 mi.; 26.97 mi.; 27.01 mi.; 27.33 mi.; 27.41 mi.; 27.76 mi.; 27.86 mi.; 27.97 mi.; 27.98 mi.; 28.31 mi.; 28.89 mi.; 29.18 mi.; 29.54 mi.; 29.85 mi.; 29.93 mi.

CONTINUED ON SHEET #4.

SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type — 0–2' Grass; 0–2' Grass

Pavement: Width and Type — 16'–18' AC; 18' AC

Shoulder: Width and Type — 0–2' Grass

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2–(8'–9'); 2–9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left) — (Conc. Gutter)

Curb and/or Gutter: Type (Right and Left) — (Conc. Gutter); (Conc. Gutter); (Conc. Gutter); (Masonry Wall); (Conc. Gutter); (Masonry Wall); (Conc. Barrier); Conc. Gutter; (Conc. Gutter)

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Mountainous

Speed: 1–Design, 2–Posted — 15 MPH (2); 35 MPH (2); 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B74 0360 01939

HPMS Sections – AADT 2007 — 1,720

HPMS Sections – AADT 2006 — 1,700

HPMS Sections – AADT 2005 — 1,680

DOD Sections

Census Tracts

Functional Classification — Major Collector (7)

National Highway System (NHS) — Not on NHS (0)

Previous Projects: Project No., Date and Limits — 360B–01–85 1986; 360AB–01–88 (Resurf. & Improv.) 1990; 360B–01–93 (R) 1994; 360B–01–80 (Imprv.) 1981

County; County to State

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2003, D.B.

Revised	
Aug. 04	D.B.
Nov., 06	D.B.

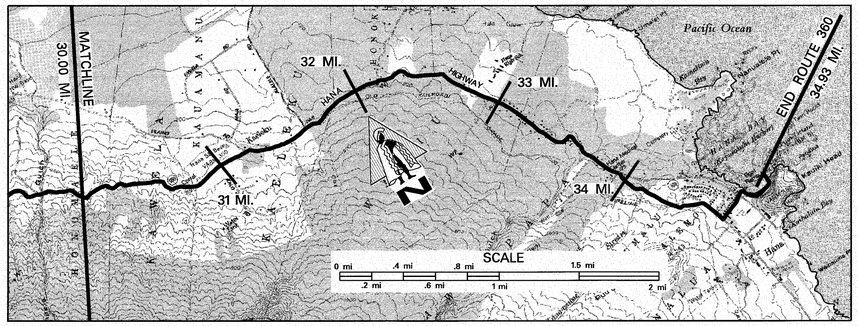
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 34.93 miles
a. Survey Length: 34.93 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

360 B (16.51 mi.) | End 360 B same as End Route.

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam – H20 1947
- Vertical Clearance: 73' (33.44)
- Horizontal Clearance: 26'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 40'

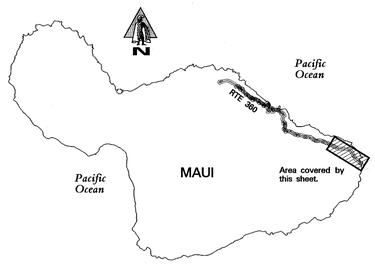
Available Right of Way Width (Needs Study): Bushes & Trees | Res. Area | Clr. 1000' 15' from Pasture Pvmt. | Res. Area

Right of Way Fence: Type – Right and Left (W/W=Wire on Wood): Wire | Wire | W/W | Wood | W/W | W/W | Various | W/W | W/W | Chain Link | Wire on Wood | Chain Link

Control of Access: 1–None, 2–Partial, 3–Full: Wood | None | State

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (360B–01–80 (Improv.) 1981) | 360B–01–96M (Resurf.) 1997 | 360B–01–91M (Resurfacing) 1991 | (ER–12(5) (Roadway Repairs) 2002) | (360B–02–93M (Storm Drain Repair) 1993) | (360B–01–83M (Resurface) 1983)

Project No., Type of Construction, and Year Constructed

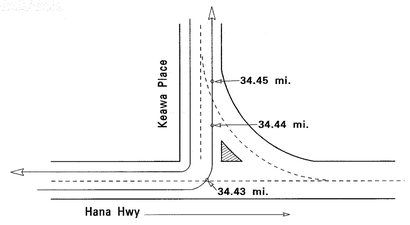


Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3.

Bridge 30.09 mi. | Bridge 30.20 mi. | Culvert 30.50 mi. | Bridge 30.57 mi. | Kalo Rd. 30.79 mi. | Ulaino St. 30.88 mi. | Culvert 30.99 mi. | Kaaleku Pl. (Rd. to Airport) 31.17 mi. | Alalele Pl. 31.27 mi. | Olopawa Rd. 31.38 mi. | To Waianapanapa State Park 31.54 mi. | Hana High School 31.87 mi. | Hana Elementary School 31.92 mi. | Waikoloa Rd. (Refuse Disposal Site) 32.59 mi. | HANA HIGHWAY 32.68 mi. | Helani Gardens Kawaipapa Br. 32.84 mi. | Hana Med Center 33.14 mi. | Bridge 33.44 mi. | Driveways to County Yard 33.47 mi. | Bridge 33.74 mi. | Pa'animai Park 33.89 mi. | Keulki St. 33.98 mi. | Kaanini Pl. 34.08 mi. | Alau St. 34.15 mi. | Kaawa Pl. (L) 34.31 mi. | KEAWA PLACE 34.37 mi. | Culvert 34.43 mi. | Ua Kea Rd. 34.61 mi.

END ROUTE 360 ON KEAWA PLACE AT THE WHARF ON HANA BAY. 34.93 mi.



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 0–2' Grs. | 2'–4' Grs. | 8'–10' Grass | 2' Grass | 0 | 6'–8' Grass | 0–2' Grass | 6'–10' Grass | 0 | 4'–6' AC
- Pavement: Width and Type: 18' AC | 24' AC | 18' AC | 16' AC | 18' AC | 16' AC | 20' AC
- Shoulder: Width and Type: 0–2' Grs. | 2'–4' Grs. | 8'–10' Grass | 2'–4' Grass | 0–2' Grass | 2'–4' Grass | 20' AC

Divided Highway
- Median: Width and Type
- Median Barriers:
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2–9' | 2–12' | 2–9' | 2–8' | 2–9' | 2–8' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): (3' AC Sidewalk) | AC Sidewalk 6' 4' 6' 4' | (Conc. Gutter) | (Wood Rail on Conc. Post)

Curb and/or Gutter: Type (Right and Left): AC Roll Curb | AC Roll Curb | (Conc. Curb)

Protective Devices: Type, Location and Number (Metal Rails on Metal Posts unless otherwise noted.): Masonry Wall

Illumination: Type, Location and Number: MV | 1 MV | 1 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling | Flat | Rolling | Rolling

Speed: 1–Design, 2–Posted: 35 MPH (2) / 15 MPH (2) | 35 MPH (2) | 30 MPH (2) / 35 MPH (2) | Not Posted | (20 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 01939 | B74 0360 03127 | B74 0360 03259

HPMS Sections – AADT 2007: 1,720 | 2,325 | 1,720

HPMS Sections – AADT 2006: 1,700 | 2,300 | 1,700

HPMS Sections – AADT 2005: 1,680 | 2,294 | 1,680

DOD Sections

Census Tracts

Functional Classification: Major Collector (7)

National Highway System (NHS): Not on NHS (0)

Previous Projects: Project No., Date and Limits:
- 360B–01–91M (R) 1991
- 360B–01–88 (Walkway) 1988
- 360B–01–80 (Improv.) 1981 | 360B–01–75 (R) 1975 | 360B–01–83M (Resurface) 1983
- County (FAP 58(1), 1947)

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2003, D.B.

Revised	
Aug. 04	D.B.
FEB., 06	D.B.
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 377

KEKAULIKE AVE & HALEAKALA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

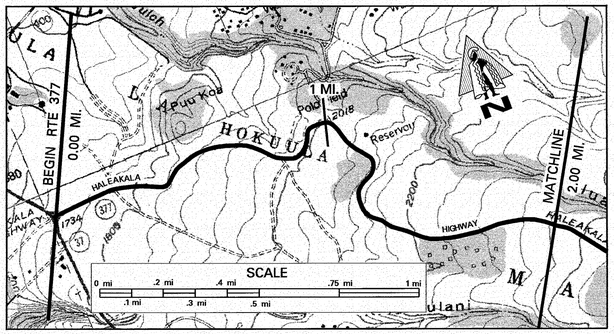
Total Route Length: 9.17 miles

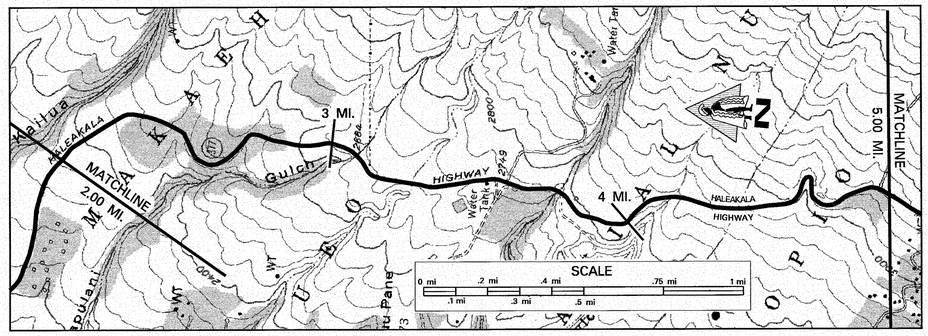
a. Survey Length: 9.17 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

0.03 Begin 377A on Haleakala Hwy. 150' East of the centerline intersection with Kula Hwy and Haleakala Hwy. — 377A (9.13 MI)

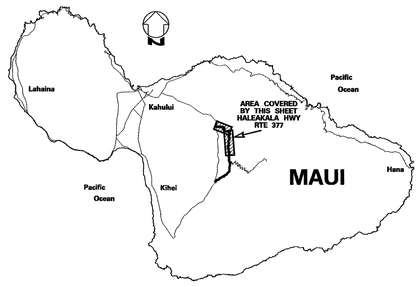
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed — TEE BEAM 1934 H15 | 150'
- Vertical Clearance
- Horizontal Clearance — 24'

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies — 60'
- Available Right of Way Width (Needs Study) — PASTURE ON MOUNTAINOUS TERRAIN WITH CUT SLOPES
- Right of Way Fence: Type – Right and Left — ALL WIRE ON WOOD FENCE — 20' – 40' FROM PAVEMENT; 10' – 30' FROM PAVEMENT
- Control of Access: 1–None, 2–Partial, 3–Full — N O N E
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — S T A T E
- Project No., Type of Construction, and Year Constructed — STP–0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT
- Project No., Type of Construction, and Year Constructed — 377A–02–81M 1981 RESURFACE → 0.03 | 0.08 STP–0377(4), 1994 RESURFACE



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 377 ON HALEAKALA HWY AT THE EAST EDGE OF PAVEMENT OF KULA HWY (RTE 377).

0.00 mi. SPUR — 0.02 mi. SPUR — 0.01 mi. TRACTOR CROSSING — 0.19 mi. END DIVIDED — 0.27 mi. KING KEKAULIKI HIGH SCHOOL — 0.33 mi. BEGIN DIVIDED — 0.38 mi. CULVERT — 0.81 mi. CULVERT — 0.86 mi. ECB KEALALOA ROAD — 0.99 mi. — 1.00 mi. — 1.02 mi. — HALEAKALA HIGHWAY — 1 MP — 2.01 mi. — 2 MP — 2.56 mi. 2500' ELEV. SIGN — 3 MP — 3.01 mi. — 3.16 mi. ECB — 3.74 mi. WAIAALE BRIDGE — 4 MP — 4.00 mi. — 4.85 mi. CULVERT — 5 MP — 4.98 mi.

CONTINUES ON SHEET # 2 — 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway — Undivided

- Shoulder: Width and Type — 4' AC
- Pavement: Width and Type — 22' AC | 11' AC | 22' AC (1.08) | 18' AC
- Shoulder: Width and Type — 4' AC | 0 | 4' AC

Divided Highway

- Median: Width and Type — 0.19 | 0–12' PAINTED AC | 0.33
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 11' AC
- Shoulder: Width and Type — 4' AC

- Number of Traffic Lanes — 2 – 11' (1.08) | 2 – 9'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 0.27 | 0.33
- (Right Side) — 0.19
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left) — 0.03 | 0.06 | 0.17 | 0.23 | 0.42 | 0.77 | 0.86 | 0.87 | 0.97 | 1.40 | 1.41 | 2.38 | 2.43 | 2.85 | 2.85 | 2.87 | 2.90 | 3.06 | 3.26 | 3.30 | 3.37 | 3.41 | 3.44 | 3.54 | 3.59 | 3.61 | 3.70 | 3.76 | 4.07 | 4.12 | 4.21 | 4.29 | 4.37 | 4.41 | 4.66 | 4.71 | 4.75 | 4.82 | 4.99
- Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL, EXCEPT WHEN NOTED — 0.19 | 0.25 | 0.38 | 0.41 | 0.79 | 0.88 | 1.07 | 1.46 | 2.37 | 2.51 | 2.63 | 2.77 | 2.80 | 3.05 | 3.10 | 3.21 | 3.30 | 3.37 | 3.46 | 3.52 | 3.72 | 3.92 | 4.16 | 4.24 | 4.27 | 4.38 | 4.40 | 4.49 | 4.99
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range) — 1.39 | –7 | 1.51 | 2.05 | –7 | 2.19 | 4.38 | –7 | 4.51
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: — SMALL URBAN (2) (1.00) RURAL (1)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous — R O L L I N G
- Speed: 1–Design, 2–Posted — 30 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year) — B74 0377 00000 0.50 — B74 0377 00100 4.00
- HPMS Sections – AADT 2007 — 3,535 — 2,525
- HPMS Sections – AADT 2006 — 3,500 — 2,500
- HPMS Sections – AADT 2005 — 3,470 (1.00) — 2,426
- DOD Sections
- Census Tracts
- Functional Classification — COLLECTOR (7) (1.00) MAJOR COLLECTOR (7)
- National Highway System (NHS) — NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits
- 377A–01–83M 1983 RESURFACE (1.65) — 377A–01–85M 1985 RESURFACE (4.03)
- 377A–02–81M 1981 RESURFACE (1.07) — JOB #5569 1952 RESURFACE
- FAP 5B 1933 (0.60) — FAP–5B 1929, 1933

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.

ROAD INVENTORY

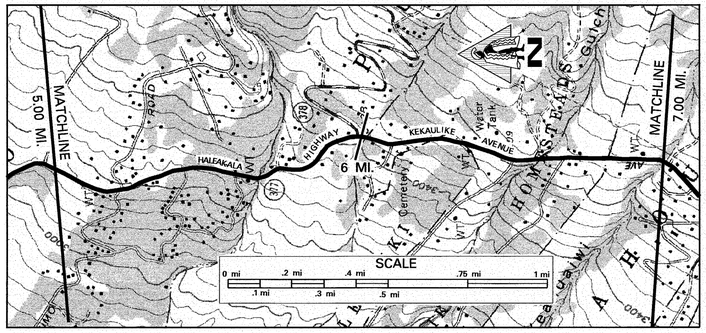
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

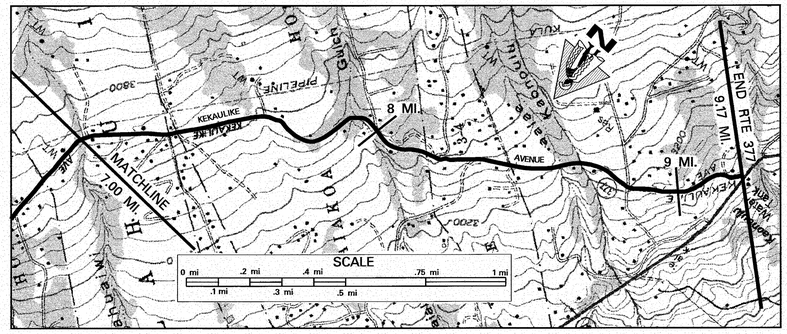
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

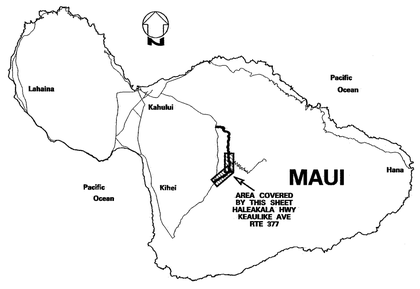
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 9.17 miles
a. Survey Length: 9.17 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*







Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Maintenance Control Sections : Length and Description

377A (9.13 MI)

End 377A on Kekaulike Hwy. 50' East of centerline intersection with Kula Hwy. 9.13 mi.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

TEE BEAM 1934 H15 110' | TEE BEAM 1933 H15 25' | TEE BEAM 1933 H15 36' | TEE BEAM 1933 H15 150' | 30'

Vertical Clearance

Horizontal Clearance

22' | 22' | 24' | 22' | 22'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

60'

Available Right of Way (Needs Study)

PASTURE AND RANCH AREA

Right of Way Fence: Type – Right and Left ALL WIRE ON WOOD FENCE 10'-20' FROM PVMT UNLESS NOTED

20'-40' FROM PVMT
10'-30' FROM PVMT

Control of Access: 1–None, 2–Partial, 3–Full

N O N E

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

S T A T E

Project No., Type of Construction, and Year Constructed

STP-0377(3) 1995 GUARDRAILS & SHLDR IMPR.
STP-0377(4) 1994 RESURFACE
377B-01-96M 1998 RESURFACE
RS-0377(2) 1987 IMPROVEMENTS

Project No., Type of Construction, and Year Constructed

CONTINUED FROM SHEET # 1 — 5.00 mi.

CULVERT UPPER KIMO DR. LOWER KIMO DR. 5.19 mi. | 5.27 mi. | 5.23 mi.
AINAKULA ROAD 5.42 mi.
KULALANI DRIVE 5.58 mi.
POHAKUOKALA BR. 5.66 mi.
KUALONO PLACE 5.72 mi.
CULVERT 5.89 mi.
HALEAKALA CRATER RD. (RTE 378) 6.01 mi. | 6.03 mi. | 6.06 mi.
SPUR 6.01 mi.
CULVERT 5.99 mi.
PUANANI PLACE 6.13 mi.
PULEHUKI ROAD 6.53 mi.
KAMEHAMEKI ROAD 6.55 mi.
HAPAPA BRIDGE 6.59 mi.
HAPAPA ROAD 6.58 mi.
PULEHU BRIDGE 6.65 mi.
POWER STA. 6.99 mi.
PAVED ROAD 6.98 mi.
PULEHU BRIDGE 6.95 mi.
PAVED ROAD 7.01 mi.
IHE PLACE 7.12 mi.
IOIO PLACE & ECB 7.24 mi.
KOLOHALA DRIVE 7.28 mi.
CULVERT 7.47 mi.
WAHILANI ROAD 7.50 mi.
CULVERT 7.88 mi.
CULVERT 7.92 mi.
WAIAKOA ROAD 7.99 mi. | 8.01 mi.
ALAE ROAD 8.17 mi.
ROAD 8.41 mi.
ROAD 8.42 mi.
NAALAE GULCH BR. 8.57 mi.
KAONOLU BRIDGE 8.63 mi.
WAIPOLI ROAD 8.80 mi.
8.96 mi.
9.16 mi.

-HALEAKALA HIGHWAY- 6 MP — KEKAULIKE 7 MP — AVENUE 8 MP — 9 MP — 9.17 MP

COPP ROAD

END ROUTE 377 ON KEKAULIKE AVENUE AT THE EAST EDGE OF PAVEMENT OF KULA HIGHWAY (RTE 377) 9.17 mi.

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Divided Highway — Undivided

Shoulder: Width and Type

4' AC | 4' AC / 4' – 8' GRASS | 4'AC / 10'–18' GRS | 4' AC / 4' – 8' GRASS

Pavement: Width and Type

18' AC | 20' AC | 24' AC

Shoulder: Width and Type

4' AC | 4' AC / 4' – 8' GRASS | 4'AC / 10'–18' GRS | 4' AC / 4' – 8' GRASS

(Begin Bikelane / Shoulder combination)
(End Bikelane / Shoulder combination)

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 9' | 2 – 10' | 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) AC ROLLED CURBS

Protective Devices: Type, Location and Number ALL GUARDRAILS METAL W/ METAL, EXCEPT WHERE NOTED

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

–4 | –7 | –6 | +6 | +5 | +9

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

R O L L I N G

Speed: 1–Design, 2–Posted

30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B74 0377 00100 | B47 0377 00613

HPMS Sections – AADT 2007

2,525 | 1,415

HPMS Sections – AADT 2006

2,500 | 1,400

HPMS Sections – AADT 2005

2,426 | 1,422

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

377A-01-85M 1985 RESURFACE
JOB #5569 1952 RESURFACE
FAP – 5B 1929, 1933
FAP-E-13A 1932 — RS-0377(2) 1987 IMPROVEMENTS
FAP – 13A 1932, 1934
FAP-E-13A 1932
BF-037-1(1) 1962

SCALE: (In Miles) 4" = 1 mile

5 6 7 8 9 10

Date Released
Oct 2004 GN

Revised	
FEB., 06	D.B.
Nov., 06	D.B.

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

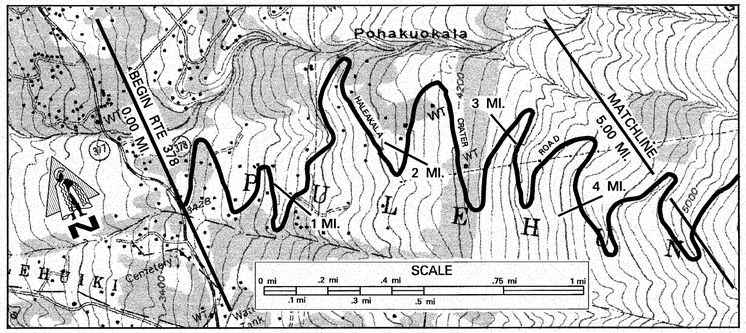
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 10.15 miles
a. Survey Length: 10.15 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

0.02 Begin 378A on Haleakala Crater Road 100' East of the centerline intersection with Haleakala Hwy (East Spur) — 378A (10.13 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80'

Available Right of Way Width (Needs Study): TREES AND BUSHES W/ SLIGHT CUT SLOPES (2.85) OPEN PASTURE 1000' ACROSS

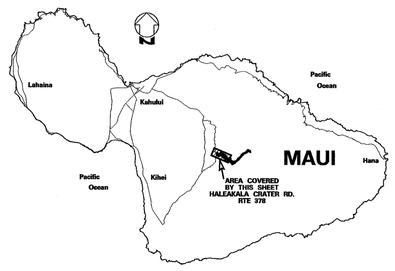
Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: (337 + 41.87) 0.00 — 378A–01–04M, RESURFACE, 2006

Project No., Type of Construction, and Year Constructed: (378A–01–92M 1993, RESURFACE) 0.02 — 378A–01–00MR 2003 MAINTENANCE & REPAIRS



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 378 ON THE NORTH SPUR OF HALEAKALA CRATER ROAD AT THE EDGE OF PAVEMENT OF KEKAULIKE AVE (RTE 377) — 0.00 mi.

SPUR AND M.P. 0.03 mi. — PALENA PLACE 0.10 mi. — 3600' ELEV. Sign 0.31 mi. — PONI MOI PLACE 0.39 mi. — CULVERT 0.97 mi. — CULVERT 1.21 mi. — 4000' ELEV. Sign 1.24 mi. — CATTLE GUARD 1.78 mi. — CULVERT 2.06 mi. — CULVERT 2.12 mi. — CULVERT 2.44 mi. — CULVERT 2.54 mi. — CULVERT 2.82 mi. — CULVERT 2.88 mi. — CULVERT 2.98 mi. — 4500' ELEV. Sign 3.49 mi. — CULVERT 4.25 mi. — CULVERT 4.44 mi.

HALEAKALA CRATER ROAD

341 + 50 — MP 0 | MP 1 | MP 2 | MP 3 | MP 4 | MP 5

4.98 mi. — CONTINUES ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided
- Shoulder: Width and Type: 4' – 8' GRASS (2.30) 4' – 6' GRASS (3.72) 2' AC
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type: 4' – 8' GRASS | 4' – 6' GRASS | 2' AC

Divided Highway
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 – 11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): NONE

(Right Side): NONE

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number: ALL GUARDRAILS METAL ON METAL
0.60–0.67, 0.70–0.73, 0.96–1.00, 1.10–1.31, 1.29–1.35, 1.37, 2.09–2.14, 2.24–2.30, 3.33–3.45, 3.94–3.98, 4.11–4.15, 4.19–4.17, 4.26–4.30, 4.48–4.57, 4.73–4.89

Illumination: Type, Location and Number: NONE

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.05 +7 0.20; 0.31 +8 0.47; 0.71 +8 0.81; 2.30 +7 2.55; 4.76 +8 4.86

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: MOUNTAINOUS

Speed: 1–Design, 2–Posted: 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): 0.97 — B74 0378 00000

HPMS Sections – AADT 2007: 1,620

HPMS Sections – AADT 2006: 1,600

HPMS Sections – AADT 2005: 1,590

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

National Highway System (NHS): NOT ON NHS (0)

Previous Projects: Project No., Date and Limits:
- 0.04 (STP-0377(4) 1994 RESURFACE)
- 0.03 370A–02–67 1967
- 378A–01–92M 1993 RESURFACE
- 378A–01–82M 1982 (RESURFACE)
- 2.77 FAP 5B (Group B) 1933
- 3.72 | 3.75 RS–0378(1) 1981 RESURFACE
- 378A–03–68 1968 RESURFACE

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

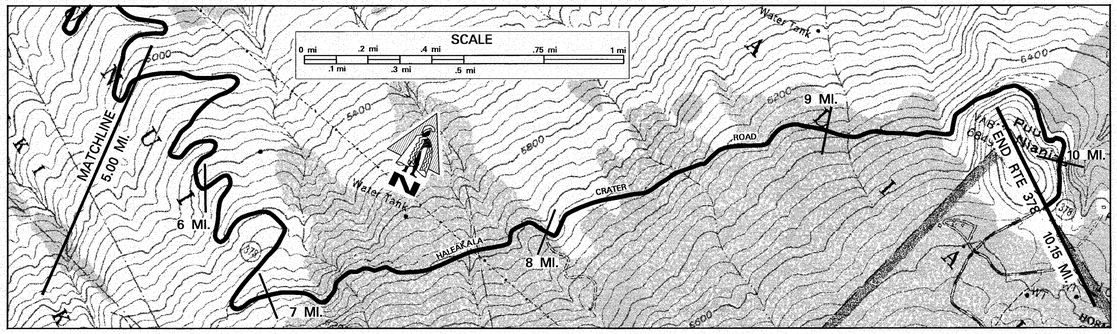
Total Route Length: 10.15 miles

a. Survey Length: 10.15 miles

b. Proposed Length: 0.00 miles

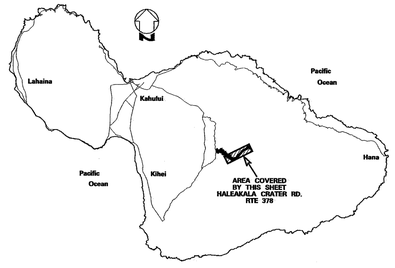
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		378A (10.15 MI) — END 378A – SAME AS END ROUTE 378 (10.15)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	97' PRESTRESSED BEAM 1934 (1970) H15 56'
	Vertical Clearance	
	Horizontal Clearance	27' 27'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		80'
Available Right of Way Width (Needs Study)		OPEN PASTURE 1000' ACROSS
Right of Way Fence: Type – Right and Left		N O N E
Control of Access: 1–None, 2–Partial, 3–Full		N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		S T A T E
Project No., Type of Construction, and Year Constructed		@ END PROJECT (877+00) 378A–01–04M, RESURFACE, 2006 (378A–01–92M, 1993, RESURFACE) (10.15 / 10.14)
Project No., Type of Construction, and Year Constructed		378A–01–00MR 2003 MAINTENANCE & REPAIRS

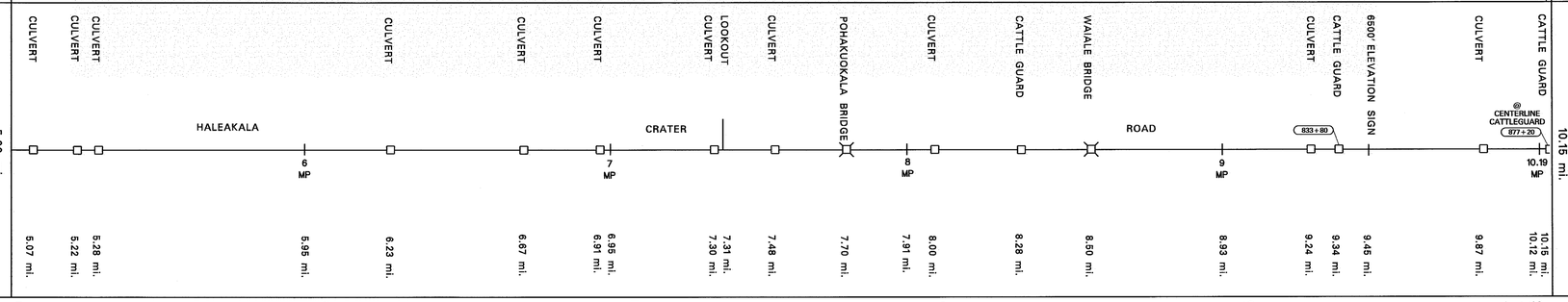


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 1 — 5.00 mi.



END RTE 378 ON HALEAKALA CRATER RD AT THE NAT'L PARK BDRY @ THE CATTLE GUARD NEAR THE "END STATE HWY SIGN". 10.15 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	2' AC
	Pavement: Width and Type	22' AC
	Shoulder: Width and Type	2' AC
	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		N O N E
(Right Side)		N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number	ALL GUARDRAILS ARE METAL ON METAL	5.23–5.28, 5.32–5.33, 5.39–5.49, 5.58–5.66, 5.78–5.82, 6.15–6.24, 6.57–6.68, 6.93–6.99, 7.11–7.18, 7.26–7.27, 7.31–7.36, 7.38–7.47, 7.48–7.51, 7.66–7.75, 7.79–7.84, 7.87–8.07, 8.20–8.27, 8.35–8.39, 8.60–8.79, 8.89–9.07, 9.21–9.28, 9.43–9.52, 9.64–9.74, 9.89–10.05
Illumination: Type, Location and Number		N O N E
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		6.22 +7 6.29; 6.62 +9 6.84; 8.14 +7 8.28
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		RURAL (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		MOUNTAINOUS
Speed: 1–Design, 2–Posted		30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B74 0378 00000
HPMS Sections – AADT 2007		1,620
HPMS Sections – AADT 2006		1,600
HPMS Sections – AADT 2005		1,590
DOD Sections		
Census Tracts		
Functional Classification		MAJOR COLLECTOR (7)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		378A–01–92M 1993 RESURFACE; RS–0378(1) 1981 RESURFACE; 378A–03–68 1968 RESURFACE 6.95; (377A–01–70 1971 Bridge Widening) 7.70–8.50; 378A–04–69 1969; RS–0378(1) 1981 RESURFACE; FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	
Nov., 06	D.B.

ROAD INVENTORY

MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

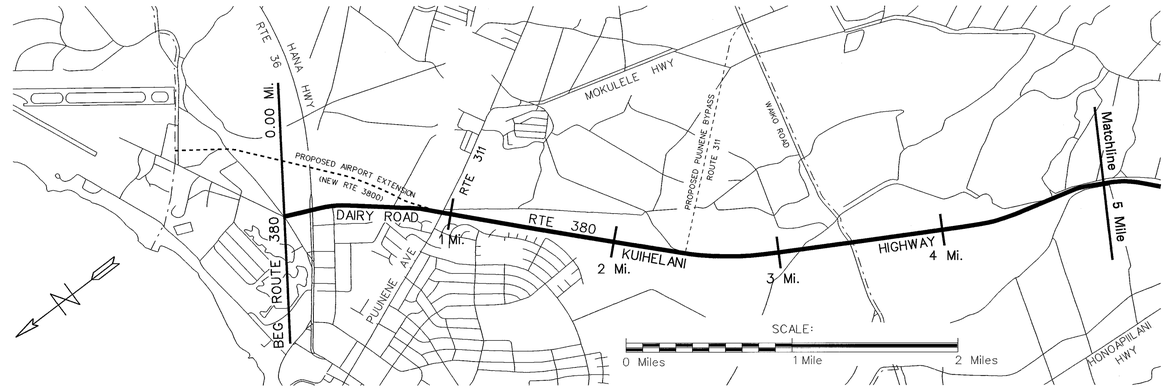
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 6.18 MILES (a+b)
- a. Existing Length: 6.18 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.18 MILES (a+b, less c)
- a. Existing Length: 6.18 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

BEG. 380A SAME AS BEG. EXISTING RTE. ? | ? 380A (0.95 mi.) ? | END 380A SAME AS ROUTE 30 | 0.95 | BEG. 380A SAME AS BEG. EXISTING RTE. ? | 380 A (6.17 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 24', Slab, HS–20, 1970
- 61', Tee Beam, HS–20, 1970
- 77', Culvert, HS–20, 1970
- 25', Precast Conc Plank, HL–93, 2003
- 60', Precast Prestressed Conc Beam, HL–93, 2003
- 78', 3 Span Culvert, HL–93, 2003

Vertical Clearance: 3.12 | 3.11

Horizontal Clearance: 44' 36' | 44' 36' | 44' 36'

Structure Over Road

Vertical Clearance: 4.12 | 4.37

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 150' – 210'

Available Right of Way (Needs Study): COMMERCIAL 0.85 | RANCHLAND / SUGAR CANE | 2.39 FARMS–BUSHES–TREES 3.45 | CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT

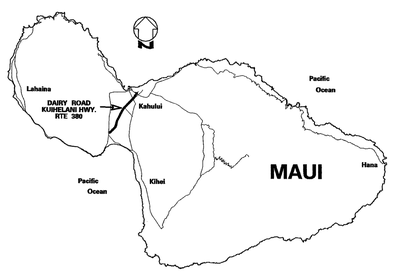
Right of Way Fence: Type – Right and Left: 3.15 WOOD/CONC. | METAL ON WOOD 4.60

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: 0.78 | NH–0380(9), (Widening) 2003

Project No., Type of Construction, and Year Constructed: 380A–01–89M (R) 1990 | 0.97 | 380A–01– 99M (R), 2000



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

Begin Route 380 at the South edge of pavement of intersection with Halekala Hwy and Keolani Place (Rte 36A). 0.00 mi. Dairy Road

End Div. Hwy 0.03 mi. | Hana Hwy (Rte 36) Kele St. 0.09 mi. | 0.16 mi. | Alamaha St. 0.31 mi. | Mall Entrance 0.38 mi. | Maui Marketplace Dr. 0.48 mi. | Driveway (R) Mall Entrance 0.59 mi. | Hukilike St. 0.57 mi. | 0.66 mi. | Begin Div. Hwy & Road (L) 0.73 mi. | Puunene Ave. 0.94 mi. | 0.96 mi. | Beg Measured Mile 1.23 mi. | 1.25 mi. | Cane Haul Rd. 1.44 mi. | 1 MP | 2 MP | Paved Road 1.68 mi. | 1.80 mi. | End Measured Mile 2.23 mi. | Private Access 2.37 mi. | Maui Lani Parkway 2.75 mi. | 3 MP | Paved Road 3.03 mi. | Waihee Ditch Br. 3.11 mi. (offset) | Waihee Ditch Br. 3.12 mi. | Waiko Road 3.45 mi. | Tractor Crossing & Cane Haul Rd. 3.61 mi. | 4 MP | Truck Weigh Station 3.67 mi. | 3.78 mi. | Waikapu Stream Br. 4.12 mi. | Kuihelani 3 Span Culvert Road and Tractor Crossing 4.34 mi. | 4.37 mi. | 5 MP | Cane Haul Rd. 4.74 mi. | 4.87 mi.

DAIRY ROAD — KUIHELANI HIGHWAY

Route Continued on Sheet #2

5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type: 0 | 0.16 4'–6' AC | 0.86

Pavement: Width and Type: (20' AC) 40' AC 0.86 | 44' AC | 22' AC 1.04 | 24' AC | 10' AC | 3.84 | 10'–25' AC 3.92 | 10' AC

Shoulder: Width and Type: 0 | 0.16 4'–6' AC | 0 | 8' AC | 10' AC | 0 | 4' AC | 10' AC

Divided

Median: Width and Type: (10' Painted AC) 0.03 | 0.73 | 10' Painted AC 0.86 | 6' Painted 1.04 | 1.11 | 6'–14' Painted AC 1.20 | 18' Grass | 2.25 | 14' Painted AC 2.37 | 10' Grass 2.58 | 18' Grass

Shoulder: Width and Type: 0 | 0 | 4' AC | 0 | 4' AC

Pavement: Width and Type: (12' AC) 22' AC 0.96 | 12' AC | 24' AC | 24' AC

Shoulder: Width and Type: 0 | 4'–6' AC | 8' AC | 10' AC | 10' AC

Number of Traffic Lanes: (2–10') (1–12') 0.03 | 4–10' 0.65 | 4–11' 0.96 | (1–12', 1–10') (1–12') | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 10' Turning Lanes): 0.24 | 0.18 | 0.22 | 0.37 | 0.26 | 0.45 | 0.48 | 0.52 | 0.57 | 0.61 | 0.69 | 0.73 | 0.88 | 1.04 10' (L) TL | (2–10' L TLs) | 0.96 | 0.01 | 0.06 | 2.22 | 1–12' TL | 2.27 | 1–12' TL | 2.57 | 3.30 | 1–12' TL | 3.45 | 1–12' TL | 3.60

(Right Side) (All 10' Turning Lanes): 0.06 | 0.09 | 0.18 | 0.22 | 0.37 | 0.26 | 0.45 | 0.48 | 0.52 | 0.57 | 0.61 | 0.69 | 0.96 | 0.01

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 8' Conc. S.W. 0.13 | 0.18 | 0.22 | 0.31 | 8' Conc. S.W. 0.51 | 0.65

Curb and/or Gutter: Type (Right and Left): 4' Conc. S.W. | Conc. | AC | Conc. Curb | Conc. Curb | AC Curb | AC Curb | (Conc. Curb) 0.13 | 0.22 | 0.38 | 0.43 | 0.68 | 2' Conc. Gutter 2.28 | 2' Conc. Gutter 2.56 | 3.09 | 3.15 | 3.26 | 3.32 | 3.33 | 3.66 | 3.81 | 4.11 | 4.19 | 4.34 | 4.41 | 4.62 | 4.68

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 0.96 M.V. 1.04 | 00 HPS 2.32 2.43 | 00 HPS 2.40 3.50 3.55

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.85 | –1 | 3.26 | +1 | 3.78 | 3.84 | +2 | 4.09 | 4.66 | –1 | 4.80

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat

Speed: 1–Design, 2–Posted: 30 MPH (2) | 0.57 35 MPH (2) 30 MPH (2) | 1.11 1.24 (45 MPH (2)) | 1.10 55 MPH (2) | 2.20 2.37 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.16 | 0.31 | 0.48 | 3.45 3 Phase 2 Phase 3.61

Traffic Stations (Current Year): B74 0380 00000 0.80 | B74 0380 00096 1.68 | B74 0380 00237 3.12 | B74 0380 00345 4.74

HPMS Sections – AADT 2007: 32,425 | 18,385 | 17,375 | 14,645

HPMS Sections – AADT 2006: 32,100 | 18,200 | 17,200 | 14,500

HPMS Sections – AADT 2005: 31,816 | 18,007 | 17,069 | 14,325

DOD Sections: 0.90 | 2.37 | 3.45

Census Tracts

Functional Classification: Collector (17) 0.96 | Principal Arterial (14)

National Highway System (NHS): Not on NHS (0) | On NHS (1)

Previous Projects: Project No., Date and Limits: 380A–01–89M (R), 1990

(FAP SC 1931) 0.03 | 0.18 3800A–01–81M 1981 (Resurf.) 0.75 | S–0380(6) 1971

DANG 8(1), 1945 County | 2.37 | S–038 (6), 1969

SCALE: (In Miles) 4" = 1 mile

Date Released
July 2002, DB

Revised	
Apr 03	JK
Aug 04	DB
Sept 04	DB
Nov. 06	DB
Mar., 09	DB

ROAD INVENTORY

MAUI RTE 380
KUIHELANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

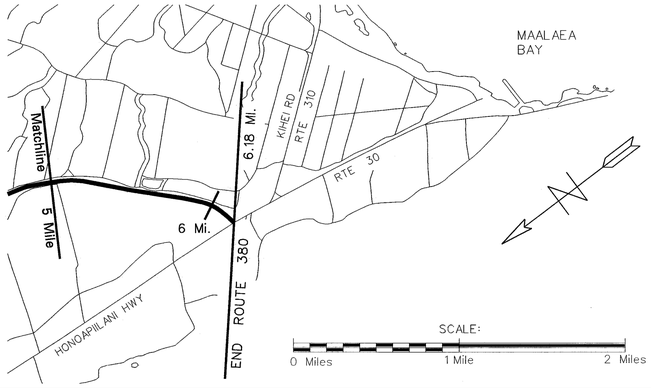
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 6.18 MILES (a+b)
- a. Existing Length: 6.18 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.18 MILES (a+b, less c)
- a. Existing Length: 6.18 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Maintenance Control Sections : Length and Description

? 380 A (6.17 mi.) — END 380-A ON KUIHELANI HWY. 50' EAST OF THE EAST E.P. ON HONOAPIILANI HWY. 6.18

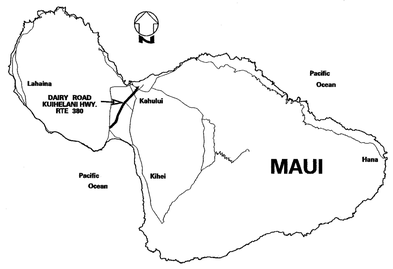
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 37' | SLAB 1970 HS-20 / 47' | PRECAST, PRESTRESSED CONC. BEAM, HL-93, 2003
- Vertical Clearance
- Horizontal Clearance: 5.96 | 44' / 36'

Structure Over Road

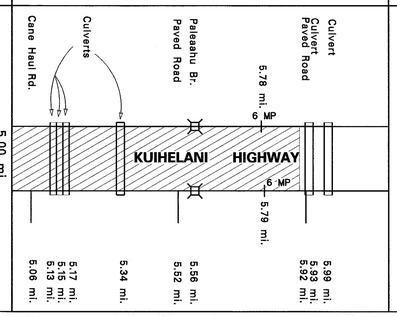
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies: 150' – 210'
- Available Right of Way Width (Needs Study): CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT
- Right of Way Fence: Type – Right and Left
- Control of Access: 1–None, 2–Partial, 3–Full: NONE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed: NH-0380(9) (Widening) 2003 — 6.02 — [BR-NH-030-1(24) (Widening) 2002]
- Project No., Type of Construction, and Year Constructed: 380A-01-99M (R) 2000



Indicates Grass & / or Physical Barrier on Median.

Road Diagram



SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Divided Highway — Undivided

- Shoulder: Width and Type: 10' AC
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 10' AC

Divided Highway

- Median: Width and Type: 18' Grass | 10'–18' AC (5.90 – 6.02) | 10' Painted AC

Divided Highway — Undivided

- Shoulder: Width and Type: 4' AC
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 10' AC

- Number of Traffic Lanes: 4 – 12'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1–12') | 12' AC | 8' 28' AC | 0 | 12' AC | 36' AC | (38' AC) (44' AC) | 8' 28' AC | 0 | (1–12')
- (Right Side): (2–12' (R)) | 12' AC | (2–14' (R)) | Double (L) TLs | 9' 12' AC | Single (R) TL | 12' AC | (1–12' (R)) | 14' AC | (1–16' (R)) (1–14' (R))
- NOTE: No Thru Lanes on (R) Side from 6.12 mi to 6.18 mi. Pavement Widths Include Turning Lanes.
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number: 5.93 | 5.89
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades: % Grade, Positive or Negative: 5.33 | +2 | 5.54
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: Small Urban (2)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat
- Speed: 1–Design, 2–Posted: 45 MPH (1) | 5.82 | Not Posted / 35 MPH (1)
- Intersection Control Devices: Type, Location and Cycle Timing: 5.89 — 3 Phase Traffic Signal
- Traffic Stations (Current Year): B74 0380 00345
- HPMS Sections – AADT 2007: 14,645
- HPMS Sections – AADT 2006: 14,500
- HPMS Sections – AADT 2005: 14,325 — 6.18
- DOD Sections
- Census Tracts
- Functional Classification: Principal Arterial (14)
- National Highway System (NHS): On NHS (1)
- Previous Projects: Project No., Date and Limits:
  - 380A-01-89M (R), 1990
  - S-0380 (6), 1971
  - S-038 (6), 1969

SCALE: (In Miles) 4" = 1 mile

5 | 6 | 7 | 8 | 9 | 10

Date Released	
July 2002, DB	
Revised	
Nov., 06	D.B.

ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

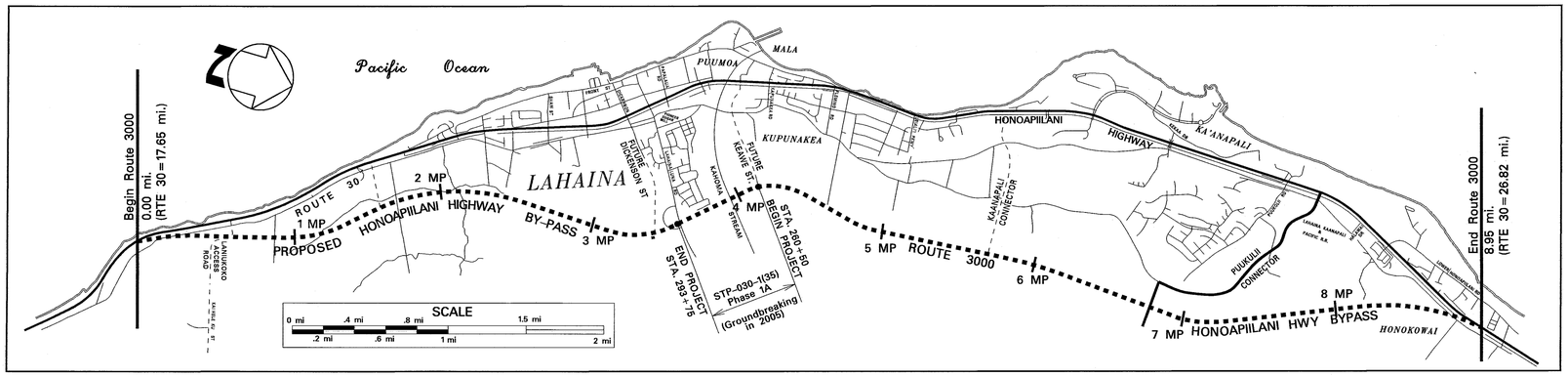
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 8.95 miles
a. Survey Length: 0.00 miles
b. Proposed Length: 8.95 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

4-CELL BOX | 3-CELL BOX | 400' | 400' | 600' | 400' | 400' | 800'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

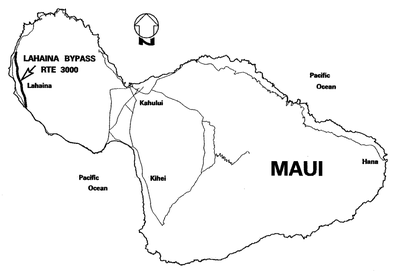
Control of Access: 1–None, 2–Partial, 3–Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE
(STP-030-1(22), Demolition of Ikena Ave)
3.46 3.48

Project No., Type of Construction, and Year Constructed

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 3000 ON HONOAPIILANI HWY BY-PASS AT NORTH EDGE PAVEMENT OF CONNECTION WITH HONOAPIILANI HWY (RTE 30). 0.00 MI.

CULVERT | CULVERT | KAUAULA STREAM BR. | DICKENSON CONNECTOR | LAHAINALUNA RD OP | KAHOMA STREAM BR | KAPUNAKEA CONN. | WAHIKULI CONNECTOR (CIVIC CENTER) | KAANAPALI CONNECTOR | WAHIKULI GULCH BR | HAHAKEA GULCH BR | PUUKOLII CONNECTOR | HANAKAOO GULCH BR | HONOKOWAI STR BR | HONOAPIILANI CONN.

HONOAPIILANI HIGHWAY BY-PASS

0.75 MI. | 0.96 MI. | 2.08 MI. | 3.31 MI. | 3.46 MI. | 3.74 MI. | 4.07 MI. | 4.96 MI. | 5.52 MI. | 5.73 MI. | 5.88 MI. | 6.75 MI. | 7.48 MI. | 8.01 MI. | 8.58 MI.

END ROUTE 3000 ON HONOAPIILANI HWY BYPASS AT SOUTH EDGE OF PAVEMENT OF CONNECTION WITH HONOAPIILANI HWY (RTE 30). 8.95 MI.

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway – Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (2) | 4.19 | RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station

HPMS Section

AADT

4.19

DOD Sections

Census Tracts

Functional Classification MINOR ARTERIAL (14) | 4.19 | MINOR ARTERIAL (2)

National Highway System (NHS) ON NHS – UNBUILT

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Date Released
Dec 2004 JK
Revised
Nov., 06 D.B.
Feb., 09 D.B.

ROAD INVENTORY

MAUI RTE 3400

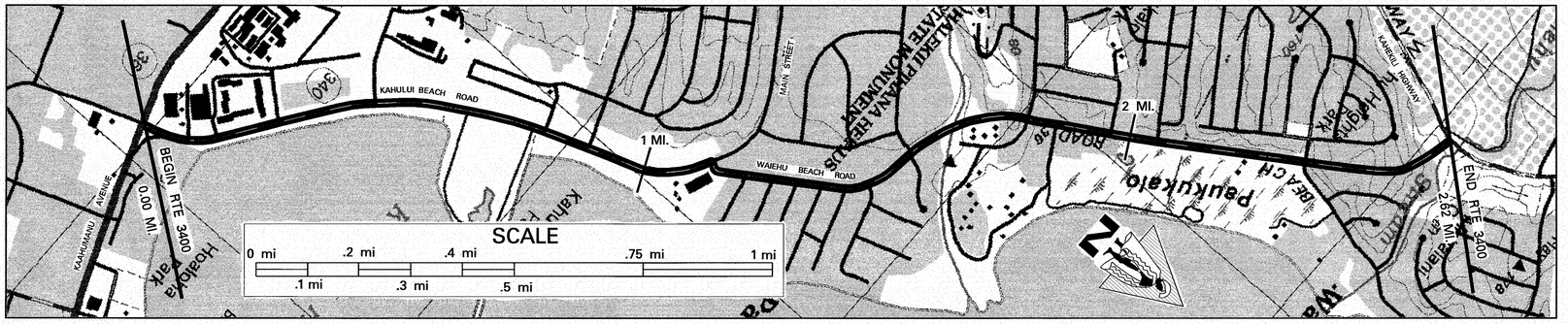
KAHULUI BEACH ROAD AND WAIEHU BEACH ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 2.62 miles
a. Survey Length: 2.62 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile

End 3400A on Main St. spur 80' N.W. of the centerline intersection with Waiehu Beach Rd. and Kahului Beach Rd. . End 3400A and begin 3400B on Waiehu beach Rd. 100' N. of centerline intersection with Kahului Beach Rd.

End 3400B and begin 3400C on Waiehu Beach Rd. 50' East of centerline intersection of Waiehu Beach Rd. and Kahekili Hwy. Also begin 3400C on Kahekili Hwy – see Route 340.

Maintenance Control Sections : Length and Description

0.04 Begin 3400A on Kahului Beach Road 220' N. of centerline intersection w/Kaahumanu Ave. — 3400A (1.11 MI) / SPUR 3400A (0.02 MI) — 1.15 — 3400B (1.46 MI) — 2.61 — 3400C (0.01 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1953 H20 182'
- Vertical Clearance
- Horizontal Clearance: 28'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 120' — 1.51 — 80' – 200' — 1.87 — 70' – 240'

Available Right of Way Width (Needs Study): COMMERCIAL / RESIDENTIAL — 1.31 — 1.38 — BRUSH — 2.32 — SAND

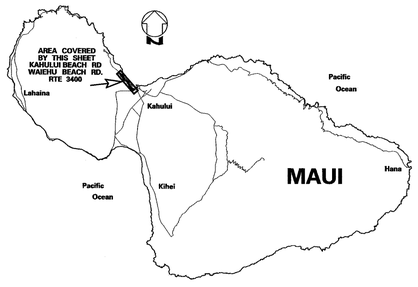
Right of Way Fence: Type – Right and Left: 1.17 — 1.48

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

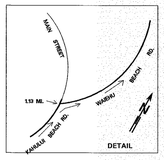
Project No., Type of Construction, and Year Constructed: 3400AB–02–90 1992 IMPROVEMENTS — 30+10 — HWY–M–05–04, IMPR. 2006 — 0.57 — 0.72 — 38+10 — 3400A–01–97 1998 — 1.31 — 3400B–02–98 2 WAY (L) TLS — 2.11

Project No., Type of Construction, and Year Constructed: 0.14 — 3400A–02–91 IMPROVEMENTS 1995 — 1.12 — 1.70 — 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



BEGIN ROUTE 3400 ON KAHULUI BEACH ROAD ON THE NORTHEAST EDGE OF PAVEMENT OF KAAHUMANU AVE (RTE 32)

0.00 MI.

DRIVEWAY — KAIHEE PLACE — MAUI CENTRAL PARK — SMALL BOAT HARBOR ROAD — BEACH ROAD — KANALOA AVE. — NISEI MEMORIAL CENTER ACCESS — MAIN ST. — ELUENE ST. — KAINALU PL. — LINEKONA PLACE END DIVIDED — KAIKOO STREET — KAILANA PLACE — BEGIN DIVIDED UKALI PLACE — EHA ST. — END DIVIDED — IAO BRIDGE — BEGIN DIVIDED — KUHIO PL. KAAE RD. — KUKONA PL. — KEALI'I PL. — MAKAALA DR. — END DIVIDED — BEGIN DIVIDED — WAILUPE DR. — END DIVIDED — WAILUKU URBAN BOUNDARY

0 MP — 35+00 — 1 MP — PAVED ROAD — NUKUWAI PLACE — 2 MP — LOWER WAIEHU BEACH RD.

KAHULUI BEACH ROAD — WAIEHU BEACH ROAD

0.00 mi. 0.08 mi. 0.27 mi. 0.46 mi. 0.63 mi. 0.79 mi. 1.00 mi. 1.02 mi. 1.19 mi. 1.20 mi. 1.25 mi. 1.29 mi. 1.30 mi. 1.35 mi. 1.39 mi. 1.44 mi. 1.46 mi. 1.54 mi. 1.60 mi. 1.62 mi. 1.70 mi. 1.78 mi. 1.79 mi. 1.83 mi. 1.94 mi. 2.00 mi. 2.03 mi. 2.11 mi. 2.26 mi. 2.32 mi. 2.38 mi.

END ROUTE 3400 ON WAIEHU BEACH ROAD AT THE CENTERLINE JUNCTION WITH KAHEKILI HIGHWAY ALONG THE WAILUKU URBAN BOUNDARY.

2.62 MI.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 4' AC 0.08 — 6' AC 1.15 — 11' AC 1.28 — 4' – 6' AC 1.87 — 6' AC 2.17 — 4' AC 2.24 — 6' AC 2.33 — 10' AC 2.44 — 6' AC
- Pavement: Width and Type: 12' AC 1.13 — 22' AC — 12' AC — 24' AC — 11' AC — 24' AC — 11' AC — 24' AC
- Shoulder: Width and Type: 0' 0.27 — 12' GRASS — 2' AC 0.80 — 0' — 2' AC 1.02 — 0' — 11' AC 1.28 — 4' – 6' AC — 0' — 4' AC 6" AC 1.70 — 6" AC — 11' PAINTED AC 2.11 — 6' AC 2.26 — 0' — 10' AC 2.44 — 6' AC

Median: Width and Type: 6'-24' GRASS W/CURB 0.16 — 0'-12' PAINT 0.33 — 0'-12' PAINT 0.47 — 12' GRASS (FLUSH) 0.57 — 0'-12' PAINT 0.89 — 12' GRASS (FLUSH) — 0'-12' PAINT 1.48 — 0'-8' PAINT 1.60 — 10' PAINT 2.38

Undivided
- Shoulder: Width and Type: 0' 0.27 — 2' AC 0.80 — 0' — 2' AC — 0' — 0' — 0' — 0'
- Pavement: Width and Type: 12' AC — 12' AC — 11' AC — 11' AC
- Shoulder: Width and Type: 4' AC 0.08 — 6' AC 1.13 — 4' – 6' AC — 6' AC — 6" AC 2.33 — 6" AC 2.38

Number of Traffic Lanes: 2 – 12' — 2 – 11' — 2 – 12' — 2 – 11' — 2 – 12' — 2 – 11' — 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.S. 12' UNLESS NOTED

(Right Side) ALL T.L.S. 12' UNLESS NOTED

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 0.08 — 4' AC 0.17 — 1.01 — 1.22 — 2.17 — 2.24

Curb and/or Gutter: Type (Right and Left) T.S. = TRIANGLULAR SWALE C. & G. = CURB & GUTTER B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH: T. S. — C. & G. — L.D.D. — B. C. — B. C.

Protective Devices: Type, Location and Number: 1.60 — 1.69 ← WOOD RAILS ON CONCRETE POSTS — 2.32 ← METAL RAILS ON CONCRETE POSTS

Illumination: Type, Location and Number: MV 0.06 — MV 0.28 — 1 MV 0.49 — MV 1.59

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 2.00 — –1 — 2.18

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT — 1.60 — ROLLING

Speed: 1–Design, 2–Posted: 30 MPH (2) / 35 MPH (2) — 1.29 — 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 1.13 — 3 PHASE — 1.54 — 3 PHASE

Traffic Stations (Current Year): 0.46 — B74 3400 00000 — 0.88 — 1.00 — B74 3400 00113 — 2.20 — 2.45 — B74 3400 00232

HPMS Sections – AADT 2007: 37,875 — 11,920 — 6,870

HPMS Sections – AADT 2006: 37,500 — 11,800 — 6,800 — 2.62

HPMS Sections – AADT 2005: 37,171 — 11,673 — 6,686

DOD Sections: 1.13 — 2.32

Census Tracts

Functional Classification: MINOR ARTERIAL (16)

National Highway System (NHS): NOT ON NHS (0)

Previous Projects: Project No., Date and Limits:

0.14 — 3400A–02–91 1995 IMPROVEMENTS — 1.13 — 1.88

3400AB–02–90 1992 IMPROVEMENTS — 3400A–01–88M 1988 RESURFACE

S–0340 (1) 1955, 1956 — 1.12 — COUNTY — 1.51 — S–247(1) 1952, 1953 — 1.87 — S–0341(3) 1966, 1967

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.

ROAD INVENTORY

MAUI RTE 3500
PUUNENE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

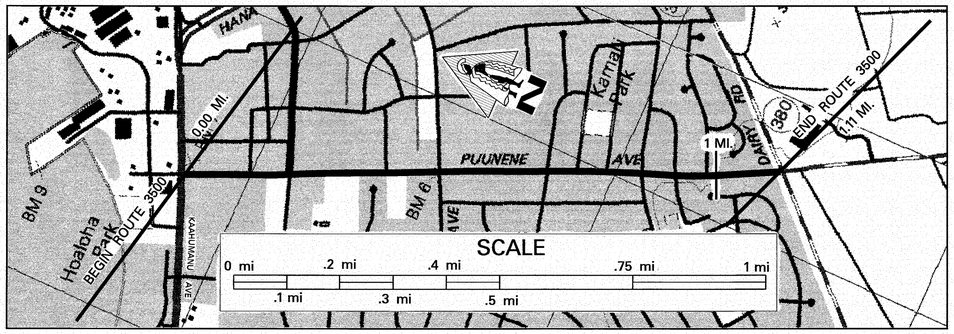
Total Route Length: 1.11 miles

a. Survey Length: 1.11 miles

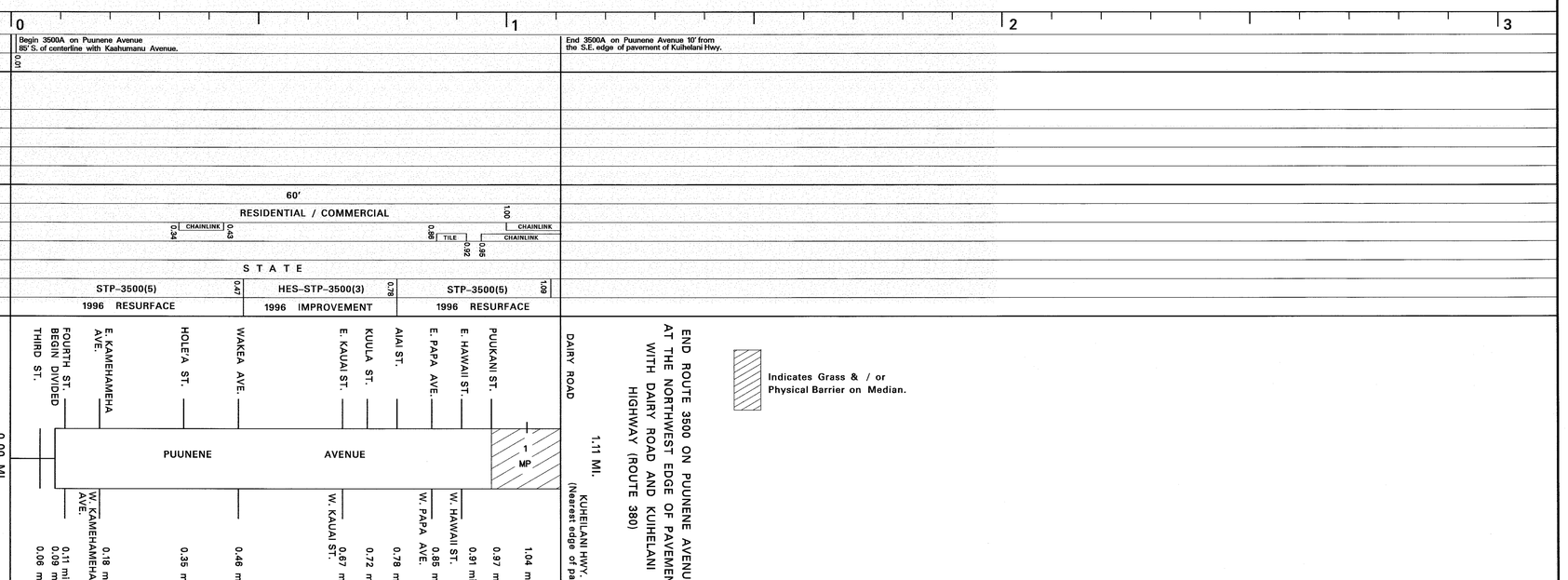
b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile



Maintenance Control Sections : Length and Description

Begin 3500A on Puunene Avenue 85' S. of centerline with Kaahumanu Avenue. 0.01

End 3500A on Puunene Avenue 10' from the S.E. edge of pavement of Kuihelani Hwy.

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies

60'

Available Right of Way (Needs Study)

RESIDENTIAL / COMMERCIAL 1.00

Right of Way Fence: Type – Right and Left

0.34 CHAINLINK 0.43 — 0.86 TILE 0.92 — 0.85 CHAINLINK

Control of Access: 1–None, 2–Partial, 3–Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

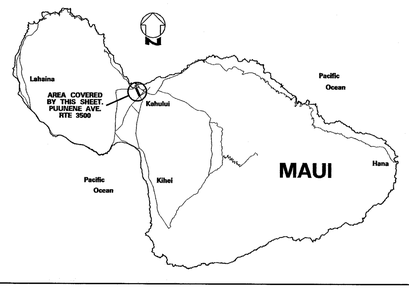
STATE

Project No., Type of Construction, and Year Constructed

STP–3500(5) 0.47 — HES–STP–3500(3) 0.78 — STP–3500(5) 1.08

1996 RESURFACE — 1996 IMPROVEMENT — 1996 RESURFACE

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 3500 ON PUUNENE AVENUE AT THE SOUTHEAST EDGE OF PAVEMENT WITH KAAHUMANU HIGHWAY (ROUTE 32)

0.00 MI.

FOURTH ST. BEGIN DIVIDED — E. KAMEHAMEHA AVE. — HOLE'A ST. — WAKEA AVE. — E. KAUAI ST. — KUULA ST. — AIAI ST. — E. PAPA AVE. — E. HAWAII ST. — PUUKANI ST. — 1 MP

PUUNENE AVENUE

THIRD ST. — W. KAMEHAMEHA AVE. — W. KAUAI ST. — W. PAPA AVE. — W. HAWAII ST.

0.06 mi. — 0.09 mi. — 0.11 mi. — 0.18 mi. — 0.35 mi. — 0.46 mi. — 0.67 mi. — 0.72 mi. — 0.78 mi. — 0.85 mi. — 0.91 mi. — 0.97 mi. — 1.04 mi.

DAIRY ROAD

1.11 MI.

KUHEILANI HWY. (Nearest edge of pav't)

END ROUTE 3500 ON PUUNENE AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH DAIRY ROAD AND KUIHELANI HIGHWAY (ROUTE 380)

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- Shoulder: Width and Type — 2' AC 0.46 4' AC 4' – 6' AC
- Pavement: Width and Type — 44' AC | 22' AC | 44' AC | 11' AC | 12' AC | 12'–24' AC | 24' AC
- Shoulder: Width and Type — 2'–4' AC | 0' | 2' AC | 0' | 6' AC

Divided Highway

- Median: Width and Type — 0.09 | 0' – 10' PAINTED | 0.28 | 0.38 | 11' PAINTED AC | 0.85 | 10' PAINTED AC | 0.73 | 12' PAINTED AC | 0.88 — 0'–30' TREES AND GUARDRAILS (L & R)
- Shoulder: Width and Type — 0' | 0' | 6' AC
- Pavement: Width and Type — 22' AC | 22' AC 0.45 | 11' AC | 12' AC
- Shoulder: Width and Type — 2' AC | 2' AC | 4' AC | 4' – 6' AC 0.88 1.05

Number of Traffic Lanes

4 – 11' — (L) 1–11' (R) 2–11' — 2 – 12' — 1 – 12' — 1 – 12' | 12'–24' | 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

0.04 | 11' | 0.20 | 10' | 0.24 — 0.41 | 11' | 0.53 — 0.62 | 10' | 0.67 — 0.74 | 10' | 0.78 — 0.80 | 12' | 0.85 — 1.05

(Right Side)

0.13 | 10' | 0.44 — 11' | 0.46 — 10' — 10' | 12' | 0.94 — 0.97 | 11' | 1.04

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

6'–8' CONC. S/W — 6' CONC. S/W — 4' BITUMINOUS S/W — 0.97

Curb and/or Gutter: Type (Right and Left)

6'–10' CONC. S/W — 4' AC S/W — 4' BITUMINOUS S/W

CONC. CURB — CONC. CURB

CONC. CURB — B.P. CURB 0.45

Protective Devices: Type, Location and Number

0.17 — 0.26 — 0.97 M / M

Illumination: Type, Location and Number

18 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

SMALL URBAN (2)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

F L A T

Speed: 1–Design, 2–Posted

30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

0.09 — 4 PHASE TRAFFIC LIGHT — 0.46 — 3 PHASE 0.85

Traffic Stations (Current Year)

B74 3500 00000 — 0.35 — B74 3500 00046 — 1.00

HPMS Sections – AADT 2007

19,495 — 25,050

HPMS Sections – AADT 2006

19,300 — 24,800

HPMS Sections – AADT 2005

19,064 — 24,590

DOD Sections

DOD 680 0.46

Census Tracts

Functional Classification

PRINCIPAL ARTERIAL (14)

National Highway System (NHS)

ON NHS (1)

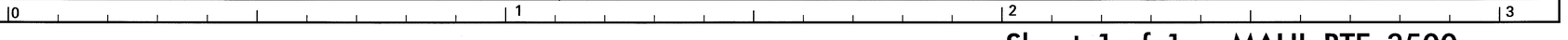
Previous Projects: Project No., Date and Limits

STP–3500 (5) 1996 RESURFACE 1.09

0.09 — HES 3500(4) 1994 — 0.28

380A–01–72 1976 RESURFACE 0.92 — M – 3500 1981

SCALE: (In Miles) 4" = 1 mile



Date Released
Oct 2004 GN
Revised
FEB.,06 D.B.
Nov., 06 D.B.

ROAD INVENTORY

MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

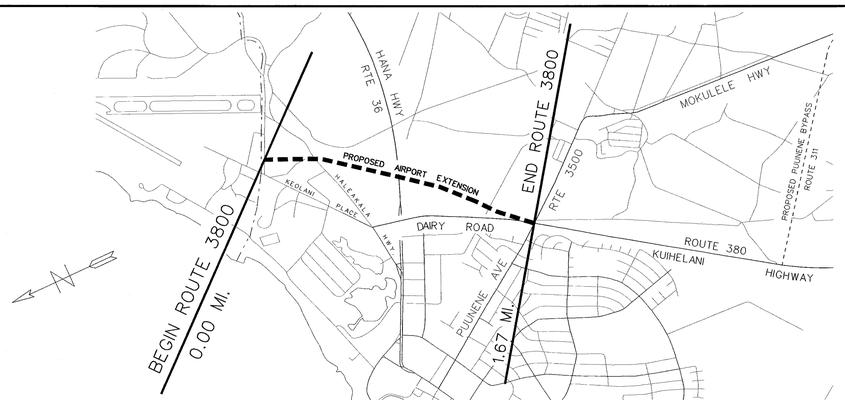
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length:	1.67	MILES (a+b)
a. Existing Length:	0.00	MILES
b. Proposed Length:	1.67	MILES
Total Travel Way Length:	0.00	MILES (a+b, less c)
a. Existing Length:	0.00	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

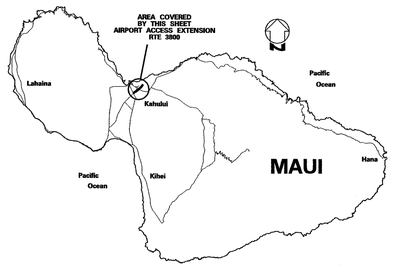
0 1 2 3 4 5

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) if varies
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type – Right and Left
- Control of Access: 1–None, 2–Partial, 3–Full
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
- Project No., Type of Construction, and Year Constructed
- Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

0.00 mi. Begin Route 3800 on Proposed Road at the Kahului Airport Boundry.

Proposed Airport Extension

End Proposed Rte 3800 at the Center-Line Intersection of Kuihelani Hwy and Puunene Ave (Rte 3500) 1.67 mi.

SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

Divided Highway — Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Divided Highway
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number
- Illumination: Type, Location and Number
- Curves: Degree of Curvature (Right and Left)
- Superelevation (Range)
- Grades: % Grade, Positive or Negative
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: Small Urban (2)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Station: B74 3800 00000
- DOD Sections
- Census Tracts
- Functional Classification: Principle Arterial (14)
- National Highway System (NHS): On NHS – Unbuilt
- Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

0 1 2 3 4 5

Date Released
July 2002, DB

Revised	
FEB.,06	D.B.
Nov., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

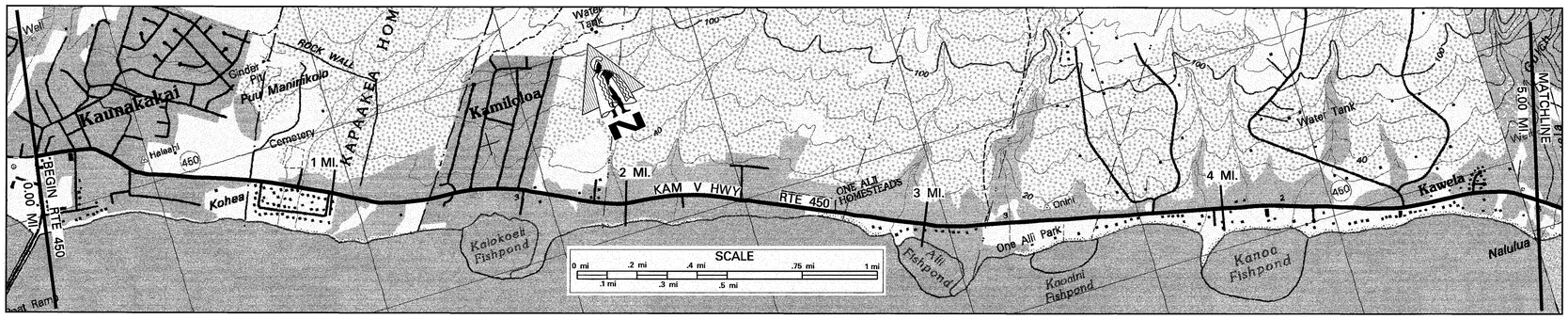
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

0.02 Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road. — 450A (10.13 MI)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- SLAB 1940 H15 — 25' (1.99)
- SLAB 1940 H20 — 23' (3.89)

Vertical Clearance

Horizontal Clearance
- 26' (1.99)
- 26' (3.89)

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 60' – 80' (0.01–1.00)
- 80' (1.00–3.46)

Available Right of Way Width (Needs Study)
- RESIDENTIAL AREA (0.01–1.00)
- TREES AND BUSHES (FEW HOMES) (3.46–5.01)

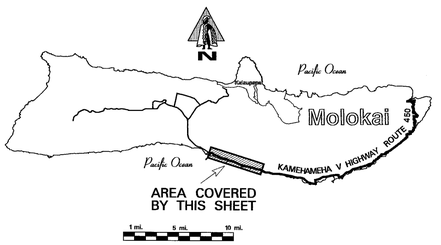
Right of Way Fence: Type – Right and Left
- WIRE ON WOOD 15' FROM PAVEMENT (3.46–3.96)
- WIRE ON WOOD 15' FROM PAVEMENT (3.96–5.01)

Control of Access: 1–None, 2–Partial, 3–Full
- NONE (0.01–1.78)
- STATE (1.78–5.01)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed
- 450AB–01–01M 2001 RESURFACE (0.01–1.28)
- STP–0450(7) 1998 (1.28–1.78)
- STP–0450(6) 1996 RESURFACE (1.80–5.01)

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 450 ON KAM V HIGHWAY AT THE EAST EDGE OF PAVEMENT OF KAUNAKAKAI PLACE (ROUTE 460)

0.00 mi. — KAM V HWY

MP			
0	0.02 mi.	MOHALA ST.	
	0.12 mi.	KAMOI ST.	
	0.18 mi.	AILOA ST.	
	0.25 mi.	OKI PLACE	
	0.28 mi.	KAUNAKAKAI SCH.	
	0.32 mi.	ROAD TO "DUKE MALIU" PARK	
	0.46 mi.	ALANUI KA'IMI IKE EDUCATION CTR.	
	0.69 mi.	KAPAAKEA LOOP	
	0.77 mi.	CULVERT	
	0.85 mi.	KAPAAKEA CEMETERY	
	0.86 mi.	CULVERT	
	0.89 mi.	KAPAAKEA LOOP	
	0.90 mi.	CULVERT	
	0.99 mi.	KAMILOLOA PLACE	
	1.00 mi.	HOTEL ENT.	
1	1.19 mi.	CULVERT	
	1.34 mi.	HOTEL ENT.	
	1.40 mi.	AAHI PLACE	
	1.42 mi.	CULVERT	
	1.47 mi.	ILIAHI PLACE	
	1.53 mi.	CULVERT	
	1.56 mi.	KAHINANI PLACE	
	1.62 mi.	CULVERT	
	1.63 mi.	OPUA PLACE	
	1.70 mi.	OHAI ALII PLACE	
	1.89 mi.	KAMILOLOA BRIDGE	
2	1.99 mi.	PANO PLACE	
	2.00 mi.	CULVERT	
	2.39 mi.	ONEALII PARK #1	
	2.47 mi.	KAWELA PLANTATION #3	
	3.00 mi.	MAKAKUPAIA BRIDGE	
3	3.33 mi.	PAVED ROAD	
	3.76 mi.	PAVED ROAD	
	3.94 mi.	CULVERT	
	4.01 mi.	KAMAKAANA PLACE	
	4.30 mi.		
	4.59 mi.		
4	4.66 mi.		
	4.84 mi.		
	5.00 mi.		
5			

CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway

Undivided

Shoulder: Width and Type
- 6' AC (2.89–3.89)
- 4' AC (3.89–5.01)

Pavement: Width and Type
- 24' AC (0.02–1.99)
- 22' AC (1.99–3.89)

Shoulder: Width and Type
- 6' AC (2.89–3.89)
- 4' AC (3.89–5.01)

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes
- 2 – 12' (0.02–1.99)
- 2 – 11' (1.99–3.89)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- NONE (0.02–5.01)

(Right Side)
- NONE (0.02–5.01)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)
- 6' BP (0.27–1.01)

Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number
- 3.92–3.96

Illumination: Type, Location and Number
- MERCURY VAPOR (1.00–1.48)
- MERCURY VAPOR (2.37–2.90)
- 1 MV (2.90–3.35)
- 1 MV (3.35–3.89)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
- 0.49 | 0 | 0.73 | 0.91 | –1 | 1.14 | 1.75 | +1 | 1.87 | 2.32 | 0 | 2.47 | 2.50 | 0 | 2.98

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- RURAL (1) (0.02–5.01)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- F L A T (1) (0.02–5.01)

Speed: 1–Design, 2–Posted
- NOT POSTED (0.02–0.89)

Intersection Control Devices: Type, Location and Cycle Timing
- 35 MPH (2) (0.02–5.01)

Traffic Stations (Current Year)
- 0.22 B75 0450 00000
- 1.36 B75 0450 00134
- B75 0450 00189 3.94

HPMS Sections – AADT 2007
- 5,875
- 4,545
- 1,195

HPMS Sections – AADT 2006
- 5,813
- 1.94 — 4,500 — 1.99
- 1,182

HPMS Sections – AADT 2005
- (5,395) ← 0.02
- 5,401
- 1.31 — 4,445 — 1.99
- 2,047

DOD Sections

Census Tracts

Functional Classification
- MAJOR COLLECTOR (7) (0.02–5.01)

National Highway System (NHS)
- NOT ON NHS (0) (0.02–5.01)

Previous Projects: Project No., Date and Limits
- HWY–M–06–96M 1997 (0.02–1.80)
- HWY–M–02–90 1991 SHOULDER IMPROVEMENT (1.80–3.89)
- 0.51 RS–0450(4) 1988 RESURFACE (1.99–3.89)
- RS–0450(1) 1979 RESURFACE (3.89–5.01)
- 450A–01–72 1972 RESURFACE (1.99–3.89)
- FAS 2A 1940 (3.89–5.01)
- COUNTY (1.00–1.90)
- FAS 2A(1) 1938 (1.90–5.01)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN
Revised	
Nov., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

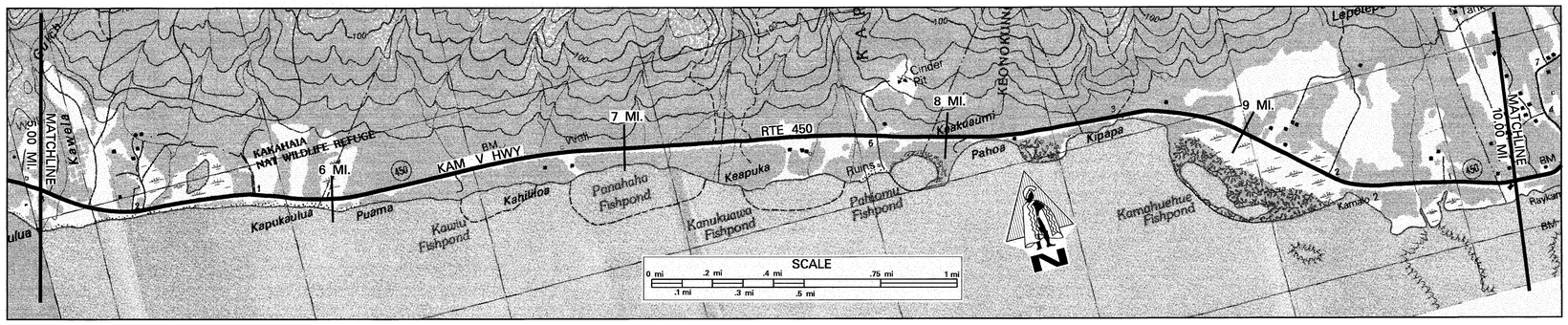
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

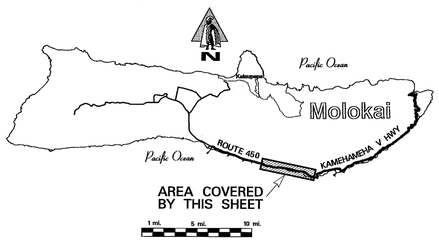
b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



	SCALE: (In Miles) 4" = 1 mile	5 6 7 8 9 10
	Maintenance Control Sections : Length and Description	450A (10.13 MI)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940 H15 46' (5.00); PRESTRESSED CONCRETE SLAB 1981 HS-20-44 43' (9.85)
Structure Carrying Road	Vertical Clearance	
Structure Carrying Road	Horizontal Clearance	26' (5.00); 28' (9.85)
Structure Over Road	Vertical Clearance	
Structure Over Road	Horizontal Clearance	
	Right of Way Width (min.–max.) if varies	
	Available Right of Way Width (Needs Study)	
	Right of Way Fence: Type – Right and Left	WIRE ON WOOD 15' FROM PAVEMENT (5.00–5.52); NONE (5.52–9.15); WIRE ON WOOD (9.15–10.00)
	Control of Access: 1–None, 2–Partial, 3–Full	NONE (WIRE ON WOOD 15' FROM PAVEMENT)
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
	Project No., Type of Construction, and Year Constructed	450AB-01-01M 2001 RESURFACE (7.17–10.00)
	Project No., Type of Construction, and Year Constructed	STP-0450(6) 1996 RESURFACE (5.00–7.19); STP-0450(7) 1998 (7.19–7.84); STANDARD WORD SIZE (7.84–10.00)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi.

KAWELA BRIDGE (5.00); KAWELA PLANTATION #1 (5.11); CULVERT (5.22); CULVERT (5.42); CULVERT (5.52); ECB (R) (5.75); CULVERT (6.01); CULVERT (6.19); CULVERT (6.46); CULVERT (7.01); CULVERT (7.15); FORD (7.76); PROJ. MARKER (8.03); KAMALO BRIDGE (9.65); CULVERT (9.84); CULVERT (9.91)

KAMEHAMEHA V HIGHWAY

5 MP; 6 MP; 7 MP; 8 MP; 9 MP

CONTINUED ON SHEET #3
10.00 mi.

	SCALE: (In Miles) 4" = 1 mile	5 6 7 8 9 10
Divided Highway – Undivided	Shoulder: Width and Type	GRASS UNLESS NOTED
Divided Highway – Undivided	Pavement: Width and Type	4' AC (5.00–7.84); 25'–30' (7.84–7.96); 8' (7.96–8.27); 30' (8.27–8.42); 6' (8.42–8.48); 30' (8.48–8.75); 20' DIRT (8.75–9.14); 10' GRV (9.14–9.38); 10' (9.38–9.94)
Divided Highway – Undivided		22' AC (5.00–7.14); 20' AC (7.14–9.94)
Divided Highway – Undivided	Shoulder: Width and Type	GRASS UNLESS NOTED; 4' AC (5.00–7.14); 20' (7.14–7.96); 10' (7.96–8.13); 15' DIRT (8.13–8.29); 8' (8.29–8.53); 10' (8.53–8.77); 15' (8.77–8.94); 18' DIRT (8.94–9.38); 8' (9.38–9.53); 6' DIRT (9.53–9.81); 4' (9.81–9.94); 10' (9.94–10.00)
Divided Highway	Median: Width and Type	(8.03)
Divided Highway	Shoulder: Width and Type	
Divided Highway	Pavement: Width and Type	
Divided Highway	Shoulder: Width and Type	
	Number of Traffic Lanes	2 – 11' (5.00–7.14); 2 – 10' (7.14–10.00)
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
	(Right Side)	NONE
	Frontage Road: No. of Lanes, and Width (Right and Left)	
	Sidewalk: Width and Type (Right and Left)	
	Curb and/or Gutter: Type (Right and Left)	
	Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL (5.00–5.13; 6.17–6.21; 6.44–6.47; 7.11–7.15; 7.26–7.28; 9.53–9.65)
	Illumination: Type, Location and Number	
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	
	Grades: % Grade, Positive or Negative	0 (5.43–5.63); –1 (6.89–7.12)
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	RURAL (1)
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (5.00–6.14); ROLLING (6.77–8.52); FLAT (8.52–8.71); FLAT (8.71–10.00)
	Speed: 1–Design, 2–Posted	35 MPH (2) (5.00–6.19); 45 MPH (MIN. 35 MPH) (2) (6.77–8.71); 35 MPH (1) 35 MPH (2) (8.71–10.00)
	Intersection Control Devices: Type, Location and Cycle Timing	
	Traffic Stations (Current Year)	B75 0450 00189 (5.00); B75 0450 00522 (6.46); B75 0450 00784 (7.84)
	HPMS Sections – AADT 2007	1,195 (5.00–5.22); 1,195 (5.22–7.84); 1,040 (7.84–10.00)
	HPMS Sections – AADT 2006	1,182 (5.00–5.22); 1,182 (5.22–7.84); 1,030 (7.84–10.00)
	HPMS Sections – AADT 2005	2,047 (5.00–5.11); 2,054 (5.11–6.76); 1,121 (6.76–10.00)
	DOD Sections	
	Census Tracts	
	Functional Classification	MAJOR COLLECTOR (7)
	National Highway System (NHS)	NOT ON NHS (0)
	Previous Projects: Project No., Date and Limits	HWY-M-06-96M 1997 (7.17–10.00)
		RS-0450(1) 1979 RESURFACE (5.00–7.14); 450AB-01-89M 1990 RESURFACE (7.14–10.00)
		FAS 2A 1940 (5.00–7.13); STA. 390+50 → (7.39); S-2(2) 1947; ← STA. 430+25 (8.14); STA. 0+00 → 450AB-01-76M 1976 RESURFACE (8.14–10.00)
		FAS 2A(1) 1938 (5.00–7.13); COUNTY (8.14–10.00)
	SCALE: (In Miles) 4" = 1 mile	5 6 7 8 9 10

Date Released	
Oct 2004	GN
Revised	
Aug., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

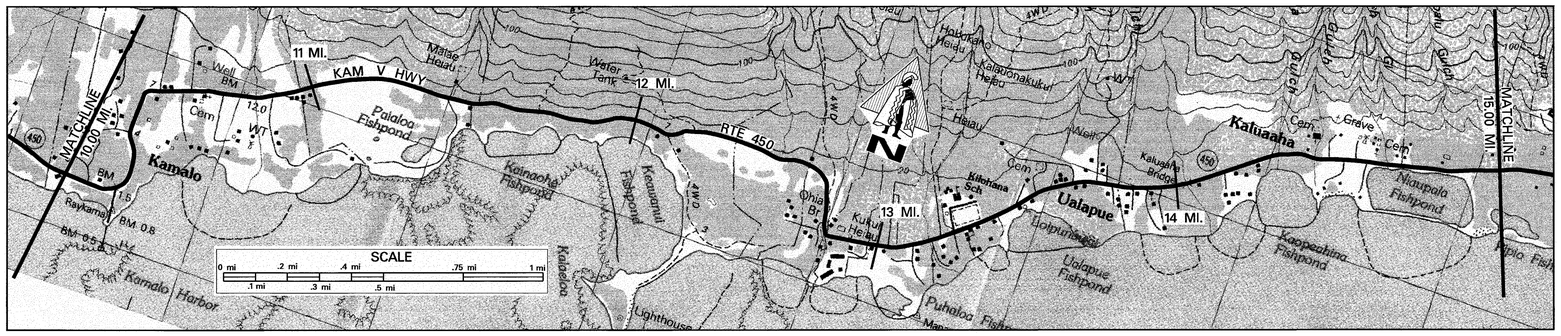
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description

BEGIN 450 B SAME AS BEGIN SR 450 — 450B (17.43 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

PRE-STRESSED SLAB 1979 HS-20 (22') — PRE-STRESSED SLAB 1979 HS-20 (36')

Vertical Clearance

Horizontal Clearance

18' — 21'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

80'

Available Right of Way Width (Needs Study)

TREES AND LARGE BUSHES W / SOME HOMES AND OPEN PASTURE

Right of Way Fence: Type – Right and Left

WIRE ON WOOD — WIRE ON METAL CHAIN LINK (11.99 – 13.03) — WIRE

Control of Access: 1–None, 2–Partial, 3–Full

NONE

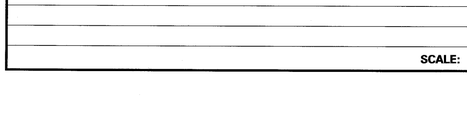
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

Project No., Type of Construction, and Year Constructed

450AB–01–01M RESURFACE 2001 (11.35) — 450B–01–02M RESURFACE 2003

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

AREA COVERED BY THIS SHEET

CONTINUED FROM SHEET #2 — 10.00 mi.

KAMALO WHARF ROAD (10.15) — FORD (10.84) — (11.02) — CULVERT (12.03) — CULVERT (12.12) — CULVERT (12.52) — OHIA BRIDGE (12.81) — Road to WAVECREST RESORTS (12.93) — HAW'N TEL. SUBSTATION (13.01) — FORD (13.17) — KILOHANA SCHOOL (13.26) — UALAPUE PLACE (13.43) — KALUAAHA BRIDGE (14.02) — KEALA NUI OHINA PL. (14.15)

KAMEHAMEHA V HIGHWAY

10 MP — 11 MP — 12 MP — 13 MP — 14 MP

CONTINUES ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway — Undivided

Shoulder: Width and Type (ALL GRASS UNLESS NOTED)

6' – 8' (10.70) — 4' (10.75) — 6' (10.90) — DIRT (11.04) — 8' (11.18) — 6' (11.33) — 2' – 4' AC (12.39) — 4' AC / 2' GRASS (14.05) — 2' – 4' AC

Pavement: Width and Type

18' AC

Shoulder: Width and Type (ALL GRASS UNLESS NOTED)

4' – 6' (10.85) — 8' (10.73) — 6' (10.98) — 4' (11.24) — 6' — 2' – 4' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

NONE

(Right Side)

NONE

Frontage Road: No. of Lanes, and Width (Right and Left)

NONE

Sidewalk: Width and Type (Right and Left)

NONE

Curb and/or Gutter: Type (Right and Left)

NONE

Protective Devices: Type, Location and Number

METAL ON METAL (12.11 – 12.19) — METAL ON METAL (14.00 – 14.03 – 14.01)

Illumination: Type, Location and Number

1 INCA. (10.45)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

FLAT (1)

Speed: 1–Design, 2–Posted

35 MPH (1) (10.71) — 30 MPH (2) (13.69) — 20 MPH (SCHOOL ZONE) (14.13) — 30 MPH (2)

35 MPH (2) (13.12) — 20 MPH (SCHOOL ZONE) (14.05)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

10.05 B75 0450 00784 — B75 0450 01133 (13.00) — B75 0450 01447

HPMS Sections – AADT 2007

1,040 — 1,145 — 790

HPMS Sections – AADT 2006

1,030 (11.39) — 1,134 — 781 (14.47)

HPMS Sections – AADT 2005

1,121 (10.15) — 1,136 (10.55) — 1,121 (12.16) — 1,109 (12.84) — 1,100 (13.38) — 1,109 (13.74) — 902 (924) (14.02 – 14.07) — 902 (14.45) — 902 (14.92) — 594

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

450AB–01–01M 2001 RESURFACE (11.35)

HWY–M–01–96M 1997 (14.03 | 14.05)

450AB–01–89 1990 RESURFACE (12.35)

450B–02–88 1988 SHOULDER IMPROVEMENTS (14.03 | 14.07)

450B–01–94M 1996 RESURFACE

14.35 STP–0450(5) 1994 GUARDRAIL SHDLR. IMPROV.

450AB–01–76M 1976 RESURFACE (11.33)

450B–01–76M 1976 RESURFACE (14.03 | 14.07)

COUNTY

450B–01–80M 1980 RESURFACE

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Oct 2004 GN
Revised	
Nov., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

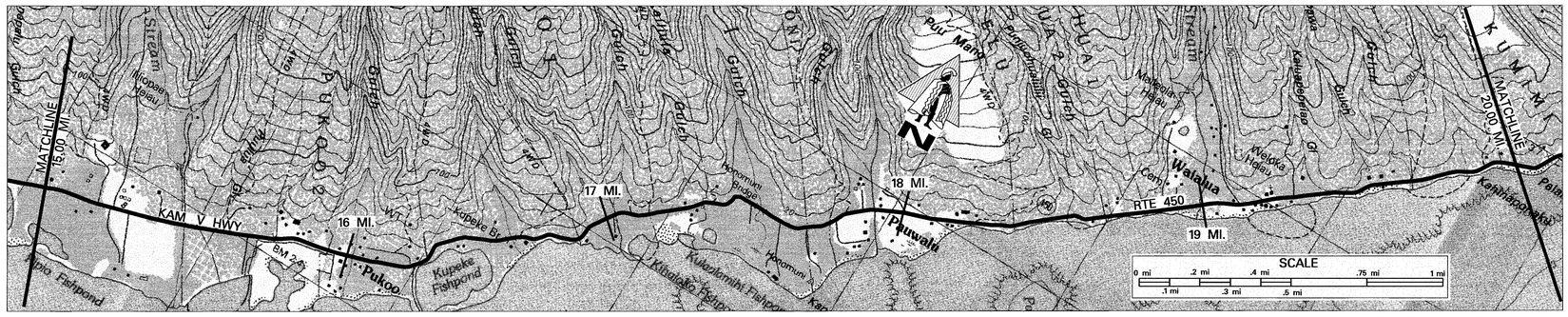
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


MATCHLINE 15.00 MI.
KAM V HWY
16 MI.
17 MI.
18 MI.
19 MI.
RTE 450
MATCHLINE 20.00 MI.
Pukoo
Kupeke Fishpond
Kaupoa Fishpond
Kaupoa Pond
Kaupoa Gulch
Kaupoa Stream
Kupeke Br.
Kupeke Gulch
Kupeke Stream
Kaluaolomihi Fishpond
Kaluaolomihi Ridge
Kaluaolomihi Gulch
Kaluaolomihi Stream
Momomuni Ridge
Momomuni Gulch
Momomuni Stream
Kaluaolomihi Fishpond
Kaluaolomihi Gulch
Kaluaolomihi Stream
Kaluaolomihi Ridge

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

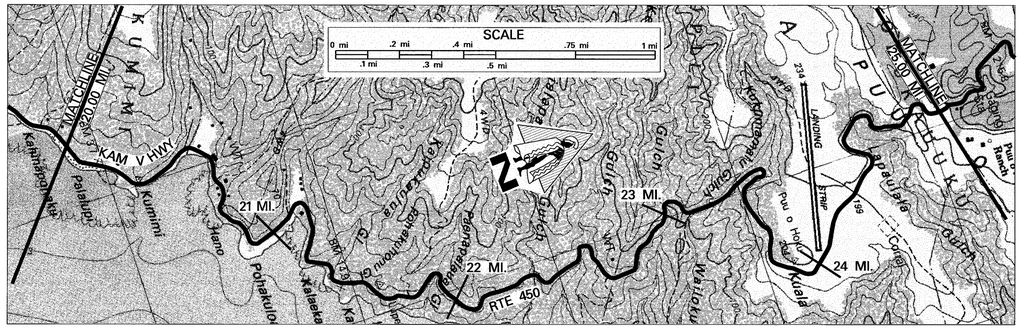
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*


SCALE
0 mi .2 mi .4 mi .75 mi 1 mi
.1 mi .3 mi .5 mi
MAKAKUPAIA POINT
MAKAPUU POINT
KUMIMI
KAM V HWY
Kumimi
Halo
Pohakuloa
Kaheka
Kapaeokuhiu Gulch
Kapaeokuhiu
Guard
Gulch
Waiohuli
Gulch
Kapaeokuhiu
Gulch
Waiohuli
Gulch
Kapaeokuhiu
Gulch
Kapaeokuhiu
Gulch
Kapaeokuhiu

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

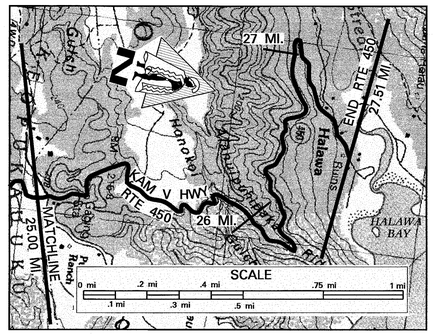
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Maintenance Control Sections : Length and Description

450 B (17.43 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

CULVERT

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

WOOD ON WIRE 10'-15' FROM PAVEMENT 25.55
WOOD ON WIRE 10'-15' FROM PAVEMENT

Control of Access: 1–None, 2–Partial, 3–Full

NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

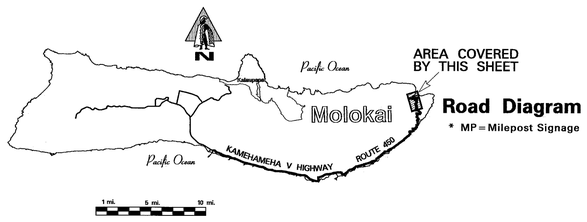
275+60 27.51

Project No., Type of Construction, and Year Constructed

450–01–05M, Resurf., 2008

Project No., Type of Construction, and Year Constructed

450B–01–92M RESURFACE 1993



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #5 25.00 mi.

CULVERT 25.08 mi.
FORD 25.75 mi.
KAMEHAMEHA V HIGHWAY
26 MP 25.98 mi.
27 MP 26.97 mi.
ROAD TO CHURCH 27.40 mi.
PARK ROAD 27.46 mi.

27.51 mi.

END ROUTE 450 ON KAMEHAMEHA V HIGHWAY AT THE END OF PAVEMENT.

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Divided Highway – Undivided

Shoulder: Width and Type

2' AC

Pavement: Width and Type

14' AC

Shoulder: Width and Type

2' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 7'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

NONE

(Right Side)

NONE

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

NONE

Curb and/or Gutter: Type (Right and Left)

NONE

Protective Devices: Type, Location and Number

25.07 (CRM) ROCK WALL M/M 26.15 26.09 M/M 28.86 27.01 M/M 27.02 27.14

Illumination: Type, Location and Number

NONE

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

MOUNTAINOUS 27.10 ROLLING

Speed: 1–Design, 2–Posted

20 MPH (2) 25.01 SPEED NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B75 0450 02494

HPMS Sections – AADT 2007

405

HPMS Sections – AADT 2006

400

HPMS Sections – AADT 2005

422

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

COUNTY

SCALE: (In Miles) 4" = 1 mile

25 | 26 | 27 | 28 | 29 | 30

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.
Feb., 09 D.B.

ROAD INVENTORY

MOLOKAI RTE 460

KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

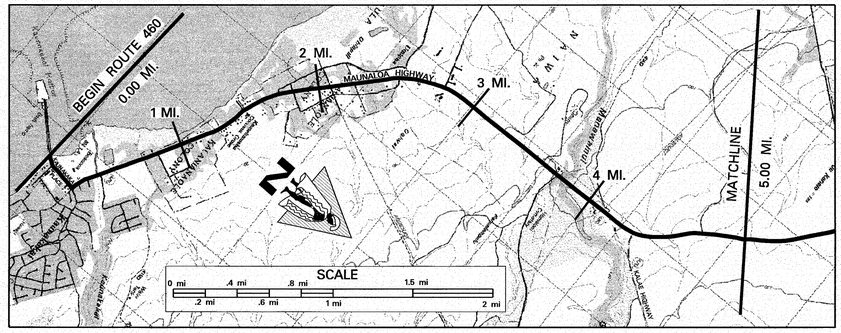
Total Route Length: 16.56 miles

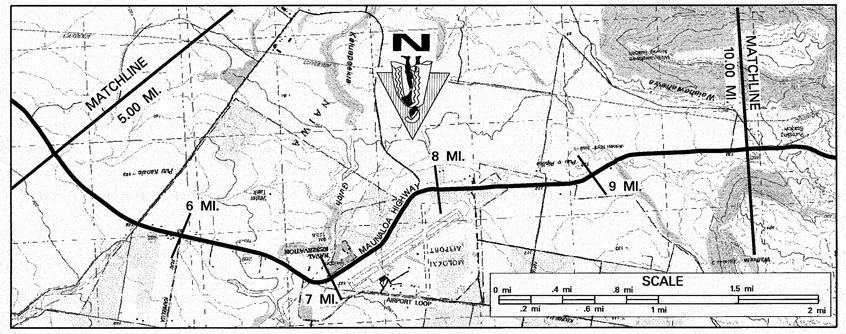
a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

Begin 460A Same As Begin Rte 460 — 460A (16.56 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Culvert 1959 (1971) HS–20 — 73' — 0.43 — 36'

Slab 1954 H–20 — 35' | 35' | 35' | 35' — 1.66 | 1.83 | 2.29 | 2.54 — 36' | 36' | 36' | 36'

Prestressed Conc. Girder 1988, HS–20–44 — 364' — 3.76 — 41'

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies

80' (1.53–3.17) | 70'–160' (3.17–4.19) | 80'–160' (4.19–5.72) | 50' (5.72–6.91) | 80'–110' (6.91–7.84) | 100' (7.84–9.80) | 80'–400'

Available Right of Way Width (Needs Study)

Residential Area | 1000' Clear – Grass, Bushes 10'–15' from Pavement (2.02–4.01) | 1000' Clear Pineapple 15'–25' from Pavement (4.46–5.71) | Ranch and Pasture (6.04–7.04) | Airport 30' (7.04–7.49) | Clear 1000' Pineapple/Grass Pasture (7.49–8.31)

Wire on Wood 10' from Pavement (2.02–4.01)
Wire on Wood 10' from Pavement (1.98–2.02)
Wire on Wood 10' from Pavement (6.04–8.31)
ChainLink (7.09–7.49)

Right of Way Fence: Type – Right and Left

None

Control of Access: 1–None, 2–Partial, 3–Full

State

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

5.49 | 5.51

Project No., Type of Construction, and Year Constructed

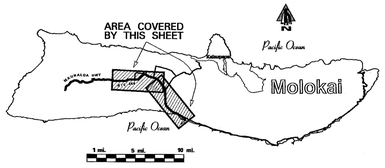
STP–0460(12), Resurface, 1998

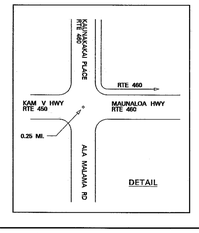
Project No., Type of Construction, and Year Constructed

STP–0460(11), 1997

Road Diagram

* MP = Milepost Signage





BEGIN RTE 460 0.00 MI. AT THE BEGINING OF KAUNAKAKAI WHARF. — KAUNAKAKAI PLACE (KAUNAKAKAI MONUMENT) — MAUNALOA HIGHWAY

Hilo Pl. | Beach Pl. | Pollution Control Road | End Ford | Kamoi St. | Kaunakakai Place | Ala Malama Jct. | Begin Ford | End "Truck Weigh Sta." | Weigh Sta. | Olaolo Pl. | End Divided | Rd. to Church (R) | 'Ulili Street (L) | Begin Divided | Kaunakakai Place | Kaiakamilo Rd. (L) | Kaiakamilo Rd. (R) | Kaiakamilo Rd. (Ewa) | Kaiakamilo Rd. (Diamond Head

ROAD INVENTORY

MOLOKAI RTE 460

KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

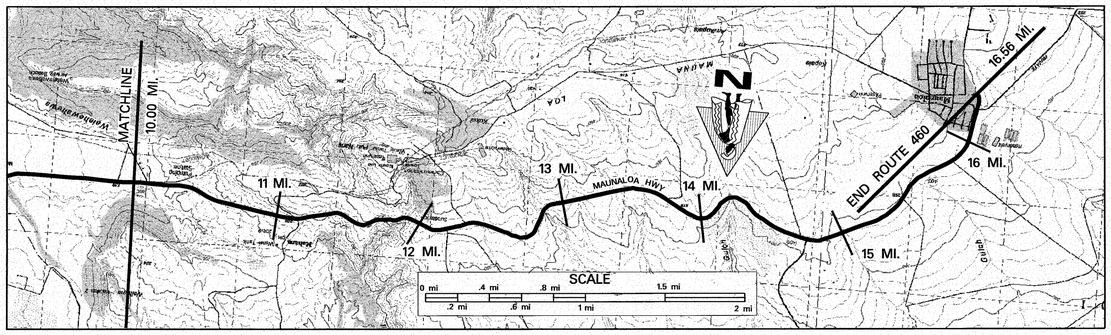
Total Route Length: 16.56 miles

a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 End 460 A same as end Rte 460 17 18 19 20

Maintenance Control Sections : Length and Description — 460 A (16.56 mi.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies — 80' – 400'

Available Right of Way Width (Needs Study) — (Clear 1000' Pineapple/Grass Pasture) 1000' Clear – Grass, Bushes, 10'–20' from Pavement

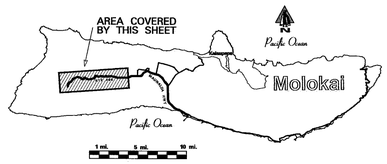
Right of Way Fence: Type – Right and Left — 10.28 Wire on Wood 20'–30' from Pavement 14.89; Wire on Wood 20'–30' from Pavement 13.19

Control of Access: 1–None, 2–Partial, 3–Full — None

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — State

Project No., Type of Construction, and Year Constructed — 460A–01–99M, Resurface, 2000

Project No., Type of Construction, and Year Constructed — STP-0460(12) Resurface, 1998 | 460A–01–91M, Shldr. Paving, 1992 | RS–0900(24), Resurface, 1986



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

Culvert 10.83 mi. — Culvert 10.96 mi. — Kulakoi Resort 11.13 mi. — ECB #19 11.97 mi. — End Divided 12.93 mi. — Ka'Ana St. 14.01 mi. — Begin Divided 14.87 mi. 14.91 mi. — 16.00 mi. — 16.23 mi. — 16.32 mi. — 16.40 mi. — 16.56 mi.

MAUNALOA HWY

MP 11 · MP 12 · MP 13 · MP 14 · MP 15 · MP 16 · MP 17

END RTE 460 ON MAUNALOA HIGHWAY AT THE NORTHERN MOST END OF THE WEST END OF MAUNALOA VILLAGE AT "END STATE HIGHWAY" SIGN. 16.56 MI.

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

Divided Highway — Undivided

- Shoulder: Width and Type — 4' AC | 8' AC | 4' AC | 10' 8' 15' 10' 8' 9'–15' 14' (9'–14' Grv.) (15')
- Pavement: Width and Type — 22' AC | 11' AC, 14' Grass
- Shoulder: Width and Type — 4' AC | 10' 8' 15' 10' 8' 9'–15' 14' 0 (14') (9'–14' Grv.) (15')
- Median: Width and Type — (12' Painted AC)
- Median Barriers:
- Shoulder: Width and Type — 0
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes — 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — All 2' Conc. Gutter unless otherwize noted — 3' Gutter

Protective Devices: Type, Location and Number — Metal Rails on Concrete Posts unless otherwise noted. M = Metal Rails on Metal Posts

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range) — 16.50

Grades: % Grade, Positive or Negative — −2 | −6 | −6 | −8 | −5 | −3 | +1 | −2 | +2 | −1 | −2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — Flat 10.21 | Rolling

Speed: 1–Design, 2–Posted — 45 MPH (2); (45 MPH (2)) 16.27; 20 MPH (2) 16.07; (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — 10.96 B75 0460 00831; B75 0460 01494 16.20

HPMS Sections – AADT 2007 — 1,350 | 880

HPMS Sections – AADT 2006 — 1,336 | 869

HPMS Sections – AADT 2005 — 1,268 | 1,093 | 1,093 | 1,056 | 1,211 | 873 | 979 | 828

DOD Sections

Census Tracts

Functional Classification — Major Collector (7)

National Highway System (NHS) — Not on NHS (0)

Previous Projects: Project No., Date and Limits — (460A–01–70, Slope Imprv., 1971); (46A–01–71, Resurface, 1971); 460A–01–91M, Shldr. Paving, 1992; 460B–01–83M, Resurface, 1983; RS–0900(24), Resurface, 1986; (46A–01–71, 1971); FAS 21(1), 1949

Date Released
Mar. 04, D.B.
Revised
Nov., 06 D.B.
Mar., 09 D.B.

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

ROAD INVENTORY

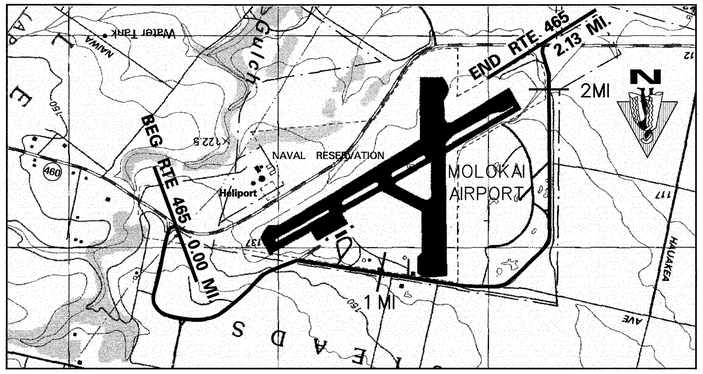
MOLOKAI RTE 465
AIRPORT LOOP

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 2.13 MILES (a+b)
a. Existing Length: 2.13 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 2.13 MILES (a+b, less c)
a. Existing Length: 2.13 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): COUNTY
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 465 ON EAST JUNCTION OF AIRPORT LOOP AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 0.00 MI.

AIRPORT LOOP

Mokulele Street 0.35 mi. | Hoolehua Airport Road 0.86 mi. | Paved Roads 1.00 mi. | 1.07 mi. | Dirt Road 1.22 mi. | Paved Road 1.58 mi. | Dirt Road 1.63 mi. | Dirt Road 1.90 mi.

END RTE 465 ON WEST JUNCTION OF AIRPORT LOOP AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 2.13 Mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: Dirt / Grass
- Pavement: Width and Type: 18' AC | 18' BP
- Shoulder: Width and Type: Dirt / Grass

Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling
Speed: 1–Design, 2–Posted: Not Posted
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B75 0465 00000 (0.12) | B75 0465 00035 (0.83) | B75 0465 00086 (2.09)
HPMS Sections – AADT 2007: 820 | 235 | 205
HPMS Sections – AADT 2006: 810 | 229 | 200
HPMS Sections – AADT 2005: 666 | 822 | 174
DOD Sections
Census Tracts
Functional Classification: Major Collector (7)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jun 2002, JK	
Revised	
Nov., 06	D.B.

ROAD INVENTORY
MOLOKAI RTE 470
KALAE HIGHWAY

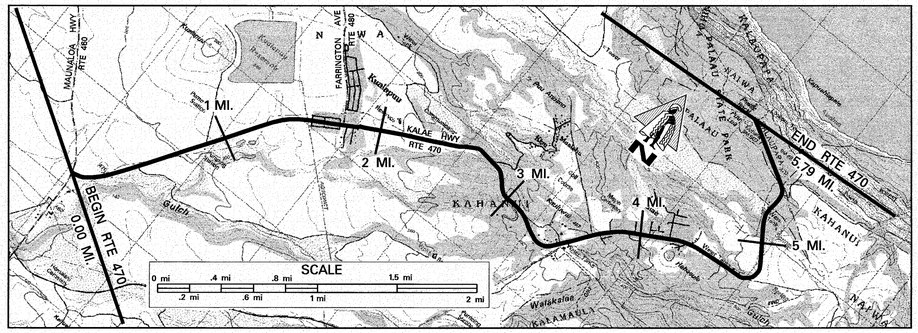
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 5.79 miles
a. Survey Length: 5.79 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Begin 470A same as begin route | 470A (5.79 MI.) | End 470A same as end route.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

80' – 120' | 3.49 | 60' – 70' | 5.09 | 60' – 130'

Right of Way Width (min.–max.) if varies

1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT | 1.57 | RES. AREA | 1.89 | 2.26 | PASTURE AREA W/ SOME HOUSES | LARGE TREES & BUSHES

Available Right of Way Width (Needs Study)

NONE | 1000' CLR PINEAPPLE 20' FROM PAV'T | WIRE ON WOOD 10' – 25' FROM PAVEMENT | 5.09
WIRE ON WOOD 10' – 25' FROM PAVEMENT

Right of Way Fence: Type – Right and Left

NONE

Control of Access: 1–None, 2–Partial, 3–Full

STATE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

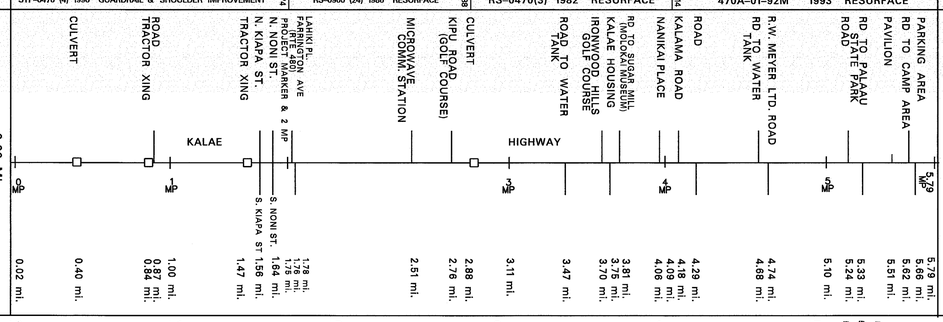
0.01 | STP–0470 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A–01–00M 2001 RESURFACE

Project No., Type of Construction, and Year Constructed

STP–0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT | 1.74 | RS–0900 (24) 1986 RESURFACE | 2.88 | RS–0470(3) 1982 RESURFACE | 4.34 | 470A–01–92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

6' AC | 1.40 | 8' AC | 1.74 | 6' AC | 4.18 | 6' GRAVEL | 5.08 | 5.33 | 5.42 | 5.53 | 6' AC

Pavement: Width and Type

2.42 | 3" AC | 0.20 | 24' AC | 1.73 | 18' AC | 2.88 | 20' AC | 5.33 | 4" AC | 6" GRV | 5.42 | 4" AC | 6" GRV

Shoulder: Width and Type

0.08 | 6' AC | 8' AC | 1.74 | 6' AC | 4.34 | 8' GRAVEL | 5.09 | 1" AC | 4" GRV | 5.33 | 6' AC

Median: Width and Type

5.09 | 1" AC | 4" GRV | 5.19

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2.12 | 1–18' 1–12' | 0.20 | 2 – 12' | 1.73 | 2 – 9' | 2.88 | 2 – 10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

0.08 | NONE

(Right Side)

NONE

Frontage Road: No. of Lanes, and Width (Right and Left)

NONE

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — ALL CONCRETE GUTTERS

Protective Devices: Type, Location and Number — METAL ON METAL UNLESS NOTED (*WOOD RAIL ON CONC. POST)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

0.39 | +6 | 0.52 | 0.71 | +4 | 1.04 | 1.20 | +2 | 1.29 | 1.97 | +8 | 2.20 | 3.50 | –1 | 3.71 | 4.10 | +7 | 4.20 | 4.46 | +8 | 4.65 | 4.94 | –4 | 5.05 | 5.64 | +4

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous

FLAT (1) | 2.80 | ROLLING | 5.20

Speed: 1–Design, 2–Posted

35 MPH (2) | 0.23 | 45 MPH (1) | 1.47 | 30 MPH (1) 35 MPH (2) | 5.20 | 25 MPH (1)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

0.24 B75 0470 00000 | 1.80 B75 0470 00176 | B75 0470 00276 3.60 | B75 0470 00418 5.25

HPMS Sections – AADT 2007

2,325 | 2,285 | 710 | 205

HPMS Sections – AADT 2006

2,300 | 2,262 | 700 | 4.18 | 200 | 5.79

HPMS Sections – AADT 2005

2,223 | 0.58 | 2,266 | 0.87 | 2,273 | 1.57 | 2,273 | 1.78 | (932) | 1.85 | 676 | 2.76 | 676 | 3.74 | 193 | 5.18 | 206 | 5.33 | 112 | 5.64 | 112

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

HWY–M–01–85M 1985 | 0.08 | 0.97 | HWY–M–01–82M 1982 | 1.78 | RS–0900(24) 1986 | 2.88

RESURFACE | RESURFACE | RESURFACE

F–047–1(1) | 1.78 | WPH – 19B | 3.24 | COUNTY | 4.12 | REALIGNMENT 1971

1957, 1958 | 1936 (78+00) | S–047(1) & S–047(2) 1970 (48+92)

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2004 GN
Revised	
Nov., 06	D.B.

ROAD INVENTORY

MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

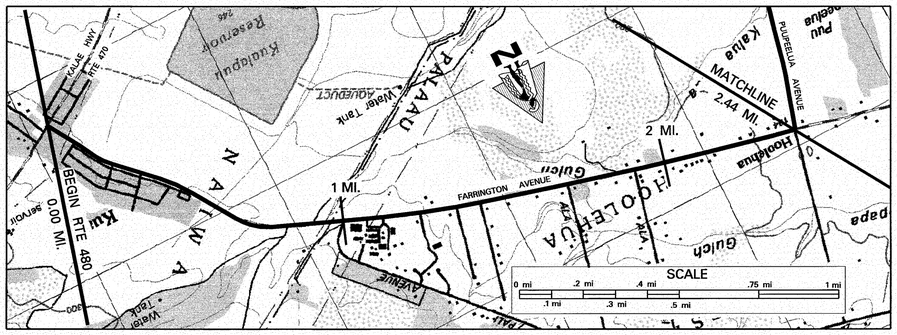
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

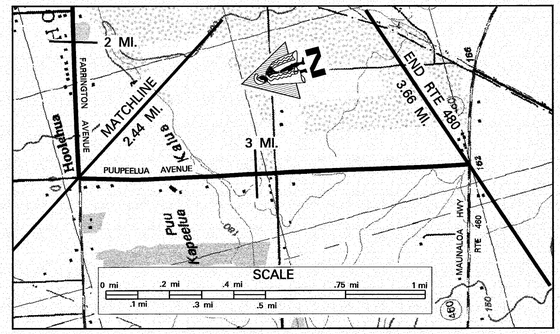
Total Route Length: 3.66 miles

a. Survey Length: 3.66 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles





SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Maintenance Control Sections : Length and Description

Begin 480 on Farrington Avenue 16' West of the Northwest edge of pavement of Kalae Highway. | 480A (3.65 MI.) | 3.65 End 480A on Puupeelua Avenue 50' North of North edge of pavement of Maunaloa Highway.

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure and Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: +60' | 2.44 | 80'

Available Right of Way Width (Needs Study): RES. 0.25 | CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT 0.87 | CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT

Right of Way Fence: Type – Right and Left: 1.37 WIRE ON WOOD 15' – 20' FROM PAVEMENT 2.50

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE

Project No., Type of Construction, and Year Constructed: STP–0480(2) RESURFACE

Project No., Type of Construction, and Year Constructed: 1999

Road Diagram

* MP = Milepost Signage

0.00 mi. BEGIN ROUTE 480 ON FARRINGTON AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH KALAE HWY (RTE 470)

0.05 mi. HULIA STREET PLANTATION STORE
0.09 mi.
0.23 mi. 'UWAO STREET
0.33 mi. 'ALAKEA STREET
0.46 mi. 'EPANE STREET
FARRINGTON AVENUE
0.98 mi. LIHIPALI AVENUE
0.99 mi. 1 MP
1.05 mi. MOLOKAI H.S. PARKING LOT
1.12 mi. H.S. EXIT
1.20 mi. 1.23 mi. FIRE STATION & KE'ENA PLACE PARKING LOT
1.35 mi. 1.43 mi. ALA EKOLU STREET BEG. MEASURED MILE
LEI KUKUI PLACE
1.70 mi. ALA 'ELUA STREET
1.92 mi. ALA 'EKAHI STREET
2.00 mi. 2 MP
2.42 mi. 2.44 mi. POST OFFICE ROAD ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE.
END MEASURED MILE
2.50 mi. PUUPEELUA AVENUE
2.70 mi. MOLOKAI BAPTIST CHURCH
3.06 mi. MOOMOMI AVE.
3.65 mi. 3.65 MP CULVERT
3.66 mi. END ROUTE 480 ON PUUPEELUA AVE. AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (ROUTE 460)

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Divided Highway – Undivided
- Shoulder: Width and Type: 6' AC
- Pavement: Width and Type: 24' AC | 2.47 | 22' AC
- Shoulder: Width and Type: 6' AC

Divided Highway
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 – 12' | 2.47 | 2 – 11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)

(Right Side)

Frontage Road: No. of Lanes, and Width (Right and Left)

Sidewalk: Width and Type (Right and Left): 0.55 | 4' AC FOOT PATH | 2.44

Curb and/or Gutter: Type (Right and Left): CONCRETE CURB AND GUTTERS (0.90 | 0.99 | 1.13)

Protective Devices: Type, Location and Number: ALL METAL ON CONCRETE (0.53 | 0.60 | 0.74 | 0.80 | 0.88 | 0.97)

Illumination: Type, Location and Number: 1 MV 0.08 | MV 1.07 | 1 MV 1.24 | 1 MV 1.49 | 1 MV 1.72 | 1 MV 1.93 | 1 MV 3.08

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.24 | –1 | 0.39 | 1.37 | +2 | 1.50 | 1.54 | +4 | 1.83 | 1.92 | +2 | 2.42 | 2.48 | +2 | 2.88 | 2.89 | –2 | 3.08 | 3.32 | –2 | 3.65

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:: RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: F L A T

Speed: 1–Design, 2–Posted: NOT POSTED | 0.07 | 35 MPH (2) | 0.89 | 0.98 | 20 MPH (2) | 1.25 | 1.32 | 35 MPH (2) | 3.55 | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0480 00000 | 0.85 | B75 0480 00099 | 2.01 | B75 0480 00244 | 2.81 | B75 0480 00306 | 3.53

HPMS Sections – AADT 2007: 2,285 | 2,325 | 1,070 | 1,315

HPMS Sections – AADT 2006: 2,262 | 0.89 | 2,300 | 1,059 | 3.06 | 1,300 | 3.66

HPMS Sections – AADT 2005: 2,308 | 1,273 | 2.44

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

National Highway System (NHS): NOT ON NHS (0)

Previous Projects: Project No., Date and Limits: HWY-M-01-82M 1982 RESURFACE

S–0480–(1) 1968 | 2.48

S–0480–(1) UNIT 1 1965 | 1.70 | S–0480(1), UNIT 2 1965 | 0+00 | 64+50 | S–1(2) 1947

SCALE: (In Miles) 4" = 1 mile

0 | 1 | 2 | 3 | 4 | 5

Date Released
Oct 2004 GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.

ROAD INVENTORY

LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

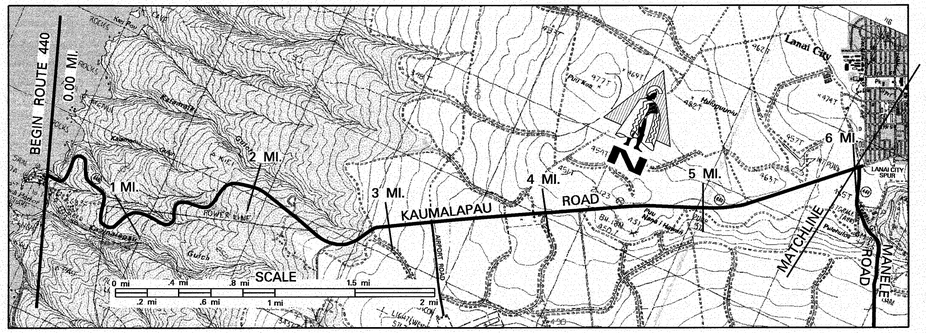
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

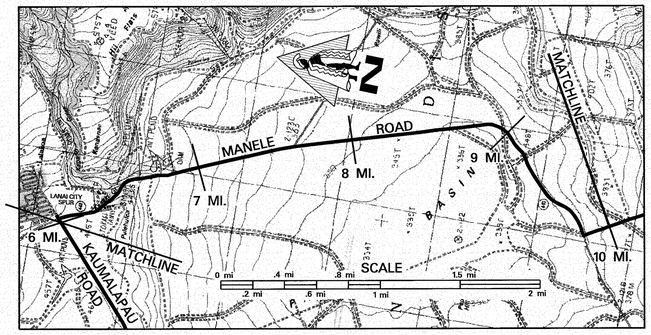
PREPARED BY THE HIGHWAYS PLANNING BRANCH IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.18 mi.
AIRPORT SPUR	=	0.47 mi.
LANAI CITY SPUR	=	0.03 mi.
TOTAL	=	13.68 mi.

Total Designated Route Length: 13.68 * MILES (a+b)
a. Existing Length: 13.68 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.68 * MILES (a+b, less c)
a. Existing Length: 13.68 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Beg. 440 A Same as Begin Route — 440A (5.97 mi.) * — End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd. — Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy — 440B (7.21 mi.)

*Does not include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 90' – 200' (1.93) | 80' – 130' (3.33) | 100' (5.93) | 80' – 150' (5.94) | 30'

Available Right of Way Width (Needs Study): Clear 1000' Pineapple Fields / Bushes, Small Trees 15' – 25' From Edge of Pavement

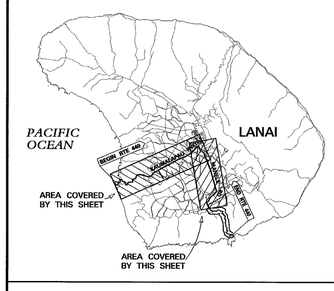
Right of Way Fence: Type – Right and Left: NONE

Control of Access: 1–None, 2–Partial, 3–Full: NONE

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE | STATE (440A–01–92M, (R), 1992)

Project No., Type of Construction, and Year Constructed:
(440A–01–99M, Resurf, 2000) 0.02 | 117+00 | 440A–01–03M, Resurf, 2005 2.20 3.12 | 161+00 3.06 | 207+00 | 440A–01–01M, (R), 2004 4.00 | 259+00 | 440A–01–07M, Resurf., 2008 4.97 | 310+00 | 0+00 | 440B–01–04M, Resurf, 2005 6.69 | 32+50 7.05 | 440B – 02 – 98M, R, '99 7.69 | 193+50 | 7+00 | (440B–01–04M, Resurf., 2005) 9.45 9.74

Project No., Type of Construction, and Year Constructed:
HWY – M – 02 – 97M, Shldr. Paving, 1998 | 440A–01–02M, (R) 2003 | 440A–01–96M, 1997 4.83 | STP – 0440(6) Resurf. Worksite #1 1996 | 440B 01 – 98M 1999 (Resurf.) | STP–0440 (5), 1995 (Resurfacing & Improvements)



Road Diagram

* MP = Milepost Signage

Begin Route 440 on Kaumalapau Hwy., at Kaumalapau Harbor, at the centerline mon. 175' E. of the E. boundary of the Standard Oil Co. fuel – storage lot. 0.00 mi.

"Begin State Hwy" Milepost 0 Sign. — Old Kaumalapau Hwy. — Paved Road — Culvert — Kaupili Road — Paved Road Refuse Road — Tractor Xing — Begin Divided — Dirt Road (R) Airport Road (L) — End Divided — Pineapple Station Road — Tractor Xing — Pineapple Station Rd. — Pineapple Station Road — Tractor Xing — Miki Road — Pineapple Road — Tractor Xing — Road (L) — Road (R) — Dirt Road — Dirt Road — Inter. of Kaumalapau Hwy & Manele Road — Huna Wai Street — Kaumalapau Hwy. Rte. 440 — Manele Rd. — Beg Measured Mile Palawai Road — End Measured Mile — Culvert — Milepost #9 — Culvert — Culvert — Paved Road (Rte 440 Angle Pt.) — Culvert

This diagram shows a 150' segment of 440A to be included as part of Rte. 440.

KAUMALAPAU HIGHWAY 1 MP 2 MP 3 MP 5 MP 6 MP — MANELE RD. — MANELE ROAD 7 MP 8 MP 9 MP 10 MP

119+40 | 166+60 | 215+45 | 0+10

0.00 mi. 0.65 mi. 0.99 mi. 1.99 mi. 2.25 mi. 2.26 mi. 2.40 mi. 2.56 mi. 2.85 mi. 3.00 mi. 3.13 mi. 3.23 mi. 3.42 mi. 3.71 mi. 3.72 mi. 3.81 mi. 3.85 mi. 4.00 mi. 4.16 mi. 4.19 mi. 4.31 mi. 4.63 mi. 4.84 mi. 5.00 mi. 5.22 mi. 5.57 mi. 5.97 mi. 6.03 mi. 7.02 mi. 7.52 mi. 7.53 mi. 8.01 mi. 8.53 mi. 8.92 mi. 9.01 mi. 9.08 mi. 9.38 mi. 9.72 mi. 9.97 mi. 9.98 mi.

CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC
- Pavement: Width and Type: 24' AC | 12' AC | 24' AC
- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC
- Median: Width and Type: 0 | 12' PAINTED AC | 0
- Shoulder: Width and Type: 6' AC | 6' GRV | 6' AC
- Pavement: Width and Type: 24' AC | 12' AC | 24' AC
- Shoulder: Width and Type: 6' AC | 0 | 6' AC

6' GRV 25' 10' 25' 6' – 10' 25' | 2' AC | 4' GRS/GRV 25' Grass 25' Dirt

8' GRV 15' 12' 25' 6' – 10' 25' | 20' AC | 4' GRS/GRV 6' 25' Dirt

Number of Traffic Lanes: 2–12' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side): 12' TLs

Frontage Road: No. of Lanes, and Width (Right and Left): NONE

Sidewalk: Width and Type (Right and Left): NONE

Curb and/or Gutter: Type (Right and Left) GUTTERS: ALL METAL ON METAL

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: NONE

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: MOUNTAINOUS 0.98 | ROLLING 1.98 | FLAT 6.97

Speed: 1–Design, 2–Posted: 30 MPH (2) 2.74 2.98 | 45 MPH (2) | 45 MPH (2) 6.97 | 20 MPH (2) 6.97 6.99 | 35 MPH (2) 6.77 6.99 | 20 MPH (2) 6.99 | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B76 0440 00000 3.05 | B76 0440 00323 4.20 | B76 0440 00597 6.00 | B76 0440 00656 8.01 | (B76 0440 00972) 9.97

HPMS Sections – AADT 2007: 165 | 890 | 2,365 | 1,220 | 810

HPMS Sections – AADT 2006: 160 | 877 | 2,342 | 1,204 | 9.72 800

HPMS Sections – AADT 2005: 153 | 200 | 1,264 | 1,026 | 4.31 | 1,026 | 5.97 | 1,998 | 1,998 | 1,447 | 8.66 | 778

DOD Sections: 0.85 | 3.23 | 3.89 | 7.52 | COUNTY | 8.32

Census Tracts

Functional Classification: MAJOR COLLECTOR (7)

National Highway System (NHS): NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

0.02 HWY – M – 02 – 97M, Shldr. Paving, 1998 | 3.41
440A–01–99M, Resurf. 2000 | 2.05 | 440A–01–90M, Shldr. Paving, 1998
44A–02–88, Shldr.Imp, 1988 1.28 | 1.80 | 440A–01–90M, Shldr. Paving, '90 3.20 | 3.42 | 440A–01–96M, 1997 4.99 | STP–0440(6) Resurf. Worksite #1 1996 | 440B–01–88M (R) 1987 6.01
RS–0440(2) Resurf. 1986 3.14 4.98
440A–01–78M Resurf. 1979 1.52 | (440–A–01–81M Imprv. 1981) 2.06 | 5.97 | RS–0440(3) Resurf. 1987 | 6.20 | STP–0440(5) 1995 (Resurfacing & Improvements)
440A 02 81 Imprv. 1981 0.80 | 2.79 2.89 | 3.20 | 440A–01–73 Resurf. 1975 | COUNTY
S–0440(1) 1959, '60 | STA. 310+73.91 5.94

SCALE: (In Miles) 2" = 1 mile

Date Released
Dec. 2002 T.S.

Revised	
Feb. 04	D.B.
Aug. 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.
Mar., 08	D.B.
Mar., 09	D.B.

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

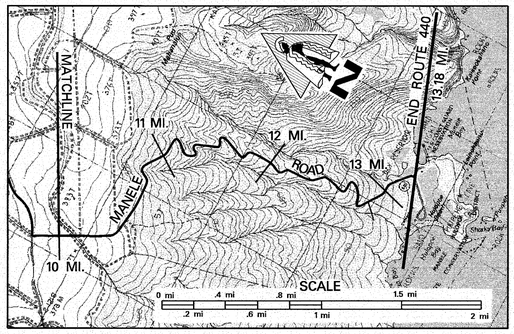
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

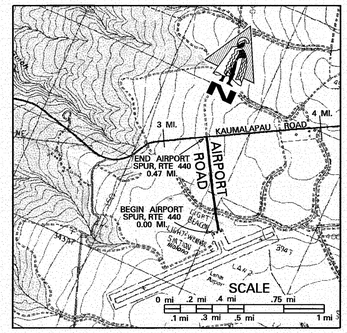
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.18 mi.
AIRPORT SPUR	=	0.47 mi.
LANAI CITY SPUR	=	0.03 mi.
TOTAL	=	13.68 mi.

Total Designated Route Length: 13.68 * MILES (a+b)
a. Existing Length: 13.68 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.68 * MILES (a+b, less c)
a. Existing Length: 13.68 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

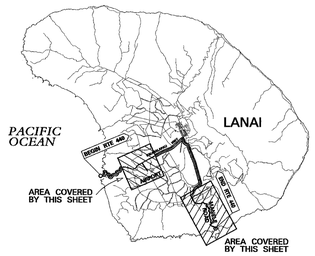




SCALE: (In Miles) 2" = 1 mile

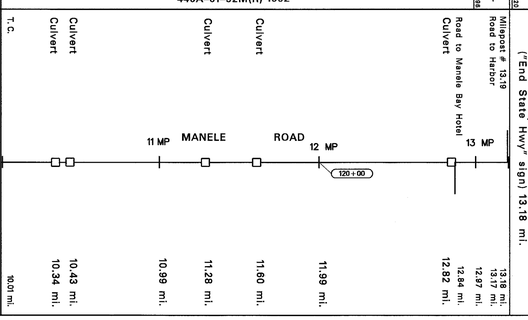
Maintenance Control Sections : Length and Description

		440B (7.21 mi.)	End 440 B Same as End Route / Beg 440 A Same as Beg. Airport Road (Spur)	440A (0.57 mi.) / End 440 A Same as End Airport Road (Spur)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE		
	Vertical Clearance			
	Horizontal Clearance			
Structure Over Road	Vertical Clearance			
	Horizontal Clearance			
Right of Way Width (min.–max.) if varies		30'		40'
Available Right of Way Width (Needs Study)		Clear 1000' Trees & Pineapple Fields 15'– 25' from edge of pavement		Clear 1000' Pineapple Fields 15' from edge of pavement
Right of Way Fence: Type – Right and Left		NONE		NONE
Control of Access: 1–None, 2–Partial, 3–Full		NONE (Worksite #2 1996)		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State (106+00, 171+50)		STATE
Project No., Type of Construction, and Year Constructed		440B–01–04M, Resurf., 2005 (11.70, 12.94)	STP–0440(6) (Resurface)	440A–01–88M Resurf. (310+60)
Project No., Type of Construction, and Year Constructed		440A–01–92M(R) 1992 (13.18)		1987



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway, Undivided	Shoulder: Width and Type	ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED	25' Dirt →	All Gravel → 6' / 6'
	Pavement: Width and Type			20' AC
	Shoulder: Width and Type	ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED	25' Dirt →	All Gravel → 4' / 3'
	Median: Width and Type		6'–12'	
	Shoulder: Width and Type			
	Pavement: Width and Type			
	Shoulder: Width and Type			
Number of Traffic Lanes			2–10' / 2–11' (1–13')	2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)				
	(Right Side)			
Frontage Road: No. of Lanes, and Width (Right and Left)		NONE		
Sidewalk: Width and Type (Right and Left)		NONE		NONE
Curb and/or Gutter: Type (Right and Left)				
Protective Devices: Type, Location and Number				NONE
Illumination: Type, Location and Number				NONE
Curves: Degree of Curvature (Right and Left)				
Superelevation (Range)				
Grades: % Grade, Positive or Negative				
Vertical Curve: Crest or Sag, Curve Limits				
Area and Development:		RURAL (1)		RURAL (1) → (RURAL (1))
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT / MOUNTAINOUS / FLAT		FLAT
Speed: 1–Design, 2–Posted		35 MPH (2) / 25 MPH (2) (Not Posted)		NOT POSTED → 15 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing				
Traffic Stations (Current Year)		B76 0440 00572 / B76 0440 01059 / B76 0440 01176 / B76 0440 01282		B76 0441 00000 / B76 0442 00000
HPMS Sections – AADT 2007		810 / 810 / 610 / 610		645 / 3,085
HPMS Sections – AADT 2006		800 / 800 / 600 / 600		636 / 3,050
HPMS Sections – AADT 2005		778 / 582		636 / 3,050
DOD Sections				
Census Tracts		COUNTY		
Functional Classification		MAJOR COLLECTOR (7)		MAJOR COLLECTOR (7) → (MAJOR COLLECTOR (7))
National Highway System (NHS)		NOT ON NHS (0)		NOT ON NHS (0) → (NOT ON NHS (0))
Previous Projects: Project No., Date and Limits				
		440A – 01 – 92M(R) 1992		S – 0440(1)
		440B – 01 – 82M(R) 1982 / 440B – 01 – 83M(R) 1983		1959

SCALE: (In Miles) 2" = 1 mile

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Dec 2002, T.S.

Revised	
Feb. 04	D.B.
Aug 04	D.B.
Feb. 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.
Mar., 09	D.B.