STATE ROUTE SYSTEM

COUNTY OF MAUI

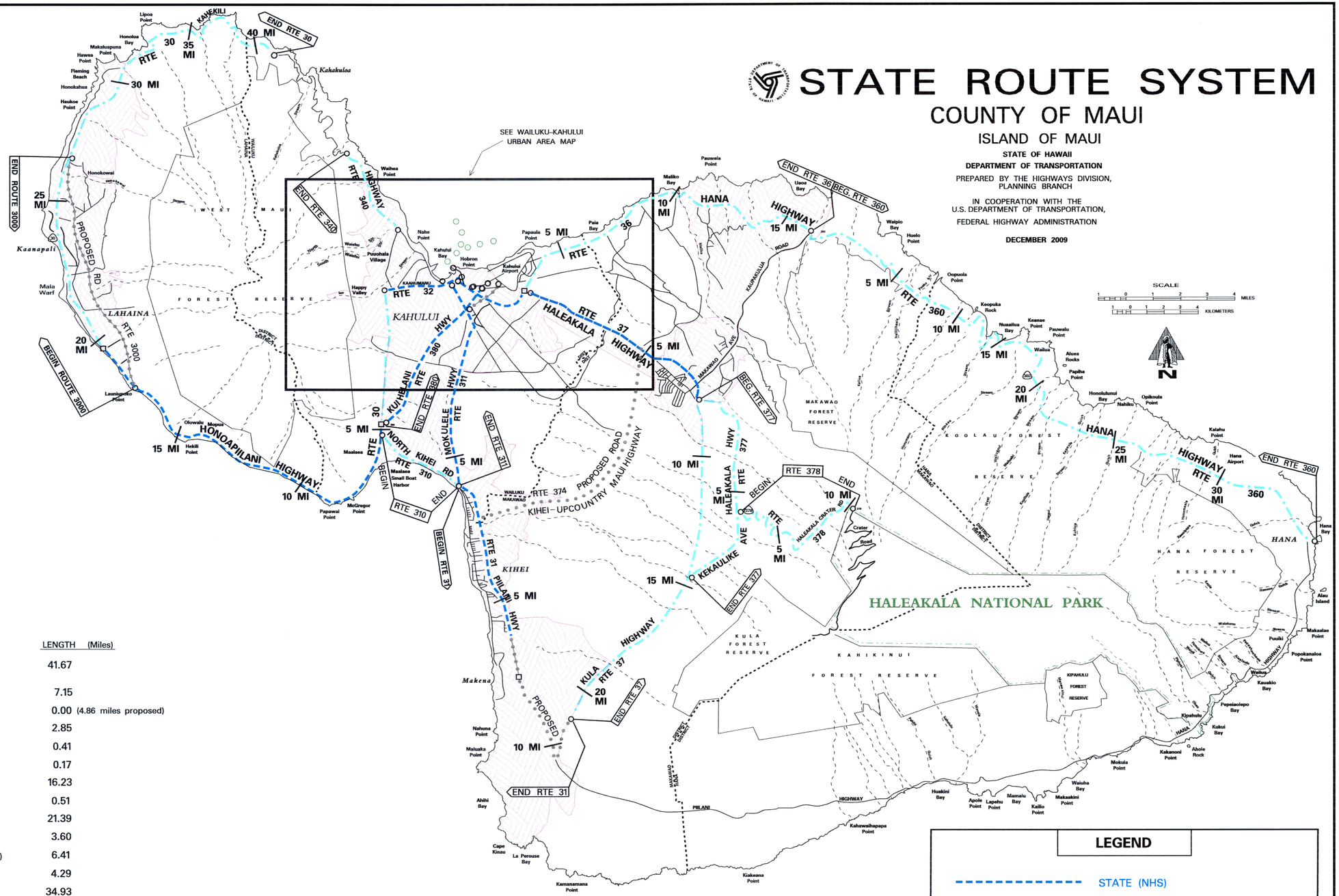
ISLAND OF MAUI

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 2009



MAUI:

ROUTE		LENGTH (Miles)
30	(High St., Honoapiilani Hwy., Kahekili Hwy.)	41.67
31	(Piilani Hwy.)	7.15
31	(Piilani Hwy. extension)	0.00 (4.86 miles proposed)
32	(Main St., Kaahumanu Ave.)	2.85
32A	(Hobron St.)	0.41
32B	(Wharf St.)	0.17
36	(Hana Hwy.)	16.23
36A	(Haleakala Hwy., Keolani Pl.)	0.51
* 37	(Haleakala Hwy., Kula Hwy.)	21.39
* 310	(North Kihei Rd.)	3.60
311	(Puunene Ave. Mokulele Hwy.)	6.41
* 340	(Kahekili Hwy.)	4.29
360	(Hana Hwy., Keawa Pl.)	34.93
374	(Kihei-Upcountry Maui Hwy)	0.00 (9.80 mi. proposed No SLD)
377	(Haleakala Hwy., Kekaulike Ave.)	9.17
378	(Haleakala Crater Rd.)	10.15
380	(Dairy Road, Kuihelani Hwy.)	6.18
3000	(Lahaina Bypass)	0.00 (8.95 miles proposed)
* 3400	(Kahului Beach Rd., Waiehu Beach Rd.)	2.62
3500	(Puunene Ave.)	1.11
3800	(Airport Access Extension)	0.00 (1.67 miles proposed)

MAUI TOTAL = 168.84

* Please Refer to SLD Bullet List for Route Changes.

COUNTY OF MAUI:

	LENGTH (Miles)
MAUI	168.84
MOLOKAI	55.65
LANAI	13.68
TOTAL	**238.17**

LEGEND

- STATE (NHS)
- STATE (Non-NHS)
- PROPOSED
- PROPOSED (NHS)
- WATER (NHS)
- Route termini point
- NHS to non-NHS transition point
- URBAN AREAS

Date Released
Dec 2002, JK
Revised
Jan. 04 / D.B.

DISCLAIMER: This product is for informational purposes only and may not be suitable for legal, engineering, or surveying purposes. This information is provided with the understanding that conclusions drawn from such information are the responsibility of the user. If you feel the information shown on this product is questionable, please contact the State of Hawaii, Highways Division, Planning Branch, at gishelp.hwyp@hawaii.gov or at (808) 587-6351 to report the issue.

STATE ROUTE SYSTEM

COUNTY OF MAUI

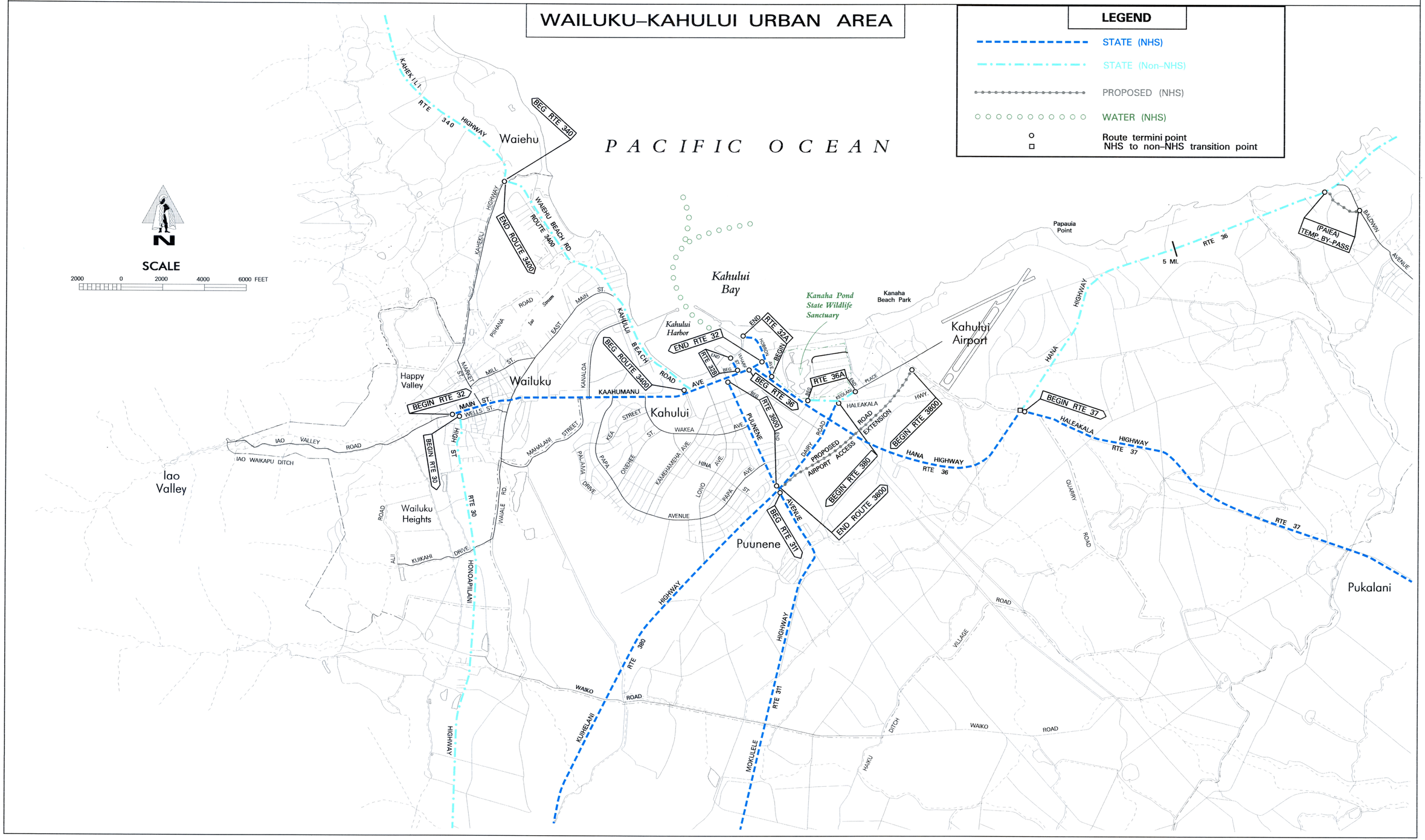
ISLAND OF MAUI

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 2009

WAILUKU–KAHULUI URBAN AREA



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

2

STATE ROUTE SYSTEM

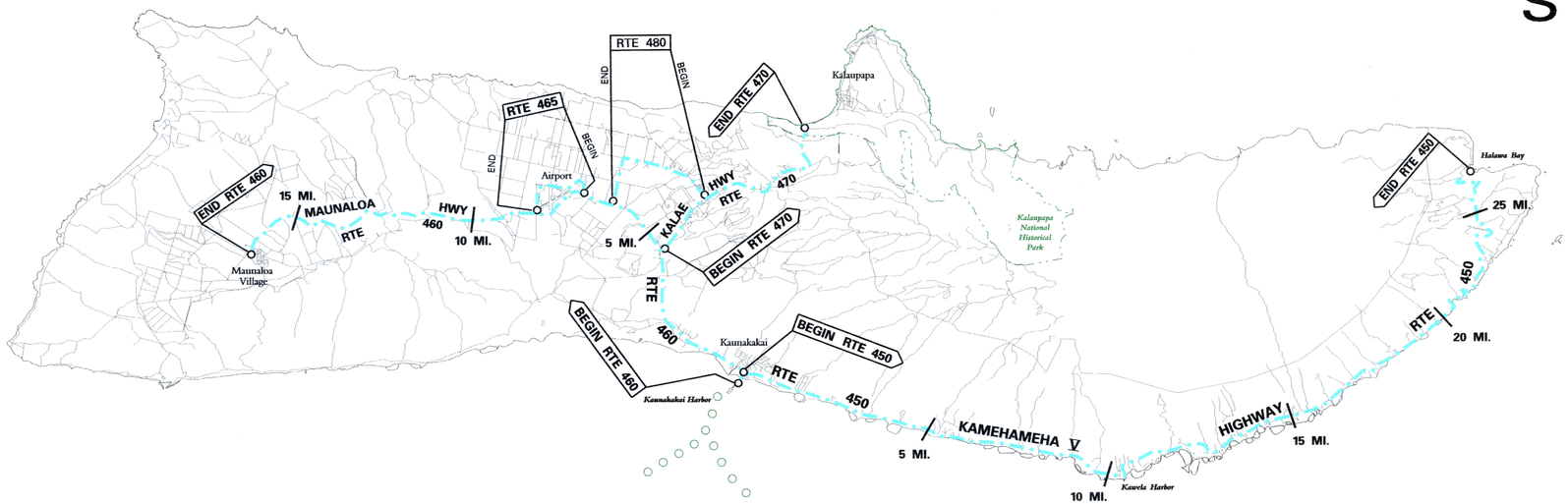
COUNTY OF MAUI

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 2009



KALOHI CHANNEL

PACIFIC OCEAN

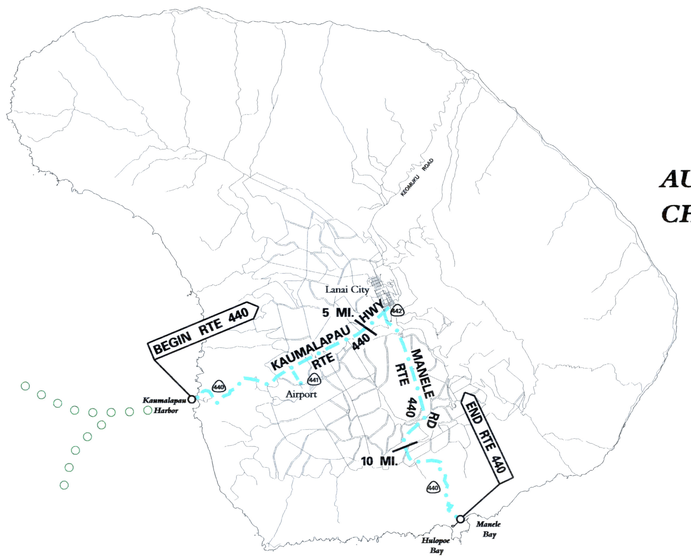
AUAU CHANNEL

N

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS



ROUTE LENGTH MILES)

MOLOKAI:

450	Kamehameha V Highway	27.51
460	Kaunakakai Pl. & Maunaloa Hwy.	16.56
465	Airport Loop	2.13
470	Kalae Highway	5.79
480	Farrington Ave & Puupeelua Ave	3.66
	MOLOKAI Total =	**55.65**

LANAI:

440	Kaumalapau Hwy & Manele Rd.	**13.18**
441	Access Road to Lanai Airport	**0.47**
442	Lanai City Spur	**0.03**
	Lanai Total =	**13.68**

LEGEND

STATE (Non–NHS)

WATER (NHS)

Route termini point

Date Released	
Dec 2002	JK
Revised	
Jun. 04	DB
May 05	DB
Dec. 09	DB

3

ROAD INVENTORY

MAUI RTE 30

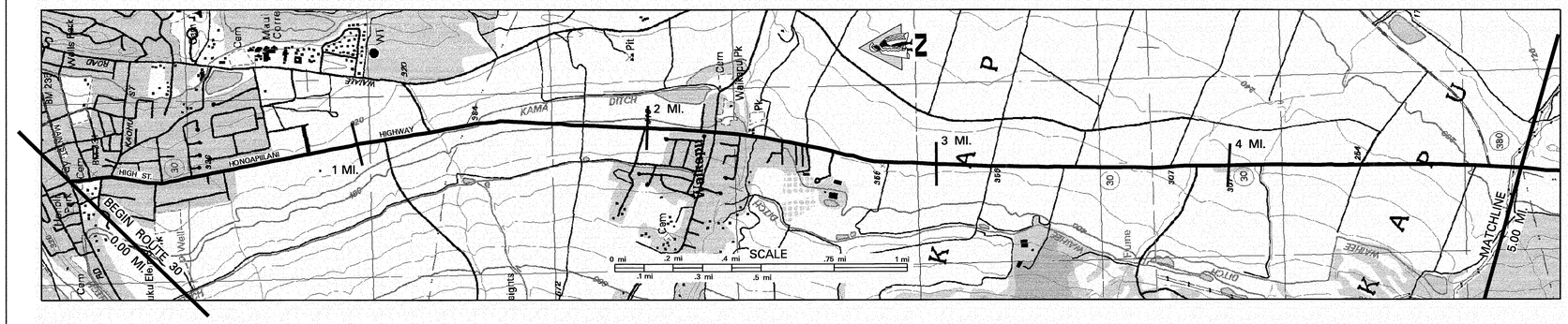
HIGH ST. – HONOAPIILANI HWY.

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

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.)

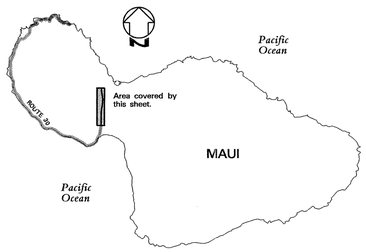
Structure Carrying Road

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' | 38' N.B. 36' S.B.
Horizontal Clearance: 24'

Structure Over Pkg

Vertical Clearance
Horizontal Clearance

Right of Way Width (min.–max.) if varies: 70' | 85' – 195'
Available Right of Way Width (Needs Study): Res. Area 0.54 | 1000' Clear, Sugar Cane Field 15' from E.P. | Res. Area 2.47 | 1000' Clear, Sugar Cane Field 25' from E.P.
Right of Way Fence: Type – Right and Left: Pipe Fence; Stone Wall; Chain Link; 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: STP–NH–0900(62), RESURF. 2004 | 30D–01–05, Resurf., 2006
Project No., Type of Construction, and Year Constructed: HWY–M–02–91M, 2002 (R) | STP–0900(50), Guardrail & Shoulder Imprv., 2002 | BR–NH–030–1(24), Bridge & Widening, 2002



Road Diagram
* MP = Milepost Signage

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

0.00 mi. Sta. 5 | S. HIGH ST. | Kaohu St. End Divided Hwy Wells St. | Aupuni St. 0.13 mi. 0.10 mi. 0.06 mi.
0.32 mi. Begin Div. Hwy | Malako St. 0.33 mi. 0.29 mi. 0.27 mi.
0.46 mi. End Divided Hwy Kahookele St. | Begin Divided Hwy Koio Pl. | 0.42 mi.
0.53 mi. Keanu St. | 0.46 mi.
0.77 mi. Sta. 51 0.73 Culvert | Kahalani Makai Parkway | 272+85 | Kalimoona Development 0.82 mi. | 1 MP
1.03 mi. Kuikahi Dr. | Culvert | 1.09 mi. | 0.99 mi.
1.26 mi. Culvert | Waiale Rd. End Divided Hwy | 1.25 mi. | 1.23 mi.
HONOAPIILANI HIGHWAY
1.77 mi. Cane Haul Rd.
1.88 mi. Begin Divided Hwy
1.98 mi. Piilikana St. | 1.98 mi.
2 MP
2.16 mi. Sta. 6A 2.12 mi. E. Waiolu Pl. | W. Waiko Rd. (L)
2.32 mi. Sta. 6C 2.32 mi. Waikapu Br. | 2.30 mi. Waikapu Bypass Hwy. | 2.28 mi. E. Waiko Rd. (L)
2.54 mi. Begin Divided Hwy | 2.52 mi. Olo Pl. | 2.50 mi. Olioli Pl. | 2.46 mi. Lehuupueo Pl.
2.62 mi. Maui Tropical Plantation Rd. | 177+60
2.75 mi. End Divided Hwy
3 MP
3.00 mi.
HIGHWAY
3.46 mi. Cane Haul Rd. Rd. to Quarry | 3.42 mi.
3.80 mi. Rd. to Golf Cource Speed Monitoring Station Begin Divided Hwy | 3.77 mi. | 112+40
3.92 mi. ECB | 3.87 mi.
4 MP
4.10 mi. Culvert End Divided Hwy | 4.07 mi.
4.44 mi. Gravel Road
4.67 mi. Begin Divided Hwy
4.76 mi. Sta. 108 4.87 mi. Kuihelani Hwy (Rte 380) | 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

Divided Highway – Undivided

Shoulder: Width and Type: 0 | 0.14 4'–6' AC 0.80 | 0.88 6' AC 0.95 | 1.08 1.15 | 1.25 4' AC/10' Grass 1.82 | 6' AC 2.17 | 0 2.25 | (20' AC) 2.30 | 10' AC
Pavement: Width and Type: 12' AC | 24' AC | 12' AC | 24' AC | 12' AC (5' AC Bike Ln.) | 24' AC | 4' AC/2' Grass 1.84 | (6' AC) | 0 | 6' AC | 12' AC | 24' AC | 12' AC | 36' AC 4.61 | 12' AC | 24' AC
Shoulder: Width and Type: 0 | 0 | 0 | 4'–6' AC | 0 | 0 | 4' AC/2' Grass | 0 | 6' AC | 0 | 6' AC | 0 | 6' AC 4.67 | 0 | 4' AC 4.88 4.96

Divided Highway – Median

Median: Width and Type: 0'–8' Paint 0.10 | (0'–8' Paint) 0.46 | 0'–12' Paint 1.23 | 1.88 | 0'–12' Paint 2.28 | 2.54 | 0'–12' Paint 2.75 | 3.77 | 0'–12' Paint 4.07 | (8' Paint) 4.76 | 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 | 12' AC (5' AC Bike Ln.) | 12' AC (5' AC Bike Ln.) | 10' AC | 12' AC | 12' AC | 24' AC
Shoulder: Width and Type: 0 | 0.08 | 0 | 6' AC 0.78 | 0.84 | 0.96 | 1.04 | 1.13 4' AC/2' Grass | 1.93 | 2.01 6' AC 2.19 | 2.22 | 2.58 | 2.66 6' AC | 3.81 | 3.91 6' AC | 8' AC

Number of Traffic Lanes: 1–12' 1–14' (1–23') | 2–12' | 2–10' 2.20 | 2.30 (5' AC Bike Ln.) | 2–12' | 4.67 | 1–12' 4.78 | 2–12' | 4–12' (Transition Lane 0–12') 4.63 | 4.88 | 4.96 12' Turn Lane
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 9' (L) Turn Lanes | 8' Parallel Parking | 12' Turn Lanes | 10' Turn Lanes (2) | 12' Turn Lanes | 12' Turn Lanes | 12' Turn Lane
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 4' Conc. | 4' Conc. Sidewalks | 4' Conc. Sidewalk
Curb and/or Gutter: Type (Right and Left): 0.12 (4" Conc. S.W.) Conc. Curb | Conc. C. | AC Curb | 2' Conc. C & G | 2' Conc. Curb & Gutter
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts except where indicated.)
Illumination: Type, Location and Number: MV | 14 HPS
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative: 0.77 | –1 | 1.04 | 1.64 | +1 | 1.81 | 3.54 | +3 | 4.34 | 4.40 | +3 | 4.61 | 4.80 | +3
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Small Urban (2) | Rural (1)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat
Speed: 1–Design, 2–Posted: 20 MPH (2) | 35 MPH (2) | 45 MPH (2) | 30 MPH (2) | 45 MPH (2) | 55 MPH (45 MPH Minimum) (2) | 45 MPH (2) | 45 MPH (Minimum 35 MPH) (2) | 3 Phase
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B74 0030 00000 | B74 0030 00029 | B74 0030 00063 | B74 0030 00109 | B74 0030 00198 | B74 0030 00290 | (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
Census Tracts
Functional Classification: Principal Arterial (14) | Principal Arterial (2)
National Highway System (NHS): Not On NHS (0) | On NHS (1)
Previous Projects: Project No., Date and Limits: STP–0900(50), GUARDRAIL AND SHOULDER IMPROVEMENTS | (NH–030–1(25) R, 1996) | 30C–01–92 M (R) 1993 | (RSG–0380(8) Traffic Signals | 30D–01–82M R, 1982) | HWY–M–02–91M, 1992 (R) | 30D–01–82M (Resurface) 1982 | 30BC–01–70, 1970 | County | FAP–13G 1936 | 2.30 +99 + 50

SCALE: (In Miles) 4" = 1 mile

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

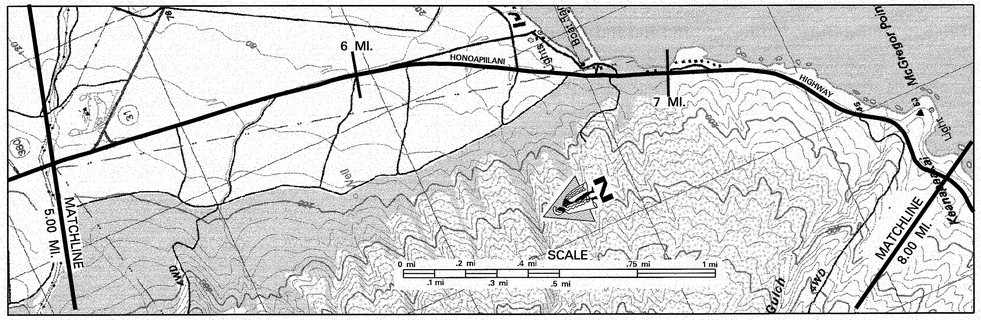
Total Route Length: 41.67 miles

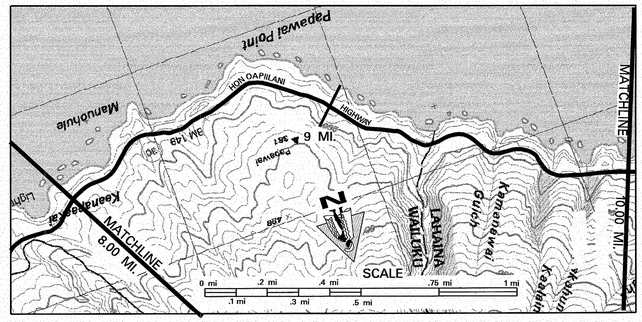
a. Survey Length: 41.67 miles

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 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.)

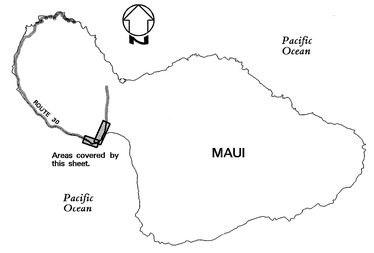
Structure Carrying Road

- 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' (6.19); 80'–100' (6.29); 70' – 125' (7.63); 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.; Residential Area (6.75–7.00); Brush and Trees
- Right of Way Fence: Type – Right and Left: Wire on Wood (5.36); Wire on Wood (6.75–7.00); Wire on Wood (7.34–7.63); Wire on Wood (7.94–8.07); Wire (9.10–9.27); Rock Fall Protection (9.36–9.98)
- 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: BR-NH-030-1(24) Bridge & Widening, 2002 (5.31–5.50); NH–030–1(28), Widening, 2003 (5.31–6.29); NH–030–1(25) Resurface 1996 (5.50–6.47); STP–0900(53), 2002 Guardrail & Shldr. Imp. (6.47–7.48); (30C–01–88M (R) 1988) (7.48–7.53); (ROS–030–1(14), Imp. 1979) (7.53–7.86); HWY–M–01–99M (R) 2000 (7.86–10.00); STP–0900(53), 2002 Guardrail & Shldr. Imp. (9.61–9.98)
- Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 1.

Sta. 10 5.22 mi. North Kihei Rd. (Rte 310) — 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 — Mahaiaea Bay Place — Road — Begin Divided Hwy — End Divided Hwy — Scenic Lookout Entrances — Rd. to Lookout

Indicates Grass & / or Physical Barrier on Median.

HONOAPIILANI 6 MP — 6 MP — 5.95 mi. — 7 MP — 8 MP — HIGHWAY — 9 MP

ECB In Out

5.22 mi. 5.97 mi. 6.11 mi. 6.36 mi. 6.51 mi. 6.49 mi. 6.70 mi. 6.68 mi. 6.82 mi. 6.98 mi. 7.00 mi. 8.03 mi. 8.18 mi. 8.50 mi. 8.70 mi. 8.69 mi. 8.80 mi. 9.03 mi. 9.92 mi.

CONTINUED ON SHEET 3.

SCALE: (In Miles) 4" = 1 mile

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) (7.16); 6'–8' AC (8.40); 4'–6' AC (8.50); 6'–8' AC (8.80); 8'–10' AC (9.00)
- Pavement: Width and Type: 24' AC; 12' AC (6.34); 24' AC (6.67); 36' AC (6.83); 24' AC; 14' AC (8.50); 24' AC (8.80)
- 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 (8.50); 6'–8' AC (8.80); 8'–10' AC (9.52)

Median: Width and Type

- 32' Grass (5.37); 22' Grass (5.95); 0–10' Paint (6.49); 0–14' Painted AC (8.50); (8.80)

Shoulder: Width and Type

- 4' AC (6.03); 0; 0 (8.50)

Pavement: Width and Type

- 24' AC; 12' AC (6.11); 14' AC (8.50)

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

- 8'–10' AC (6.03); 6'–8' AC (6.37); 6'–8' AC (8.50)

- Number of Traffic Lanes: 4–12' (5.06); (1–12') (2–12') 2–12' (5.91); 1–12' (2–12') (6.26); 2–12' (6.59); 2–12' (6.67); 2–14' (8.50); 11' Turn Lane (8.58); 11' Merge Lane (8.68); 2–12' (8.80)
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.)
- (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): 15 HPS (5.39)
- Illumination: Type, Location and Number
- 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) (6.68)
- Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (5.23–6.38)
- Traffic Stations (Current Year): B74 0030 00488 (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; 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 (5.03–7.47); (30C–01–92M (R) 1993); (30D–01–82M (R) 1982); 30C–01–86M (R) 1986; 30CD–01–84(Shldr. Imprv.) 1985; 30BC–01–70 1970; FAP – 13G 1936; NRH – 13C 1934; 30BC–01–71, (R) 1971; Resurf 1950; NRH – 13D 1935; ROS–030–1(14) Safety Imprv. 1979; 30C–01–88M (R) 1988; HWY–M–01–99M (R) 2000; HES–STP–030–1(20) 1994; 30C–01–90M (R) 1990; LT–M–01–78 (R) 1979; ROS–030–1(12) 1977; 30C–01–75M Resurf 1975; F–30(5) 1953; 111 + 00 – 376 + 81.31

SCALE: (In Miles) 4" = 1 mile

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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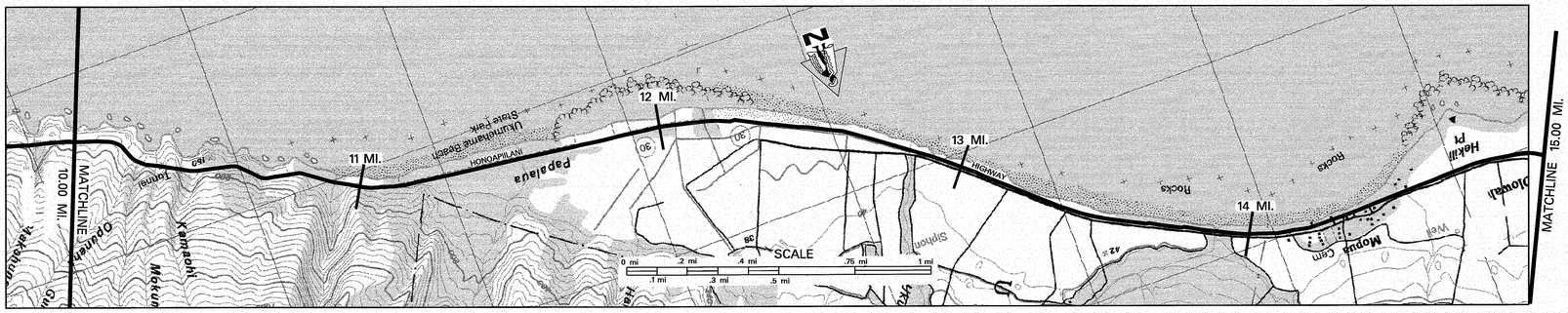


SCALE: (In Miles) 4" = 1 mile

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' (12.82)

Horizontal Clearance
- 44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- (120'–490') (10.03)
- 80'–345' (12.40)

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left
- Brush & Trees (10.09 – 10.23 .52 10.27 10.36 10.48 10.81 10.96 11.07)
- Rock Fall Protection
- Wire (11.72 – 11.79)
- (R) Clear – 40' Canefield (L) Beach (12.40 – 13.95)
- Trees & Bushes (13.95 – 14.61)
- Canefield 1000' Clear – 40' from E.P. (14.61)

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)
- HWY–M–01–99M (R), 2000 (10.34 – 11.06)
- (STP–0900(52) Bikeway Imp., 2002)
- (30C–01–06M, Resurf., 2008) (14.62 – 32 + 00)

Project No., Type of Construction, and Year Constructed
- STP–0900(53), Guardrail & Shoulder Improvements, 2002

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 2. 10.00 mi.

Begin Tunnel (10.02 mi. / 10.01 mi.) — End Tunnel (10.33 mi.) — ECB 11 MP (10.93 mi.) — Sta. 11B 11.46 mi. — Ukumehame Firing Range (11.71 mi.) — Culvert (11.84 mi.) — ECB (R) (11.96 mi.) — Ent. to Parking Lot Ukumehame Beach (12.05 mi.) — ECB 12 MP (12.08 mi.) — Ukumehame Br. (12.82 mi.) — ECB 13 MP (12.98 mi.) — ECB 14 MP (13.97 mi.) — Paved Road (14.02 mi.) — Paved Road (14.29 mi.) — Paved Road (14.39 mi.) — Paved Road (14.46 mi.) — Begin Divided Hwy (14.53 mi.) — ECB 15 MP (14.80 mi.) — 15.00 mi.

HONOAPIILANI HIGHWAY

CONTINUED ON SHEET 4. 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
- 8'–10' AC (10.38) — 4' AC/6' Grs (14.62)

Pavement: Width and Type
- 8'–10' AC (10.38) (5" PCC) (10.39) — 8'–10' AC (10.94) — 18'–20' AC (11.19) — 8' AC (11.37) — 10' AC (11.71) — 4' AC (11.89) — 6' AC (12.40 – 14.62)
- 24' AC (10.38 – 11.50)
- 12' AC (11.50 – 14.62)

Shoulder: Width and Type
- 6'–8' AC (10.33 – 10.39) — 6' AC (11.50 – 14.62)
- 0 (11.50 – 14.62)

Median: Width and Type
- 0'–10' Painted (14.62 – 14.80)

Shoulder: Width and Type
- 0 (14.62 – 14.80)

Pavement: Width and Type
- 12' AC (14.62 – 14.80)

Shoulder: Width and Type (Combination Shldr./BikeRoute from 6.83mi. to 20.23mi.)
- 6' AC (14.62 – 14.80)

Number of Traffic Lanes
- 2–12' (10.02 – 14.80)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (14.62 – 14.80)

(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 (All Metal Rails on Metal Posts except where otherwise indicated. B = Conc. Barrier)
- Concrete Guardrail – Type 4K (12.49 – 12.83 – 12.88)

Illumination: Type, Location and Number
- +1 (13.16 – 13.38) — –1 (13.81 – 13.88) — +1 (14.36 – 14.81)

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
- 45 MPH (Minimum 35 MPH) (2) (10.03 – 10.95)
- Flat
- 55 MPH (Minimum 45 MPH) (2) (10.95 – 13.87)
- 45 MPH (Minimum 35 MPH) (2) (13.87 – 14.85)
- (35 MPH (2)) (14.85 – 14.90)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- 10.02 B74 0030 00611
- 25,555
- 25,300
- 25,017 (10.89)
- 11.98 B74 0030 01089
- 25,655
- 25,400
- 25,112 (13.82)
- B74 0030 01382
- 26,260
- 26,000
- 25,769

HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

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)
- HWY–M–01–99M (R), 2000 (11.68 – 13.81)
- 30C–01–90M, (R) 1990 (11.68 – 13.81)
- (HES–STP–030–1(119)) (14.85 – 14.85)
- LT–M–01–78 (R) 1979 (10.40 – 10.46)
- ROS–030–1(14) 1979 Safety Imprv. (11.25)
- ROS–030–1(12) 1977 (10.48 – 11.27)
- 30C–01–78 (Guardrail & Shldr.) 1981 (11.27 – 13.78)
- 30C–01–75M (R) 1975 (11.27 – 12.81)
- F–30(3) 1950 (12.81 – 13.82)
- F–30(3) 1951 (13.82)
- 30AC–01–87M (R) 1988 (13.78 – 14.61)
- (30C–01–78, GR/Shldr., 1981) (14.61 – 14.62)
- .69 STP–030–1(21) (R) 1994 (14.62 – 14.85)
- 30AC–01–87M (R) 1988 (13.81 – 14.61)
- 30C–01–78 G.R. & Shldr., 1981 (14.61 – 14.85)
- 30C–02–72 (R) 1972 (13.82 – 14.85)
- (F–30(5) 1953) (10.06 – 275 + 00)

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

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

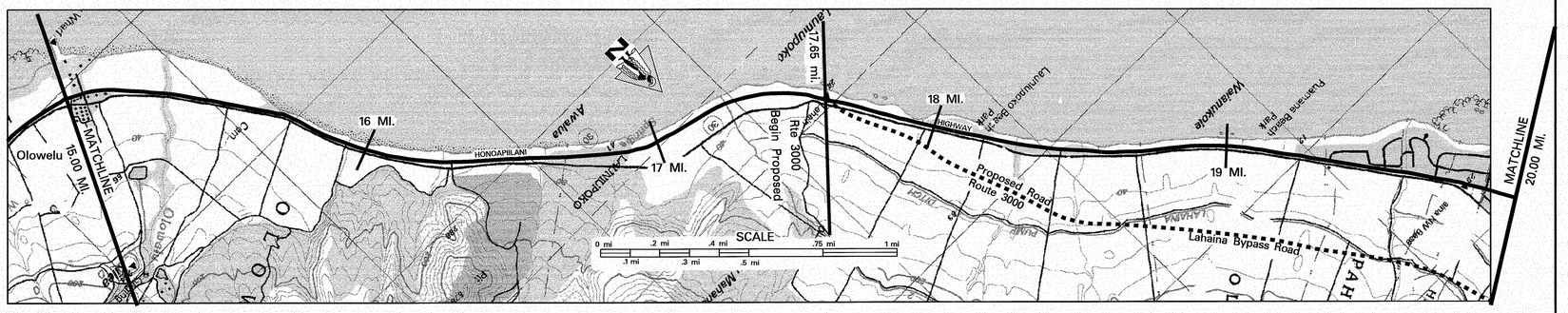
Total Route Length: 41.67 miles

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 C (15.33 MI.)

Structure Carrying Road

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

RC, Flat Slab H15, 1938 — 62' (15.31) — RC Flat Slab, 1938, H15 — 26' (16.62) — RC Flat Slab, 1938, H15 — 42' (17.26) — Conc. Slab, 1971, HS 20 — 27' (19.59)

Vertical Clearance

Horizontal Clearance — 24' — 24' — 24' — 44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 80'–345' (16.34) — 70'–80' (17.84) — 76'–280' (18.00)

Available Right of Way Width (Needs Study) — Canefield 1000' Clear – 40' from E.P. (16.13) — Trees & Heavy Bushes — (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area

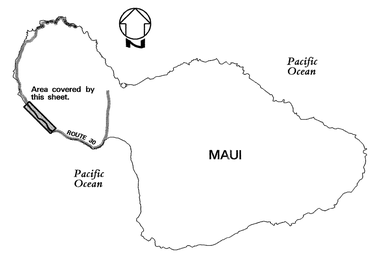
Right of Way Fence: Type – Right and Left — Wood Fence 30' from E.P. (19.06, 19.14)

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 — 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 — (STP-0900(53)) G.R./Shldr., 2002) (19.26, 19.34, 19.62)



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 3.

15.00 mi. — Paved Rd. — End Divided Hwy — Sta. C11A 15.32 mi. Olowelu Br. "A" — Begin Divided Hwy — Road — End Divided Hwy — Begin Divided Hwy — Rd. to Refuse Disposal Site — End Divided Hwy — Olowelu Br. "B" — Culvert — HONOAPIILANI — Sta. 11A 17.27 mi. Launiupoko Br. — Culvert — Culvert — Culvert — Culvert — Culvert — Culvert — Begin Divided Hwy — Launiupoko Wayside Park (L) — End Divided Hwy — Culvert — Culvert — HIGHWAY — Culvert — Culvert — Entrance to Puamana Beach Park — Begin Divided Hwy — Hokiokio Pl. — Sta. 25E 19.69 mi. Kauaula Strm. Br. — End Divided Hwy — Aholo Rd. — End Divided Hwy

MP 15 — 531+50 — MP 16 — ECB — MP 17 — MP 18 — Ke Hele St. (R) — MP 19 — 164+60 — MP 20

15.04 mi. 15.22 mi. 15.32 mi. 15.39 mi. 15.48 mi. 15.55 mi. 16.00 mi. 16.20 mi. 16.31 mi. 16.36 mi. 16.48 mi. 16.63 mi. 16.84 mi. 17.01 mi. 17.27 mi. 17.39 mi. 17.48 mi. 17.59 mi. 17.66 mi. 17.70 mi. 17.79 mi. 17.93 mi. 18.00 mi. 18.06 mi. 18.18 mi. 18.28 mi. 18.50 mi. 18.75 mi. 18.99 mi. 19.12 mi. 19.18 mi. 19.32 mi. 19.45 mi. 19.50 mi. 19.55 mi. 19.60 mi. 19.69 mi. 19.86 mi. 20.00 mi. 19.97 mi.

CONTINUED ON SHEET 5.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

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

Pavement: Width and Type

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

Median: Width and Type — 0–10' Painted AC — 0'–3' Painted AC — 0–11' Painted AC — 10' Paint — 0'–10' Painted AC — 10' Paint

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 — 12' AC

Shoulder: Width and Type — 6'–8' AC — 10'–12' AC — 6'–8' AC — 6'–8' AC — 6'–8' AC

4' AC/ 10' Grass — 6' AC — 8' AC — 6' AC — 10' AC — 8' AC — 6' AC — 8' AC — 4'–6' AC — 8' AC

12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC (5' AC/ 10' Dirt) — 12' AC — (24' AC) (6'–8' AC) — 12' AC

0 — 6'–8' AC — 0 — 6'–8' AC — 0 — 6'–8' AC — 0 — 4' AC/10' Dirt — 6' AC — 0 — 0

Number of Traffic Lanes — 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 10' T.L.s — 11' T.L. — 10' T.L.s

(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 — All Metal Rails on Metal Posts unless otherwise indicated. — B = Conc. Barrier

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative — +1 — +2 — –1 — +2 — –1

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — Rural (1) — Small Urban (2)

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

Speed: 1–Design, 2–Posted — 35 MPH (2) — 45 MPH (2) — 45 MPH (Minimum35) (2) — 45 MPH (Min. 35 MPH) (2) — 45 MPH (2) — 35 MPH (2) — 35 MPH (2) — 45 MPH (2) — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B74 0030 01382 — B74 0030 01765 — B74 0030 01968

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 (2S) — 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)) — STP-030-1(21), R, 1994 — STP-030-(21) (R) 1994 — 30-BC-01-87M (R) 1987 — 30C-02-90 (GR & Shldr), 1991 — 30BC-02-86 Improvements, 1987 — 15.18–(30C-01-78 GR &Shldr, 1981) — 30C-01-82M (R) 1982 — 30C-02-72 Resurface 1972 — 30C-01-85M (R) 1985 — F-30(1) 1957 — F-30-1(1) 1956 — F-30(3) 1950 — F-30(4) 1951

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.*
Dec. 09	*D.B.*

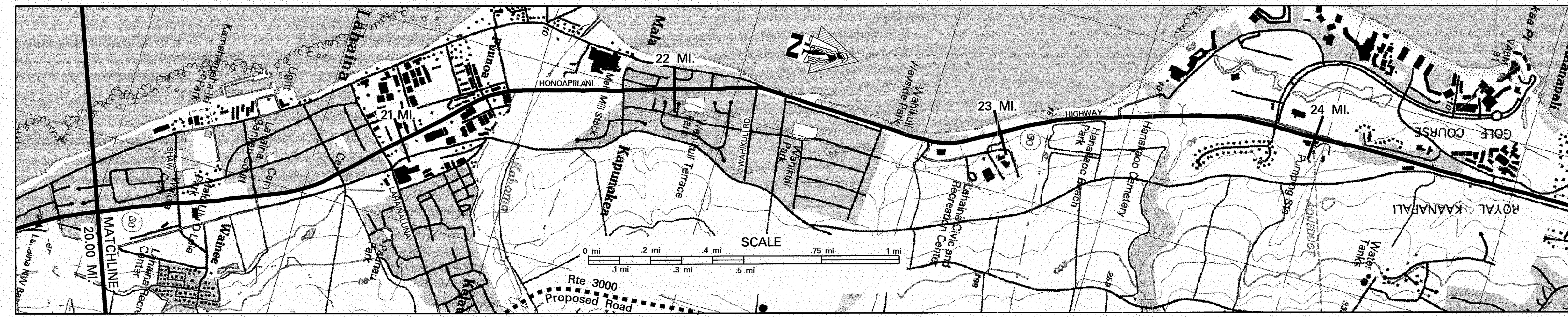
ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

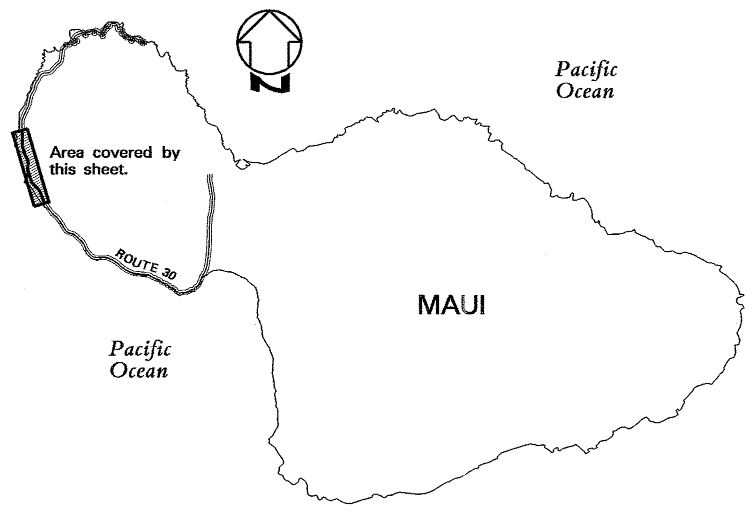
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 — mileposts 20, 21, 22, 23, 24, 25

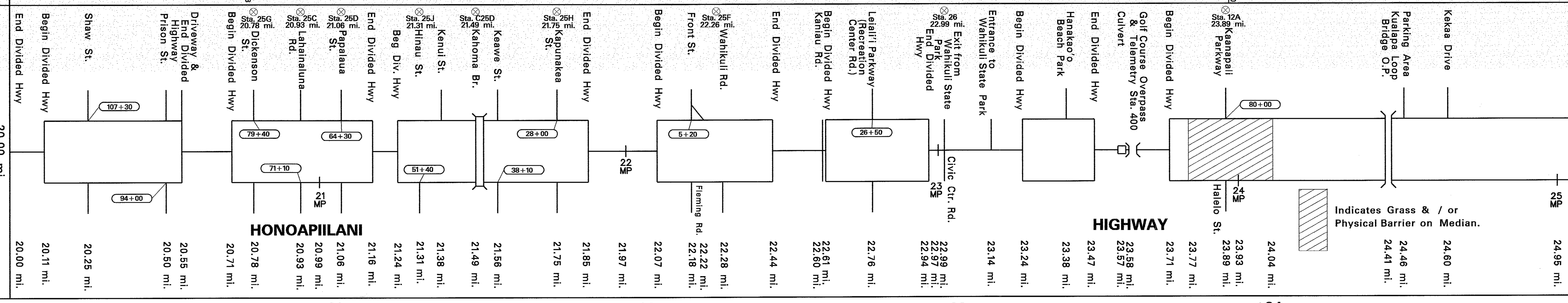
Item	Data (mi. 20.00 to 25.00)
Maintenance Control Sections: Length and Description	30 C (15.33 MI.); 20.53 End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St.; 30 B (1.75 MI.); End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. 22.28; 30 A (13.59 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Twin Box Culvert, 1957 H 20 — 44' (21.48); Tee Beam 1969 (23.58); Pre Stressed Concrete Girder HS-20-44, 1969,1999 — 45'-4" (24.41)
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	44'
Structure Over Road — Vertical Clearance	16.8'; 16.5'
Structure Over Road — Horizontal Clearance	47'; 74'
Right of Way Width (min.–max.) if varies	76'–280'; 22.40; 80'–190'
Available Right of Way Width (Needs Study)	(R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area; 20.82 Residential 21.30; 21.40 Clear Canefield 21.80; Residential 22.70; Brush & Trees 23.62; Residential/Recreation
Right of Way Fence: Type – Right and Left	Various 20.24; Chain Link 20.49; 20.80 20.86 Various 21.04; 20.81; 21.20 Chain Link; 21.89 Various 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; (109+80) 20.20; (82+50) 23.94
Project No., Type of Construction, and Year Constructed	HWY–M–07–07M, Marking and Striping, 2008
Project No., Type of Construction, and Year Constructed	30ABC–01–97M, R, 1998; 20.78 ←(STP–030–1(29)), Inter. Impr. @ Dickenson St., 1999); 30ABC–01–97M, R, 1998; 23.90 STP–030–1(31) (Resurf & Widen) 1999



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 4. 20.00 mi.



CONTINUED ON SHEET 6. 25.00 mi.

SCALE: (In Miles) 4" = 1 mile — mileposts 20, 21, 22, 23, 24, 25

Item	Data (mi. 20.00 to 25.00)
Undivided — Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	(See Note) ← 20.23 8' AC; 20.72 20.80 → (See Note); 4'–6' AC
Undivided — Pavement: Width and Type	24' AC; 12' AC; 20.55 22' AC; 22' AC; 44' AC; 22' AC 21.38; 21' AC; 21.78 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC
Undivided — 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'–10' Painted Median) 0
Divided — 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; 21.16; 21.24; 21.85; 22.07; 22.44; 22.61; 22.94; 23.24; 23.47; 23.71; 23.77 23.91 (10'–38' Grass (Raised)); 23.91 24.02 (10'–38' Grass (Flush)); 24.04 (10'–38' Grass (Raised))
Divided — Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0
Divided — Pavement: Width and Type	12' AC; 11' AC 20.87 (See Note) 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC
Divided — Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	(See Note) ← 20.23 8'–10' AC; 8'–10' AC 20.80 → 20.90 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC
Number of Traffic Lanes	2–12'; 20.55 1–11' .72 2–11' 1–11' 20.87; 4–11'; 21.38 1–10', 1–11' 2–11' 21.78; 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	20.25 20.32; 20.59 .63 .72; 20.78 20.84; .88; 21.01 21.12; 21.31 21.36; 21.63; 21.75 21.79 11' (L) T.L.; 22.18 11' (L) T.L. 22.34; 22.76 22.82; 1–11' (L) T.L. 23.38 1–11' Accel. Ln.; 23.89 23.98 11' (R) T.L.; 24.42 24.46 24.52
(Right Side)	20.18; 20.45 20.50; 20.74; 20.93 20.99 21.06; 21.46 21.56 .50; 21.71; 11' (L) T.L. 22.14 22.25 22.28 11' T.L.; 22.70 11' T.L. 11' T.L.; 23.31 23.43; 23.69 2 (L) T.L.s @ 11' ea; 24.50 11' T.L.s 24.60
Frontage Road: No. of Lanes, and Width (Right and Left)	20.78; 4'–6' AC Bikeway (L) & (R); 23.89
Sidewalk: Width and Type (Right and Left)	24.12 .57
Curb and/or Gutter: Type (Right and Left)	21.11; 21.31; 21.40 21.42 21.44 21.47; 21.69; 22.11 22.15; 22.29 22.38; 22.81 22.89 22.91; 23.07; 23.27 23.32; 23.53; 23.90; 24.12 4' Concrete Gutter; .16 4' Concrete Gutter 24.93
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. B=Conc. Barrier)	20.73 20.80; 21.09 B; B; 21.36 21.43; 21.58 21.65; 21.70 B 21.76 21.87; 21.96 B 22.08; 22.11 B 22.16 (Conc. Retaining Wall); 22.44 22.49 22.57 22.61 22.65 22.71 22.79; B; 23.05 23.10; 23.44 23.49 23.51 B 23.55 23.56 B; 23.76; 23.90 24.04; 24.10; 24.35 24.43 24.50 24.52 24.65 .74 .78
Illumination: Type, Location and Number	2 250W HPS 20.78; 20.89 20.92; 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; 21.60 +2 21.98; 22.35 –1 22.78; 22.97 –1 23.12; 24.67 +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	20.25 3 Phase; 3 Phase 20.78; 4 Phase 20.93; 21.06 3 Phase; 21.31 3 Phase; 3 Phase 21.58; 21.75 3 Phase; 22.18 3 Phase; 22.76 3 Phase; Traffic Lights 23.89
Traffic Stations (Current Year)	B74 0030 01968; B74 0030 02050 20.61; 20.98 ←(B74 0030 02098); B74 0030 02106 21.96; B74 0030 02218 22.86; B74 0030 02359 23.60; 24.03 B74 0030 02389
HPMS Sections – AADT 2007	24,745; 26,260; ←(36,260); 34,745; 40,905; 41,915; 34,545
HPMS Sections – AADT 2006	24,500; 26,000; (35,900)→; 34,400; 40,500; 41,500; 34,200
HPMS Sections – AADT 2005	24,301; 25,757; (35,514)→; 34,105; 40,130; 41,043; 33,903
DOD Sections	20.50; 20.98; 21.06; 22.18; 23.59; 23.89
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–02–87 Widen, 1989; 30AB–01–86M 1986; 20.81; 24.01 24.03 30A–01–96M (R) 1997; 23.92 30AB–02–85 1985; 24.51 30AC–01–87M & 30A–01–87,1987
	30BC–01–87M (R) 1987; 20.95; 21.27 ← 21.41 —(30B–01–85 Traffic Signal 1985)
	30BC–02–86 Improvements, 1987; 30AB–02–85 Shldr. & Guardrails 1985; 22.21; 30AB–01–82 Shldr. & Guardrails 1982; 23.92 30AB–02–85 Shldr./Guardrails 1985
	F–30(1) 1957 20.81; 30AB–01–78M (R) 1978; 22.07 30AB–01–79M 1979 22.41; 30AB–01–78M (R) 1978
	F–30–1(1) 1956; 22.30 0+86.12 0+00; S–0300(1) 1958

SCALE: (In Miles) 4" = 1 mile — mileposts 20, 21, 22, 23, 24, 25

Date Released	
Aug 2003, D.B.	
Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.

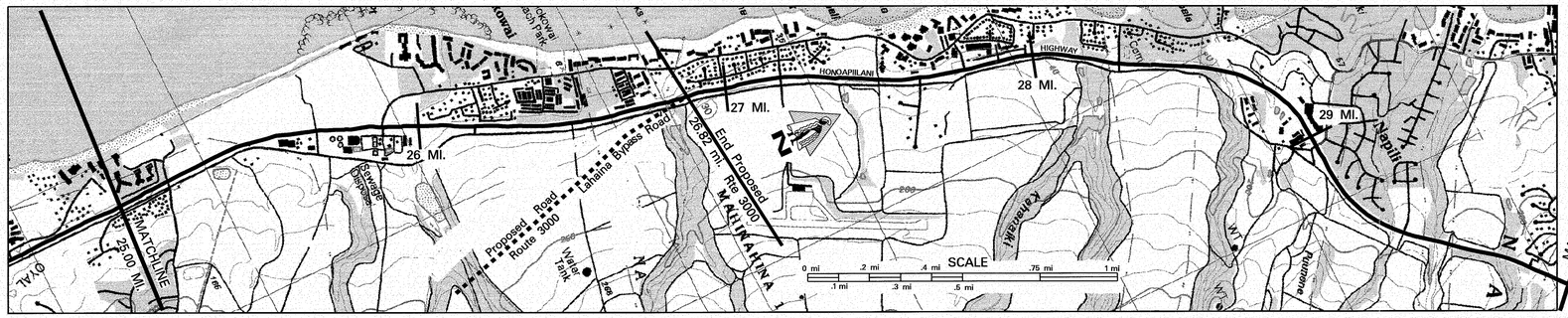
ROAD INVENTORY

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 — 50' (25.99) — 68'

Prestressed I-Beam HS-20-44 1981 — 74' (28.16) — 47'

Vertical Clearance

Horizontal Clearance

Structure Over Hwy

Vertical Clearance

Horizontal Clearance

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

80'–190' (28.76) — 150' — 75' (27.65) — 45'–190' (28.74) — 90' (28.01) — 140'–210' (29.50) — 230'–320' (29.72) — 300'–400'

Available Right of Way Width (Needs Study)

Resedential/ Recreation (25.22) — Clear – Canefield 15' from E.P. (26.10) — Residential (28.17)

Right of Way Fence: Type – Right and Left

Chain Link (25.95 25.98) (26.26 26.46) — Chain Link (27.40 27.50) (28.26 28.33) — Chain Link (28.43 28.52)

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

None

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

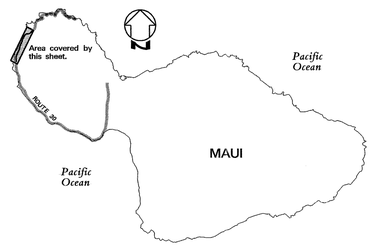
182+00 (26.82) — State — 159+55 (28.60) — 191+65 (29.21)

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 (28.13) — STP-030-1(23), R, 1996 (27.32) — 30A-01-97M, R, 1998



Road Diagram
* MP = Milepost Signage

25.00 mi. CONTINUED FROM SHEET 5.

Kai Ala Dr. — Halewai Dr. — Lower Honoapiilani Rd. (185+80) — Honokowai Br. Sta. C12D 26.39 — End Divided Hwy — Cane Haul Rd. — Road — ECB (L) — End Proposed Rd. (Rte 3000) (Lahaina Bypass) — Begin Divided Hwy — Akahele St. (84+50) — ECB — Culvert End Divided Hwy — Begin Divided Hwy — Ala Hoku Pl. (115+80) — Hoohui St. — End Divided Hwy Ent. to Kahana Gateway — Kahana Nui Rd. (130+90) — Sta. C12E 28.17 SR — Kahana Kai Br. — Cane Haul Rd. (Hui Rd.) — SHRP Station C12E — ECB (R) (142+70) — Begin Divided Hwy — Road — Napilihau St. (181+90) — Sta. C12F 29.03 Napilihau St. — End Divided Hwy — Begin Divided Hwy — Malha St. & Tractor-Xing — Sunset & Tractor-Xing — End Divided Hwy — Begin Divided Hwy & Rd. — CONTINUED ON SHEET 7. 30.00 mi.

HONOAPIILANI — HIGHWAY

Puukolii Rd. 25.16 mi. — 25.63 mi. — 25.89 mi. — 25.99 mi. — 26.03 mi. — 26.08 mi. — 26.18 mi. — 26.50 mi. — 26.61 mi. — 26.82 mi. — 26.98 mi. — 27.02 mi. — 27.19 mi. — 27.15 mi. — 27.32 mi. — 27.31 mi. — 27.51 mi. — 27.63 mi. — 27.78 mi. — 27.89 mi. — 27.97 mi. — 27.98 mi. — 28.06 mi. — 28.17 mi. — 28.29 mi. — 28.31 mi. — 28.37 mi. — 28.75 mi. — 28.82 mi. — 28.96 mi. — 29.03 mi. — 29.19 mi. — 29.28 mi. — 29.44 mi. — 29.54 mi. — 29.59 mi. — 29.86 mi. — 29.94 mi.

Divided Highway

Undivided

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

Pavement: Width and Type

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

Divided

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

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

4'–6' AC (25.87) — 8'–10' AC (26.11) — 10'–12' AC (28.60) — 4'-6' Bike Route (28.95) — (8' AC) (29.97)

22' AC — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 4'-6' Bike Route — 12' AC — 24' AC — 12' AC — 36' AC — 12' AC

0 — 8'–10' AC (26.40) — 10' AC — 0 — 10' AC — 0 — 10' AC — 4'-6' Bike Route — 0 — 10' AC — 0 — 10' AC — 0

0–15' Painted AC (26.98) — 10' Painted AC (27.02) — (27.31) (27.61) — 12' Painted AC (27.97) — (28.82) — 10' Painted AC (28.19) — 12' Painted AC (29.28) — (29.54) (28.96) — (12' Painted AC)

0 — 0 — 0 — 0 — 0 — 0

22' AC (26.01) — 12' AC — 12' AC — 12' AC — 12' AC — 4'-6' Bike Route (28.15) — 12' AC (29.44) — 24' AC — 24' AC

6'–8' AC — 10' AC — 10' AC — 10' AC — 10' AC

Number of Traffic Lanes

4–11' (25.69) — 2–12' (27.74) — 12' T.L. (28.89) — 1-12' (29.44) — 1-12', 1-12' Truck Ln. (29.61) — 12' Climbing Lanes

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

(Right Side)

All 12' T.L.s

11' T.L. — 11' T.L. — 11' T.L.

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' Conc. Gutter — 4' C. G. — 4' 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 (26.40)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (2)

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

Flat (26.07) — Rolling (27.83)

Speed: 1–Design, 2–Posted

40 MPH (2) — 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 Phase (25.16) — 3 Phase (25.69) — 3 Phase (25.99) — 4 Phase (27.18) — (B74 0030 02762) — 3 Phase (29.07)

Traffic Stations (Current Year)

B74 0030 02389 — B74 0030 02516 (25.73) — 26.15 — B74 0030 02588 — 27.66 — 28.18 — B74 0030 02777 — B74 0030 02901 (29.23) — B74 0030 02942 — 29.93

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). (29.64) — Not On NHS (0)

Previous Projects: Project No., Date and Limits

30A-01-96M (R) 1997 (25.64) — STP-030-1(23) Resurf 1996 (27.70)

30AC-01-87M & 30A-01-87, 1987 (25.69)

30AB-01-78M Resurf 1978 (25.79)

S-0300(1) 1958 (25.73) — RF-030-1(7) New Construction, 1977 (27.74) — F-030-1(13) New Construction, 1981 (29.01) — F-030-1(8) New Construction 1984

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.
Revised
Aug 04 D.B.
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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

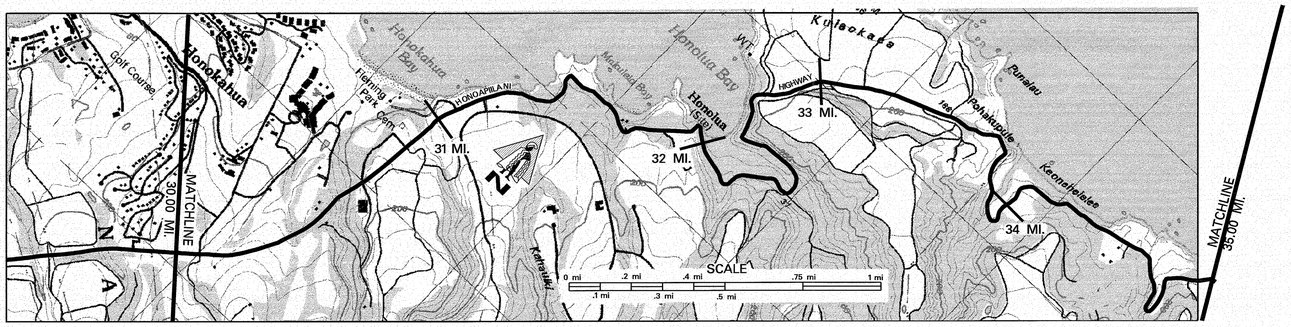
Total Route Length: 41.67 miles

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'

Structure Over Road

Horizontal Clearance: 52' | 17'

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (300'–400') | 40'

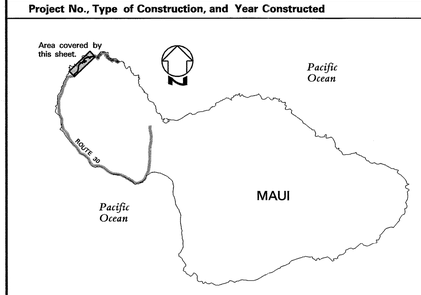
Available Right of Way Width (Needs Study): Residential | Heavy Brush, Trees & Rocks | 1000' Clear Pineapple Fields 15° form E.P. | Heavy Brush & Rock

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 6.

30.00 mi.

Kapalua Village Golf Course | End Divided Hwy | Honokahua Strm. Br. | Access Rd "A" | Bgn Divided Hwy & Culvert | Sta. C12G 375 31.05 mi. Lower Access to Honopiilani Hwy | End Divided Hwy | Plantation Estates Dr. | Culvert | Lookout (L) | Honolua Pl. | Sta. C12C 31.93 mi. Lookout Access Rds. | Honolua Br. | Pineapple Field Rd. | Shooting Range | Dirt Road | Culvert | Pullout | Pullout | Culvert

HONOAPIILANI — 31 MP — HIGHWAY — 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. | 31.66 mi. | 31.84 mi. | 31.92 mi. | 32.41 mi. | 32.52 mi. | 33.17 mi. | 33.39 mi. | 33.52 mi. | 33.70 mi. | 33.94 mi. | 34.27 mi. | 34.34 mi. | 34.52 mi. | 34.76 mi.

CONTINUED ON SHEET 8.
35.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

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

Pavement: Width and Type

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

Divided Highway

Median: Width and Type

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

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

	30	31	32	33	34	35
Shoulder: Width and Type	(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	0	10' AC	8' PCC	8' AC	0	(8' AC) 2' AC				
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	10' AC				8' AC	(See Note)				

Number of Traffic Lanes: (1–12') (1–12', 1–12' T.L.) | 1–12', 1–12' Truck Lane 1–12' | 2–12' | 2–10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Climbing Lanes | 12' T.L. | 8' T.L. | 10' T.L.

(Right Side): 12' T.L. | 10' T.L.

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): 4' Conc. Gutter | AC Curb | Curb

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

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:

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Small Urban (2) | Rural (1) | 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 02942) B74 0030 03005 | B74 0030 03082

HPMS Sections – AADT 2007: (8,485) 1,720 | 1,820

HPMS Sections – AADT 2006: (8,400) 1,700 | 1,800

HPMS Sections – AADT 2005: (8,280) 1,690 | 1,754

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(8) 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.
Mar. 09 D.B.
Dec. 09 D.B.

ROAD INVENTORY

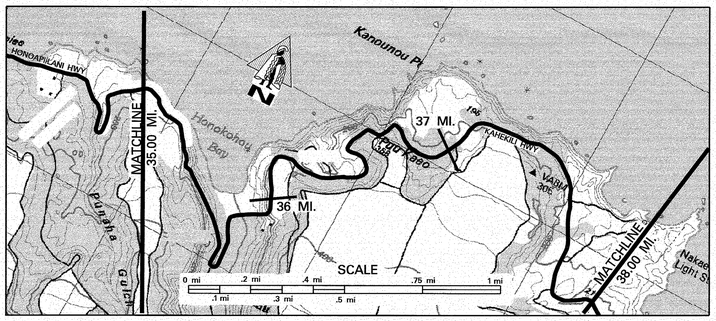
MAUI RTE 30
HONOAPIILANI HWY – KAHEKILI HWY

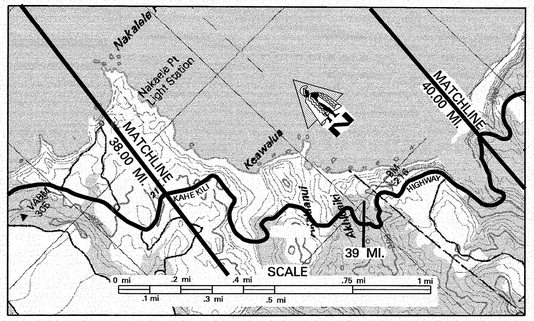
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

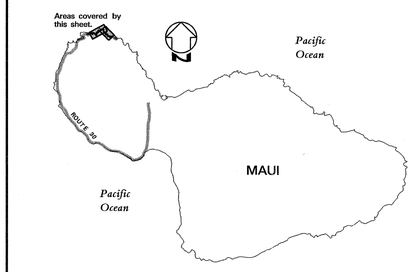
Total Route Length: 41.67 miles
a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



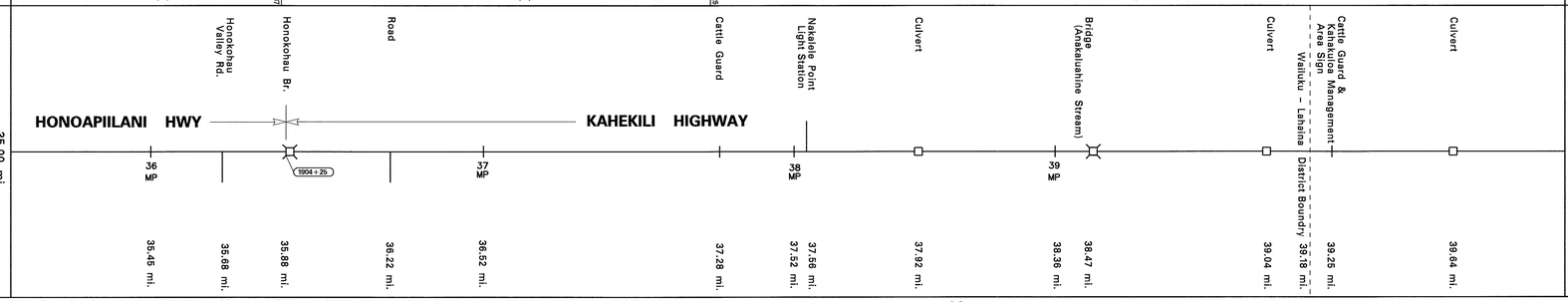


		35	36	37	38	39	40
SCALE: (In Miles) 4" = 1 mile							
Maintenance Control Sections : Length and Description		30 A (13.59 MI.)	Begin 30 A at the West End of Honokohau Bridge 35.45				
Structure Carrying Road	**Bridges (Over 20'): Length, Type, Capacity and Year Constructed**		Concrete Girder 1924 (1966) HS–20			Timber Stringer 1924 H–10	
	Vertical Clearance		76′ 35.67			22′ 38.46	
	Horizontal Clearance		26′			13′	
Structure Over Road	**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 35.86 35.86		37.47 Wire on Wood 39.15		
Control of Access: 1–None, 2–Partial, 3–Full					None		
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)			1905 + 00 35.89		State		
Project No., Type of Construction, and Year Constructed					30A–01–07M, Repairs and Maintenance, 2008		
Project No., Type of Construction, and Year Constructed		30A–01–91M (R) 1992	35.67 340D–01–93M (R) 1994	37.25	30A–01–95M (Resurface) 1996		



Road Diagram
* MP = Milepost Signage

35.00 mi. CONTINUED FROM SHEET 7.



CONTINUED ON SHEET 9. 40.00 mi.

		35	36	37	38	39	40
SCALE: (In Miles) 4" = 1 mile							
Divided Highway Undivided	**Shoulder: Width and Type**		2′ AC	37.43	8′–10′ Dirt 38.10	2′ AC 39.03	2′ AC/6′ Grav. 39.35 2′ AC
	Pavement: Width and Type	20′ AC	35.87 18′–20′ AC	37.25		20′ AC	
	Shoulder: Width and Type		2′ AC	37.51	2′ AC/6′ Dirt 38.10	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′	35.87 2–(9′–10′)	37.25	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)		35.21 AC Curb 35.71	35.85 36.03 36.05 3′-6″ AC Gutter 36.20		38.24 38.28 3′-5′ AC Gutters 38.36 38.36		
Protective Devices: Type, Location and Number	All Guardrails Metal Rails on Metal Posts except where otherwise noted. B = Conc. Barrier	35.57 35.55 35.78 35.70 35.86 35.73	36.05 36.17 36.15 36.44 36.47 36.61 36.69	37.05 37.06 37.20 37.32	37.97 38.20 38.24 38.28 38.30 38.34 38.36 38.36	38.90 38.69 38.87 39.24 39.49 39.47 39.56 39.82 39.87	
Illumination: Type, Location and Number							
Curves: Degree of Curvature (Right and Left)							
Superelevation (Range)							
Grades: % Grade, Positive or Negative			36.78 –7 36.90		38.15 –10 38.36	39.47 –9 39.57 39.65 +8 39.85 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		39.73	
		A 300–01–66 (R) 1968	35.57 35.87	330C–03–70 1970 County		39.31 340A–02–72, 1976	
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.*
Dec. 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

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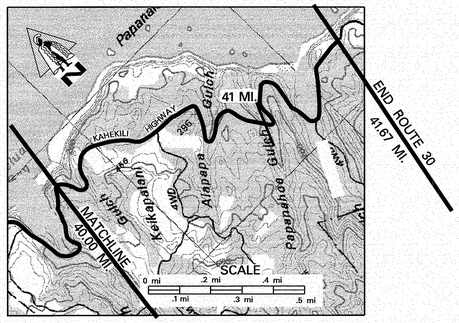


SCALE: (In Miles) 4" = 1 mile

40 | 41 | 42 | 43 | 44 | 45

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' (41.31)

Horizontal Clearance

18'

Structure Over Road

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

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

None

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

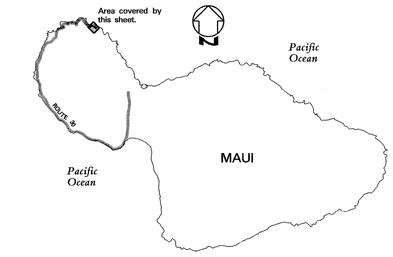
State (2211+50) (41.67)

Project No., Type of Construction, and Year Constructed

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

Project No., Type of Construction, and Year Constructed

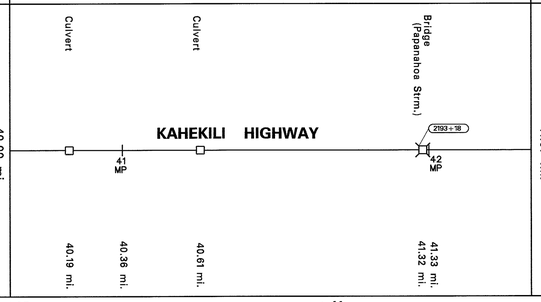
30A–01–95M (Resurface) 1996



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 8. 40.00 mi.



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

40 | 41 | 42 | 43 | 44 | 45

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

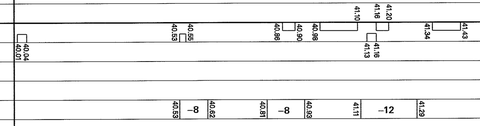
All Metal Rails on Metal Posts.

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative



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

HPMS Sections – AADT 2005

1,754

41.67

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

40 | 41 | 42 | 43 | 44 | 45

Date Released
Aug 2003, D.B.

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

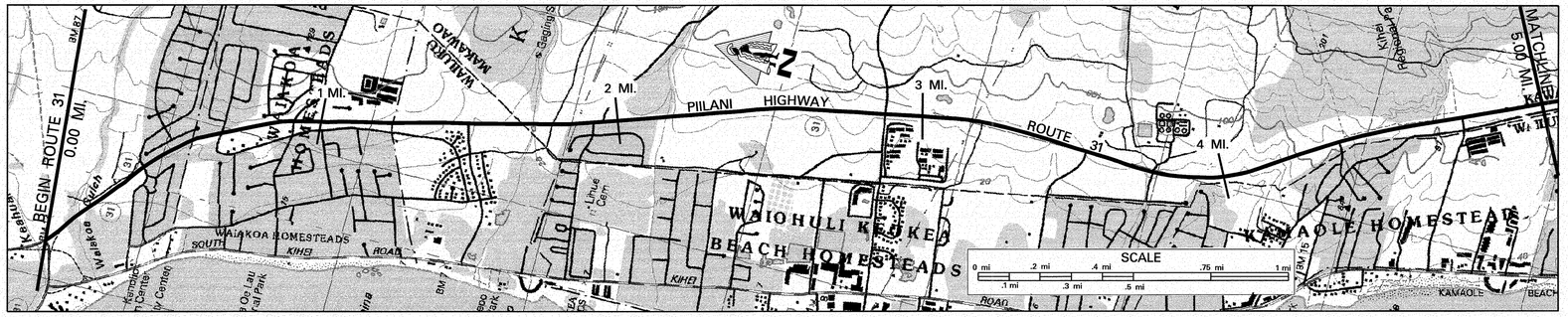
Total Route Length: 12.01 miles

a. Survey Length: 7.15 miles

b. Proposed Length: 4.86 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance

Structure Over Rte — Vertical Clearance

Structure Over Rte — Horizontal Clearance

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

Available Right of Way Width (Needs Study)

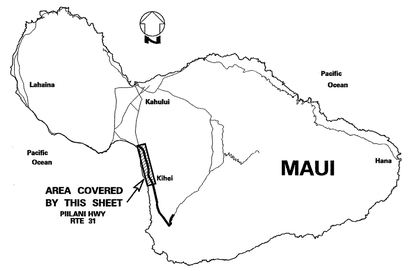
Right of Way Fence: Type – Right and Left

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

BEGIN ROUTE 31 ON PIILANI HIGHWAY AT 0.00 mi.
THE CENTERLINE INTERSECTION WITH
NORTH KIHEI RD. (RTE 310).
(SAME AS END RTE 311 MOLULELE HWY)

CONTINUE ON SHEET #2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

Divided Highway — Undivided — Pavement: Width and Type

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

Divided Highway — Median: Width and Type

Divided Highway — Shoulder: Width and Type

Divided Highway — Pavement: Width and Type

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

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 — 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 — F L A T

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B74 0031 00000 1.63 | 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

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

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

ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

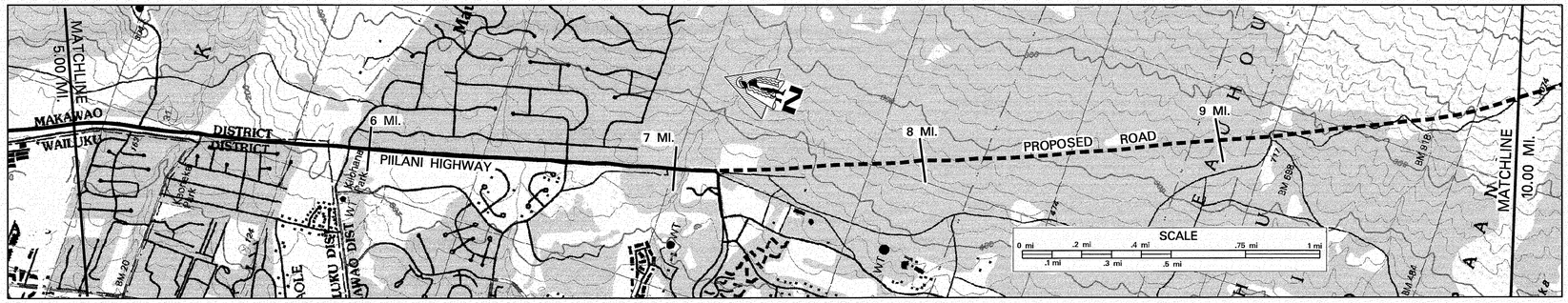
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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' (5.91) 105' – 305'

Available Right of Way Width (Needs Study)

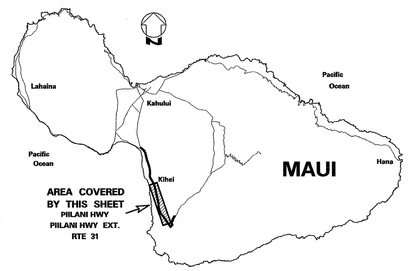
Right of Way Fence: Type – Right and Left: CHAINLINK (5.41–5.65) CHAINLINK (5.82–6.48) NONE (6.48–6.47) (6.49–6.62) (6.64–6.80) (6.78–6.87) (7.12)

Control of Access: 1–None, 2–Partial, 3–Full: STATE (84+90 – 5.91 – 150+00)

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

Project No., Type of Construction, and Year Constructed: (31AB–01–02, WIDENING, 2003) (5.91) HWY–M–01–06M, RESURF., 2007 (7.15)

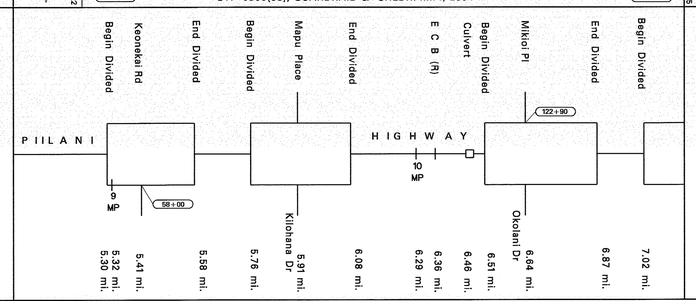
Project No., Type of Construction, and Year Constructed: (5.22) (790+00) STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004 (150+00) (7.15)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

Continued from Sheet # 1



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 on sheet # 3

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 6'–8' AC | 10' AC
- Pavement: Width and Type: 44' AC | 22' AC | 44' AC | 22' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC
- Shoulder: Width and Type: 6'–8' AC | 0' | 6'–8' AC | 0' | 10' AC | 0' | 10' AC | 0'

Divided Highway – Divided
- 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 (6.09) (6.51) 0'–14' Painted AC (6.87) (7.02) (7.09) 0'–25' Painted AC; Raised Curb, Flush AC
- Shoulder: Width and Type: 0' | 0' | 0' | 0'
- Pavement: Width and Type: 22' AC | 12' AC | 22' AC | 12' AC | 12' AC
- Shoulder: Width and Type: 6'–8' AC | 10' AC | 6'–8' 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: F L A T (5.86 – 7.07)

Speed: 1–Design, 2–Posted: 40 MPH (2) | 45 MPH (2) | 45 MPH (1) | 35 MPH (2) (5.97 – 6.72 – 7.04) | 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)

DOD Sections: (5.93) (7.08) (7.77)

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)
- TQF–RF–031–1(6) 1981 (5.93) F–031–1(3) 1990

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

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

ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

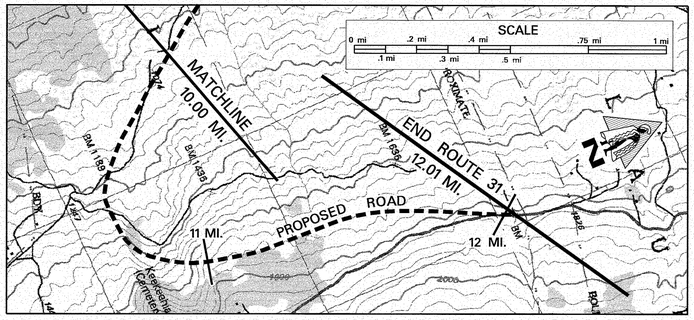
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

10 11 12 13 14 15

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)

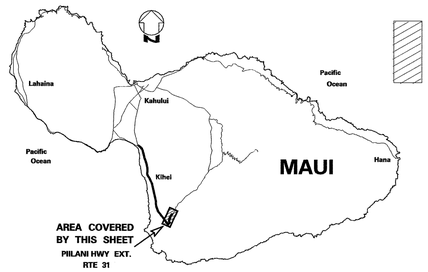
Right of Way Fence: Type – Right and Left

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

10 11 12 13 14 15

Divided Highway – Undivided
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Divided Highway
- 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

10 11 12 13 14 15

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

ROAD INVENTORY

MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

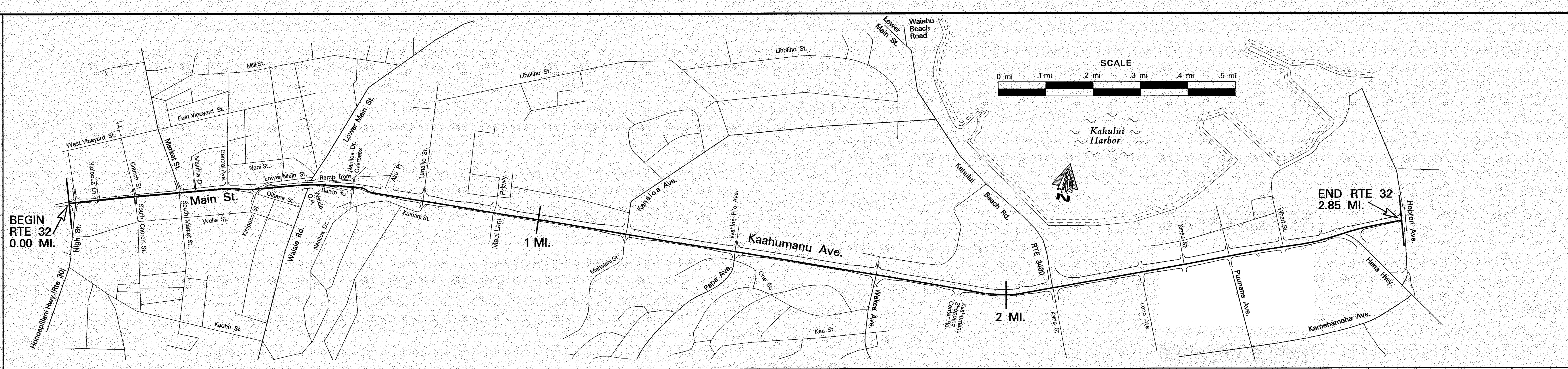
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 ________



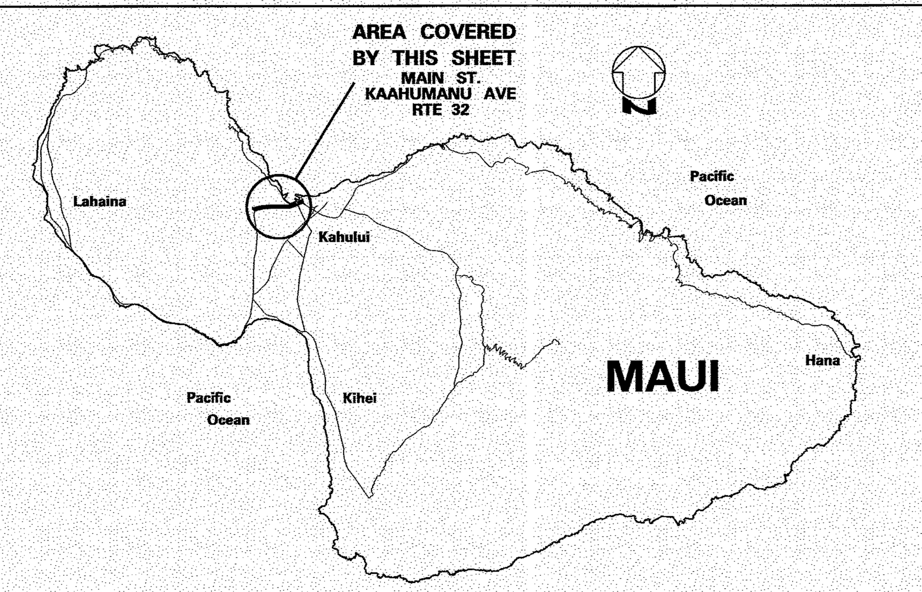
Scale: 1" = 0.15 mile — 0 | 1 | 2 | 3

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' (0.51); Conc. Frame 1936 H15 (0.60)
- Vertical Clearance — 0.51; 0.60
- Horizontal Clearance — 34'

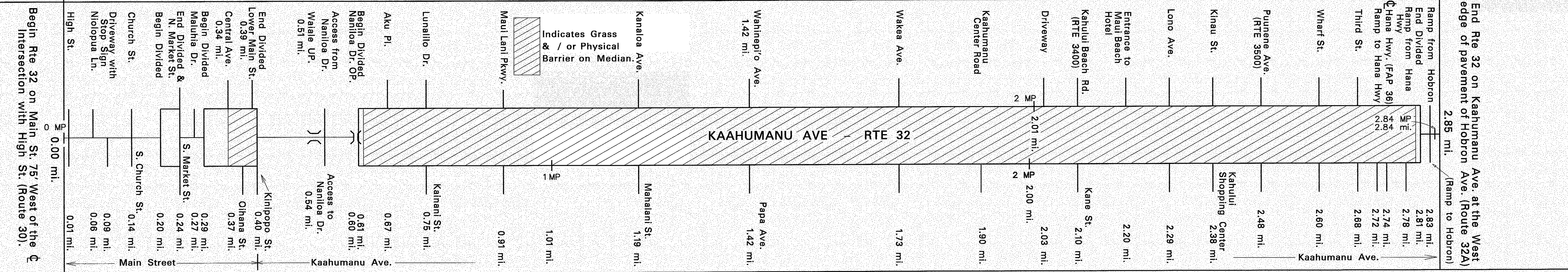
Structure Over Road
- Vertical Clearance — 14' 10"
- Horizontal Clearance — 45'

Item	Values
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 (0.76) Bushes with Slight Cut Slope (1.75) Urban / Commercial
Right of Way Fence: Type – Right and Left	(Chain Link 50' from Edge of Pavement) 0.76 – 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; (HWY–M–04–97, 1998) 2.60; (36A–01–96M, (R), 1999) 2.70; 2.78 (HWY–M–04–97, 1998)
Project No., Type of Construction, and Year Constructed	NH–STP–032–1(6), Traffic Signals & Widening, 2002



Road Diagram

* MP = Milepost Signage



Scale: 1" = 0.15 mile — 0 | 1 | 2 | 3

Divided Highway – Undivided

Item	Values
Shoulder: Width and Type	0 (23' AC) (.26) (.31) (0.36) 8'–10' AC (0.41) 0 (0.54) 4' AC (0.65) 0 (0.76) 4'–6' AC (2.14) 0 (2.83) (4' AC)
Pavement: Width and Type	26' AC (0.09) 23' AC 12' AC 26' AC 12' AC 24' AC 32' AC (1.18) 24' AC (1.40) (1.58) (2' AC) (2.20) 36' AC (2.72) 12'–22' AC (32' AC)
Shoulder: Width and Type	0 0 0 (14' AC) 0 0 (0.52) 4'–8' AC (0) 1' AC (0.90) (0.92) 0 (1.02) 1' AC (1.07) 0 (1.16) (2' AC) 0 (1' AC) (1.41) 0 (1.46) 2' AC (1.50) 0 (1.56) (3' AC) 0 (1.70) (1.71) 0 (1.76) 2' AC (1.80) 0 0

Divided Highway – Divided

Item	Values
Median: Width and Type	(0'–6' Painted AC) (0.20) (0.24) (0.29) (0'–6' Painted AC) (0.34) (0.40) (0'–12' Painted AC with Rolled Curb) (0'–10' Painted AC) (0.61) (0.62) 4' – 24' Grass (raised) Conc. Curb; (Conc. Curb & Gutter); (Conc. Curb) (1.88) (2.29) 4'–24' Trees & Shrubs (Raised) (2.67) 4'–24' Grs. (Raised) (2.81) (2.83) (0'–4' Painted AC)
Shoulder: Width and Type	0 0 (0) 10' AC (0.66) 0 (3' AC) (1.21) 0 (1.29) (3' AC) 0 (1.43) (3' AC) 0 (1.56) 3' AC (1.59) 0 (1.65) (1.66) 0 (1.74) (3' AC) 0 (1.89) (2' AC) 0 (2.64) 1'–5' AC (2.69) 0 (2.78)
Pavement: Width and Type	12' AC 12' AC 11' AC 12' AC (0.67) 24' AC (1.19) (1.20) 36' AC (1.31) (1.35) (1.45) (3' AC) 24' AC (1.75) (1.90) (2.12) 36' AC (2.60) 24' AC (2.72) 14' AC 28' AC
Shoulder: Width and Type	0 (1–11') 0 (0.37) 3' AC (0.45) (0.55) 4 – 10' AC 4'–6' AC (1.84) 0 (1.94) 4' AC (2.10) 0 (2.63) 1'–3' AC

Item	Values
Number of Traffic Lanes	1–11' 1–15' 1–12' 1–12' 1–14' (0.31) 2–12' 2–11' 1–10', 1–11' 1–11' 2–12' 1–12' 4–12' 2–12' 3–12' 4–12' 2–12' 3–12' 6–12' 3–12' 2–12' 1–12' to 22' 1–14' 2–14' (1–18') (1–14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — PL = 8' Parking Lane	11' 10' 10' 12' 10' 12' 10' 12' 10' 11' 10' 10' 12' 10' 12' 12' 10' 12' 10' 12' 12' 12' 12' 12' 12' 2 (L) TLs
(Right Side) — PL = 8' Parking Lane	11' 11' 11' 12' 12' 10' 10' 10' 12' 10' 10' 10' 12' 10' 12' 12' 10' 10' 12' 10' 2–12' Ⓡ TLs 14'
Frontage Road: No. of Lanes, and Width (Right and Left)	PL (0.02–0.19) PL (0.25–0.29)
Sidewalk: Width and Type (Right and Left)	Conc. Conc. AC Conc. 6' Conc. SW 6' Conc. SW (1.71) (1.86) 6' Conc. SW C. SW 6' Conc. SW Conc. SW
Curb and/or Gutter: Type (Right and Left) — 1 = AC Curb	Stone Curb, Conc. Curb, Conc. Curb, Stone Curb, Stone Curb, (Conc. Curb), Conc. Curb, (Conc. Curb & Gutter), (Conc. Curb), (Conc. Curb with Conc. Gutter Behind), Conc. Gutter, Conc. Curb, 1' Conc. Curb, (1' Conc. Curb)
Protective Devices: Type, Location and Number	M/M (1.01–1.15) M/M (1.21–1.32)
Illumination: Type, Location and Number	Mercury Vapor
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	(0.03) –4 (0.32) (1.09) –2 (1.85)
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) (0.52) (0.77) 45 MPH (2) (1.95) (1.96) 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — Ph. = Phase	3 Ph. (0.24) 3 Ph. (0.34) 3 Ph. (0.75) 3 Ph. (0.91) 4 Ph. (1.19) 4 Ph. (1.42) 4 Ph. (1.73) 4 Ph. (1.90) 3 Ph. (2.10) 3 Ph. (2.29) 3 Ph. (2.49) 4 Ph. (2.60) 3 Ph.
Traffic Stations (Current Year)	0.08 B74 0032 00000; 0.29 B74 0032 00024; (B74 0032 00037); B74 0032 00040; B74 0032 00052; B74 0032 00062 1.04; B74 0032 00118 1.30; B74 0032 00141 1.80; (B74 0032 00210) 2.15; 2.31 B74 0032 00220; B74 0032 00249 2.52; (B74 0032 00260) 2.63; (B74 0032 00268); (B74 0032 00272); (B74 0032 00274) 2.79; (B74 0032 00281)
HPMS Sections – AADT 2007	11,820 13,030 (17,375) 27,575 27,675 25,355 34,445 24,140 55,755 44,040 32,825 32,825 (32,825) 3,535
HPMS Sections – AADT 2006	11,700 12,900 (17,200) 27,300 27,400 25,100 34,100 23,900 55,200 43,600 32,500 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 (32,190) 3,433
DOD Sections	
Census Tracts	
Functional Classification	Principal Art. (Conn. Link) (14) (0.50) Principal Arterial (14)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	(0.61) STP–0900(34), 1998 (2.10) (2.30) (2.39) (32A–01–96, 1998)
	(0.47) HWY–M–04–97, 1998 (R) 2.67 2.77 (32A–01–89M (R) 1991)
	HWY–M–02–91M (R) 1992 (0.51) 32A–01–89 (R) 1991 2.68 DANCR 1945
	32A–01–83M (R) 1983 0.64 27+26.98 DF–032–1(4) 1958 (2.03) (F–032–(2), 1955) 2.16 11+00 F–032–1(1), 1957 2.68 –3+84.06 (DANC 8(1) 1944)
	County Phase II 0.33 WPGM13–H, 1936 0.54 WPGM13–I, 1936 0.68 100+75.81 3+85.21 38+60.33

Scale: 1" = 0.15 mile — 0 | 1 | 2 | 3

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

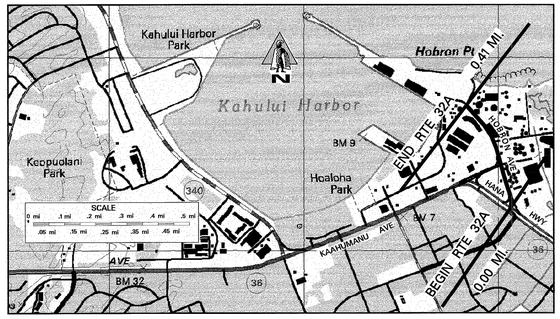
Total Route Length: 0.41 miles

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)

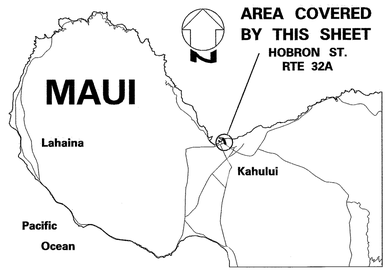
5+26 | STATE | 0.17 | STATE PHASE II | (–)13+60

Project No., Type of Construction, and Year Constructed

0.00 | HWY–M–01–05 (R) 2006 | 0.39 | COUNTY TO STATE

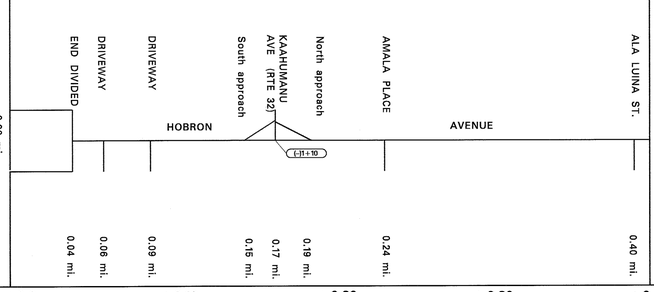
Project No., Type of Construction, and Year Constructed

(Inter. Improvement) | STP-036-1(12) 2000 | 0.04 | HWY–M–01–91M (R) 1992



Road Diagram

* MP = Milepost Signage



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

6′ AC | 0.39 | 15′ – 20′ AC/GRAVEL

Pavement: Width and Type

22′ AC | 33′ AC | 0.07 | 22′ AC

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)

(C) 1 – 11′ | 0.24

(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)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

1 MV 0.15 | 1 MV 0.23

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

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

0.41

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.
Dec. 09	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

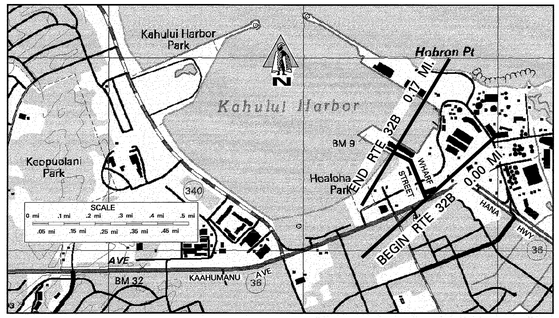
Total Route Length: 0.17 miles

a. Survey Length: 0.17 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.17 miles

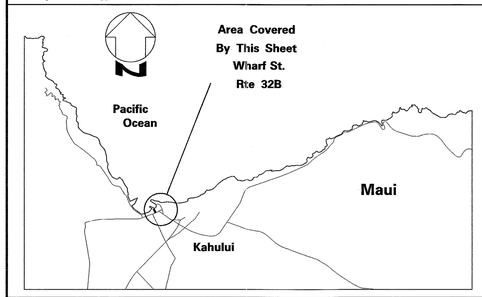
*



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		0.00 0.00 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) 0.17 1979 0.14	



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.

PAVED ROAD 0.11 mi. STREET

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 0.02	0.08 8' AC 0.07 10' AC 0.14 30'–50' AC
	Pavement: Width and Type	24' AC 0.02 26' AC 0.04	36' AC 0.08 42' AC 0.11 44' AC 0.12 36' AC
	Shoulder: Width and Type	2' AC	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		0.02 0.04 0.06 0.12	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		2–12' 1–12' 1–14' 2–18' 1–14' 1–16'	
(Right Side)		1–14' 12' T.L. 1–28' 0.08 1–30' 0.11 1–20'	
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	0.17
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	

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

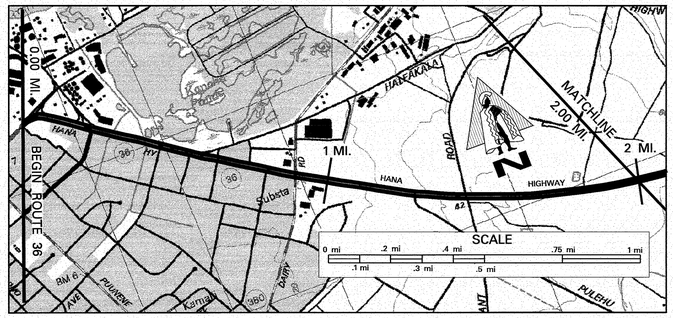
Total Route Length: 16.23 miles

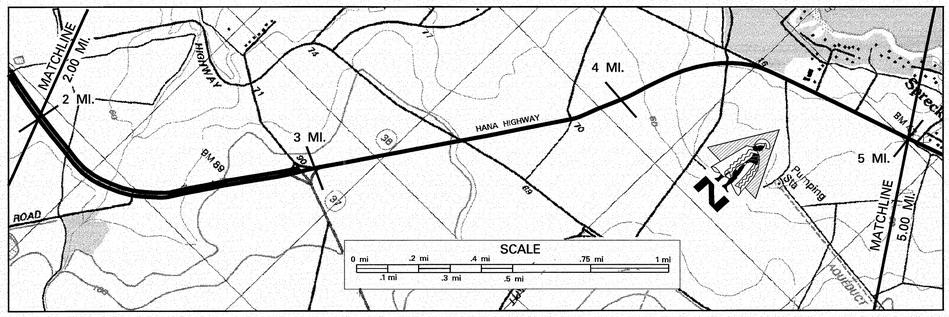
a. Survey Length: 16.23 miles

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 (2.39)

Vertical Clearance — 105′

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies — 100′ – 168′ — 60′ (4.61)

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 — N O N E

Control of Access: 1–None, 2–Partial, 3–Full — PARTIAL — 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-036-1(12) Inter. Impr., 2000 — NH-036-1(16), RESURFACE, 2010 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

Project No., Type of Construction, and Year Constructed — 36A-01-96M (R), 1999 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 — 36AB-01-04M, RESURFACE, 2005

KAHULUI URBAN BOUNDARY (0.00)

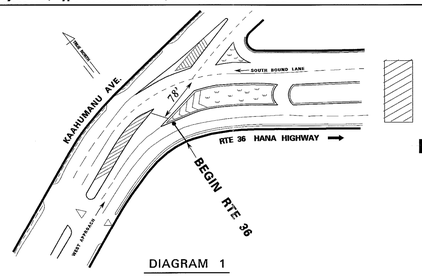


DIAGRAM 1

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 36 ON THE WEST APPROACH TO HANA HWY 78′ FROM THE CENTERLINE OF THE SOUTH BOUND LANE OF KAAHUMANU AVENUE (ROUTE 32) (SEE DIAGRAM 1)

HOBRON ST (Rte 32A) 0.02 mi. — ROAD 0.19 mi. — ROAD 0.27 mi. — WAKEA AVENUE 0.37 mi. — ROAD 0.43 mi. — HANAMAU STREET 0.52 mi. — HALEAKALA HWY (Rte 36A) 0.61 mi. — PAVED ROAD 0.72 mi. — PAPA PLACE 0.78 mi. — DAIRY ROAD (Rte 3800) 0.87 mi. — ROAD 0.95 mi. — 1.07 mi. — PULEHU ROAD 1.27 mi. — ROAD to Development 1.42 mi. — CONC. TC & CANE HAUL RD 1.80 mi. — 2.01 mi. — KAILIALINUI BR 2.19 mi. — HANSEN ROAD 2.29 mi. — CULVERT 2.37 mi. — HALEAKALA HWY (Rte 37) 2.66 mi. — 2.81 mi. — 2.92 mi. — 3.00 mi. — END DIVIDED 3.21 mi. — KALA STREET CULVERT 3.39 mi. — 3.44 mi. — CANE HAUL RD 3.79 mi. — 4.01 mi. — BEGIN DIVIDED 4.16 mi. — STABLE RD. 4.34 mi. — 4.38 mi. — ALAKAPA PL 4.65 mi. — END DIVIDED 4.73 mi. — BEGIN DIVIDED 4.84 mi. — NONOHE PL 5.00 mi.

HANA HWY — ECB — 1 MP — 2 MP — 3 MP — MP — 157+81.20 — 124+40 — 184+95 — 232+70 — 154+30

ROUTE 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 — 4′ AC

Pavement: Width and Type — 22′ AC — 24′ AC — TAPER 12′–24′ — 12′ AC — 24′ AC — 12′ AC — 12′ AC

Shoulder: Width and Type — 4′ AC — 0′ — 6′ AC — 0′ — 0′ — 4′ AC — 0′ — 0′

Median: Width and Type — 50′ GRASS — VARIES 16′–24′ GRASS — 4′ CONC. MEDIAN GUTTER — VARIES 20′ – 24′ GRASS — VARIES 10′–20′ PAINTED AC — 4′ CONC. MEDIAN GUTTER — VARIES 10′–14′ GRASS — VARIES 12′–20′ PAINTED AC — 12′ PAINTED AC — 12′ PAINTED AC

Shoulder: Width and Type — 4′ AC — 0′ — 6′ AC — 0′ — 6′ AC — 0′ — 0′ — 0′

Pavement: Width and Type — 24′ AC — TAPER 12′–24′ — 12′ AC — 12′ AC

Shoulder: Width and Type — 6′ AC — 10′ AC — 5′ BIKE LANE — 5′ BIKE LANE — 8′ – 10′ 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 — 11′ — 11′

(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

Illumination: Type, Location and Number — H P S — M/M

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 — HWY-M-01-96M AREA 3 1997 — 36A-02-87M (R) 1988 — 36A-01-82 Inter. Impr. 1983 — HWY-M-02-76M (R) 1976 — 36AB-01-04M, RESURFACE, 2005 — 36AB-01-90M (R) 1991 — HWY-M-01-76M (R) 1976 — DANC 8(1) 1945 — DANC 8(1) 1943, 1945 — 147+44.30 NRS – 17A 1933

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.
Dec. 09	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

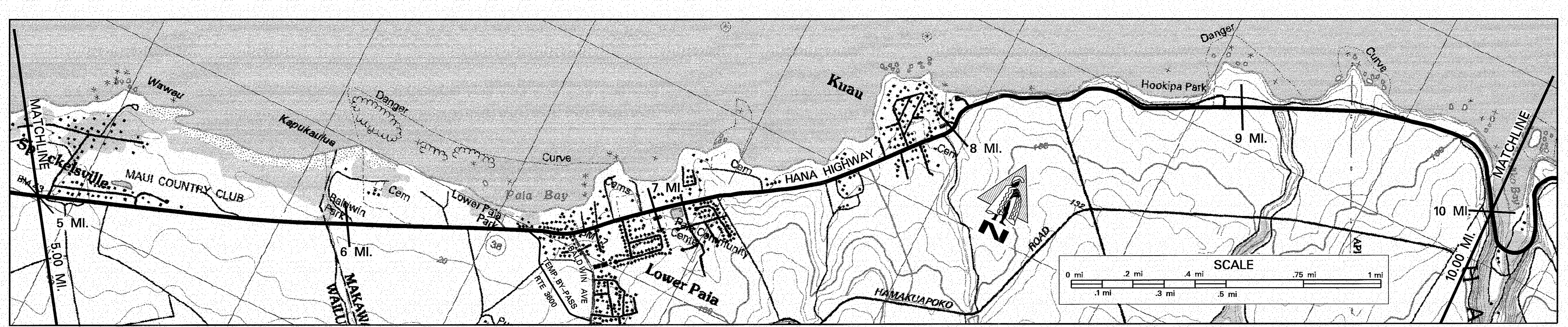
Total Route Length: 16.23 miles

a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

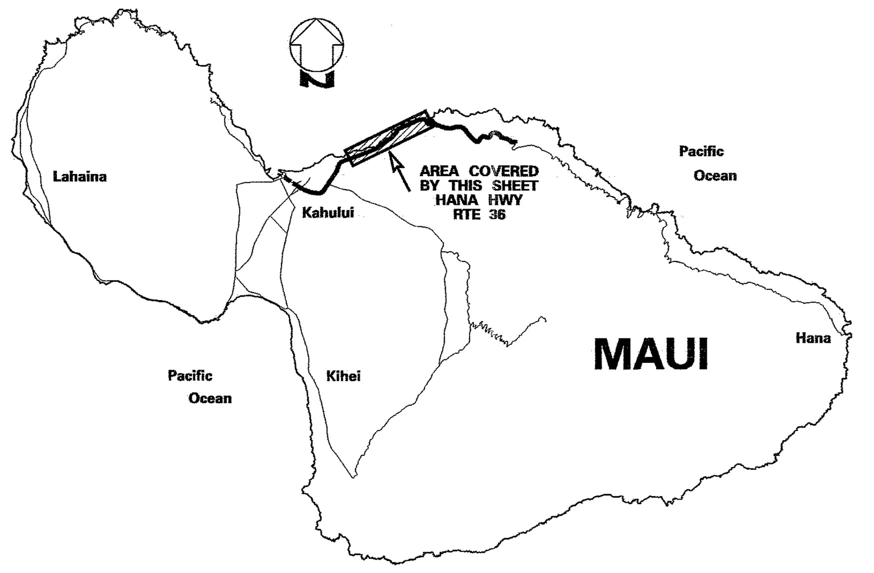
c. Other Length: * 0.00 miles

*



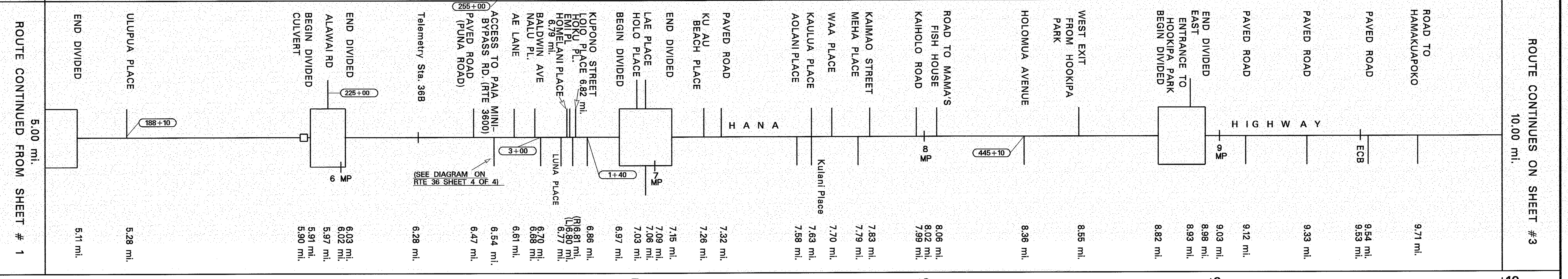
SCALE: (In Miles) 4" = 1 mile — 5 | 6 | 7 | 8 | 9 | 10

Item	Data
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	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — 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 (222+00) 5.92; (251+00) 6.46 36AB-02-04M (R) 2006 (10+28) 6.82; (10+04.82) 36AB-01-04M, RESURFACE, 2005 8.61 (122+35); 8.92 STP-036-1(8) RESURFACE
Project No., Type of Construction, and Year Constructed	36AB-01-04M, RESURFACE, 2005; (253+81.21) 6.53; 6.55 36AB-01-95M 1998 (R); 6.83 36AB-01-90M RESURFACE 1991; 1998



Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile — 5 | 6 | 7 | 8 | 9 | 10

Item	Data
Undivided — Shoulder: Width and Type	4' AC; 6.47 20' Grass 6.57; 6.62; 6.68 0' (24' AC); 6.82 6' AC 6.91; 6' GRASS 8.44; 4' AC 8.61; 6' GRASS 8.93; 6' AC
Undivided — Pavement: Width and Type	12' AC; 6'–8' AC; 24' AC; 12' AC; 24' AC; 22' AC; 31' AC; 22' AC 6.79; 34' AC; 24' AC; 11' AC; 22' AC 8.82; 12' AC; 24' AC
Undivided — Shoulder: Width and Type	0' 5.15; 4' AC; 0'; 4' AC; 6.55 0'; 4' GRS; 4' AC; 0'; 6' GRASS 7.90; 4' AC 8.06; 6' GRASS 8.44; 6' AC 8.61; 10' GRASS; 0; 5' – 6' AC
Divided — Median: Width and Type	12' PAINT AC 5.11; 5.91 10' PAINT AC 6.03; 6.86; 6.97 10' PAINT AC 7.15; 8.82 0' –10' PAINTED AC 8.98
Divided — Shoulder: Width and Type	0'; 0'; 0'; 0
Divided — Pavement: Width and Type	12' AC; 12' AC; 11' AC; 12' AC
Divided — Shoulder: Width and Type	6'–8' AC; 6'–15' AC; 6.62; 6.68; 6.79 (2–12'); 6' GRASS; 6' AC
Number of Traffic Lanes	2 – 12'; 6.55 2–11' 1–11' 1–20' 2–11' 2–17' 2–12'; 2 – 11' 8.82; 2 – 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(11' 2-WAY (L) TL) 6.56–6.62; 6.82 6.86 (1–11' (L) TL); (11' 2-WAY (L) TL) 6.70 .72 .79; 8.87–8.93
(Right Side)	1–14' (R) TL; 6.68 (1–12' (R) TL)
Frontage Road: No. of Lanes, and Width (Right and Left)	(TO PAIA MINI BY-PASS) 6.49 6.55
Sidewalk: Width and Type (Right and Left)	6.57 6' CONC. CURB 6.96
Curb and/or Gutter: Type (Right and Left)	CONC. CURB 7.00 7.02; 4' CONC. GUTTER
Protective Devices: Type, Location and Number	METAL ON METAL; METAL ON METAL 7.98 8.05 8.12 8.16; 8.33 8.36 WOOD ON WOOD; (METAL RAIL ON CONC. POST) 9.06 9.16 9.34 9.48 9.55 9.70 9.77 9.90
Illumination: Type, Location and Number	6.46 MV 6.98; METAL ON CONC.
Curves: Degree of Curvature (Right and Left)	(OPEN 4–6 PM, EXC. SAT, SUN, HOL.; NO TRUCKS OR BUSES); NONE
Shoulder Lanes	6.03 1–14' SHOULDER LANE 6.49
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	FLAT (1) 6.41; 6.78; 6.88 ROLLING (2) 9.05; 9.66 9.75 MOUNTAINOUS
Speed: 1–Design, 2–Posted	35 MPH (2) 5.39; 45 MPH (2); 6.32 35 MPH (2) 6.48; 20 MPH (2) 6.91; 30 MPH (2) 8.96; 45 MPH (2) 9.54; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	6.70 3 PHASE
Traffic Stations (Current Year)	B74 0036 00292; B74 0036 00643 8.29; 9.15 B74 0036 00893; B74 0036 00953
HPMS Sections – AADT 2007	17,375; 14,750; 11,720; 10,710
HPMS Sections – AADT 2006	17,200; 14,600; 11,600; 10,600
HPMS Sections – AADT 2005	17,025 6.43; 14,430 8.93; 11,469 9.53; 10,530
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL (6)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	36AB-01-90M RESURFACE 1991 (228+00) 6.01 36B-02-02, SHLDR. LN., 2005 (255+00) 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 6.57; 36AB-01-90M (RESURF) 1991 8.05; 36B-02-79 (IMPROV) 1979; JOB # 5213 7.88; 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 — 5 | 6 | 7 | 8 | 9 | 10

Date Released	
Oct. 2004, G.N.	
Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Jan. 10	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

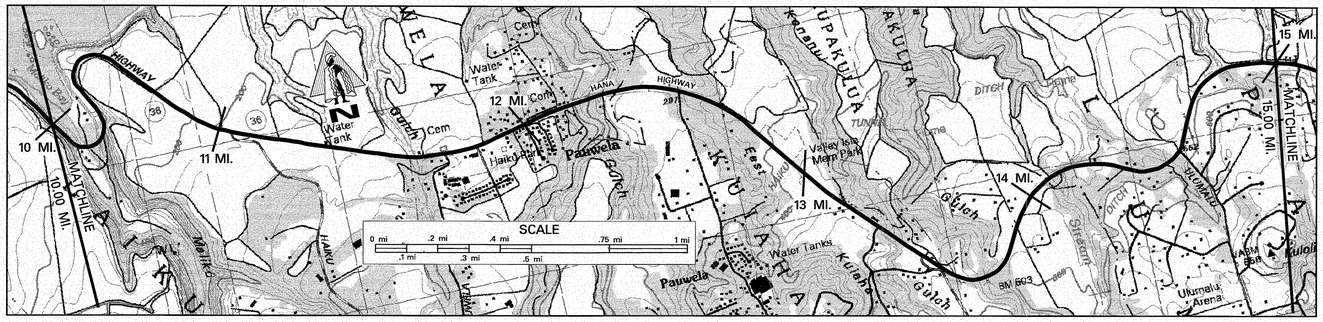
Total Route Length: 16.23 miles

a. Survey Length: 16.23 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

36B (4.32 MI) | 36C (5.21 MI)

End 36B, Begin 36C at the centerline intersection of Hana Hwy and Kakomo-Haiku Road

Structure Carrying Road

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

- 10.09: TEE BEAM, 1961, 205' HS20
- 12.94: PRESTRESSED CONCRETE GIRDER, HL-93, 2003, 225'

Vertical Clearance: 28' | 34'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

80' – 200' | 80' – 285' | 80' – 135'

Available Right of Way Width (Needs Study)

- 10.46–10.70: CUT SLOPES
- 10.70–11.00: CLR 1000' PINEAPPLE 20' FROM PAVEMENT
- 11.00–11.70: TREES AND BUSHES
- 11.70–12.18: RES. AREA
- 12.18–12.80: TREES
- 12.80–13.10: CLR 1000' PINE 15' FROM PVMT
- 13.02–13.70: CUT SLOPES WITH PASTURES AND FARMS

Right of Way Fence: Type – Right and Left

NONE | STATE

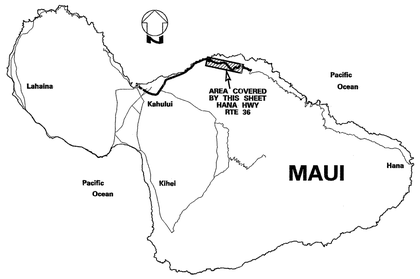
Control of Access: 1–None, 2–Partial, 3–Full

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

Project No., Type of Construction, and Year Constructed

STP – 036 – 1(8) RESURFACE 1998 | BR-036-1(15), 2003 BRIDGE REPLACEMENT | STP – 0900 (39), 1996 RESURFACE

Project No., Type of Construction, and Year Constructed



Road Diagram

* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 2 — 10.00 mi.

MALIKO BRIDGE ROAD (10.09) | ROAD (10.14) | ROAD (10.63) | HAIKU ROAD (11.02) | ROAD TO CEMETERY (11.64) | PAUWELA ROAD (11.70) | PUULOA ROAD (HALEAKALA HWY.) (11.77) | AKAHAI PLACE (11.81) | AHONUI PLACE (11.83) | KAHUAPO PLACE (11.89) | PUUKOA PLACE (11.98) | WAIKINA LOOP (12.02) | WAIKINA LOOP (12.14) | NAHELE ROAD (12.24) | W. KUIAIHA RD. (R) NAHELE RD. (L) (12.50) | VALLEY ISLE MEMORIAL PARK (12.93) | E. KUIAHA ROAD (R) DRIVEWAY (L) (13.02) | PEAHI RD. (R) HAHANA RD. (L) (13.28) | KAUPAKULUA BRIDGE (13.45) | HOHANI PLACE (13.65) | O'ILI ROAD (13.86) | ULUMALU ROAD (13.91) | (14.03) | (14.52)

HANA HIGHWAY — 10 MP | 11 MP | 12 MP | 13 MP | 14 MP

ROUTE CONTINUE ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

- 10.09–10.57: 24' AC
- 10.57–12.94: 6' AC
- 12.94–13.02: 5' – 6' AC
- 13.02–13.84: 4' – 6' AC
- 13.84–14.82: 10' AC
- 14.82–15.00: 4' – 6' AC

Pavement: Width and Type

- 10.57–12.94: 22' AC
- 13.84–14.82: 24' AC
- 14.82–15.00: 22' AC

Shoulder: Width and Type

- 12.94–13.02: 5' – 6' AC
- 13.02–13.84: 4' – 6' AC
- 13.84–14.82: 10' AC
- 14.82–15.00: 4' – 6' AC

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

- 10.09–10.57: 2 – 12'
- 10.57–13.02: 2 – 11'
- 13.02–13.84: 2 – 12'
- 13.84–15.00: 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)

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

- 10.09–10.21: (4" CONC. GUTTER)
- 10.21–10.48: 4" CONC. GUTTER
- 10.48–10.71: 3' CONC. GUTTER
- 11.22–11.56: 3' AC
- 12.12–12.23: (2' CONC. GUTTER)
- 12.23–12.41: 3' CONC. GUTTER
- 12.41–12.56: (2' CONC. GUTTER) (4' CONC. GUTTER)
- 12.56–13.02: 3' CONC. GUTTER
- 13.64–13.74: 6' CONC. SWALE

Protective Devices: Type, Location and Number

- 10.09–10.15: (CRM WALL)
- 10.21–10.48: (METAL RAILS ON CONC. POSTS)
- 11.56–11.63: WOOD RAILS ON WOOD POSTS
- 12.12–12.23: WOOD RAILS ON WOOD POSTS
- 12.48–12.56: WOOD RAILS ON WOOD POSTS
- 13.27–13.34: (METAL ON CONC.)
- 13.34–13.64: (WOOD/WOOD)
- 13.64–13.74: (WOOD/WOOD)
- 14.06–14.14: M/M
- 14.14–14.18: M/M
- 14.18–14.20: M/M
- 14.82–14.85: M/M

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 (12.73–12.95)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

- 10.09–10.75: RURAL (1)
- 12.03–13.84: SMALL URBAN (2)

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

- 10.75–12.03: MOUNTAINOUS
- 12.03–13.84: ROLLING

Speed: 1–Design, 2–Posted

- 10.75–10.81: 35 MPH (2)
- 10.89–11.65: 45 MPH (2)
- 11.65–12.12: 30 MPH (2)
- 12.12–13.84: 45 MPH (2)
- 13.84–15.00: NOT POSTED 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

- (B74 0036 00953)
- 10.77: B74 0036 01009
- 11.21: B74 0036 01102
- 11.76: B74 0036 01170
- 13.00: B74 0036 01214
- 13.63: B74 0036 01345
- 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

Census Tracts

Functional Classification

- 10.09–12.94: MINOR ARTERIAL ((6)
- 12.94–15.00: MINOR ARTERIAL (16)

National Highway System (NHS)

- 10.09–12.94: NOT ON NHS (0)
- 12.94–15.00: NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

- STP-036-1(7) 1997
- 36BC-01-82M 1982 RESURFACE
- 12.56–12.90: 0.34
- 36C-01-87M 1987 RESURFACE
- F-036-1(1) 1961 REVAMP
- F-036-1(1) 1959
- 10.46–2+58.86
- 180+79.87
- F – 32 (3) 1951, 1953
- 164+34.19 – 13.82 – 3+34.19
- F – 32 (2) 1957
- F – 32 (2) 1946

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Jan. 10	D.B.

ROAD INVENTORY

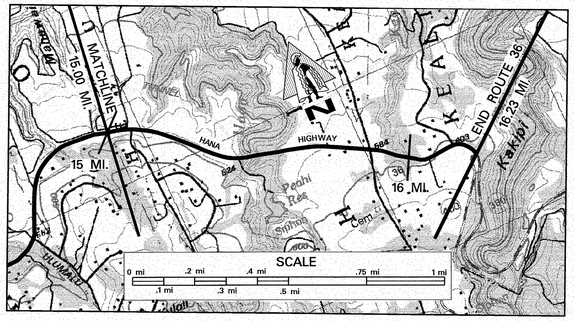
MAUI RTE 36
HANA HIGHWAY

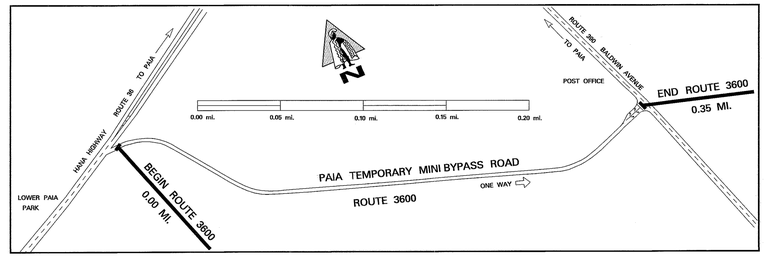
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

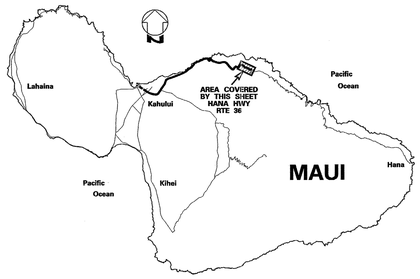
Total Route Length: 16.23 miles
a. Survey Length: 16.23 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*





SCALE: (In Miles) 4" = 1 mile

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	15.49 | 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 — BR-036-1(14), 2002 Bridge Replacement (15.36 | 15.61)	PRIVATE
Project No., Type of Construction, and Year Constructed		
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 — 15.00 mi.

HEAAULA PLACE MANAWAI PL. — 15 MP — 15.08 mi. 15.05 mi. 15.01 mi.
UAOA BRIDGE — 15.46 mi.
HOLOKAI ROAD — 15.86 mi.
HAUMANA ROAD — 16 MP — 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.

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

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
Pavement: Width and Type	22' AC | 15.36 | 24' AC | 15.61 | 22' AC	NOTE: PAVEMENT WIDTHS INCLUDE TURNING LANES FROM 0.33 MI. TO 0.35 MI. — 12' AC | 0.33 | 24' AC
Shoulder: Width and Type	4' – 6' AC	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' | 15.36 | 2 – 12' | 15.61 | 2 – 11'	1–12' | 0.33 | 2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE	
(Right Side)	NONE	0.33 | 7'
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) 15.36 15.61 15.86 15.98; (2' CONC. GUTTER) 15.36 15.61 15.86	
Protective Devices: Type, Location and Number	METAL ON METAL 15.97 15.99; METAL ON CONCRETE 16.15	
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) | 0.21 | 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 — 16.00; 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.
Jan. 10	D.B.

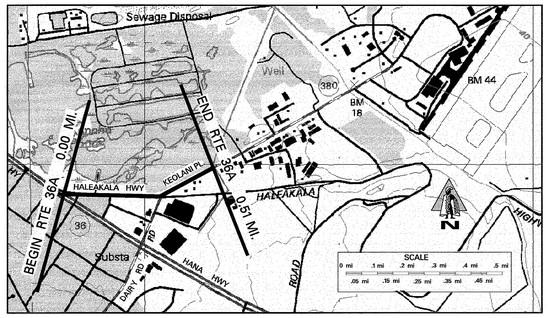
ROAD INVENTORY
MAUI RTE 36A
HALEAKALA HWY., KEOLANI PL.

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

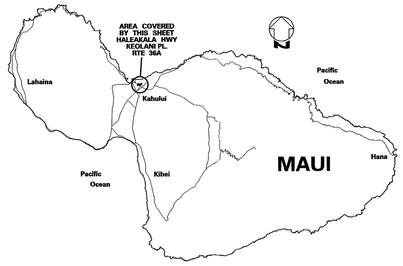
0.0 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description
Begin 36A–A on Haleakala Highway at the N.E. edge of pavement of Hana Hwy. → 36A – A (0.23) 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: 60' (0.32)
Available Right of Way Width (Needs Study): BUSHES | COMMERCIAL AREA
Right of Way Fence: Type – Right and Left
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): STATE (–)0+95 (0.05) (0.30) 12+00
Project No., Type of Construction, and Year Constructed: HWY–M–01–05M, RESURF., 2006
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.

RAMP (0.05 mi.) | KOLOA ST (4+45) (0.16 mi.) | HALEAKALA HWY | RAMP FROM HALEAKALA HWY | END DIVIDED (0.41 mi.)
HALEAKALA HIGHWAY
DAIRY ROAD (0.32 mi.) | KEOLANI PLACE (0.37 mi.)

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 (0.46) | 25' GRAVEL
- Pavement: Width and Type: 12' BP | 12' AC (0.24) | 24' AC | 12' AC | 10' AC (0.41) | 30' AC
- Shoulder: Width and Type: 0' | 6' AC (0.24) | 10 & 18' GRS | 0' | 10' GRASS

Median: Width and Type: VARIES GRASS W/CONC. CURB (0.06) | (0.08) 0' – 12' PAINTED AC

Shoulder: Width and Type: 0'
- Pavement: Width and Type: 12' BP (0.06) | 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): (0.18) (0.19) 1–10' (0.20) (0.32) (0.35)
(Right Side): (0.08) (0.18)
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 (0.06) (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 (0.33) 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
Jan 10	D.B

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

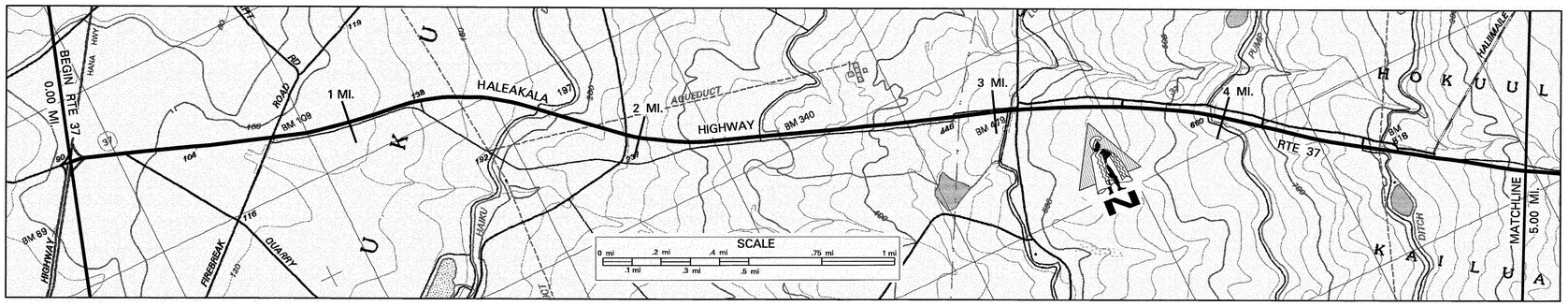
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

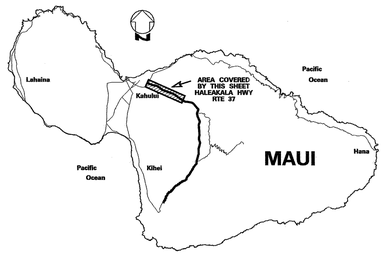
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

*





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.

RAMP TO HANA HWY | BLOCKED ROAD | QUARRY | NORTH FIRE BREAK & T.C. RD | ROAD | PAVED RD | CULVERT | ROAD | CULVERT | PAVED ROAD | ROAD | KEAHOA RD. LOWRIE BRIDGE | 600' ELEV. SIGN | EMERGENCY ESCAPE RAMP | ROAD | PAVED RD | ROAD | CONC BRIDGE | PAVED RD | HALIMAILE ROAD | ECB

HALEAKALA HIGHWAY

36+38 | 171+26

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

RAMP FROM HANA HWY 0.00 mi. | 0.04 mi. | 0.08 mi. | 0.14 mi. | 0.19 mi. | 0.70 mi. | 0.86 mi. | 0.91 mi. | 0.96 mi. | 1.01 mi. | 1.23 mi. | 1.64 mi. | 1.89 mi. | 1.96 mi. | 1.98 mi. | 2.42 mi. | 2.49 mi. | 2.99 mi. | 3.08 mi. | 3.27 mi. | 3.30 mi. | 3.37 mi. | 3.64 mi. | 3.83 mi. | 4.07 mi. | 4.14 mi. | 4.50 mi. | 4.58 mi. | 4.61 mi. | 4.75 mi. | 4.97 mi.

CONTINUES ON SHEET #2
5.00 mi.

		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

0 | 1 | 2 | 3 | 4 | 5

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

CONCRETE CULVERT 35′ 1973 HS–20

48′

50′ 0.74 | 60′ 3.05 | 120′ – 140′ 4.76 | 140′ – 200′

CLEAR 1000′ – SUGAR CANE 30′ FROM EDGE OF PAVEMENT

N O N E

S T A T E

0+95 | 47+00

0.08 HWY-M-01-06M, RESURFACING, 2007 0.80 | NH–037–1(24), WIDENING, 2010 | 37D–01–90 (TRUCK CLIMBING LANE) 1991 4.76 | 37C–02–90, 1993 NEW ALIGN.

		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
		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 (M/C = metal rails on concrete post)
		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:
		Terrain: 1–Flat, 2–Rolling, 3–Mountainous
		Speed: 1–Design, 2–Posted
		Intersection Control Devices: Type, Location and Cycle Timing
		Traffic Stations (Current Year)
		HPMS Sections – AADT 2007
		HPMS Sections – AADT 2006
		HPMS Sections – AADT 2005
		DOD Sections
		Census Tracts
		Functional Classification
		National Highway System (NHS)
		Previous Projects: Project No., Date and Limits

0 | 1 | 2 | 3 | 4 | 5

6′ AC – 4′ GRASS

12′ AC 0.05 | 24′ AC

0′ 0.14 | 4′ AC

4′–22′ PAINTED AC | 16′–28′ GRASS 0.70 | 16′ GRASS FLUSH 0.86 | (0–16′ PAINTED AC) 0.91 | 12′ –24′ GRASS

0′ | 4′ AC | 8′ AC

12′ AC | 24′ AC | 24′ PCC

0.05 | 6′ AC

2–12′ | 4–12′

1–12′ AC 0.08 | 0.18 | 0.28 (1–12′ (L) TL) | 0.31 | 0.70 | 12′ 0.89 | 0.90 | 0.96 | 1.03 | 1.15 | 1.29 | 1.31 | 1.57 | 1.84 | 1.87 | 1.95 | 2.03 | 2.34 | 2.42 | 3.00 | 3.08 | 3.16 | 3.78 | 3.93 | 4.09 | 4.14 | 4.23 | 4.31 | 4.75 | 4.81

1.65 M/C M/C | 1.73 M/C M/C | 1.78 | 2.42 M/C M/C | 2.49 | 2.62 | 2.65 | 3.20 M/C M/C | 3.24 | 3.30 | 4.62 M/C M/C | 4.58 | 4.62

0.27 | 0.32 | 1.60 –2 1.90 | 2.32 –2 3.20 | 4.12 –4 4.24

TRAFFIC FLOW → ← (coning begins here) (CONTRA FLOW, MORN., 5:30 – 8:30 AM) TRAFFIC FLOW (CONTRA FLOW, EVES, 3:30 – 6:00 PM)

SMALL URBAN (2)

F L A T

0.18 35 MPH (1) | 0.64 55 MPH (1) | 0.91 45 MPH (1) | 2.67 55 MPH (1) | 45 MPH (1) 4.58 | 45 MPH (1)

0.14 45 MPH (1) | 55 MPH (1) | 2.07 45 MPH (1) | 2.36 55 MPH (1)

0.70 3 PHASE 1.01

(B74 0037 00000) 0.12 0.19

B74 0037 00019 | B74 0037 00476

30,919 0.83 | 30,300 | 27,375

33,000 | 30,000 | 27,100

32,713 0.19 | 29,691 | 26,827 4.76

DOD 710

PRINCIPAL ARTERIAL (14)

ON NHS (1)

0.04 NH-037-1(22), 2004, HALEAKALA HWY WIDENING 0.91

36A-01-82 1983 (INTER IMPROV) 0.05 | 37D-01-90 (TRUCK CLIMBING LANE) 1991 4.76

0.10 37CD-01-80M 1980 (RESURFACE) 0.65

FAP E-5E 1933 0.65

0.08 FAP E-5E 1932 0.70 | F-037-1(7) 1972 4.94

Date Released
Oct 2004 GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.
May, 10	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

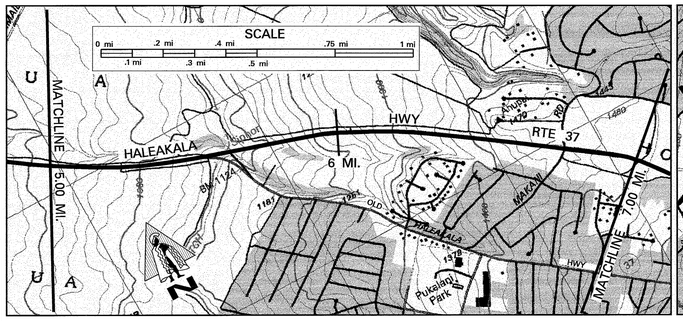
Total Route Length: 21.39 miles

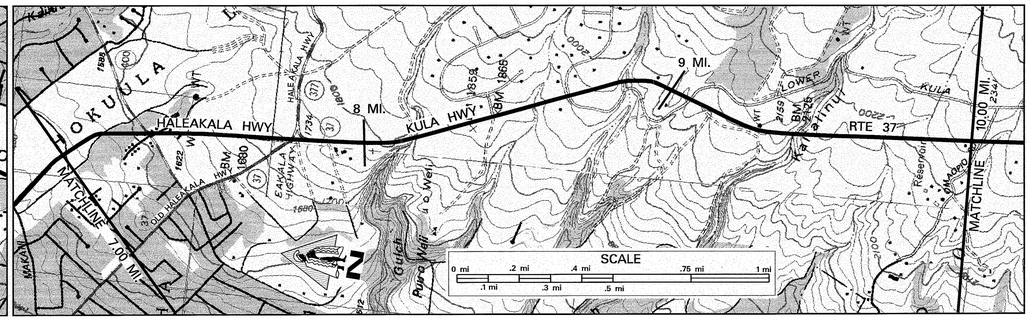
a. Survey Length: 21.39 miles

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
- Vertical Clearance
- Horizontal Clearance

Structure Over Hwy

- Vertical Clearance
- Horizontal Clearance

CULVERT (2–10')
1964 HS–20
40'
8.17

PRESTRESSED BEAM
1964 HS–20
324'
9.40

24'
28'

Right of Way Width (min.–max.) if varies: 140' – 200' (7.91) 90' – 270'

Available Right of Way Width (Needs Study): 8.10 PASTURE AND RANCH LANDS 8.88 8.98 9.27 9.38 9.74 9.86

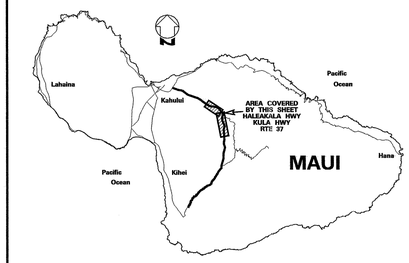
Right of Way Fence: Type – Right and Left: ALL WIRE ON WOOD 8.88 8.98 9.02 9.07 9.41

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: NH–037–1(24), 2010, WIDENING 5.56 (292+30) (HWY–M–01–06M, RESURF., 2007) 5.74 (40+70) (52+70) (STP–037–1(23), INTERSECTION IMPR., 2007) 6.50 (92+00) (116+50) 6.98 (HWY–M–01–06M, RESURF., 2007) 7.76 (159+80) (326+00) 8.08 37CD–01–02M, REPAIR & MAINT., 2004

Project No., Type of Construction, and Year Constructed: 37C–02–90, 1993, NEW ALIGNMENT 5.32 (40+70) 5.74 (52+70) 37C–01–92 1993 NEW ALIGNMENT (PHASE II) 7.91 STP–037–1(18) RESURFACE 1994 8.04 STP–037–1(21) RESURFACE 1999



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 1

5.00 mi. 5 MP

ROAD
END DIVIDED
OFF RAMP TO OLD HWY
ON RAMP FROM OLD HWY & BEGIN DIVIDED
47+20
END DIVIDED
PAVED ROAD & T.C.
6 MP
HALEAKALA HIGHWAY
BEGIN DIVIDED
ROAD
MAKANI ROAD
194+40
END DIVIDED
BEGIN DIVIDED PAVED ROAD & TRACTOR XING
ECB
7 MP
MAKAWAO AVE (RTE 365)
Road to WATER TANK
END DIVIDED
BEGIN DIVIDED
T. C. ROAD
HALEAKALA HWY (RTE 377)
Kula Jct.
OLD HALEAKALA HWY
KING KEKAULIKE HIGH SCHOOL
KULA HIGHWAY
331+40
ECB
HAAKAKAI BRIDGE
A'APUEO PKWY
8 MP
END DIVIDED
OHANA STREET
HOOPALUA DRIVE
NOHOLOA STREET
OLD LOWER KULA ROAD
ECB
PAVED ROAD
KALIALINUI BRIDGE
PAVED ROAD
DRIVEWAYS

5.04 mi. 5.41 mi. 5.22 mi. 5.41 mi. 5.41 mi. 5.48 mi. 5.50 mi. 5.56 mi. 5.64 mi. 5.85 mi. 6.07 mi. 6.04 mi. 6.50 mi. 6.54 mi. 6.73 mi. 6.86 mi. 6.92 mi. 6.95 mi. 6.99 mi. 7.08 mi. 7.23 mi. 7.43 mi. 7.47 mi. 7.59 mi. 7.61 mi. 7.80 mi. 7.76 mi. 7.89 mi. 8.00 mi. 8.11 mi. 8.17 mi. 8.18 mi. 8.27 mi. 8.37 mi. 8.41 mi. 8.67 mi. 8.93 mi. 9.06 mi. 9.17 mi. 9.28 mi. 9.40 mi. 9.56 mi. 9.86 mi.

CONTINUES ON SHEET #3

10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

	5	6	7	8	9	10
Shoulder: Width and Type	10' AC	10' AC	10' AC	10' AC	10' AC (7.76)	6' AC
Pavement: Width and Type	24' AC	48' AC	12' AC	36' AC	12' AC	12' AC	24' AC
Shoulder: Width and Type	4' AC	0'	6'–10' AC	0'	10' AC	0'	10' AC	0'	6' AC

Divided Highway

	5	6	7	8	9
Median: Width and Type	12'–24' GRASS (5.18)	24'–0' PAINT AC (5.41 – 5.64)	8' PAINT AC (5.85)	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	8' AC	0'	0'	0'	0'	0'
Pavement: Width and Type	24' PCC (5.21)	24' AC	24' AC	24' AC	24' AC	12' AC
Shoulder: Width and Type	6' AC (5.18)	6'–10' AC	10' AC	10' AC	10' AC	10' AC (7.76)	6' AC

Number of Traffic Lanes: 4–12' | 1 – 12' (1-12' AND 1-12' TRUCK CLIMBING LANE) | 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) ALL GUTTERS 2' AC

Protective Devices: Type, Location and Number: 5.86 5.88 5.89 M/M | 7.22 7.42 7.44 M/M | 7.71 7.78 7.89 7.95 8.20 8.42 8.47 8.50 8.54 8.55 8.65 8.85 8.88 9.05 9.11 9.21 9.32 9.96 M/C, M/M

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 8.15 –4 8.33 8.59 –3 8.79 9.02 –5 9.15 9.46 –3 8.53

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) | R O L L I N G (5.23)

Speed: 1–Design, 2–Posted: 45 MPH (2) (8.73) | 35 MPH (2) (7.47) | 35 MPH (1) (7.78) | 45 MPH (2) (8.27)

Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE (7.78) | 3 PHASE (8.04)

Traffic Stations (Current Year): B74 0037 00476 5.41 | B74 0037 00564 6.86 (7.23) | 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 DOD 705 7.15 7.53 7.78 DOD 700 9.40

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 5.66
37C–02–90 1993 (NEW ALIGNMENT) 6.65
37C–01–92 1993 NEW ALIGNMENT (PHASE II) 6.70 | 6.73 | 6.85 (37C–01–97, 1998) 7.91
37C–01–81M 1981 (RESURFACE) 7.54
(37C–01–91 1992 RIGHT TURN LANE) 6.43 | 6.54
WDRC 14(1) 1948
37C–02–82 INTER. IMPROV, 2.80 9.04
37CD–01–80M 1980 RESURFACE 7.57 9.05
FAP 5B 1929 7.43 | 7.60 (RF–037–1(14) 1970) 7.15
37CD–01–02M, REPAIR & MAINT., 2004
STP–037–1(19) 1996 (6" SHLDR & GUARD RAILS)
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.
Jan., 10	D.B.

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY. & KULA HWY.

STATE OF HAWAII
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PREPARED BY THE
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FEDERAL HIGHWAY ADMINISTRATION

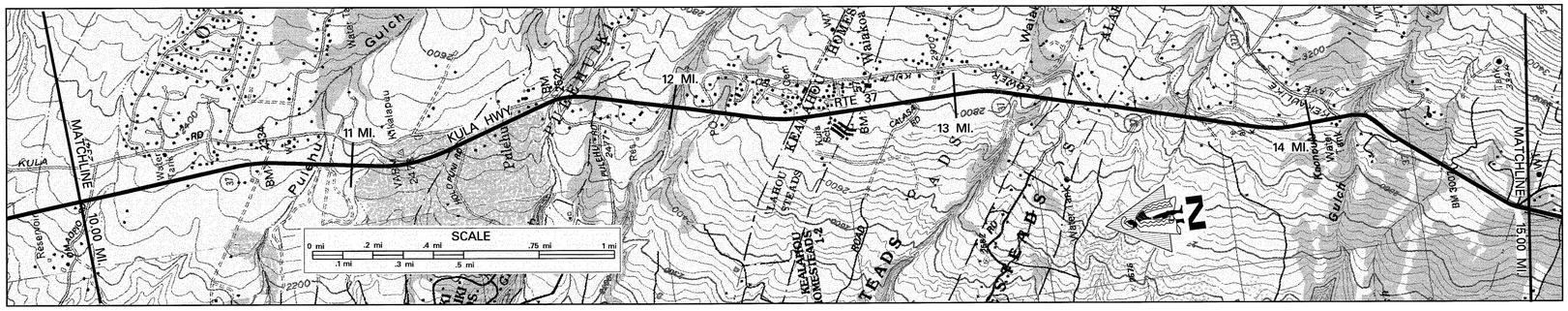
Total Route Length: 21.39 miles

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' | RC DECK GIRDER, 1933, H-15, 75'

Vertical Clearance

Horizontal Clearance: 28' | 24'

Structure and Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: 90' – 270' | 60'

Available Right of Way Width (Needs Study)

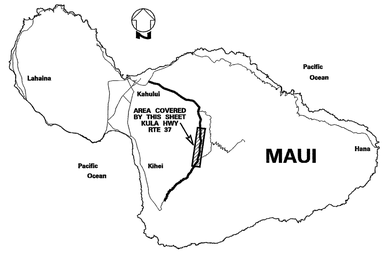
Right of Way Fence: Type – Right and Left (All fences: Wire on Wood (unless indicated)): PASTURE AND RANCH LANDS | RESIDENTIAL

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

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

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 | STP–037–1(18) WIDEN & RESURFACE 1994



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi. OMAOPIO ROAD
10.03 mi. KEONI PLACE (R) DRIVEWAY (L)
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.
10.85 mi. KULA HIGHWAY
11.31 mi. HOLOPUNI ROAD ECB
11.29 mi.
11.28 mi.
11.45 mi. KE STREET
11.65 mi. LOWER KULA ROAD
11.78 mi. KAMEHAMEIKI ROAD
12.02 mi. KEAHUAIWI BRIDGE
12.17 mi. LOWER KULA ROAD
12.23 mi. POST OFFICE ROAD
12.29 mi.
12.58 mi. KULA ELEM. SCHOOL
12.68 mi. KULA ELEM. SCHOOL
12.85 mi. CALASA ROAD
12.95 mi. COPP ROAD
13.30 mi. NAALAE ROAD
13.39 mi.
13.76 mi. CULVERT
13.88 mi. CULVERT
13.99 mi. CULVERT
14.10 mi. LOWER KULA ROAD
14.25 mi. KEKAULIKE AVE (Route 377)
14.30 mi. KAPOPOI BRIDGE
14.33 mi. MAUDS PLACE
14.37 mi.
14.65 mi. CULVERT
14.97 mi. POLIPOLI ROAD

CONTINUES ON SHEET #4 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

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

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

Shoulder: Width and Type: 12' AC | 0 | 6' AC | 2' – 6' AC

Divided Highway

Median: Width and Type: 12' PAINT

Shoulder: Width and Type: 0

Pavement: Width and Type: 12' AC

Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2 – 12' | 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 GUTTERS 2' AC): CONC. GUTTER

Protective Devices: Type, Location and Number (METAL ON METAL / METAL ON CONCRETE): M/C | M/C

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0 | –2 | –5 | –5 | –5 | –4 | –3 | +4 | –1

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: RURAL (1) | ROLLING

Speed: 1–Design, 2–Posted: 45 MPH (2) | 20 MPH (2) | 45 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): (B74 0037 00940) | B74 0037 01003 | B74 0037 01268 | B74 0037 01425 | (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

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 | 37D–01–75 1978 WIDEN & RESURFACE

37C–01–88M 1988 RESURFACE

BF–037–1(1) 1962 | FAP 13A 1932

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.
Dec., 10 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

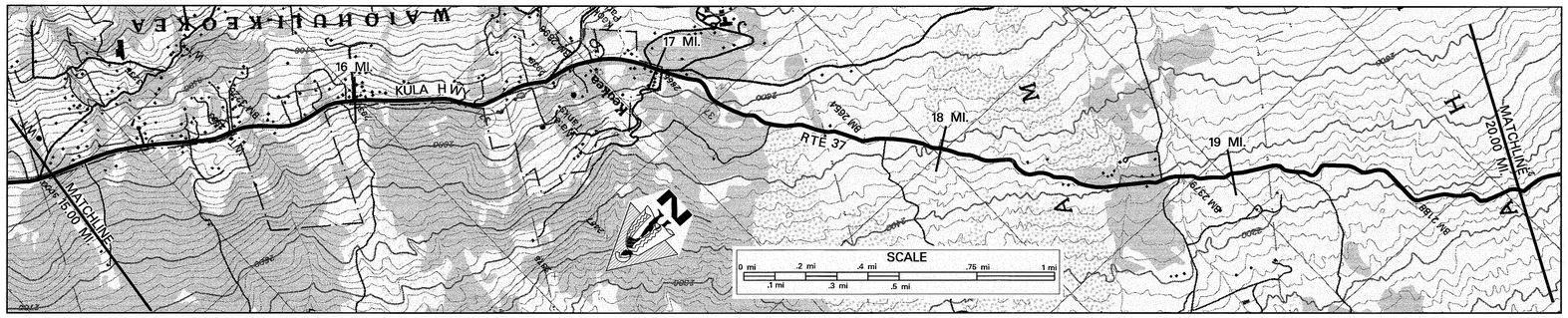
Total Route Length: 21.39 miles

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

37D (2.77 MI)

End 37D on Kula Hwy. at the centerline intersection w/ Kula Sanitorium Road

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 | BRUSH AND PASTURE LAND

Right of Way Fence: Type – Right and Left — All fences: Wire on Wood unless indicated

STONEWALL | WIRE / WOOD AND STONEWALL

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

STATE

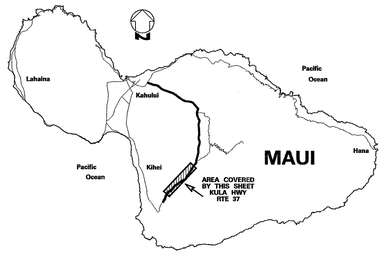
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

Project No., Type of Construction, and Year Constructed

37CD–01–02M, REPAIR AND MAINTENANCE, 2004

Project No., Type of Construction, and Year Constructed

STP–037–1(18) WIDEN & RESURFACE 1994 | 37E–01–93M WIDEN & RESURFACE 1994



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #3

15.00 mi.

PUEO DRIVE CULVERT — 15.06 mi.
WAIOHULI "A" BR. — 15.10 mi.
LAUHE PL. — 15.28 mi.
LEPELEPE PLACE — 15.30 mi.
WAIOHULI "B" BR. — 15.37 mi.
MALIA ULI PL. CULVERT — 15.42 mi.
MALAMAHALE PL. — 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.
HIGHWAY
CULVERT — 16.67 mi.
KEALAKAPU ROAD (DOCTOR SUN YAT SEN MEMORIAL PARK) — 16.84 mi.
17.03 mi.
17.29 mi.
18.29 mi.
18.66 mi.
18.82 mi.
19.31 mi.

MP 15 | MP 16 | MP 17 | MP 18 | MP 19

CONTINUES ON SHEET # 5

20.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B74 0037 01497 | B74 0037 01703

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 | FAP E-13A 1932 | COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.
Jan., 10 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

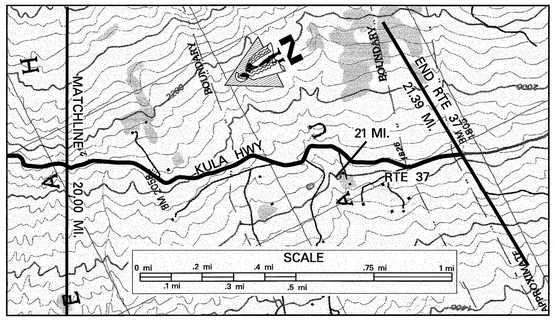
Total Route Length: 21.39 miles

a. Survey Length: 21.39 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

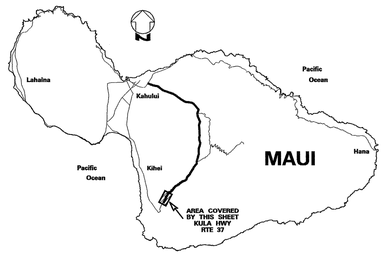
*



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		
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance		
Structure Over Road — Vertical Clearance		
Structure Over Road — 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 / WIRE ON WOOD (20.86)	
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	

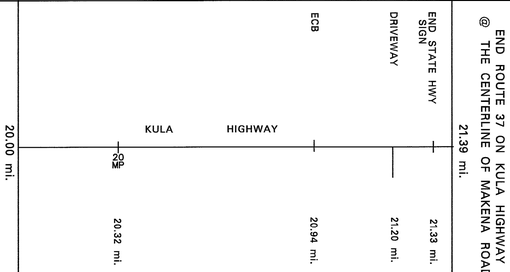


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #4



SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Divided Highway — Undivided — Shoulder: Width and Type	2' AC	
Divided Highway — Undivided — Pavement: Width and Type	18' AC	
Divided Highway — Undivided — Shoulder: Width and Type	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 – 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	

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
April, 09	D.B.
Jan., 10	D.B.

ROAD INVENTORY

MAUI RTE 310
NORTH KIHEI ROAD

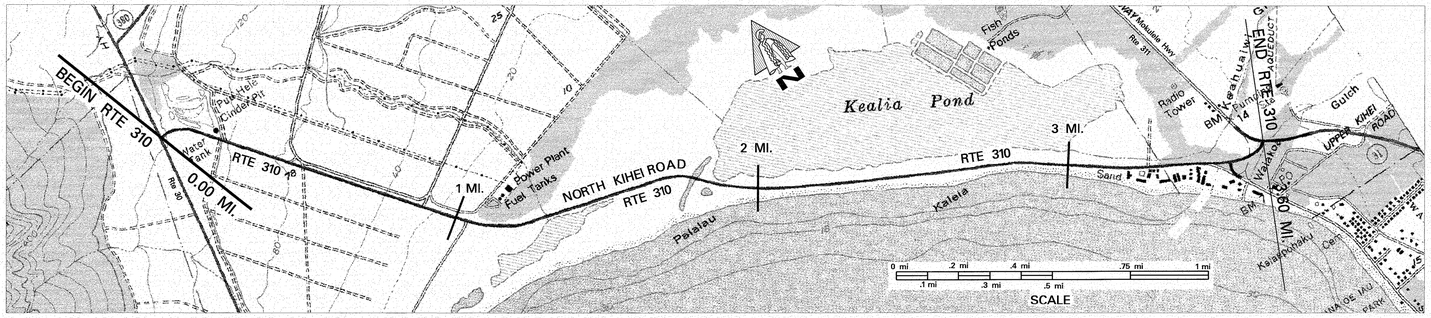
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total 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

0.09 0.18

Right of Way Width (min.–max.) if varies: 200' | 130' | 60' | 0.87 | 40' | 3.37 | 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 | Resort Area

Right of Way Fence: Type – Right and Left: 1.38 Wire 1.54 | 1.82 Wire 2.04 | 2.69 Wire

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STP-0310(4), PREVENTIVE MAINTENANCE, 2009

Project No., Type of Construction, and Year Constructed: 501+05 | 3.37 | 515+95 | NH-A311(4) WIDEN, 2008 | 3.60

Project No., Type of Construction, and Year Constructed: 0.15 [BR-NH-030-1(24) New Alignment, 2002] | 310A-01-00M, (R) 2001 | 498+64 | 3.37 | STP-031-1(8), (R) 1996 | 3.54 | STP-0900(58),G.R. & SHLDR. IMP., 2004 | 513+20

Road Diagram
* MP = Milepost Signage

Begin Rte 310 on North Kihei Road at the East edge of pavement of Honoapiilani Highway (Rte 30). 0.00 mi.

End Divided Hwy Park & Ride Access — 0.08 mi. / 0.10 mi.

Paved Road — 0.17 mi.

Cane Haul Road — 0.46 mi.

Emergency Call Box — 0.76 mi.

Cane Haul Road — 0.87 mi.

Road to Maui Electric Co. — 1.03 mi. / 1.04 mi.

Culvert — 1.75 mi.

2.04 mi.

Indicates Grass & / or Physical Barrier on Median.

Begin Divided — 3.06 mi. / 3.08 mi.

Mokulele Hwy South Kihei Road — 3.45 mi.

End Rte 310 on North Kihei Rd. at the Southwest edge of pavement (Near Side) of Mokulele Highway (Rte 31) and Piilani Hwy (Rte 31) 3.60 mi.

North Kihei Road: 1MP | 2MP | 3MP

508+27.45

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- Shoulder: Width and Type
- Pavement: Width and Type — Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10
- Shoulder: Width and Type

(42' AC) — 10' AC | 0.15 | 6' AC | 3.31 | 6' AC
36' AC | 24' AC | 22' AC | 3.34 | 24' AC
0.08 | 0 | 16' AC | 6' AC | 0' | 3.60

Divided Highway

- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type — Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10
- Shoulder: Width and Type

0'–10' Painted AC | 0.10 | 0 | 3.08 | 0'–12' Painted AC | 3.45 | 12'–24' Painted AC | 3.60
0.00 | 0' | 0'
(16' AC) — 24' AC — (12' AC) | 12' AC | 3.46 | 24' AC | 12' AC
10' AC | 0.08 | 0.18 | 10' AC | 3.34 | 6' AC | 3.53

Number of Traffic Lanes: (3-14') (1-16') 3-12' 1-12' — (2-12') | 2–11' | 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 | 3.86 | All 12' Turning Lanes

(Right Side): 1-12' (R) TL | 0.20 | 0.35 | Two-Way (L) Turning Lanes | 3.52 | All 12' Turning Lanes | 3.85 | 3.34 | 3.46 | 3.53 | 2-12' TL | 1-12' TL

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: 3.15 | 4 M.V. | 3.41 | 9 HPS

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –3 | 0.93 | 1.29 | 0 | 1.64 | 2.00 | –1 | 2.25 | 2.38 | 0 | 2.78

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 | 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 | 3.25 B74 0310 00310

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: 0.11 | 310A-01-00M, (R) 2001 | 3.01

[310A-01-91M (R) 1992] — 0.05 | 2.95 | STP-031-1(8), (R) 1996 | 3.28

310A-01-91M (R), 1992 | 2.95 | STP-031-1(8), (R) 1996

HWY-M-02-76M (R) 1976 | 3.32 | [TQF-RF-031-1(6), 1981 (New Construction)]

WDRC 14(1) 1948 | 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.
Jan., 10	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

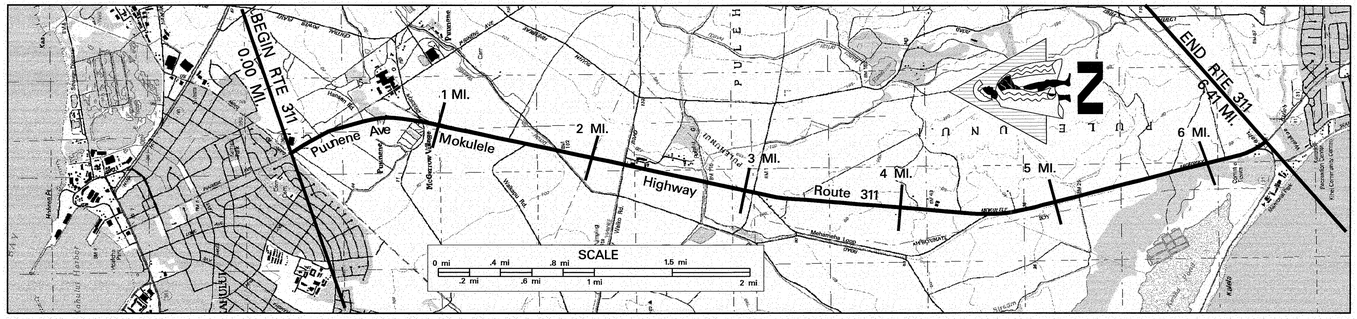
Total Route Length: 6.41 miles

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

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)

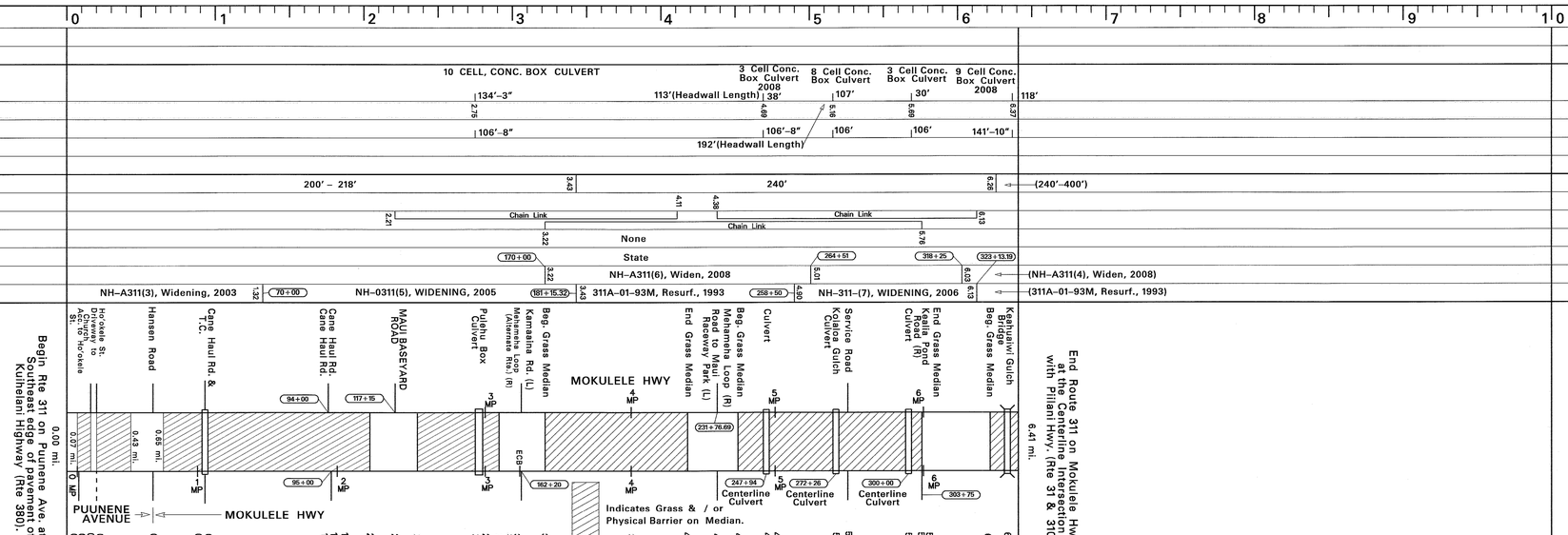
Right of Way Fence: Type – Right and Left

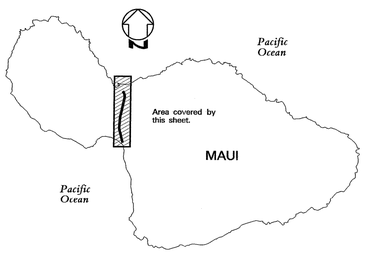
Control of Access: 1–None, 2–Partial, 3–Full

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

Project No., Type of Construction, and Year Constructed

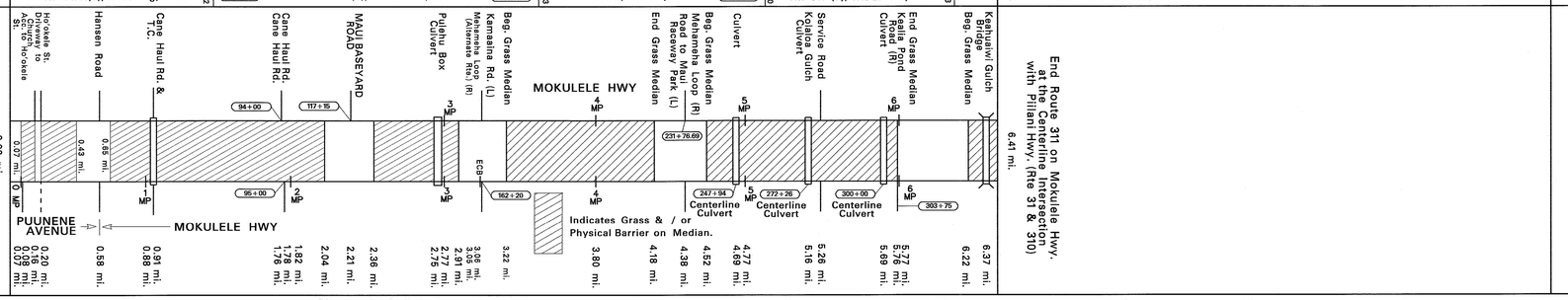
Project No., Type of Construction, and Year Constructed





Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

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) (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)

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:

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

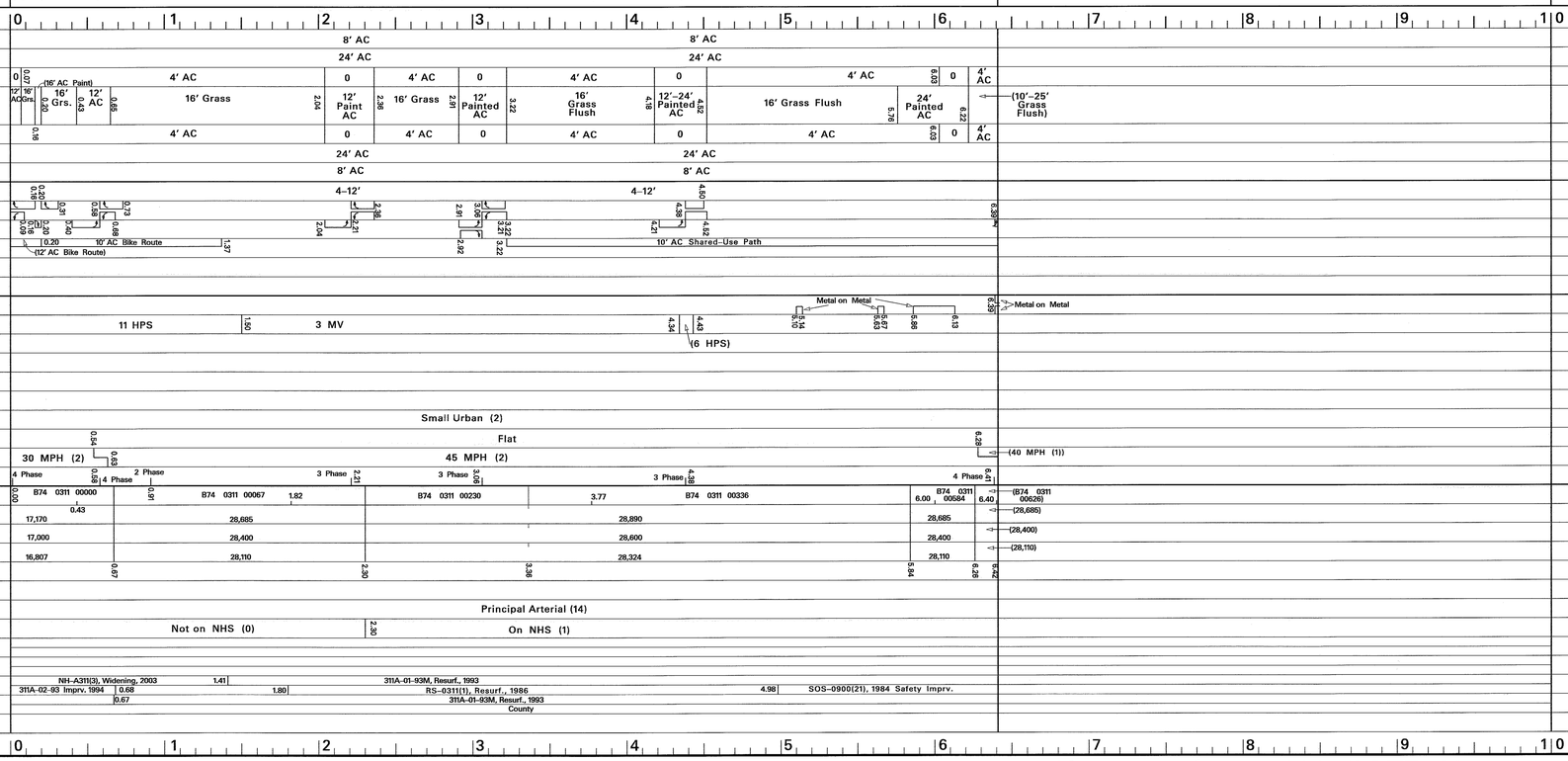
DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits



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.
Jan., 10	D.B.

ROAD INVENTORY
MAUI RTE 340
KAHEKILI HIGHWAY

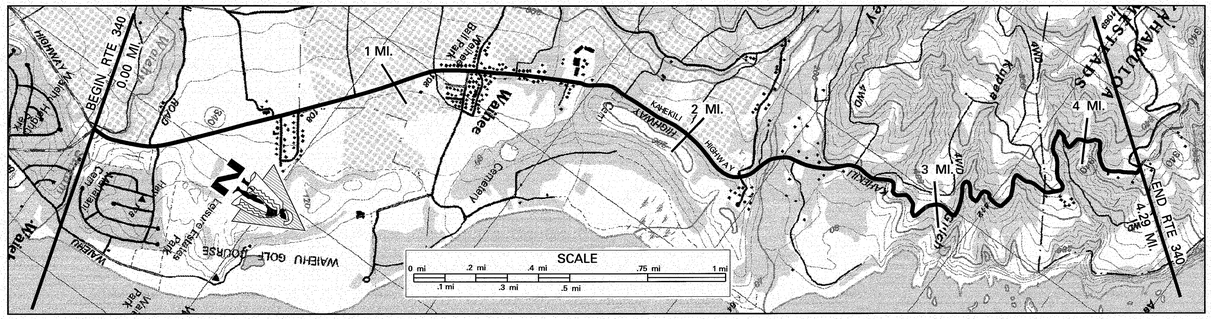
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

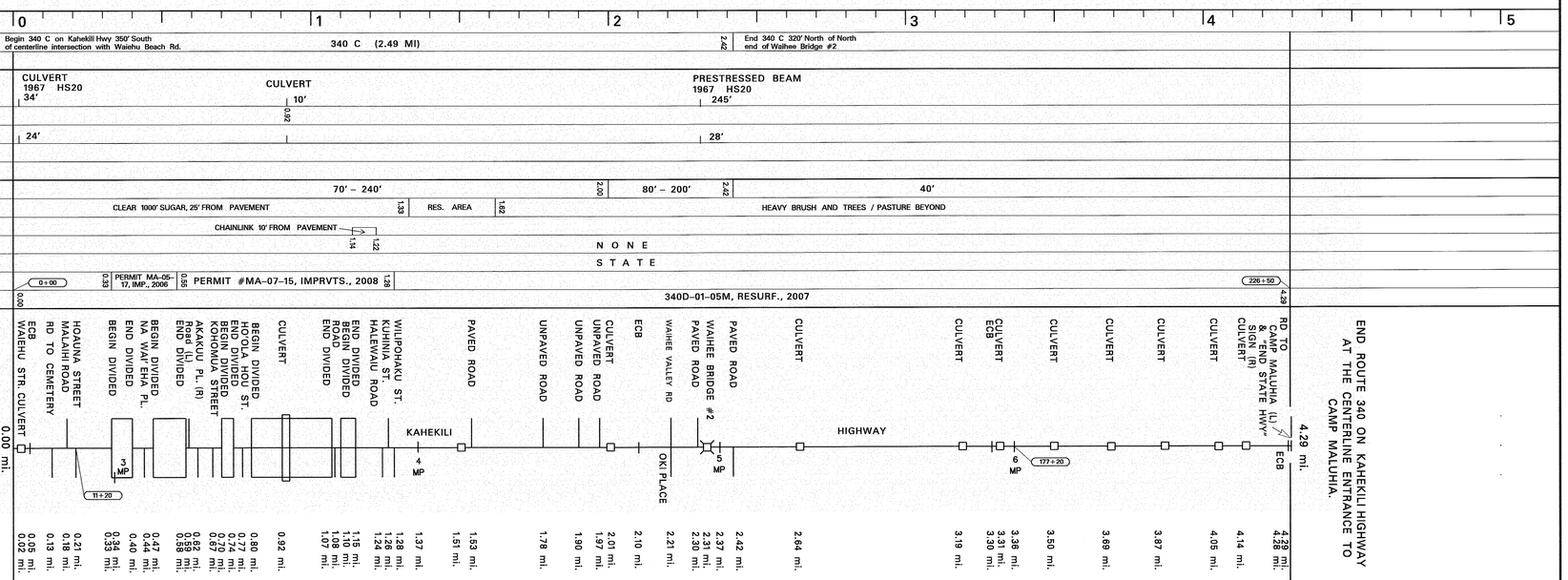
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

*



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' | CULVERT 10' 0.92 | PRESTRESSED BEAM 1967 HS20 245'

Vertical Clearance
24' | 28'

Structure Over Road

Horizontal Clearance

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
70' – 240' | 2.00 | 80' – 200' | 2.42 | 40'

Available Right of Way Width (Needs Study)
CLEAR 1000' SUGAR, 25' FROM PAVEMENT | 1.33 | RES. AREA | 1.62 | HEAVY BRUSH AND TREES / PASTURE BEYOND

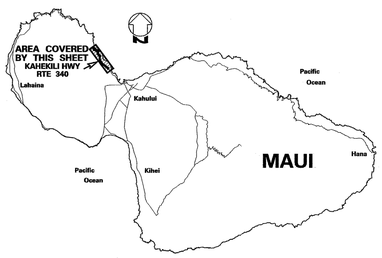
Right of Way Fence: Type – Right and Left
CHAINLINK 10' FROM PAVEMENT | 1.14 | 1.22

Control of Access: 1–None, 2–Partial, 3–Full
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
0+00 | 0.00 | 0.33 | PERMIT MA-05-17, IMP., 2006 | 0.55 | PERMIT #MA-07-15, IMPRVTS., 2008 | 1.28 | 226+50 | 4.29

Project No., Type of Construction, and Year Constructed
340D-01-05M, RESURF., 2007



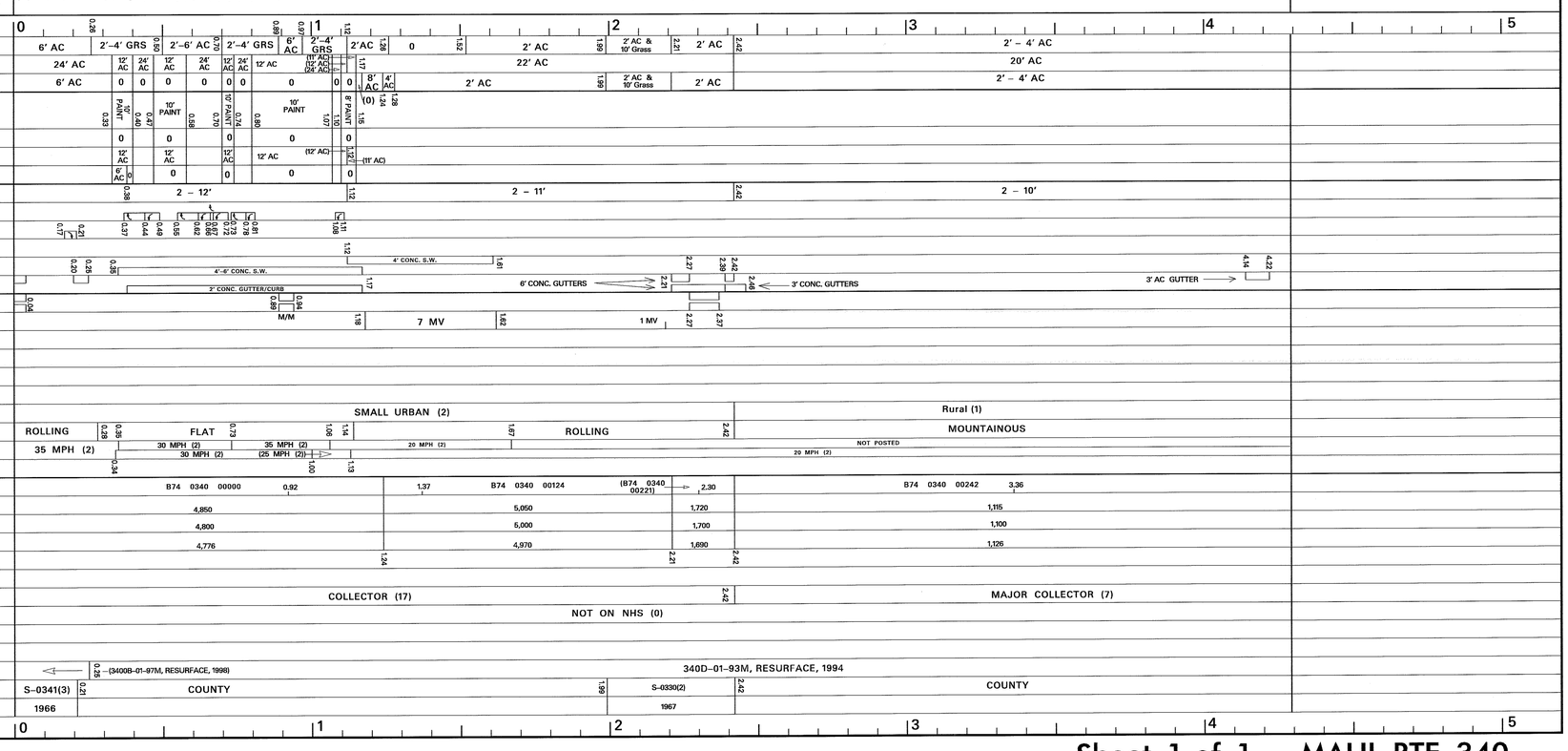
Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 340 0.00 mi.
AT THE CENTERLINE JUNCTION WITH WAIEHU BEACH ROAD AT WAILUKU URBAN BOUNDARY (SAME LOCATION AS END ROUTE 340D)

EOB WAIEHU STR. CULVERT 0.01 mi. | RD TO CEMETERY 0.02 mi. | MALAIHI ROAD 0.05 mi. | HOAUNA STREET 0.13 mi. | BEGIN DIVIDED 0.18 mi. | END DIVIDED 0.21 mi. | BEGIN DIVIDED 0.33 mi. | NA WAI EHA PL. 0.34 mi. | END DIVIDED 0.40 mi. | BEGIN DIVIDED 0.44 mi. | Akakuu Pl. (L) 0.47 mi. | END DIVIDED 0.58 mi. | BEGIN DIVIDED 0.59 mi. | KOHOMUA STREET 0.62 mi. | END DIVIDED 0.67 mi. | BEGIN DIVIDED 0.74 mi. | HO'OLA HOU ST. 0.77 mi. | END DIVIDED 0.80 mi. | CULVERT 0.92 mi. | BEGIN DIVIDED ROAD 1.07 mi. | END DIVIDED 1.08 mi. | KUHINIA ST. 1.10 mi. | HALEWAIU ROAD 1.15 mi. | CULVERT 1.24 mi. | UNPAVED ROAD 1.26 mi. | PAVED ROAD 1.28 mi. | KAHEKILI 3 MP 11+20 1.37 mi. | UNPAVED ROAD 1.51 mi. | CULVERT 1.53 mi. | UNPAVED ROAD 1.78 mi. | CULVERT 1.90 mi. | ECB 1.97 mi. | WAIHEE VALLEY RD 2.01 mi. | PAVED ROAD 2.10 mi. | WAIHEE BRIDGE #2 5 MP 2.21 mi. | PAVED ROAD 2.30 mi. | OKI PLACE 2.31 mi. | CULVERT 2.37 mi. | HIGHWAY 2.42 mi. | CULVERT 2.64 mi. | CULVERT 3.19 mi. | ECB 3.30 mi. | CULVERT 3.31 mi. | SIGN (R) 3.36 mi. | CULVERT 3.50 mi. | CULVERT 3.69 mi. | CULVERT 3.87 mi. | CULVERT 4.05 mi. | CULVERT 4.14 mi. | RD TO CAMP MALUHIA & END STATE HWY 6 MP 177+20 4.28 mi. | ECB 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 | 2'–4' GRS | 2'–6' AC | 2'–4' GRS | 6' AC | 2'–4' GRS (10' AC) (24' AC) | 2' AC | 0 | 2' AC | 2' AC & 10' Grass | 2' AC | 2' – 4' AC

Pavement: Width and Type
24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 22' AC | 20' AC

Shoulder: Width and Type
6' AC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8' AC | 4' AC (0) | 2' AC | 2' AC & 10' Grass | 2' AC | 2' – 4' AC

Median: Width and Type
4' PAINT | 10' PAINT | 10' PAINT | 10' PAINT | 8' PAINT

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

Pavement: Width and Type
12' AC | 12' AC | 12' AC | 12' AC (12' AC) (11' AC)

Shoulder: Width and Type
6' AC | 0 | 0 | 0

Number of Traffic Lanes
2 – 12' | 2 – 11' | 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)
4'–6' CONC. S.W. | 4' CONC. S.W. | 3' CONC. GUTTER/CURB

Curb and/or Gutter: Type (Right and Left) AC CURBS
6' CONC. GUTTERS | 3' CONC. GUTTERS | 3' AC GUTTER

Protective Devices: Type, Location and Number METAL RAILS ON CONCRETE POSTS
M/M | 7 MV | 1 MV

Illuminstion: 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 | FLAT | ROLLING | MOUNTAINOUS

Speed: 1–Design, 2–Posted
35 MPH (2) | 30 MPH (2) | 30 MPH (2) | 35 MPH (2) | (25 MPH (2)) | 20 MPH (2) | NOT POSTED | 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
B74 0340 00000 | B74 0340 00124 | (B74 0340 00221) | B74 0340 00242

HPMS Sections – AADT 2007
4,850 | 5,050 | 1,720 | 1,115

HPMS Sections – AADT 2006
4,800 | 5,000 | 1,700 | 1,100

HPMS Sections – AADT 2005
4,776 | 4,970 | 1,690 | 1,126

DOD Sections

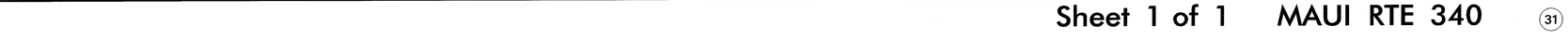
Census Tracts

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

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

Previous Projects: Project No., Date and Limits
(3400B-01-97M, RESURFACE, 1998) | 340D-01-93M, RESURFACE, 1994
S-0341(3) 1966 | COUNTY | S-0330(2) 1967 | COUNTY

SCALE: (In Miles) 4" = 1 mile



Date Released
Oct 2004 GN
Revised
Nov. 06 D.B.
Feb. 08 D.B.
Dec. 09 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

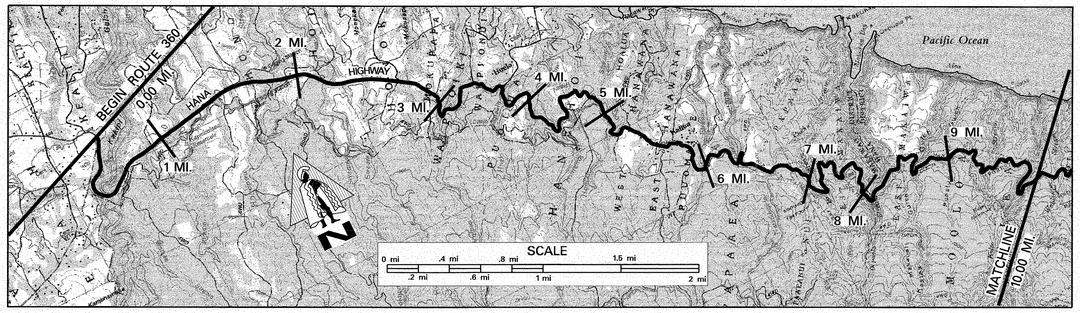
Total Route Length: 34.93 miles

a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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

Vertical Clearance

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

Horizontal Clearance

24′ | 24′ | 16′ | 20′ | 19′ | 20′ | 16′ | 15′ | 12′

Structure Over Road

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

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

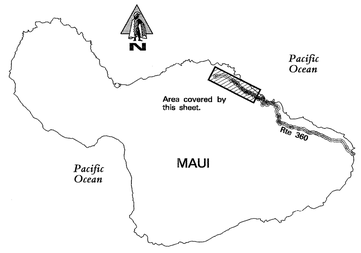
State

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 KAUPAKALUA ROAD (SAME AS END RTE 30).

HANA HIGHWAY

Culvert | Gated Driveway | Gated Driveway | Road | Uaiena Lp. | Hoolawa Br. | Uaiena Loop 2.83 mi. | E. Waipio Rd. | Culvert | Hoolua Bridge | Culvert | Driveway | Kailua Bridge | Nailiilihaele Br. | PA Culvert | Oopuola Br. | Makanali Br. | Kaalaa Br. | Culvert | Kolea Culvert | Waikamoi Br. Trail (R) | Waikamoi Br.

0 MP 1 MP 2 MP 3 MP 4 MP 5 MP 7 MP 8 MP 9 MP 10 MP

0.01 mi. 0.45 mi. 0.69 mi. 1.02 mi. 1.43 mi. 1.67 mi. 1.89 mi. 2.01 mi. 2.14 mi. Honokala 2.83 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. 9.28 mi. 9.46 mi. 9.88 mi. 9.92 mi.

CONTINUED ON SHEET #2.

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway

Undivided

Shoulder: Width and Type

6′–8′ AC | 2′ AC | 2′–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

4′–6′ AC | 6′–8′ AC | 4′–6′ AC | 2′–4′ AC | 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

2–12′ | 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

+3

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Small Urban (2) | Rural (1)

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

Mountainous

Speed: 1–Design, 2–Posted

35 MPH (2) Not Posted | 25 MPH (2) | 15 MPH (2) | 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)

National Highway System (NHS)

Not on NHS (0)

Previous Projects: Project No., Date and Limits

360A–01–94M, 1995 (Resurfacing & Improvements)

S–0360 (4), 1963 | S–0360(3), 1963 | 360A–01–86M, (R) 1986 | F–32 (2), 1946,1957 | 360A–01–80, (Imprv) 1981 (Job #5839, 1956) | C–360–01–63, 1967 | County | A–360–01–62,1962 | (360A8–01–00M, 2002, Repairs & Maintenance)

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct. 2003, D.B.

Revised	
Sept. 04	D.B.
Nov., 06	D.B.
Dec. 09	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

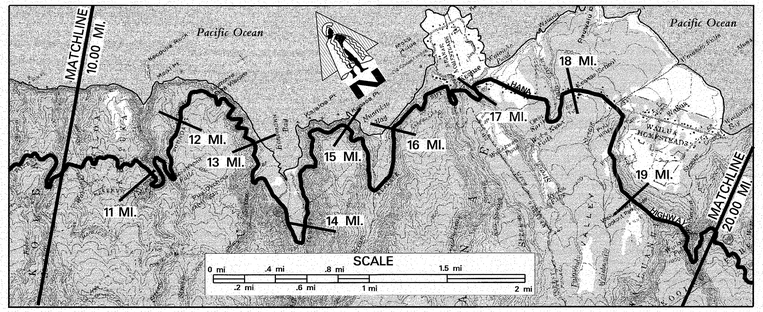
Total Route Length: 34.93 miles

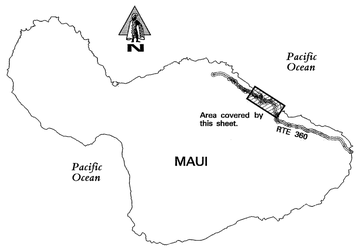
a. Survey Length: 34.93 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Road Diagram

* MP = Milepost Signage

Date Released
Oct 2003, D.B.
Revised
Sept. 04 D.B.
FEB. 06 D.B.
Nov., 06 D.B.
Feb., 08 D.B.
Dec. 09 D.B.

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

10.97	11.44	13.86	13.71	15.39	16.60	16.77	16.91	17.41	18.09	18.39
Tee Beam 1912, H15 56′	Tee Beam 1912, H15 34′	Tee Beam 1911, H15 34′	Tee Beam 1911, H15 48′	Tee Beam 1911, H15 35′	Tee Beam 1916, H15 28′	Tee Beam 1916, H15 31′	Tee Beam 1921, H15 24′	Cantilevered Conc. Deck 2006, HL–93 100′	Conc. Masonry Arch 1926, H15 108′	
15′	12′	12′	12′	21′	19′	20′	22′	22′	17′	

Vertical Clearance

Horizontal Clearance

Structure and Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (40′–115′) 14.19 14.31 | 40′ 17.22

Available Right of Way Width (Needs Study): Bushes & Trees | 16.20 Res. Area 16.95 | 17.22 Heavy Brush & Trees 17.73 | 18.04 Res. Area | Heavy Brush, Trees & Steep Cliffs

Right of Way Fence: Type – Right and Left: 10.29 Wire 10.73 | 11.07 11.20 (ROCKFALL PROTECTION) | 16.95 17.18 17.71 17.92

Control of Access: 1–None, 2–Partial, 3–Full: None | (360AB–02–03M Roadway Deck, 2006)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State | (765+94.12) (766+94.15)

Project No., Type of Construction, and Year Constructed: 13.86 13.92 589+00 14.08 (360AB–01–00M (Repairs & Maintenance) 2002) | (360B–01–93M (R) 1994) 18.26 18.34 (360B–01–95M (R) 1997)

Project No., Type of Construction, and Year Constructed: 360A–01–94M, 1995 Resurfacing & Improvements | 13.92 360AB–01–98M (R) 1999 | (360AB–01–88 (Resurf & Improv.) 1990) 18.61 18.74 19.38

CONTINUED FROM SHEET #1.

Culvert 10.18 mi. | "Garden of Eden" Arboretum 10.49 mi. | Puohokamoa Br. 10.87 10.94 mi. | Helpuiuena Br. 11.44 mi. | Culvert 11.89 11.86 mi. | Kumaahina Wayside Park, Rt. 11.89 mi. | Culvert 12.14 mi. | Culvert 12.31 mi. | Culvert 12.56 mi. | Koloa Br. 12.68 mi. | Culvert 12.88 mi. | Dirt Road 13.16 mi. | Culvert 13.37 13.48 mi. | Honomanu Br. 13.71 mi. | Campground Rd. 13.87 13.94 mi. | Culvert 14.33 mi. | Culvert 14.47 mi. | Culvert 14.70 mi. | Culvert 14.87 14.88 mi. | Culvert Nuaailua Br. 15.39 mi. | Culvert 15.42 15.55 mi. | Culvert 16.11 mi. | To County Garage 16.30 mi. | Keanae Rd. Keanae Arboretum (R) 16.46 mi. | Plinaau Br. 16.50 16.55 mi. | Culvert 16.60 mi. | Culvert 16.77 mi. | Culvert 16.84 16.91 mi. | Culvert 16.98 mi. | Culvert "Half Way to Hana" Fruit Stand (Wailua) 17.08 17.25 mi. | Culvert 17.32 mi. | Conc. Bridges 17.53 17.57 17.63 17.80 mi. | Culvert 17.77 17.87 mi. | Keanae School 17.88 mi. | Culvert 17.95 mi. | Culvert Waiokamilo Br. 18.07 18.09 mi. | Culvert Rds. to Wailua Homesteads 18.12 18.15 18.25 mi. | Culvert 18.45 mi. | Culvert 18.56 18.59 mi. | Culvert 18.80 18.87 mi. | Culvert (Wailua Valley State Wayside) 18.93 mi. | Wailua Valley Lookout (L) 19.06 mi. | Concrete Deck Rd. to Keanae 19.39 mi. | Waikani Br. 19.94 mi.

HANA HIGHWAY

MP 11 | MP 12 (Post Only) | 577+25 | MP 13 | MP 14 | MP 15 | MP 16 | MP 17 | MP 18 | MP 19 | MP 20

CONTINUED ON SHEET #3.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 0–2′ Grass | 2′ AC 2′ Grs. 17.41 | 0 | 2′–4′ Grs. | 0–2′ Grass

Pavement: Width and Type: 18′ AC 13.92 | 16′ AC 14.19 | 20′ AC 2′ AC 14.31 | 16′ AC | 15′ Grv. 16.06 | 16′ AC | 2′–4′ Grs. 17.50 | 18′ AC 18.74 | 16′–18′ AC 19.42

Shoulder: Width and Type: 0–2′ Grass | 0–2′ Grass | 0–2′ Grass | 0–2′ Grass

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′ | 13.92 2–8′ 14.19 2′ 10′ 14.31 | 2–8′ | 18.74 2–9′ 19.42 | 2–(8′–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): Concete Barrier | Masonry Wall | Masonry Wall | (Conc. Gutter) | 4′ Conc. Gutter | 8′ AC Gutter | Masonry Wall | 2′ Conc. Curb & Gutter | (Conc. Gutter)

10.09 10.64 10.74 10.94 11.01 11.14 11.24 11.38 11.45 11.83 12.27 12.44 12.63 12.79 13.05 13.22 13.19 13.53 13.74 13.94 14.19 14.28 14.61 14.71 14.82 14.87 15.05 15.19 15.23 15.48 15.61 15.66 16.08 16.03 16.35 16.42 16.55 16.63 16.69 16.89 17.08 17.18 17.41 17.57 17.74 18.04 18.09 18.25 18.31 18.45 18.56 18.80 18.92 19.06 19.26 19.36 19.44 19.71 19.82 19.93

4′ AC Gutter | 4′ Conc. Swale | (Conc. Barrier) | Gabion Retaining Wall | (Conc. Barrier) | Masonry Walls

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts Unless Otherwise Noted.

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) | 13.48 15 MPH (2) | 30 MPH (2) | 17.22 35 MPH (2) | 18.32 30 MPH (2) | 15 MPH (2) | 19.77 15 MPH (2) | 17.00

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): 10.94 B74 0360 00263 | 14.86 B74 0360 01337 | B74 0360 01630 17.50 | 18.07 B74 0360 01777 | B74 0360 01939

HPMS Sections – AADT 2007: 1,620 | 1,720 | 1,515 | 1,515 | 1,720

HPMS Sections – AADT 2006: 1,600 | 1,700 | 1,500 | 1,500 | 1,700

HPMS Sections – AADT 2005: 1,564 | 13.37 1,680 | 16.30 1,481 | 17.77 1,451 | 19.39 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: 11.07 11.20 (360AB–02–98, 2005, ROCKFALL MITIGATION) | 360A–01–82, 1983 (Improv.) & 360A–01–83M, 1983 (Resurface) | 13.96 13.92 14.19 14.31 (360A–04–95, (Realignment) 1999) | 15.84 16.03 (360A–01–97 (Improv.) 1999) | 360AB–01–88 (Resurface & Improv.) 1990 | County | 18.74 360B–01–93M, 1994 (R) 19.42 19.61 360B–01–85, 1986

SCALE: (In Miles) 2" = 1 mile

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

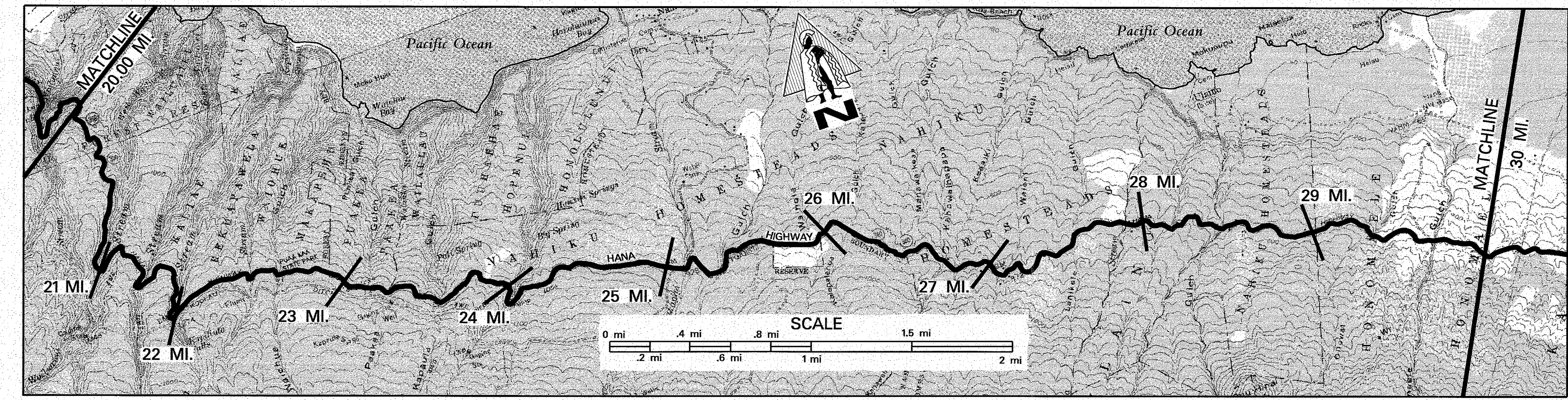
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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 — 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30

Maintenance Control Sections: Length and Description: 360 B (16.57 mi.)

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

Milepost	Type	Year / Capacity	Length	Horizontal Clearance
20.83	Tee Beam	1937 H15	62'	20'
21.30	Tee Beam	1926 H15	34'	18'
21.81	Tee Beam	1926 H15	76'	14'
22.31	Tee Beam	1926 H15	20'	22'
22.47	Tee Beam	1937 H15	40'	13'
22.95	Tee Beam	1920 H15	20'	12'
23.33	Tee Beam	1926 H15	49'	16'
23.99	Conc. Masonry Arch	1926 H15	60'	20'
24.16	Tee Beam	1926	23'	16'
24.98	Tee Beam	1926 – H15	40'	16'
25.20	Conc. Masonry Arch	H15 – 1926	60'	16'
25.42	Conc. Masonry Arch	1926 – H15	24'	16'
25.95	Tee Beam	1926	24'	16'
26.48	Tee Beam H15	1926	24'	16'
26.60	Tee Beam H15	1922	60'	16'
26.77	Tee Beam H15	1921	22'	16'
26.94	Tee Beam H15	1920	29'	16'
27.01	Tee Beam H15	1920	24'	16'
27.76	Tee Beam – H15	1917	51'	16'
27.92	Tee Beam – H15	1917	28'	16'
27.98	Tee Beam – H15	1914	39'	16'
28.31	Slab	1908 – H15	48'	13'
29.18	Tee Beam	1914 – H15	22'	16'
29.54	Tee Beam	1924 – H15	38'	16'

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; 27.36–27.64 Res. / Farm Area; 29.03 Clr. 1000' – Pasture, Grass – 15' from Pvmt.

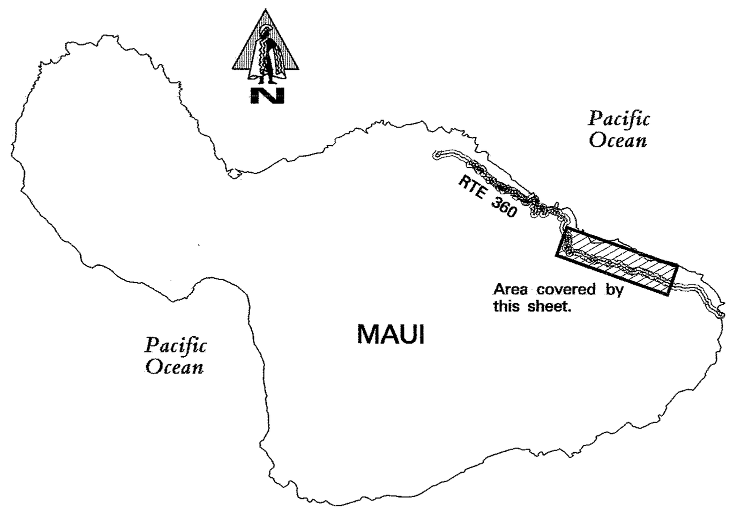
Right of Way Fence: Type – Right and Left W/W=Wire on Wood: 22.62–22.87 W/W; 23.56–23.79 W/W; 24.36–24.44 W/W; 25.10–25.21 W/W; 25.44–25.61 W/W; 27.36–27.73 Wire on Wood; 27.66–27.71 W/W; 28.62–28.69 W/W

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) 23.33–23.38

Project No., Type of Construction, and Year Constructed: 360B–01–95M (Resurface) 1997; 23.38 360B–01–93M (R) 1994; 28.88 360B–01–96M (R) 1997



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #2.

HANA HIGHWAY

Feature	Milepost
Culvert	20.10 mi.
Culvert	20.28 mi.
Culvert	20.64 mi.
W. Wailuaiki Br.	20.83 mi.
Culvert	21.06 mi.
Culvert	21.19 mi.
E. Wailuaiki Br.	21.30 mi.
Culvert	21.36 mi.
Kopiliula Br.	21.81 mi.
Culvert	21.87 mi.
Culvert	22.15 mi.
Culvert	22.18 mi.
Waiohue Br.	22.31 mi.
Paakea Br.	22.47 mi.
Puaa Kaa Park (R)	22.49 mi.
Parking Area (L)	22.53 mi.
Culvert	22.59 mi.
Culvert	22.92 mi.
Unnamed Br. #1	22.93 mi.
Unnamed Br. #2	22.95 mi.
Unnamed Br. #3	23.00 mi.
Culvert	23.01 mi.
Culvert	23.11 mi.
Culvert	23.28 mi.
Kapaula Br.	23.31 mi.
Culvert	23.39 mi.
Culvert	23.75 mi.
Culvert	23.82 mi.
Hanawi Br.	23.99 mi.
E. Hanawi Br.	24.16 mi.
Bridge	24.17 mi.
Makapipi Br.	24.85 mi.
Lower Nahiku Rd.	24.98 mi.
Kuhiwa Br.	25.01 mi.
Kupukoi Br.	25.20 mi.
Kahalaowaka Br.	25.42 mi.
Pupape Br.	25.95 mi.
Kahawaihapapa Br.	26.48 mi.
Keaaiki Br.	26.60 mi.
W. Waioni Br.	26.77 mi.
Waioni Br.	26.87 mi.
Culvert	26.94 mi.
Culvert	27.01 mi.
Lanikele Br.	27.33 mi.
Heleleikeoha Br.	27.41 mi.
Ulaino Br.	27.76 mi.
Mokulehua Br.	27.86 mi.
Oilowai Br.	27.92 mi.
Honomaele Br.	27.98 mi.
Bridge	28.31 mi.
	28.89 mi.
	29.18 mi.
	29.54 mi.
	29.85 mi.
	29.93 mi.

23 MP; 24 MP; 25 MP; 27 MP; 28 MP; 29 MP (Post Only); 30 MP

CONTINUED ON SHEET #4.

SCALE: (In Miles) 2" = 1 mile — 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30

Divided Highway / Undivided
- **Shoulder: Width and Type:** 0–2' Grass; 24.52–24.78 2' AC; 0–2' Grass
- **Pavement: Width and Type:** 16'–18' AC; 23.38 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'); 23.38 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): (Conc. Gutter) 20.05; 20.25 (Conc. Gutter) 20.32; (Conc. Gutter) 21.07 21.14; (Conc. Gutter) 21.19 21.20; (Masonry Wall); 21.89 22.01 22.07 22.10; Conc. Gutter 22.51 22.57 22.85 23.02 23.05; (Conc. Gutter) 23.12 23.20 23.28 23.29 23.35; (Conc. Gutter); 29.00 29.92 29.95

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts: 20.01 20.06; (Masonry Wall) 20.68 20.66 20.71; 20.93 20.97; 21.10 21.11; 21.19 21.22 (21.23); (Conc. Barrier) 21.40 21.45 21.53 21.54 21.61 21.73; 21.86 21.90 21.98; 22.09 22.14 22.22 22.24 (22.31 22.32) (22.36 22.37) (22.40 22.41) (22.44 22.45) 22.52 22.62 22.75 22.83 22.84 22.96 22.97 23.04 23.05 23.10 (23.12) 23.15 (23.16) 23.32 23.34 23.38 (23.39); 24.98 25.00; 29.19 29.21; (29.49 29.51) (29.54 29.56); 29.75 29.76; 29.86 29.88; 29.99

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); 23.75 35 MPH (2); 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 01939; 25.88

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:
- 23.38; 360B–01–93 (R) 1994; 29.04
- 22.52 360AB–01–88 (Resurf. & Improv.) 1990 24.03
- 360B–01–85 1986; 23.58; County to State; 28.32; 29.04 360B–01–80 (Imprv.) 1981
- County

SCALE: (In Miles) 2" = 1 mile — 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30

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

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

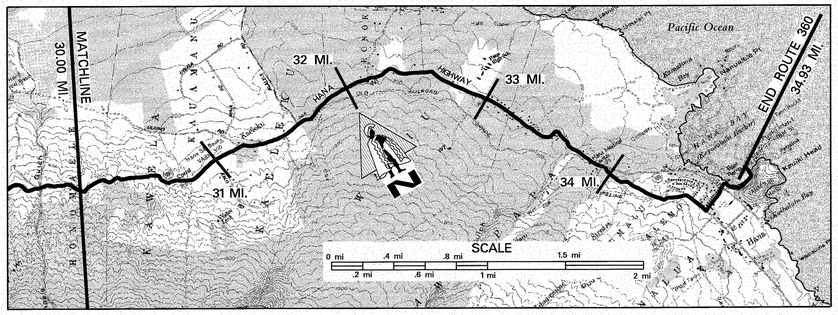
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

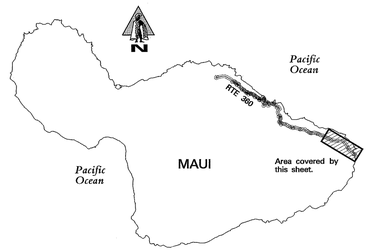
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

*





Road Diagram
* MP = Milepost Signage

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'
35.44

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)

Right of Way Fence: Type – Right and Left

W/W=Wire on Wood

Bushes & Trees | Res. Area | Clr. 1000' Pasture 15' from Pvmt. | Res. Area

Wire | Wire | Wood | W/W | W/W | W/W | Various | W/W | W/W | Wire on Wood | 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

(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

CONTINUED FROM SHEET #3.

Bridge | Bridge | Culvert | Kalo Rd. | Ulaino St. | Culvert | Alalele Pl. (Rd. to Hana Hwy.) | Olopawa Rd. | To Waianapanapa State Park | Hana High School | Hana Elementary School | Waikoloa Rd. (Refuse Disposal Site) | Helani Gardens | Kawaipapa Br. | Bridge Fire Sta. 33.78 mi. | Driveways to Hana Mod. Center | Beaverpipe | Kauiki St. | Pa'animal Park | Keawa Pl. (L) | Keanini Dr. | Alau St. | Culvert | Ukea Rd.

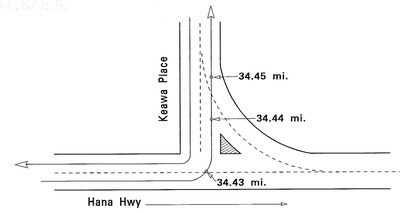
HANA HIGHWAY — KEAWA PLACE

MP 31 | MP 32 | MP 33 | MP 34

Hana angle point

30.09 mi. | 30.20 mi. | 30.50 mi. | 30.57 mi. | 30.79 mi. | 30.88 mi. | 30.99 mi. | 31.17 mi. | 31.27 mi. | 31.38 mi. | 31.54 mi. | 31.87 mi. | 31.92 mi. | 32.59 mi. | 32.68 mi. | 32.84 mi. | 33.14 mi. | 33.44 mi. | 33.47 mi. | 33.68 mi. | 33.73 mi. | 33.89 mi. | 34.08 mi. | 34.15 mi. | 34.31 mi. | 34.37 mi. | 34.43 mi. | 34.61 mi. | 34.64 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 | 8'–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

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
AC Roll Curb
(Conc. Gutter)
(Conc. Curb)
(Wood Rail on Conc. Post)
AC Roll Curb
Masonry Wall
Curb and/or Gutter: Type (Right and Left)

Protective Devices: Type, Location and Number — Metal Rails on Metal Posts unless otherwise noted.

MV | 1 MV | 1 MV

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 | Flat | Rolling | Rolling

Speed: 1–Design, 2–Posted

35 MPH (2) | 35 MPH (2) | 30 MPH (2) | Not Posted | (20 MPH (2))
15 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B74 0360 01939 | B74 0360 03127 | B74 0360 03259

1,720 | 2,325 | 1,720
1,700 | 2,300 | 1,700
1,680 | 2,294 | 1,680

HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

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 | County | (FAP 58(1), 1947) | 360B-01-83M (Resurface) 1983

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.
Dec. 09	D.B.

ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

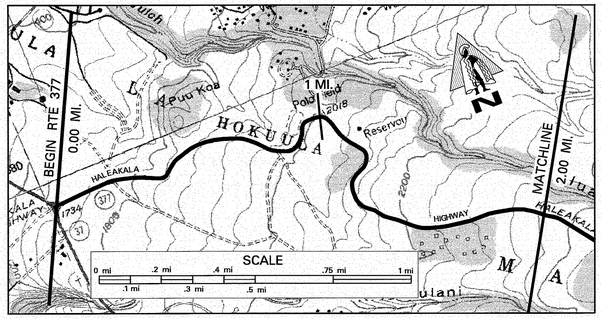
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

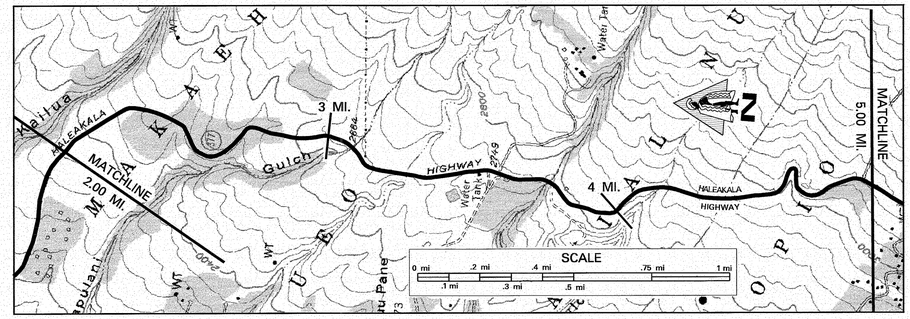
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

*





Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

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'
Structure Carrying Road — Vertical Clearance		24'
Structure Carrying Road — Horizontal Clearance		
Structure Over Road — Vertical Clearance		
Structure Over Road — 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		0.03 STP–0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT
Project No., Type of Construction, and Year Constructed	377A–02–81M 1981 RESURFACE	0.08 STP–0377(4), 1994 RESURFACE

BEGIN ROUTE 377 ON HALEAKALA HWY AT THE EAST EDGE OF PAVEMENT OF KULA HWY (RTE 37).

0.00 mi.

SPUR SPUR 0.02 mi. 0.01 mi.
BEGIN DIVIDED 0.19 mi.
KING KEKAULIKI HIGH SCHOOL END DIVIDED 0.27 mi.
TRACTOR CROSSING 0.33 mi.
CULVERT 0.38 mi.
CULVERT 0.81 mi.
KEALALOA AVE 0.86 mi.
ECB 1.02 mi. 1.01 mi. 0.99 mi.
HALEAKALA HIGHWAY
1 MP
2 MP
2500' ELEV. SIGN 2.01 mi.
ECB 2.56 mi.
WAIALE BRIDGE 3.16 mi.
3 MP
CULVERT 3.74 mi.
CULVERT 4.65 mi. 4.60 mi.
4.98 mi.
5 MP

CONTINUES ON SHEET # 2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	22' AC	4' AC
Divided Highway — Undivided — Pavement: Width and Type	11' AC	18' AC
Divided Highway — Undivided — Shoulder: Width and Type	4' AC / 0	4' AC
Divided Highway — Median: Width and Type	0.19 0-12' PAINTED AC 0.33	
Divided Highway — Shoulder: Width and Type	0	
Divided Highway — Pavement: Width and Type	11' AC	
Divided Highway — Shoulder: Width and Type	4' AC	
Number of Traffic Lanes	2 – 11'	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)		
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL, EXCEPT WHEN NOTED	
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)	1.39 –7 1.51	2.05 –7 2.19 / 4.36 –7 4.51
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		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	2,426
DOD Sections	1.00	
Census Tracts		
Functional Classification	COLLECTOR (7)	MAJOR COLLECTOR (7)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		1.85 377A–01–83M 1983 RESURFACE 4.03 377A–01–85M 1985 RESURFACE
	377A–02–81M 1981 RESURFACE 1.07	JOB #5569 1952 RESURFACE
	FAP 5B 1933 0.80	FAP–5B 1929, 1933

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.

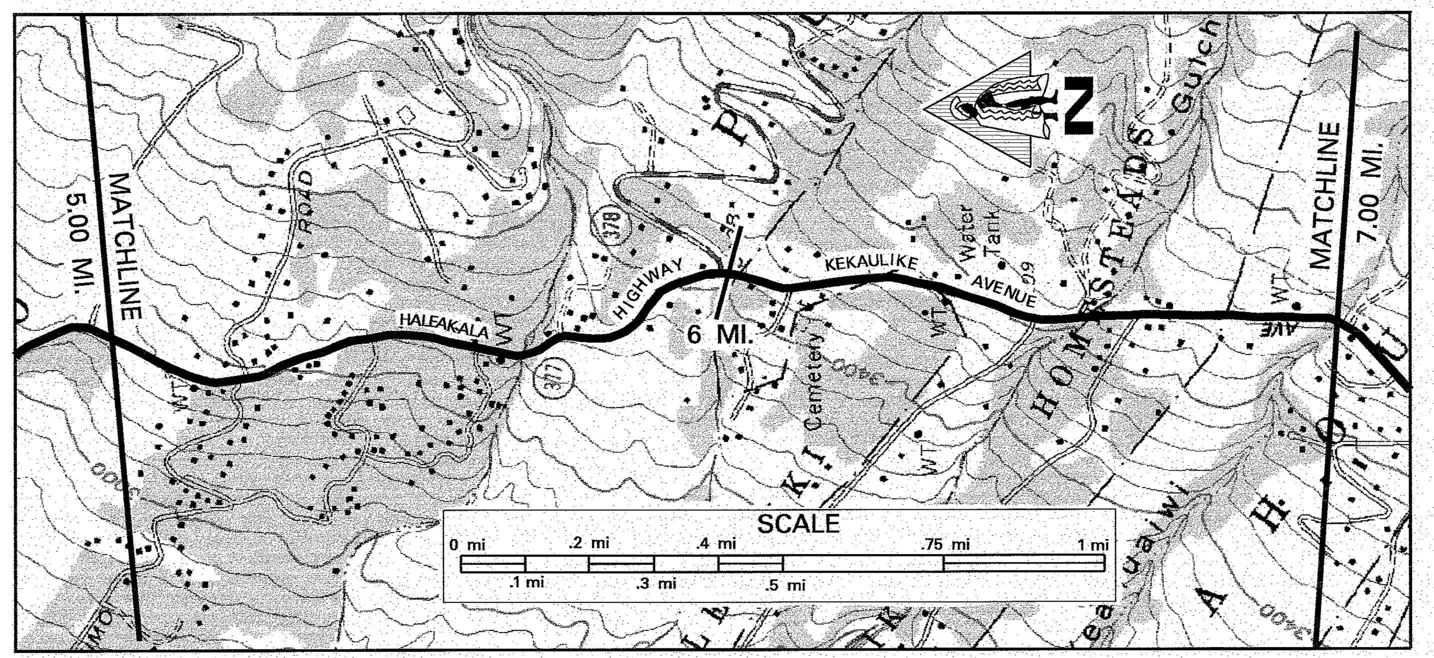
ROAD INVENTORY

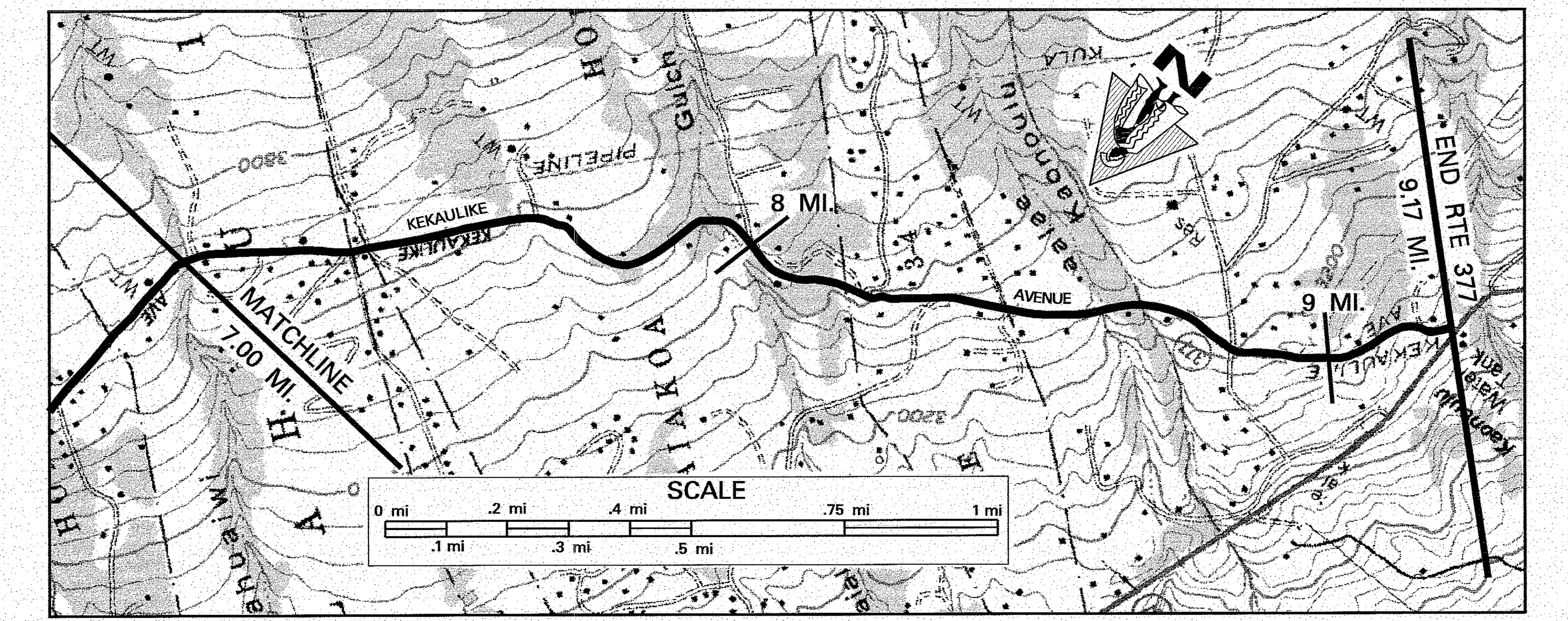
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

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

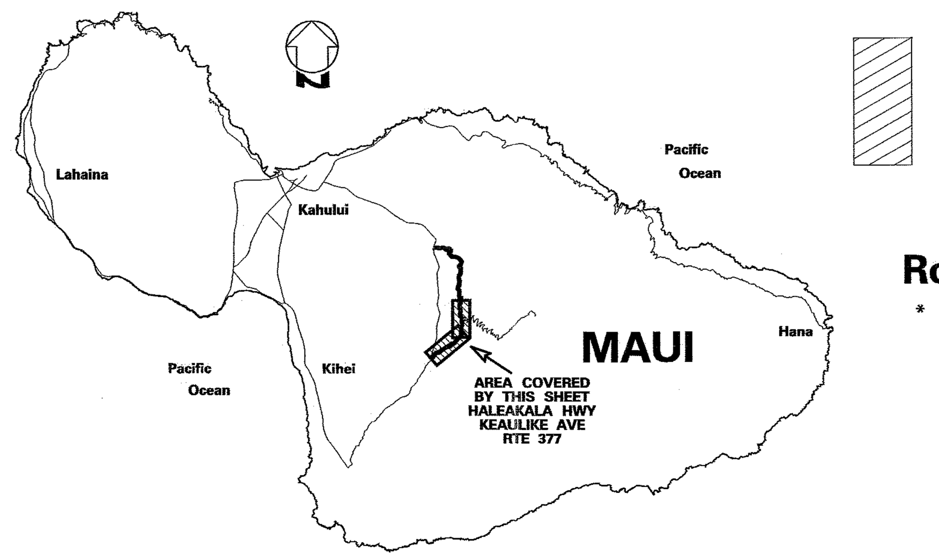
Total Route Length: 9.17 miles
a. Survey Length: 9.17 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*





SCALE: (In Miles) 4" = 1 mile — 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. 9.16
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 Width (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; 5.11, 5.18, 5.20, 5.58, 5.67, 6.02, 6.03, 6.07, 6.25, 6.78, 6.96, 7.02, 7.53, 8.47, 8.57, 8.60, 8.80
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)	6.01 S T A T E
Project No., Type of Construction, and Year Constructed	STP–0377(3) 1995 GUARDRAILS & SHLDR IMPR.; 377B–01–96M 1998 RESURFACE
Project No., Type of Construction, and Year Constructed	STP–0377(4) 1994 RESURFACE 6.02; RS–0377(2) 1987 IMPROVEMENTS

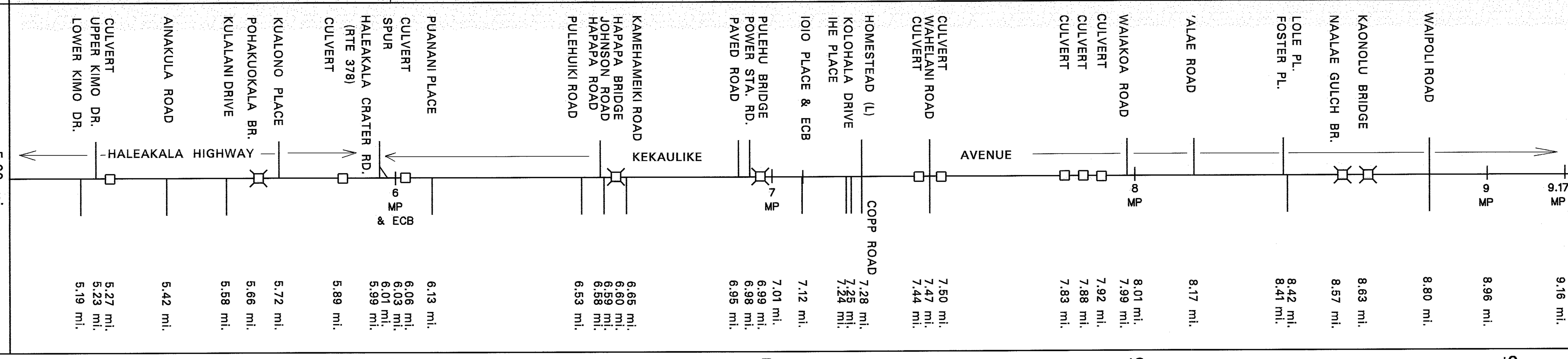


Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET # 1

5.00 mi.



9.17 mi.

END ROUTE 377 ON KEKAULIKE AVENUE AT THE EAST EDGE OF PAVEMENT OF KULA HIGHWAY (RTE 37)

SCALE: (In Miles) 4" = 1 mile — 5, 6, 7, 8, 9, 10

Divided Highway / Undivided — Shoulder: Width and Type	4' AC 6.01; 6.02 4' AC / 4' – 8' GRASS 7.10; 4'AC / 10'–18' GRS 7.25; 4' AC / 4' – 8' GRASS 9.15
Pavement: Width and Type	18' AC 5.98; 20' AC 9.08; 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)
Median: Width and Type	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2 – 9' 5.98; 2 – 10' 9.08; 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)	6.07, 6.11, 6.19, 6.36, 6.51, 6.66, 6.80, 6.89, 7.00, 7.08, 7.37, 7.39, 7.72, 7.82, 7.99, 8.07, 8.17, 8.28, 8.63, 8.67, 9.11
Curb and/or Gutter: Type (Right and Left)	AC ROLLED CURBS; 5.05, 5.12, 5.21, 5.25, 5.46, 5.49, 5.61, 5.67, 5.90, 5.96, 6.59, 6.61, 6.99, 7.64, 7.66, 8.09, 8.30, 8.33, 8.77, 8.79
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL W/ METAL, EXCEPT WHERE NOTED; 5.03, 5.06, 5.10, 5.14, 5.19, 5.28, 8.23, 5.33, 5.40, 5.45, 5.66, 5.84, 5.91, 6.03, 6.06, 6.48, 6.50, 6.56, 6.65, 6.74, 6.79, 6.98, 6.99, 7.03, 7.40, 7.47, 7.65, 7.71, 7.76, 7.83, 7.97, 8.02, 8.06, 8.14, 8.24, 8.27, 8.34, 8.38, 8.40, 8.50, 8.56, 8.64, 8.72, 8.80, 8.95, 9.05, 9.13
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	6.72, 6.76
Grades: % Grade, Positive or Negative	–4 5.10; 6.60 –7; –6 6.90; 7.08 +6 7.22; 7.29 +5 7.46; 8.84 +9 8.96
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; 8.57
HPMS Sections – AADT 2007	2,525; 1,415
HPMS Sections – AADT 2006	2,500; 1,400
HPMS Sections – AADT 2005	2,426 6.13; 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 5.98; FAP–E–13A 1932; RS–0377(2) 1987 IMPROVEMENTS; FAP–E–13A 1932
	JOB #5569 1952 RESURFACE 5.11; 6.62 6.63; 6.99 7.00; 8.57 8.60 8.63 8.64; 9.00 BF–037–1(1) 1962
	FAP – 5B 1929, 1933 6.02; FAP – 13A 1932, 1934

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.
Dec. 09	D.B.

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

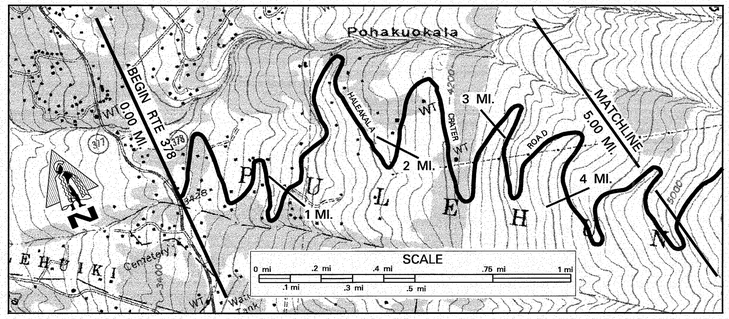
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

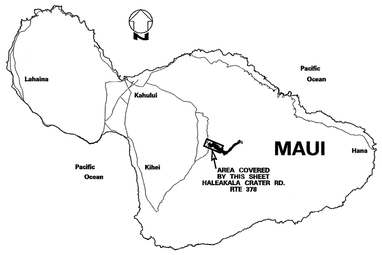
Right of Way Fence: Type – Right and Left: N O N E

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): STATE

Project No., Type of Construction, and Year Constructed: 337+41.87 — 0.04 — 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 EDGE OF PAVEMENT OF KEKAULIKE AVE (RTE 377)

0.00 mi. SPUR AND M.P. 0 MP
0.03 mi. PALENA PLACE
0.10 mi. 3500' ELEV. Sign
0.23 mi. PONI MOI PLACE
0.31 mi. 341+50
0.97 mi. CULVERT
1.21 mi. CULVERT
1.24 mi. 4000' ELEV. Sign
1.78 mi. CATTLE GUARD
2.06 mi. 1 MP
2.12 mi. CULVERT
2.44 mi. CULVERT
2.54 mi. CULVERT
2.82 mi. CULVERT
2.88 mi. CULVERT
2.95 mi. 2 MP
2.98 mi. 3 MP
3.49 mi. 4500' ELEV. Sign
4.05 mi. CULVERT
4.25 mi. CULVERT
4.44 mi. 4 MP
4.96 mi. 5 MP

HALEAKALA CRATER ROAD

CONTINUES ON SHEET #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

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): 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 METAL ON METAL
0.65 0.67 0.70 0.73 0.86 1.00 1.10 1.29 1.31 1.38 1.37 2.09 2.14 2.24 2.30 3.29 3.46 3.94 3.98 4.15 4.17 4.19 4.28 4.30 4.48 4.67 4.73 4.89

Illumination: Type, Location and Number: N O N E

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
0.00 +7 0.20 0.31 +8 0.47 0.71 +8 0.81 2.38 +7 2.55 4.78 +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
- 378A–01–92M 1993 RESURFACE
- 0.04 (STP–0377(4) 1994 RESURFACE)
- 378A–01–82M 1982 (RESURFACE)
- 3.72 | 3.75 RS–0378(1) 1981 RESURFACE
- 0.03 370A–02–67 1967 2.77 378A–03–68 1968 RESURFACE
- FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

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

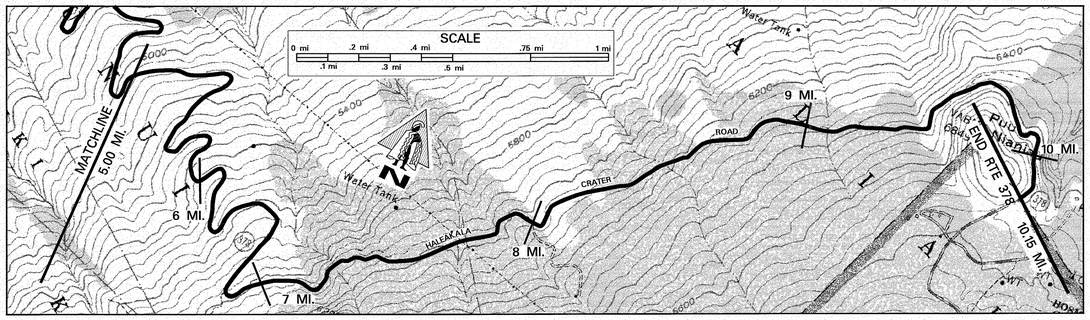
ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

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

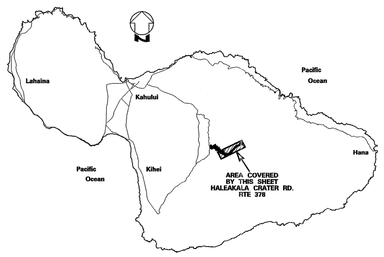
Total Route Length: 10.15 miles
a. Survey Length: 10.15 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

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	PRESTRESSED BEAM 1934 (1970) H15 — 97′ — 56′
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	27′ — 27′
Structure Over Road — Vertical Clearance	
Structure Over Road — 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	378A–01–04M, RESURFACE, 2006 @ END PROJECT (877+00) — (378A–01–92M, 1993, RESURFACE) @ 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.

CULVERT 5.07 mi. | CULVERT 5.22 mi. | CULVERT 5.28 mi. | HALEAKALA | CULVERT 5.95 mi. | CULVERT 6.23 mi. | CULVERT 6.67 mi. | CRATER | CULVERT 6.91 mi. | LOOKOUT 6.95 mi. | CULVERT 7.30 mi. | POHAKUOKALA BRIDGE 7.31 mi. | CULVERT 7.48 mi. | CATTLE GUARD 7.70 mi. | WAIALE BRIDGE 7.91 mi. | ROAD | CULVERT 8.28 mi. | CATTLE GUARD 8.50 mi. | 8500′ ELEVATION SIGN 8.93 mi. | CULVERT 9.24 mi. | CATTLE GUARD 9.34 mi. | CULVERT 9.45 mi. | CATTLE GUARD @ CENTERLINE CATTLEGUARD (877+20) 9.87 mi. | 10.19 MP 10.15 mi. 10.12 mi.

6 MP | 7 MP | 8 MP | 9 MP | (833+80)

END RTE 378 ON HALEAKALA CRATER RD AT THE NAT'L PARK BDRY @ THE CATTLEGUARD NEAR THE "END STATE HWY SIGN". 10.15 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	2′ AC
Divided Highway — Undivided — Pavement: Width and Type	22′ AC
Divided Highway — Undivided — Shoulder: Width and Type	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′
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; 5.30–5.36; 5.48–5.58; 5.66–5.76; 5.82–6.15; 6.24–6.57; 6.68–6.93; 6.99–7.11; 7.16–7.19; 7.27–7.34; 7.38–7.47; 7.51–7.68; 7.75–7.79; 7.84–7.87; 7.90–8.03; 8.07–8.47; 8.55–8.59; 8.80–8.89; 9.07–9.21; 9.28–9.43; 9.54–9.62; 9.74–9.99; 10.06
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 6.30; 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; (377A–01–70 1971 Bridge Widening) 7.70–8.50; RS–0378(1) 1981 RESURFACE
	378A–03–68 1968 RESURFACE 6.95; 378A–04–69 1969
	FAP 5B (Group B) 1933

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

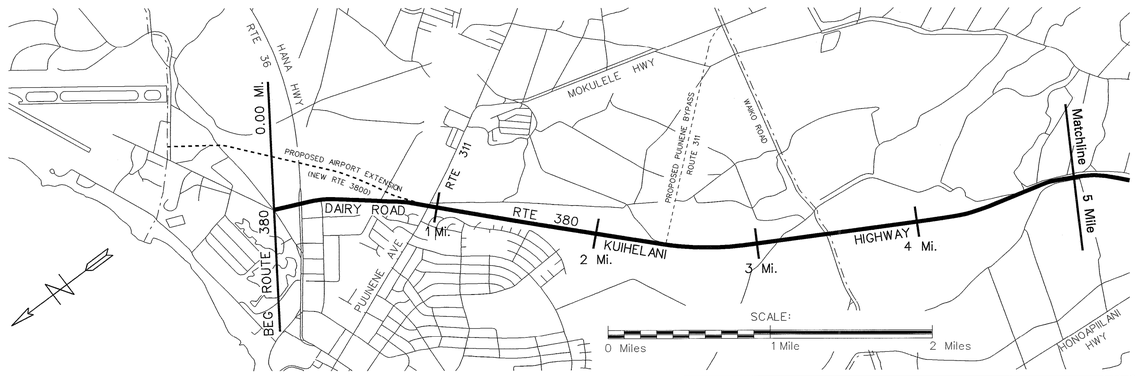
MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

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 030 | 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
- Horizontal Clearance: 44' | 36' | 44' | 36' | 44' | 36'

Structure Over Road
- Vertical Clearance: 3.11 | 4.12 | 4.37
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 150' – 210'

Available Right of Way Width (Needs Study): COMMERCIAL 0.85 | RANCHLAND / SUGAR CANE | 2.89 FARMS–BUSHES–TREES | 3.45 CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT | 3.11 WOOD/CONC. | METAL ON WOOD 4.60

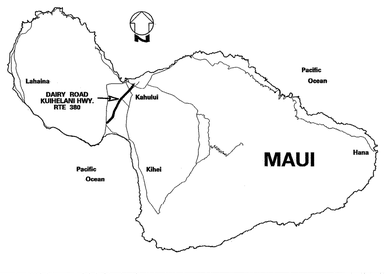
Right of Way Fence: Type – Right and Left: NONE

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: NH–0380(9), (Widening) 2003 (0.78)

Project No., Type of Construction, and Year Constructed: 380A–01–89M (R) 1990 (0.87) | 380A–01– 99M (R), 2000



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

0.00 mi. Begin Route 380 on Dairy Road at the South edge of pavement of Intersection with Haleakala Hwy and Keolani Place (Rte 36A).

0.03 mi. End Div. Hwy | 0.09 mi. Hana Hwy (Rte 36) Kele St. | 0.16 mi. Alamaha St. | 0.31 mi. Ohekani St. | 0.38 mi. Maui Marketplace Dr. | 0.48 mi. Entrance/Exit (R) Mall Entrance Exit | 0.57 mi. Begin Div. Hwy & Pakaula St. (L) Hukilike St. | 0.66 mi. | 0.73 mi. | 0.94 mi. Puunene Ave. | 0.96 mi. Beg Measured Mile | 1.23 mi. Cane Haul Rd. | 1.44 mi. | 1.68 mi. Paved Road | 1.80 mi. End Measured Mile | 2.23 mi. Private Access | 2.37 mi. Maui Lani Parkway | 2.75 mi. | 3.03 mi. Paved Road | 3.09 mi. Waihee Ditch Br. 3.11 mi. (offset) | 3.45 mi. Waiko Road | 3.61 mi. Tractor Crossing & Cane Haul Rd | 3.87 mi. Truck Weigh Station | 3.78 mi. | 4.12 mi. Waikapu Stream Br. | 4.34 mi. Kuihelani 3 Span Bridge and Tractor Crossing | 4.37 mi. | 4.74 mi. Cane Haul Rd. | 4.87 mi.

DAIRY ROAD — KUIHELANI HIGHWAY — 1 MP | 2 MP | 3 MP | 4 MP | 5 MP

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 | 10' AC | 3.64 | 10'–25' AC | 3.82 | 10' AC
  - Pavement: Width and Type: (20' AC) | 40' AC | 0.86 | 44' AC | 22' AC | 1.04 | 24' AC
  - Shoulder: Width and Type: 0 | 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 | 0.96 | 8'–10' Painted AC | 1.11 | 1.20 | 18' Grass | 2.25 | 14' Painted AC | 2.37 | 10' Grass | 2.59 | 18' Grass
  - Shoulder: Width and Type: 0 | 0 | 4' AC | 0 | 4' AC
  - Pavement: Width and Type: (22' AC) | 22' AC | 0.86 | 24' 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') (1–11') | 0.03 | 0.16 | 0.24 | 4–10' | 0.86 | 4–11' | 0.86 | (1–12', 1–10') (2–12') | 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 10' Turning Lanes): 0.12 | 0.14 | 0.22 | 0.25 | 0.38 | 0.46 | 0.52 | 0.57 | 0.61 | 0.89 (2–10' L TLs) | 1.24 10' (L) TL | 2.37 | 2.57 1–12' TL | 3.45 | 3.80 1–12' TL

(Right Side) (All 10' Turning Lanes): 0.06 | 0.09 | 0.13 | 0.22 | 0.25 | 0.38 | 0.46 | 0.52 | 0.57 | 0.61 | 0.89 | 0.96 | 2.22 1–12' TL | 2.37 1–12' TL | 3.30 1–12' TL | 3.45 1–12' TL

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

Sidewalk: Width and Type (Right and Left): 8' Conc. S.W. | 0.61 | 0.66 | 4' Conc. S.W. | 0.95 | 0.23 | 0.31 | 8' Conc. S.W.

Curb and/or Gutter: Type (Right and Left): Conc. | Conc. Curb | AC Curb | (Conc. Curb) | 2' Conc. Gutter | 2.26 | 2.66 | 2' Conc. Gutter

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 0.96 M.V. 1.04 | 2.32 8 HPS 2.43 | 3.09 | 3.26 | 3.35 | 3.26 | 3.33 | 3.56 8 HPS 3.50 | 3.56 | 3.81 | 4.11 | 4.18 | 4.34 | 4.41 | 4.02 | 4.08

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 0.88 | –1 | 3.29 | +1 | 3.76 | 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) | 0.16 | 0.37 | 0.48 | 35 MPH (2) 30 MPH (2) | 0.87 | 1.11 | 1.24 (45 MPH (2)) | 1.10 | 55 MPH (2) | 2.20 | 2.39 | 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 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: 0.96 | 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 50 1931) | 0.03 | 0.19 3800A–01–81M 1981 (Resurf.) | 0.76 | 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 03	DB
Sept 04	DB
Nov., 06	DB
Mar., 09	DB
Dec. 09	DB
Aug. 10	DB

ROAD INVENTORY

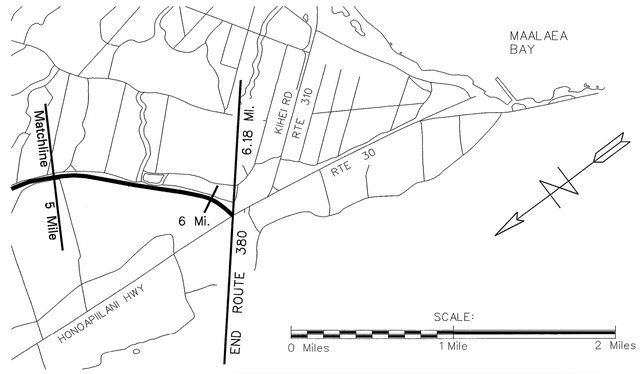
MAUI RTE 380
KUIHELANI HIGHWAY

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 _____

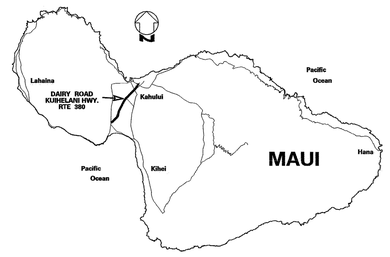


SCALE: (In Miles) 4" = 1 mile

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. (6.17)

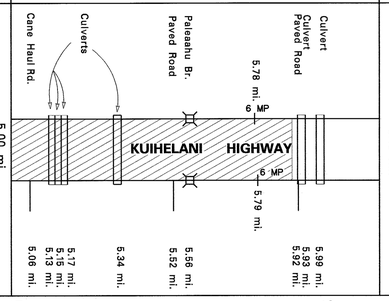
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 37' | SLAB 1970 HS-20; 47' | PRECAST, PRESTRESSED CONC. BEAM, HL-93, 2003
- Vertical Clearance
- Horizontal Clearance: 5.95 | 44' 36'
- Structure Over Road — Vertical Clearance
- Structure Over Road — Horizontal 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

Divided Highway
- Undivided — Shoulder: Width and Type: 10' AC
- Undivided — Pavement: Width and Type: 24' AC | 12' AC (6.14) | 28' AC
- Undivided — Shoulder: Width and Type: 10' AC | 0
- Median: Width and Type: 18' Grass (5.90) | 10'–18' AC (6.02) | 10' Painted AC
- Shoulder: Width and Type: 4' AC | 0 (6.05, 6.14)
- Pavement: Width and Type: 24' AC | 12' AC | 36' AC (6.05) — (38' AC) (44' AC)
- Shoulder: Width and Type: 10' AC

Number of Traffic Lanes: 4 – 12' | 2–12' (6.14) — (2–14') | 2–12' — (1–14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (2–12' (R)), (6.05) — (2–14' (R))
(Right Side): Double (L) TLs — (6.05); Single (R) TL — (6.14); (1–12' (R)) — (1–16' (R)) (1–14' (R))
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 | 5.95
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 (5.82)
Speed: 1–Design, 2–Posted: 45 MPH (1) | Not Posted 35 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing: (5.88) — 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

Date Released
July 2002, DB

Revised	
Nov., 06	D.B.
Dec. 09	D.B.

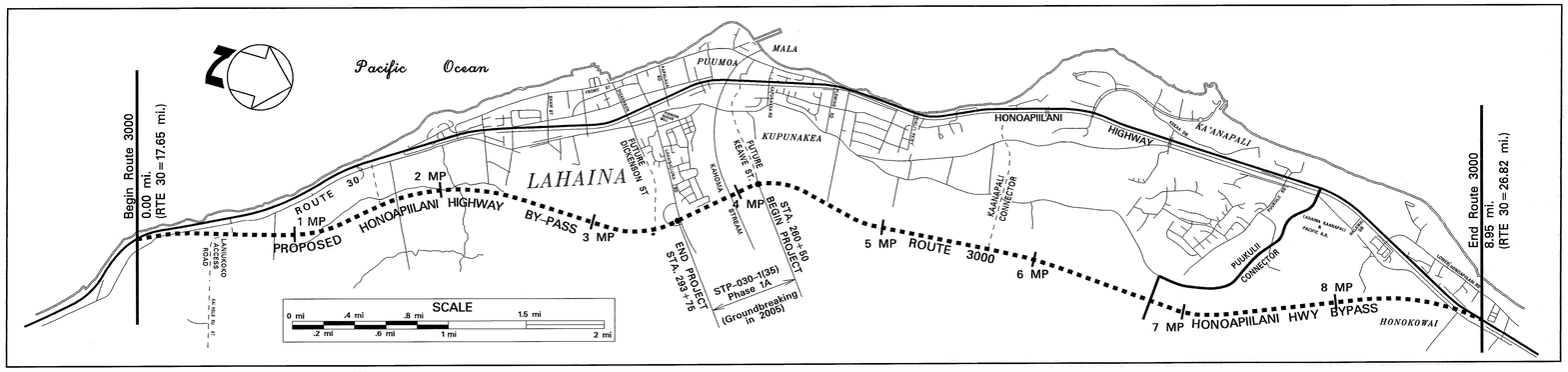
ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

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)

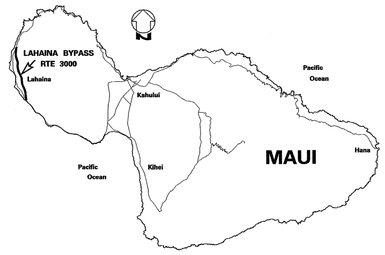
Right of Way Fence: Type – Right and Left

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 3.49

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. | WAIHKULI CONNECTOR (CIVIC CENTER) | KAANAPALI CONNECTOR | HAHAKEA GULCH BR | WAIHKULI GULCH BR | PUUKOLII CONNECTOR | HANAKAOO GULCH BR | HONOKOWAI STR BR | HONOAPIILANI CONN.

HONOAPIILANI HIGHWAY BY-PASS

0.75 MI. 0.98 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**

Divided Highway
- **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 4.19

HPMS Section

AADT

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

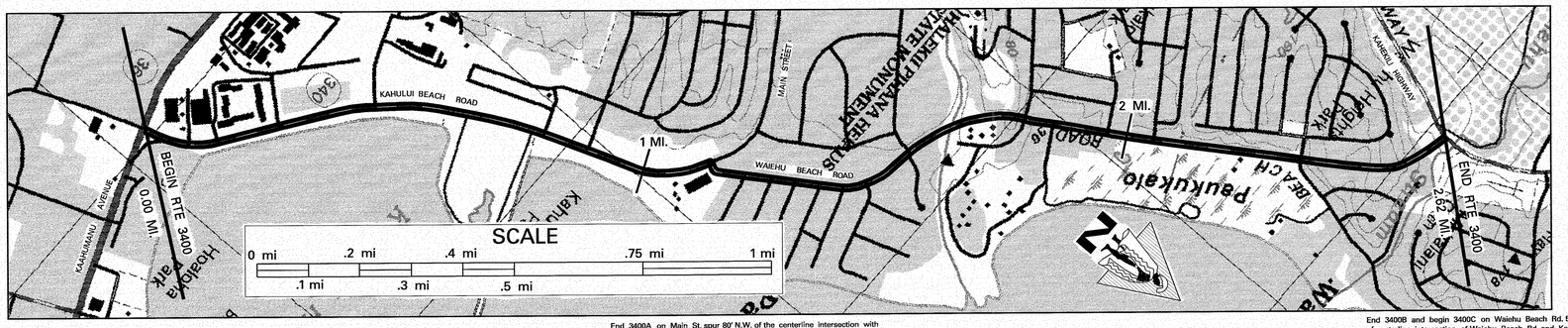
Total Route Length: 2.62 miles

a. **Survey Length:** 2.62 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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 Kaheklil Hwy. Also begin 3400C on Kaheklil Hwy – see Route 340.

0 1 2 3

0.00 Begin 3400A on Kahului Beach Road 220' N. of centerline intersection w/Kaahumanu Ave.

3400A (1.11 MI) / SPUR 3400A (0.02 MI) | 3400B (1.46 MI) | 3400C (0.01 MI)

Structure Carrying Road

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

TEE BEAM
1953 H20 182'

Vertical Clearance

28'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

120' | 80' – 200' | 70' – 240'

Available Right of Way Width (Needs Study)

COMMERCIAL / RESIDENTIAL | BRUSH | SAND

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)

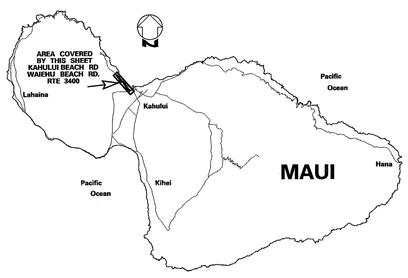
3400AB-02-90 1992 IMPROVEMENTS

Project No., Type of Construction, and Year Constructed

3400A–01–07M, RESURFACING, 2009

3400A-02-91 IMPROVEMENTS 1995 | HWY–M–05–04, IMPR. 2006 | 3400A-02-91 IMPROVEMENTS 1995 | 3400A-01-97 1998 | 3400B-02-98 2 WAY (L) TLS | 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)

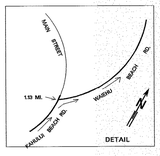
Project No., Type of Construction, and Year Constructed



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)

DRIVEWAY | KAIHEE PLACE | WAHINEPIO AVE | 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 ST. | EHA ST. | END DIVIDED | IAO BRIDGE | BEGIN DIVIDED | KUHIO PL. KAAE RD. | KUKONA PL. | KEALI'I DR. | MAKAALA DR. | END DIVIDED | BEGIN DIVIDED | WALIPE DR. | END DIVIDED | WAILUKU URBAN BOUNDARY

0 MP | 54+25 | 35+00 MP | PAVED ROAD | NOHOKAI 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. 0.88 mi. 1.00 mi. 1.05 mi. 1.13 mi. 1.20 mi. 1.25 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.

Divided Highway

Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

0 1 2 3

4' AC | 6' AC | 11' AC | 4' – 6' AC | 6' AC | 6' AC | 10' AC | 6' AC
12' AC | 36' AC | 24' AC | 22' AC | 12' AC | 24' AC | 11' AC | 24' AC | 11' AC | 24' AC
0' | 12' GRASS | 2' AC | 0' | 2' AC | 0' | 11' AC | 4' – 6' AC | 0' | 4'–6' AC | ≥6' AC | 0' | 6' AC | 0' | 10' AC | 6' AC
6'-24' GRASS W/CURB | 0'–12' PAINT | 0'–12' PAINT | 12' GRASS (FLUSH) | 0'–12' PAINT | 0'–12' PAINT | 12' GRASS (FLUSH) | 0'–12' PAINT | 0'–8' PAINT | 11' PAINTED AC | 10' PAINT
0' | 2' AC | 0' | 2' AC | 0' | 0' | 0' | 0'
24' AC | 12' AC | 11' AC | 11' AC
4' AC | 6' AC | (6' BIKE LANE) | 6' AC | 4' – 6' AC | 6' AC | ≥6' AC | ≥6' AC

Number of Traffic Lanes

1–12' | 3–12' | 4 – 12' | 2 – 11' | 2 – 12' | 2 – 12' | 2 – 11' | 2 – 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)

4' CONC.

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

T.S. = TRIANGULAR 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

WOOD RAILS ON CONCRETE POSTS | METAL RAILS ON CONCRETE POSTS

Illumination: Type, Location and Number

MV | MV | 1 MV | MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

–1

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

35 MPH (2) | 35 MPH (2) | 30 MPH (2) | 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

3 PHASE | 3 PHASE

Traffic Stations (Current Year)

B74 3400 00000 | B74 3400 00113 | B74 3400 00232

HPMS Sections – AADT 2007

37,875 | 11,920 | 6,870

HPMS Sections – AADT 2006

37,500 | 11,800 | 6,800

HPMS Sections – AADT 2005

37,171 | 11,673 | 6,686

DOD Sections

Census Tracts

Functional Classification

MINOR ARTERIAL (16)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)

3400A–02–91 1995 IMPROVEMENTS | 3400A–01–88M 1988 RESURFACE

3400AB–02–90 1992 IMPROVEMENTS

S–0340 (1) 1955, 1956 | COUNTY | S–247(1) 1952, 1953 | S–0341(3) 1966, 1967

SCALE: (In Miles) 4" = 1 mile

0 1 2 3

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.

ROAD INVENTORY
MAUI RTE 3500
PUUNENE AVENUE

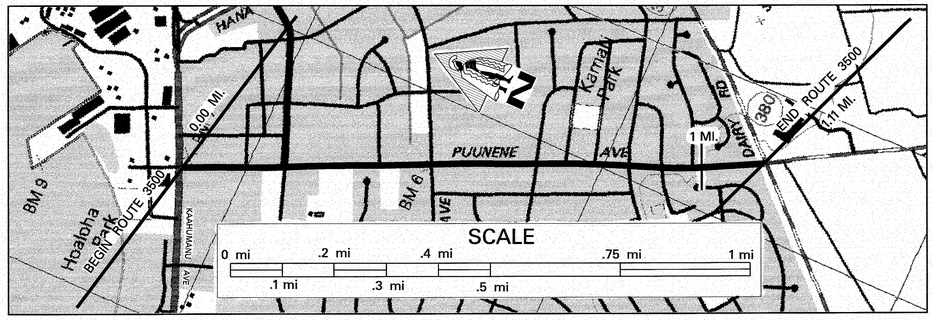
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0 | 1 | 2 | 3

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 Width (Needs Study)

RESIDENTIAL / COMMERCIAL (1.00)

Right of Way Fence: Type – Right and Left

CHAINLINK (0.34) | CHAINLINK (0.43) | CHAINLINK (0.88) | TILE (0.92) | CHAINLINK (0.95)

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

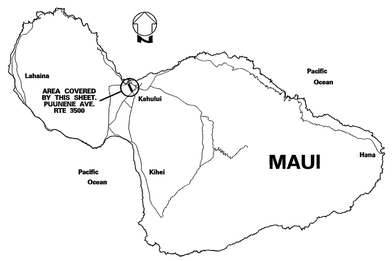
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

S T A T E

Project No., Type of Construction, and Year Constructed

STP–3500(5) 1996 RESURFACE (0.47) | HES–STP–3500(3) 1996 IMPROVEMENT (0.78) | STP–3500(5) 1996 RESURFACE (1.09)

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.

THIRD ST. 0.06 mi.
FOURTH ST. BEGIN DIVIDED 0.09 mi.
KAMEHAMEHA AVE. 0.11 mi.
HOLE'A ST. 0.18 mi.
WAKEA AVE. 0.35 mi.
E. KAUAI ST. 0.46 mi.
KUULA ST. W. KAUAI ST. 0.57 mi.
AIAI ST. 0.72 mi.
PAPA AVE. 0.78 mi.
E. HAWAII ST. W. HAWAII ST. 0.85 mi.
PUUKANI ST. 0.91 mi.
1 MP 0.97 mi.
1.04 mi.

PUUNENE AVENUE

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 390)

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

0 | 1 (1.05) | 2 | 3

Divided Highway – Undivided

Shoulder: Width and Type

2' AC (0.45) | 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

Median: Width and Type

(0.09) 0' – 10' PAINTED (0.28) (0.38) | 11' PAINTED AC (0.55) | 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 (0.46) | 11' AC | 12' AC

Shoulder: Width and Type

2' AC | 2' AC | 4' AC | 4' – 6' AC (0.89) (1.05)

Number of Traffic Lanes

4 – 11' | (L) 1-11' (R) 3-11' | 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' (0.13) | 10' (0.20) (0.24) | (0.41) 11' (0.53) | 11' (0.62) | 10' (0.67) (0.72) | 10' (0.78) | 12' (0.88) | 12' (0.94) (0.97) | 11' (1.04)

(Right Side)

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)

6'–10' CONC. S/W | 4' AC S/W | 4' BITUMINOUS S/W

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

CONC. CURB | CONC. CURB (0.45)

CONC. CURB | B.P. CURB

Protective Devices: Type, Location and Number

(0.17) (0.25) M / M (0.97)

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

(0.19) 4 PHASE TRAFFIC LIGHT (0.46) | 3 PHASE (0.95)

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

(0.46) DOD 680

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

0 | 1 | 2 | 3

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

ROAD INVENTORY

MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

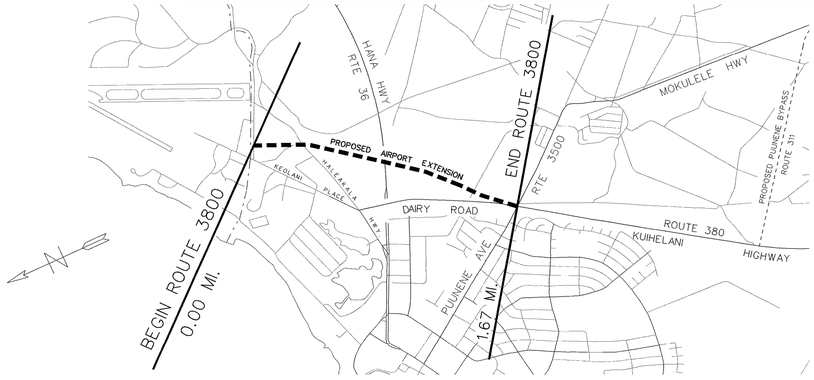
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

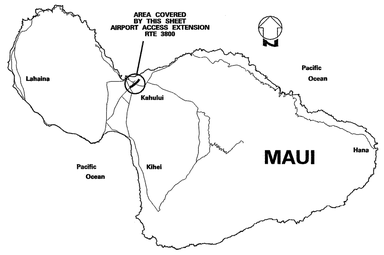
Total Travel Way Length: 0.00 MILES (a+b, less c)
- a. Existing Length: 0.00 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

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

1.67 mi. End Proposed Rte 3800 at the Center-Line Intersection of Kuihelani Hwy and Puunene Ave (Rte 3500)

SCALE: (In Miles) 4" = 1 mile

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

Date Released	
July 2002, DB	
Revised	
FEB., 06	D.B.
Nov., 06	D.B.

45

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

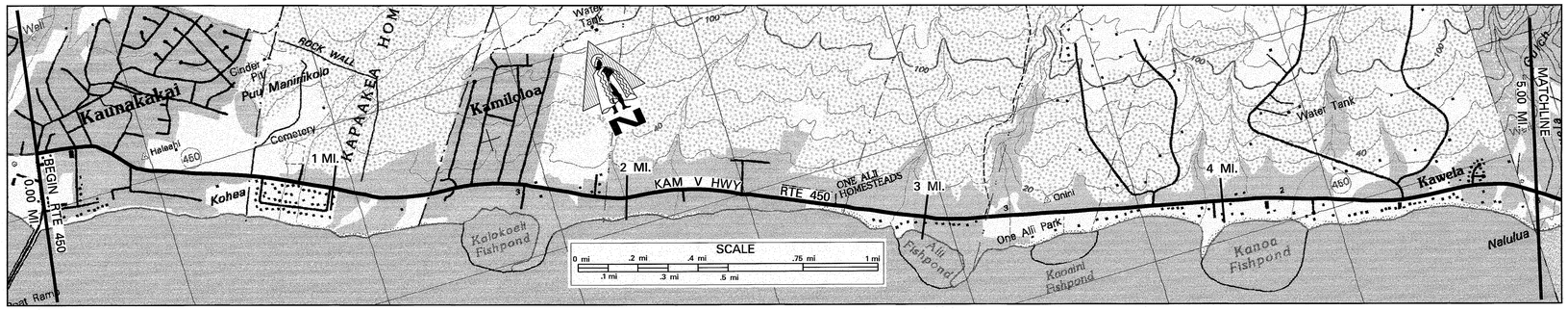
Total Route Length: 27.51 miles

a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

450A (10.13 MI)

Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road.

Structure Carrying Road

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

SLAB 1940 H15 — SLAB 1940 H20

Vertical Clearance

25' — 23'

Horizontal Clearance

26' — 26'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

60' – 80' — 80'

Available Right of Way Width (Needs Study)

RESIDENTIAL AREA — TREES AND BUSHES (FEW HOMES)

Right of Way Fence: Type – Right and Left

WIRE ON WOOD 15' FROM PAVEMENT
WIRE ON WOOD 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

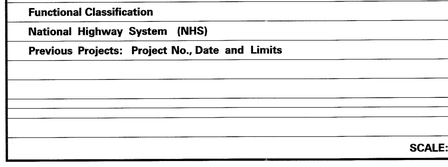
Project No., Type of Construction, and Year Constructed

450AB-01-01M 2001 RESURFACE

STP-0450(7) 1998

STP-0450(6) 1996 RESURFACE

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.

MOHALA ST. 0.02 mi. | KAMOI ST. 0.12 mi. | ALOA ST. 0.18 mi. | OKI PLACE 0.25 mi. | KAUNAKAKAI SCH. 0.28 mi. | ROAD TO "DUKE MALIU" PARK 0.32 mi. | EDUCATION CTR. 0.46 mi. | ALANUI KAIMI IKE 0.69 mi. | CULVERT 0.77 mi. | KAPAAKEA CEMETERY 0.85 mi. | CULVERT 0.89 mi. | KAPAAKEA LOOP 0.89 mi. | KAPAAKEA LOOP 0.90 mi. | CULVERT 1.00 mi. | CULVERT 1.19 mi. | HOTEL ENT. 1.34 mi. | HOTEL ENT. 1.40 mi. | KAMILOLOA PLACE 1.42 mi. | AAHI PLACE 1.47 mi. | CULVERT 1.53 mi. | ILIAHI PLACE 1.56 mi. | CULVERT 1.63 mi. | KAHINANI PLACE 1.63 mi. | OPUA PLACE 1.70 mi. | OHAI ALII PLACE 1.89 mi. | KAMILOLOA BRIDGE 1.99 mi. | PANO PLACE 2.00 mi. | CULVERT 2.39 mi. | KAM V HWY 2.47 mi. | ONEALII PARK #1 3.00 mi. | KAWELA PLANTATION #3 3.33 mi. | MAKAKUPAIA BRIDGE 3.76 mi. | HOOULU PL. 3.94 mi. | PAVED ROAD 4.01 mi. | CULVERT 4.30 mi. | KAMAKANA PLACE 4.59 mi. | 4.66 mi. | 4.84 mi. | 5.00 mi.

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

CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type

6' AC — 4' AC

Pavement: Width and Type

24' AC — 22' AC

Shoulder: Width and Type

6' AC — 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 – 12' — 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)

6' BIF

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number

MERCURY VAPOR — MERCURY VAPOR — 1 MV — 1 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

0 — –1 — +1 — 0 — 0

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

NOT POSTED — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B75 0450 00000 — B75 0450 00134 — B75 0450 00189

HPMS Sections – AADT 2007

5,875 — 4,545 — 1,195

HPMS Sections – AADT 2006

5,813 — 4,500 — 1,182

HPMS Sections – AADT 2005

(5,395) — 5,401 — 4,445 — 2,047

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

HWY-M-02-90 1991 SHOULDER IMPROVEMENT

RS-0450(4) 1988 RESURFACE

450A-01-72 1972 RESURFACE

COUNTY

RS-0450(1) 1979 RESURFACE

FAS 2A 1940

FAS 2A(1) 1938

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec.09	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

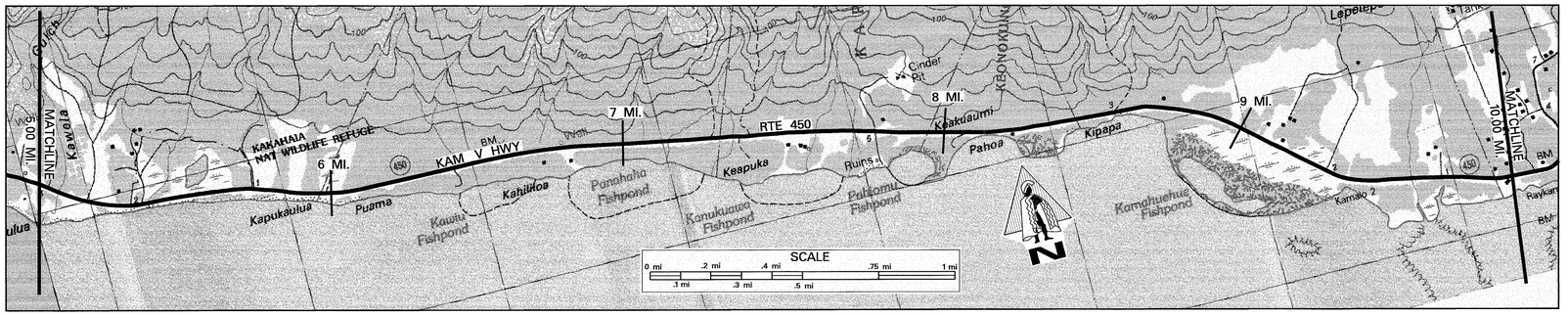
Total Route Length: 27.51 miles

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′ | PRESTRESSED CONCRETE SLAB 1981 HS-20-44 43′

Vertical Clearance

26′ | 28′

Structure Over Road

Horizontal Clearance

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

WIRE ON WOOD 15′ FROM PAVEMENT (5.59) | NONE | (8.15) 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)

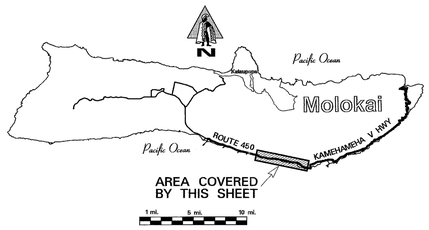
STATE

Project No., Type of Construction, and Year Constructed

450AB–01–01M 2001 RESURFACE (7.17)

Project No., Type of Construction, and Year Constructed

STP–0450(6) 1996 RESURFACE (7.16) | STP–0450(7) 1998 (7.82) STANDARD WORD SIZE



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi.

KAWELA BRIDGE 5.11 mi. | KAWELA PLANTATION #1 5.22 mi. | CULVERT 5.42 mi. | CULVERT 5.52 mi. | ECB (R) 5.75 mi. | CULVERT 6.01 mi. | CULVERT 6.19 mi. | CULVERT 6.46 mi. | CULVERT 7.01 mi. | CULVERT 7.15 mi. | FORD 7.28 mi. | PROJ. MARKER 7.76 mi. | 8.03 mi. | 8.16 mi. | 9.03 mi. | KAMALO BRIDGE 9.65 mi. | CULVERT 9.84 mi. | CULVERT 9.91 mi.

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

4′ AC | 25′-30′ (7.94–7.98) | 8′ (7.98–8.27) | 30′ (8.27–8.42) | 6′ (8.42–8.48) | 30′ (8.48–8.78) | 20′ DIRT (8.78–9.14) | 10′ GRV (9.14–9.38) | 10′

Pavement: Width and Type

22′ AC (7.14) | 20′ AC (7.98–9.84)

Shoulder: Width and Type GRASS UNLESS NOTED

4′ AC (7.14) | 20′ | 10′ | 15′ DIRT (8.03–8.13) | 8′ | 10′ (8.29–8.44) | 15′ | 18′ DIRT (8.77–9.63) | 8′ | 6′ DIRT (9.81–9.84) | 4′ | 10′

Divided Highway

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 11′ (7.14) | 2 – 10′

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

(5.08–5.13) | (6.17–6.21) | (6.44–6.47) | (7.11–7.15) | (7.25–7.28) | (9.63–9.85)

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

5.43 | 0 | 5.63 | 6.89 | –1 | 7.12

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

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

FLAT | (6.14) | ROLLING (6.77–8.52) | FLAT | (8.71) FLAT

Speed: 1–Design, 2–Posted

35 MPH (2) | (6.19) | 45 MPH (MIN. 35 MPH) (2) | (8.73) | 35 MPH (1) 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B75 0450 00189 | (6.46) B75 0450 00522 | B75 0450 00784

HPMS Sections – AADT 2007

1,195 | 1,195 | 1,040

HPMS Sections – AADT 2006

1,182 (5.22) | 1,182 (7.84) | 1,030

HPMS Sections – AADT 2005

2,047 (5.11) | 2,054 (6.76) | 1,121

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)

RS–0450(1) 1979 RESURFACE (7.14) | 450AB–01–89M 1990 RESURFACE

FAS 2A 1940 (7.19) | STA. 380+50 (7.38) S–2(2) 1947 | STA. 430+25 (8.14) STA. 0+00 450AB–01–76M 1976 RESURFACE

FAS 2A(1) 1938 | COUNTY

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

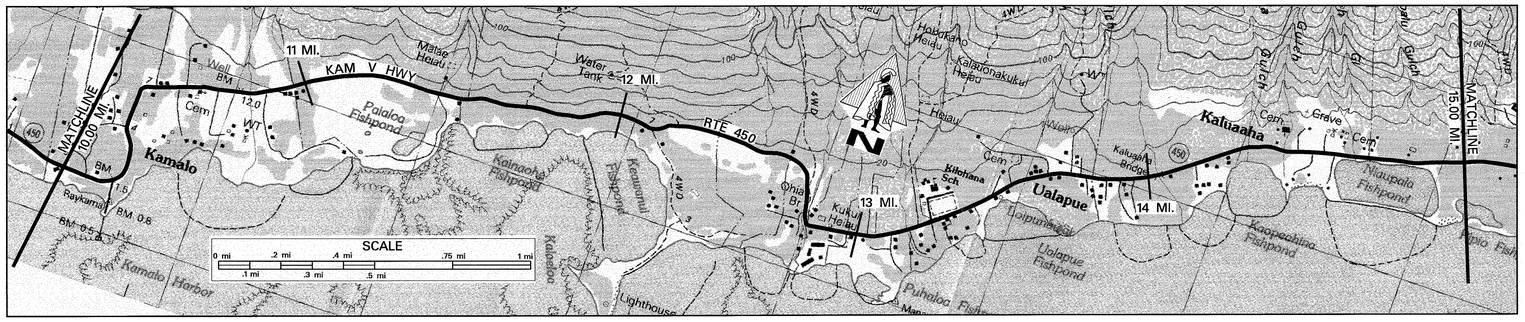
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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' (at 13) — PRE-STRESSED SLAB 1979 HS-20 — 36' (at 14)

Vertical Clearance

18' (at 13) — 21' (at 14)

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 LARGE BUSHES W / SOME HOMES AND OPEN PASTURE

Right of Way Fence: Type – Right and Left

WIRE ON WOOD — WIRE ON METAL CHAIN LINK — WIRE

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

11.98 — NONE — 13.03

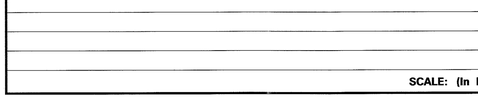
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)

STATE

Project No., Type of Construction, and Year Constructed

450AB–01–01M RESURFACE 2001 — 11.33 — 450B–01–02M RESURFACE 2003

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2 — 10.00 mi.

KAMALO WHARF ROAD 10.02 mi. — 10.15 mi.
FORD 10.84 mi. — 11.02 mi.
CULVERT 12.03 mi. — 12.12 mi.
CULVERT 12.52 mi.
OHIA BRIDGE 12.81 mi.
HAW'N TEL. SUBSTATION 12.93 mi. — 12.98 mi. — 13.01 mi.
Road to WAVECREST RESORTS 13.01 mi.
FORD 13.17 mi.
KILOHANA SCHOOL 13.26 mi.
UALAPUE PLACE 13.43 mi.
KALUAAHA BRIDGE 14.02 mi.
KEALANUI OHINA PL. 14.15 mi.

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) — 10' DIRT (11.04) — 8' (11.18) — 6' (11.33) — 2' – 4' AC (12.39) — 4' AC / 2' GRASS (14.06) — 2' – 4' AC

Pavement: Width and Type

18' AC

Shoulder: Width and Type ALL GRASS UNLESS NOTED

4' – 6' (10.55) — 8' (10.73) — 6' (10.98) — 4' (11.24) — 6' — 2' – 4' AC

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 — 35 MPH (2) — 30 MPH (2) — 13.12 — 20 MPH (SCHOOL ZONE) 13.59 — 20 MPH (SCHOOL ZONE) 14.19 — 14.05 — 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

10.05 B75 0450 00784 — 13.00 B75 0450 01133 — B75 0450 01447

HPMS Sections – AADT 2007

1,040 — 1,145 — 790

HPMS Sections – AADT 2006

11.39 — 1,030 — 1,134 — 14.47 — 781

HPMS Sections – AADT 2005

1,121 (10.15) — 1,136 (10.55) — 1,121 (12.16) — 1,109 (12.84) — 1,100 (13.35) — 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
450AB–01–89 1990 RESURFACE — HWY–M–01–96M 1997 — 14.03 | 14.05 450B–01–94M 1996 RESURFACE — 14.07
450AB–01–76M 1976 RESURFACE — 11.33 — 12.35 450B–01–76M 1976 RESURFACE — 450B–02–88 1988 SHOULDER IMPROVEMENTS — 14.03 | 14.07 450B–01–80M 1980 RESURFACE — 14.35 STP–0450(5) 1994 GUARDRAIL SHDLR. IMPROV.
COUNTY

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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

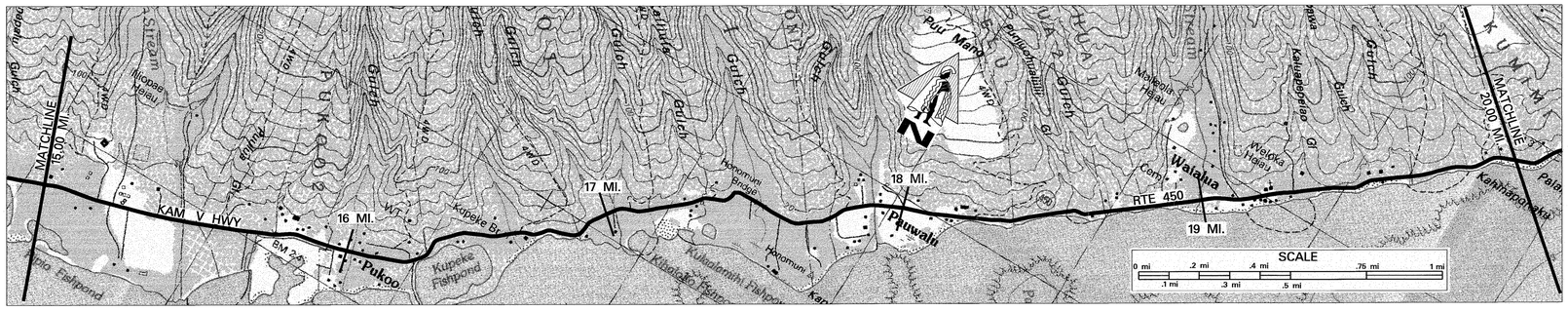
Total Route Length: 27.51 miles

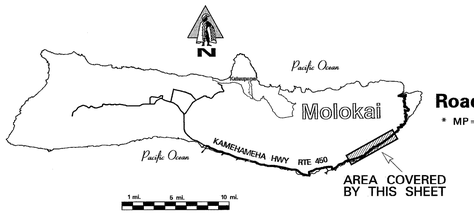
a. Survey Length: 27.51 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





Road Diagram

* MP = Milepost Signage

AREA COVERED BY THIS SHEET

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Maintenance Control Sections : Length and Description

450 B (17.43 MI.)

Structure Carrying Road

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

SLAB 1950 (1968) HS20 — 42′
PRESTRESSED BEAM 1979 HS20 — 25′
PRESTRESSED BEAM 1979 HS20 — 16′
PRESTRESSED CONC. GIRDER 2007, HL-93 — 64′–2″
PRESTRESSED BEAM 1970 HS20 — 103′

Vertical Clearance

Horizontal Clearance

20′ | 21′ | 21′ | 32′ | 26′

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 METAL
W I R E (19.26)

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 (130+00)

Project No., Type of Construction, and Year Constructed

450B–01–02M RESURFACE 2003 (16.53)
450B–01–03M, RESURFACE, 2006 (17.88)
(ER–12(4), BRIDGE REPLACEMENT, 2007) (17.98 – 18.62)
450B–01–03M, RESURFACE, 2006

Project No., Type of Construction, and Year Constructed

450B–01–94M RESURFACE 1996
STP–0450(5) 1994 (18.62)
COUNTY (18.98)
450B–01–88M 1988 (R) (19.66)

CONTINUED FROM SHEET #3

15.00 mi.

MAPULEHU BRIDGE H.V.B. MARKER 'ILI'ILI'OPAE HEAU — 15.03 mi.
BEACH PARK — 15.49 mi.
FORD — 15.70 mi.
KUPEKE BRIDGE — 16.07 mi. / 16.06 mi.
CULVERT — 16.65 mi.
HONOMUNI BRIDGE — 17.05 mi. / 17.01 mi.
KAWAIKAPU BRIDGE — 17.47 mi.
WAIALUA BRIDGE — 17.91 mi. / 18.02 mi.
— 19.00 mi. / 19.03 mi.

KAMEHAMEHA V HIGHWAY (136+40)

15 MP | 16 MP | 17 MP | 18 MP | 19 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′ – 4′ AC (16.08 – 18.62)
4′ – 6″ GRASS (18.62 – 18.81)
0′ (18.81 – 18.90)
6′ GRASS (18.90 – 19.40)
0′ (19.40 – 19.66)
2′ – 6′ AC (19.66 –)

Pavement: Width and Type

18′ AC (15.00 – 16.08)
16′ AC (16.08 – 18.62)
14′ BST (18.62 – 19.26)
14′ BP (19.26 – 19.66)
14′ – 18′ AC (19.66 –)

Shoulder: Width and Type

2′ – 4′ AC (16.08 – 18.62)
6″ GRS (18.62 – 18.70)
0′ (18.70 – 18.82)
6′ – 8′ GRASS (18.82 – 19.39)
0′ (19.39 – 19.40)
6″ GRS (19.40 – 19.55)
2′ – 6′ AC (19.55 –)

Divided Highway — Median

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2–9′ (15.00 – 16.08)
2–7′ (16.08 – 16.21)
2 – 8′ (16.21 – 18.66)
2 – 7′ (18.66 – 19.66)
2 – (7′–9′) (19.66 –)

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)

N O N E

Sidewalk: Width and Type (Right and Left)

N O N E

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

N O N E

Protective Devices: Type, Location and Number METAL ON METAL

15.47 – 15.50 | 15.51 – 15.61
16.03 – 16.05 | 16.05 – 16.08
17.48 – 17.71 | 17.71 – 17.85
17.91 – 17.95
18.99 – 19.06

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

F L A T (1) (15.00 – 16.00)
ROLLING (1) (16.00 – 16.29)
FLAT (1) (16.29 – 16.40)
ROLLING (1) (16.40 – 18.62)

Speed: 1–Design, 2–Posted

30 MPH (2) (15.00 – 16.29)
20 MPH (1) (16.29 – 16.40)
30 MPH (2) (16.40 – 18.62)
10 MPH (1) (18.62 – 19.66)
20 MPH (1) (19.66 –)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

15.49 B75 0450 01447
17.47 B75 0450 01665
B75 0450 01966 (19.90)

HPMS Sections – AADT 2007

790 | 425 | 425 | 425

HPMS Sections – AADT 2006

781 (16.65) | 425 (18.47) | 418 (19.66) | 418

HPMS Sections – AADT 2005

594 | 577 (18.43) | 594 (16.90) | 422 (17.40) | 418 (18.05) | 426 | 422 (19.65)

DOD Sections

Census Tracts

Functional Classification

MAJOR COLLECTOR (7)

National Highway System (NHS)

NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

450B–01–03M, RESURFACE, 2006 (18.62)
450B–01–94M 1996 RESURFACE (16.53 – 18.62)
STP–0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS (19.06)
450B–01–80M 1980 RESURFACE (15.00 – 16.21)
450B–01–81M 1981 RESURFACE (16.21 – 18.66)
450B–01–87M 1987 RESURFACE (19.66)
COUNTY

SCALE: (In Miles) 4" = 1 mile

15 | 16 | 17 | 18 | 19 | 20

Date Released
Oct 2004 GN
Revised
Nov., 06 D.B.
Feb., 08 D.B.

ROAD INVENTORY

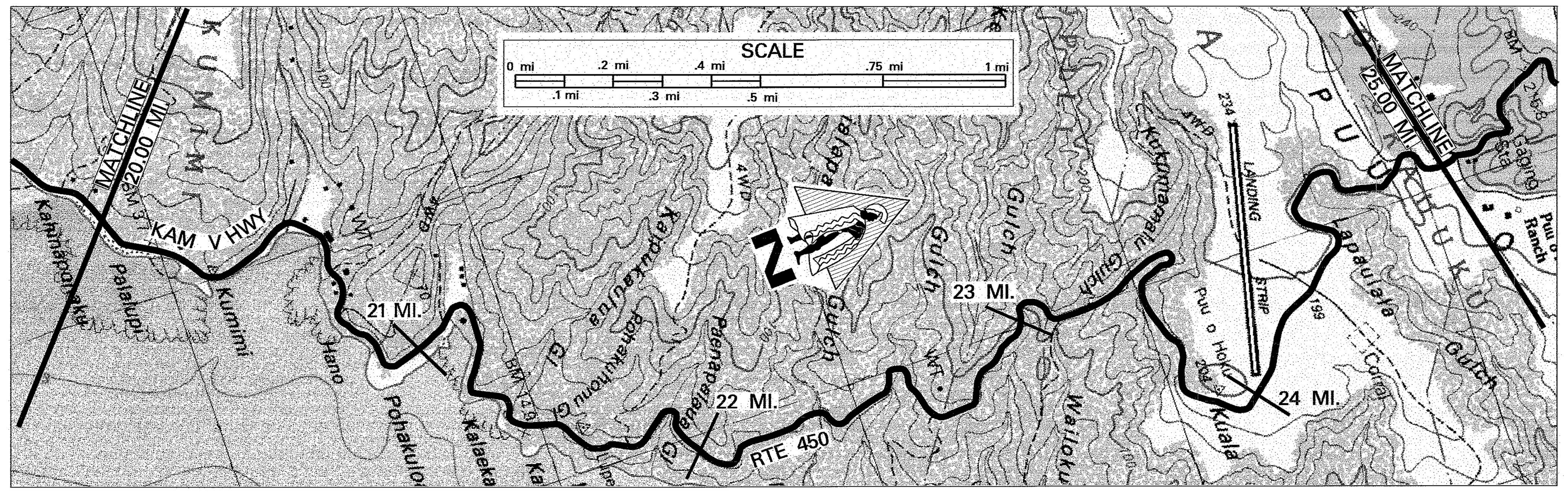
MOLOKAI RTE 450
KAMEHAMEHA V HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

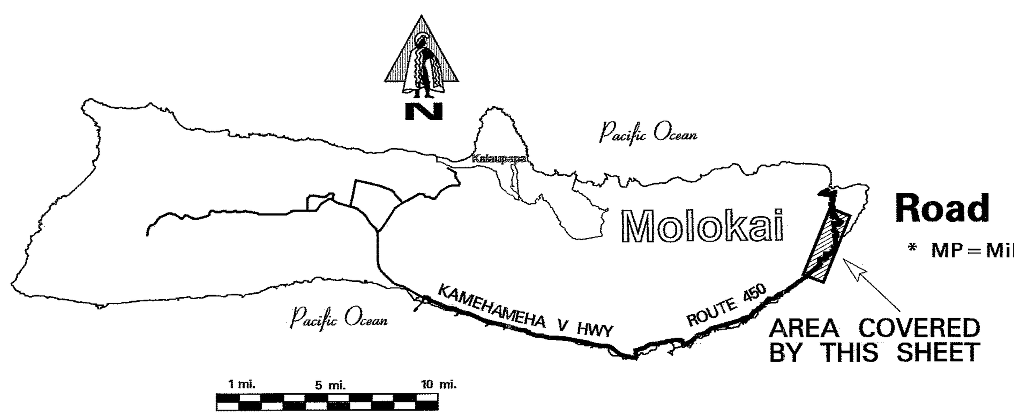
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 — 20 | 21 | 22 | 23 | 24 | 25

Item	20.00 – 25.00 mi.
Maintenance Control Sections: Length and Description	450B (17.43 MI.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	56' CULVERT 1960 HS20; 16' TIMBER STRINGER 2008, HS-20
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	12'; 13'
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES BUSHES AND SOME OPEN PASTURE
Right of Way Fence: Type – Right and Left	21.55 – WOOD POST W/WIRE 10'–15' FROM PAVEMENT – 23.72 – WOOD ON WIRE 10'–15' 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)	(420+00) (0+00) S T A T E
Project No., Type of Construction, and Year Constructed	21.09 – 21.18 –(450B–01–05M, Bridge Replacement, 2008); 22.04 – 450B–01–05M, Resurface, 2008
Project No., Type of Construction, and Year Constructed	450B–01–03M, RESURFACE, 2006 – 22.04 – 450B–01–88M RESURFACE 1988; (450B–01–92M (R) 1993) — 24.96



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #4 — 20.00 mi.

KAMEHAMEHA V HIGHWAY

- 20 MP — 20.10 mi.
- HONOULIWAI BR. (3 ARCH CULVERT) — 20.53 mi.
- 21 MP — 21.12 mi.
- HONOULIMALOO BR. (373+10) — 21.15 mi.
- CULVERT — 22.57 mi.
- CULVERT — 23.03 mi.
- 23 MP — 23.04 mi.
- 24 MP — 24.03 mi.
- BRANT FIELD — 24.24 mi.
- RANCH ROAD (139+70) — 24.94 mi.
- 25 MP — 24.96 mi.

25.00 mi. CONTINUES ON SHEET #6

SCALE: (In Miles) 4" = 1 mile — 20 | 21 | 22 | 23 | 24 | 25

Item	20.00 – 25.00 mi.
Undivided — Shoulder: Width and Type	2' – 6' AC; 24.96 → (2' AC)
Undivided — Pavement: Width and Type	14' – 18' AC; 24.96 → (14' AC)
Undivided — Shoulder: Width and Type	2' – 6' AC; 24.96 → (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 – (7' – 9'); 24.96 → (2–7')
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)	N O N E
Curb and/or Gutter: Type (Right and Left)	N O N E
Protective Devices: Type, Location and Number	PORTABLE CONC. BARRIER 20.01 – 20.10; M/M 21.14, 21.17
Illumination: Type, Location and Number	N O N E
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 – 20.20 – MOUNTAINOUS / F L A T – 21.50 – MOUNTAINOUS
Speed: 1–Design, 2–Posted	10 MPH (1) – 21.93; 20 MPH (2) – 22.04 – 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0450 01966; → (B75 0450 02494)
HPMS Sections – AADT 2007	425 – 24.96 → (405)
HPMS Sections – AADT 2006	418 – 24.94 – 400
HPMS Sections – AADT 2005	422 – 23.85 – 422 – 24.95 → (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	450B–01–88M RESURFACE 1988 – 24.96; 450B–01–87M 1987 RESURFACE; COUNTY

SCALE: (In Miles) 4" = 1 mile — 20 | 21 | 22 | 23 | 24 | 25

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

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

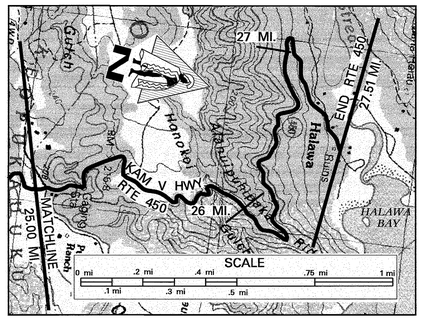
Total Route Length: 27.51 miles

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

N O N E

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

S T A T E | 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 | FORD | ROAD TO CHURCH | PARK ROAD

KAMEHAMEHA V HIGHWAY

26 MP | 27 MP

25.08 mi. | 25.75 mi. | 25.98 mi. | 26.97 mi. | 27.46 mi. | 27.40 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

Divided Highway

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)

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)

N O N E

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

N O N E

Protective Devices: Type, Location and Number

25.04 | (CRM) ROCK WALL | M/M | 26.09 | 26.15 | M/M | 28.85 | 27.01 | 27.02 | M/M | 27.14

Illumination: Type, Location and Number

N O N E

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

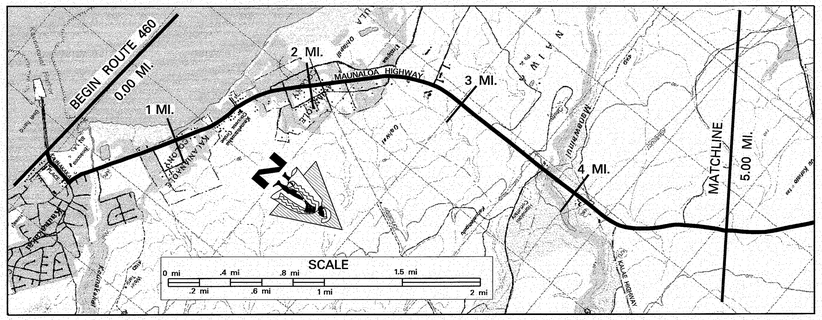
Total Route Length: 16.56 miles

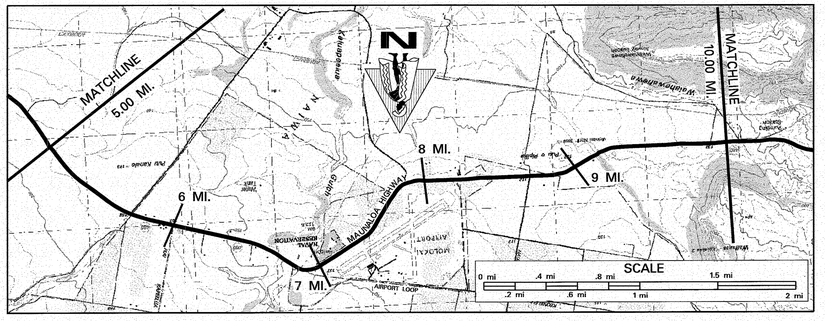
a. Survey Length: 16.56 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

460A (16.56 mi.)

Begin 460A Same As Begin Rte 460

Structure Carrying Road

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

Culvert 1959 (1971) HS–20 | Slab 1954 H–20 | Prestressed Conc. Girder 1988, HS–20–44

Vertical Clearance

Horizontal Clearance

Structure and Rte

Vertical Clearance

Horizontal Clearance

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

Residential Area | 1000' Clear – Grass, Bushes 10'–15' from Pavement | 1000' Clear Pineapple 15'–25' from Pavement | Ranch and Pasture | Airport 30' | Clear 1000' Pineapple/Grass Pasture

Available Right of Way Width (Needs Study)

Right of Way Fence: Type – Right and Left

Wire on Wood 10' from Pavement | 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

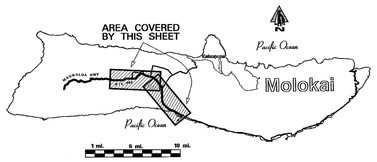
460A–01–06M, RESURFACE, 2009 | STP–0460(12), Resurface, 1998

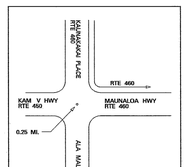
Project No., Type of Construction, and Year Constructed

STP–0460(11), 1997

Road Diagram

* MP = Milepost Signage



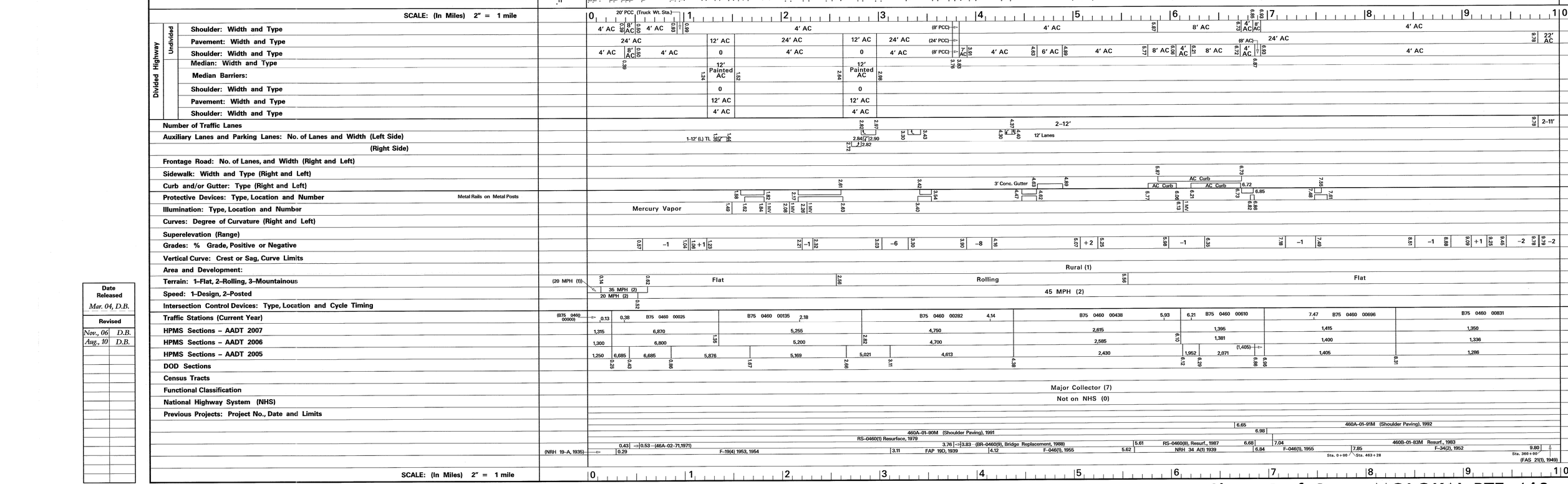


BEGIN RTE 460 ON KAUNAKAKAI PLACE AT THE "MOLE" (SURVEY MONUMENT) ON THE BEGINNING OF KAUNAKAKAI WHARF.

Pollution Control Road | Paved Road to Land Fill | Paved Rd. Water Tank (L) | Manawainui Br. Road to Cemetery | Paved Rd. | Kaiae Hwy (Rte 470) Del Monte Corp. Rd. | MAUNALOA HIGHWAY | Culvert | Puupeelua Ave (Rte 480) | Airport Loop (Rte 485) – Airport – | Huelani Rd. Culvert | Laiana St. (Airport Loop Rte 485) | Road | Project Mkr.: S–21(1)

Manila Pl. | County Baseyard | State Baseyard | Ala Malama Jct. | Hua Pl. | Begin & End St. Hwy. Signs | Begin Ford | End Ford | Begin "Truck Weight Sta." | Olivelo Pl. | Kamehameha V Hwy. Begin Divided | Kamehameha V Hwy. End Divided | Kaiakahinalii Rd. (L) | Begin Divided Rd. to Church (R) | End Divided Rd. to Church (R) | Begin Paved Rd. Kalaeloa Ave | Begin Divided Rd. Kalaeloa Ave | End Divided Rd. Kalaeloa Ave | Kalaeloa Ave | Kahanu Ave | Lehua Ave | Kalamauila Br. #3 | Kalamauila Br. #2 | Kalamauila Br. #1 | Kalamauila Br. #4 | Paved Road (R) | End Divided | Begin Divided | Kahiwa St. (R)

KAUNAKAKAI PLACE



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 — 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:

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

Speed: 1–Design, 2–Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

DOD Sections

Census Tracts

Functional Classification

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

Date Released
Mar. 04, D.B.

Revised	
Nov., 06	D.B.
Aug., 10	D.B.

CONTINUED ON SHEET #2

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

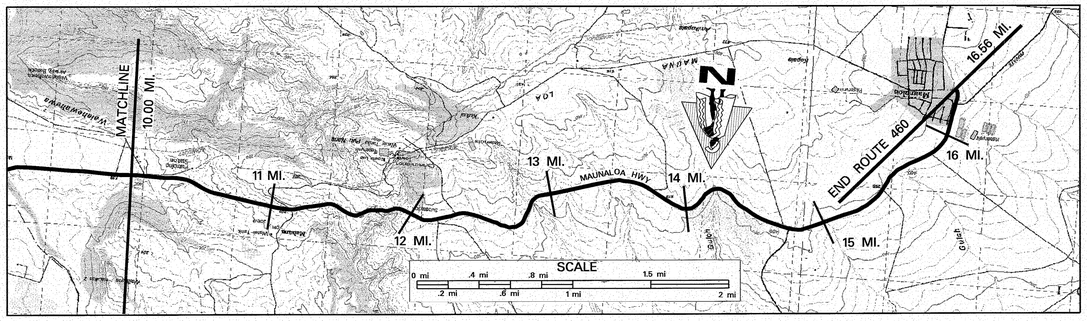
Total Route Length: 16.56 miles

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 17 18 19 20

Maintenance Control Sections : Length and Description

460 A (16.56 mi.) | End 460 A same as end Rte 460

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: Wire on Wood 20'–30' from Pavement (10.28 – 13.99) | Wire on Wood 20'–30' from Pavement (– 2.19)

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 (10.99 – 11.01) | 460A–01–91M, Shldr. Paving, 1992 (– 14.56) | RS–0900(24), Resurface, 1986

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

Culvert | Culvert | Kulakoi Resort ECB #19 | End Divided Kaʻ Ana St. | Begin Divided

MAUNALOA HWY

MP 11 | MP 12 | MP 13 | MP 14 | MP 15 | MP 16 | MP 17

10.83 mi. | 10.96 mi. | 11.13 mi. | 11.97 mi. | 12.93 mi. | 14.01 mi. | 14.87 mi. 14.94 mi. 14.91 mi. | 16.00 mi. | 16.23 mi. | 16.40 mi. | 16.56 mi.

END RTE 460 ON MAUNALOA HIGHWAY AT THE CENTERLINE MONUMENT OF THE WAILELE VILLAGE ENTRANCE "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 (10.53 – 10.97)

Pavement: Width and Type: 8' AC (10.97 – 14.95) | 4' AC (14.95 – 15.50) | 10' (15.50 – 15.60) | 8' (15.60 – 15.68) | 15' (15.68 – 16.00) | 10' (16.00 – 16.08) | 8' (16.08 – 16.16) | 9'–15' (16.16 – 16.23) | 14' (16.23 – 16.44)

Median: Width and Type: 22' AC (14.95 – 15.50) | 4' AC (15.50 – 15.60) | 10' (15.60 – 15.68) | 8' (15.68 – 15.73) | 15' (15.73 – 15.82) | 10' (15.82 – 15.90) | 8' (15.90 – 16.00) | 9'–15' (16.00 – 16.09) | 14' (16.09 – 16.23) | (12' Painted AC) (16.23 – 16.44)

Median Barriers:

Shoulder: Width and Type: 11' AC (16.09 – 16.23) | 0 (16.23 – 16.44) | 14' Grass (16.23 – 16.40)

Pavement: Width and Type: 22' AC (16.40 – 16.56) | (14') (9'–14' Grv.) (16.40 – 16.56) | (15') (16.44 – 16.56)

Shoulder: Width and Type: 0 (16.40 – 16.56) | (9'–14' Grv.) (16.44 – 16.56) | (15') (16.44 – 16.56)

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 otherwise noted; 3' Gutter (12.00 – 12.20)

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)

Grades: % Grade, Positive or Negative: –2 (10.16 – 10.24) | –6 (10.24 – 10.47) | –6 (10.72 – 11.18) | –8 (11.27 – 11.48) | –5 (11.83 – 11.95) | –3 (13.11 – 13.32) | +1 (13.87 – 14.05) | –2 (14.48 – 14.58) | +2 (14.77 – 14.89) | –1 (15.25 – 15.40) | –2 (16.39 – 16.50)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (10.21 – 10.72) | Rolling (10.72 – 14.95) | Flat (14.95 – 16.27)

Speed: 1–Design, 2–Posted: 45 MPH (2) | (45 MPH (2)) (16.27 – 16.37) | 20 MPH (2) | (35 MPH (2)) (16.37 – 16.56)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0460 00831 (10.96) | 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 (10.27 – 10.83) | 1,093 (10.83 – 11.13) | 1,093 (11.13 – 12.93) | 1,056 (12.93 – 14.94) | 1,211 (14.94 – 15.26) | 873 (15.26 – 15.60) | 979 (15.60 – 16.28) | 828 (16.28 – 16.56)

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) (10.83 – 11.56) | (460A–01–71, 1971) (11.56 – 11.86) | (460A–01–71, Resurface, 1971) (11.99 – 12.20) | 460B–01–83M, Resurface, 1983 (10.83 – 11.56) | 460A–01–91M, Shldr. Paving, 1992 (12.20 – 14.95) | RS–0900(24), Resurface, 1986 (12.20 – 14.95) | FAS 21(1), 1949 (14.95 – 16.56)

SCALE: (In Miles) 2" = 1 mile

10 11 12 13 14 15 16 17 18 19 20

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

ROAD INVENTORY

MOLOKAI RTE 465
AIRPORT LOOP

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

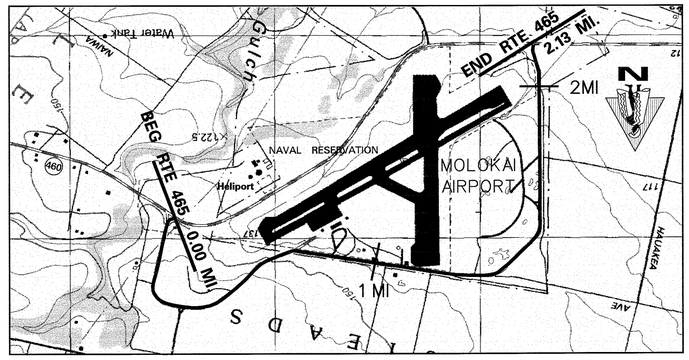
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

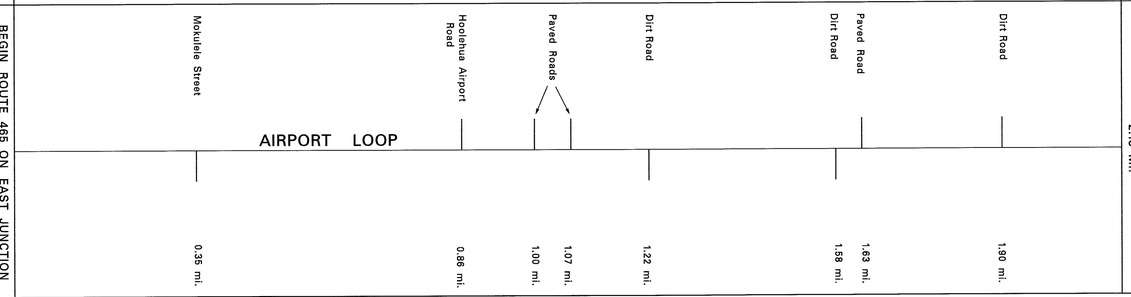
Project No., Type of Construction, and Year Constructed

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.

END RTE 465 ON WEST JUNCTION OF AIRPORT LOOP (LAUNUI ST.) AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 2.13 MI.

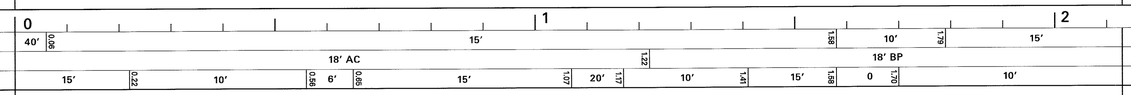


SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type — Dirt / Grass
- Pavement: Width and Type
- Shoulder: Width and Type — Dirt / Grass

Divided
- 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

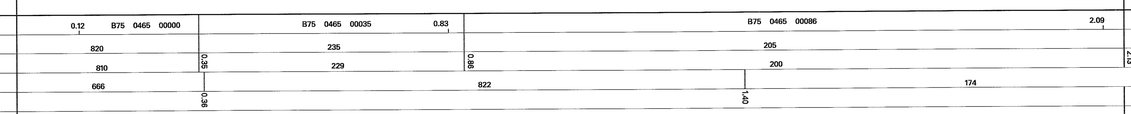
Area and Development: Rural (1)

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)



HPMS Sections – AADT 2007

HPMS Sections – AADT 2006

HPMS Sections – AADT 2005

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.
Dec. 09 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

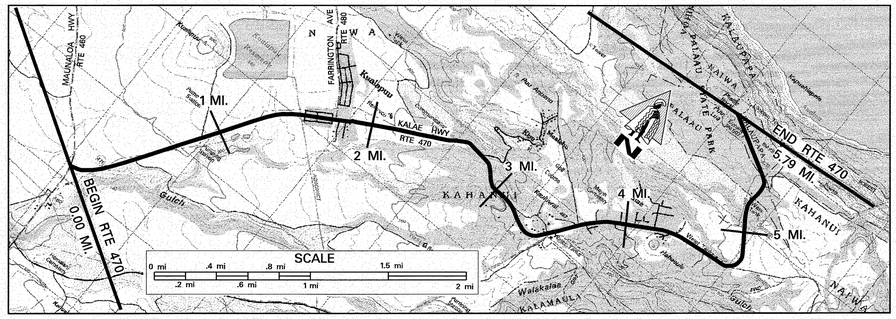
Total Route Length: 5.79 miles

a. Survey Length: 5.79 miles

b. Proposed Length: 0.00 miles

c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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' | 60' – 70' | 60' – 130'

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

1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT | RES. AREA | 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 | WIRE ON WOOD 10' – 25' 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

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 | RS-0900 (24) 1986 RESURFACE | RS-0470(3) 1982 RESURFACE | 470A-01-92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 470 ON KALAE HIGHWAY AT HE NORTHEAST EDGE OF PAVEMENT WITH MAUNALOA HIGHWAY (ROUTE 460).

0.00 MI.

CULVERT 0.02 mi. | ROAD TRACTOR XING 0.40 mi. | KALAE HIGHWAY | TRACTOR XING 1.00 mi. 0.87 mi. 0.84 mi. | N. KIAPA ST. 1.47 mi. | N. NONI ST. 1.64 mi. 1.75 mi. | (LAUHIKI PL.) ROAD (R) FARRINGTON AVE PROJECT 480 MARKER & 2 MP 1.78 mi. | S. KIAPA ST 1.56 mi. | S. NONI ST. 1.76 mi. | MICROWAVE COMM. STATION 2.51 mi. | CULVERT 2.88 mi. 2.76 mi. | KPU ROAD (GOLF COURSE) 3.11 mi. | HIGHWAY | ROAD TO WATER TANK 3.47 mi. | RD. TO SUGAR MILL MOLOKAI MUSEUM) 3.81 mi. 3.75 mi. 3.70 mi. | KALAE HOUSING IRONWOOD HILLS GOLF COURSE 4.08 mi. 4.06 mi. | NANIKAI PLACE 4.29 mi. | KALAMA ROAD 4.18 mi. | KAHI PL. 4.08 mi. | R.W. MEYER LTD. ROAD TANK 4.74 mi. 4.68 mi. | RD TO PALAAU DRIVEWAY 5.10 mi. | PARK RD TO CAMP AREA 5.33 mi. 5.24 mi. | PAVILION 5.51 mi. | PARKING AREA 5.66 mi. 5.62 mi. | 5.79 MI.

END ROUTE 470 ON KALAE HIGHWAY AT THE CENTERLINE MONUMENT AT THE NEW KALAUPAPA LOOKOUT PARKING LOT.

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway — Undivided

Shoulder: Width and Type

6' AC | 8' AC | 6' AC | 6' GRAVEL | 6' AC

Pavement: Width and Type

24' AC | 18' AC | 20' AC

Shoulder: Width and Type

6' AC | 8' AC | 6' AC | 8' GRAVEL | 6' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes

2 – 12' | 2 – 9' | 2 – 10'

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)

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 M/V

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative +6 | +4 | +2 | +8 | –1 | +7 | +8 | –4 | +4

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

RURAL (1)

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

FLAT (1) | ROLLING

Speed: 1–Design, 2–Posted

35 MPH (2) | 45 MPH (1) | 30 MPH (1) 35 MPH (2) | 25 MPH (1)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)

B75 0470 00000 | 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 | 200

HPMS Sections – AADT 2005

2,223 | 2,266 | 2,273 | 2,273 | (932) 676 | 676 | 193 | 206 | 112 | 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 | HWY-M-01-82M 1982 | RS-0900(24) 1986

RESURFACE | RESURFACE | RESURFACE

F-047-1(1) 1957, 1958 | WPH – 19B 1936 | COUNTY | REALIGNMENT 1971 S-047(1) & S-047(2) 1970

78+00 | 48+92

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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

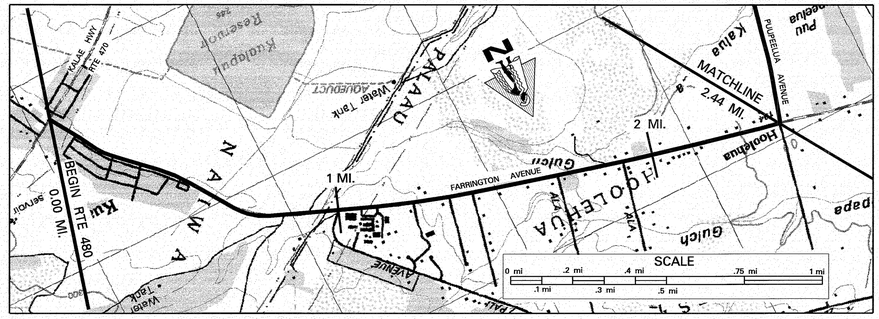
Total Route Length: 3.66 miles

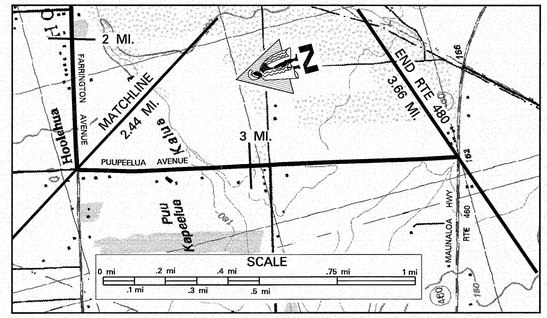
a. Survey Length: 3.66 miles

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 Beneath 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)

0.09 mi. 0.05 mi. HULIA STREET PLANTATION STORE
0.23 mi. 'UWAO STREET
0.33 mi. 'ALAEKEA STREET
0.46 mi. 'EPANE STREET
FARRINGTON AVENUE
0.99 mi. 0.96 mi. LIHIPALI AVENUE 1 MP
1.05 mi. MOLOKAI H.S. PARKING LOT
1.12 mi. H.S. EXIT
1.23 mi. 1.20 mi. FIRE STATION & ARENA PLACE PARKING LOT
1.43 mi. 1.35 mi. LEI KUKUI PLACE
ALA EKOLU STREET BEG MEASURED MILE
1.70 mi. ALA 'ELUA STREET
1.92 mi. ALA 'EKAHI STREET
2.00 mi. 2 MP
2.44 mi. 2.42 mi. END MEASURED MILE
2.50 mi. POST OFFICE ROAD ANGLE POINT OF PUUPEELUA AVE & FARRINGTON AVE.
2.70 mi. MOLOKAI BAPTIST CHURCH
PUUPEELUA AVENUE
3.06 mi. MOOMOMI AVE.
3.65 mi. 3.64 mi. CULVERT 3.65 MP
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

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

Illumination: Type, Location and Number: 1 MV 0.03 | 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 0.35 | 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 3.85

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 0.96 20 MPH (2) 1.26 1.32 | 35 MPH (2) | 3.56 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 0.99 | 2,300 | 1,059 3.06 | 1,300 3.65

HPMS Sections – AADT 2005: 2,308 | 1,273

DOD Sections: 2.44

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 2.45

S–0480–(1) UNIT 1 1965 1.70 | S–0480(1), UNIT 2 1965 | S–1(2) 1947

0+00 64+50

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.

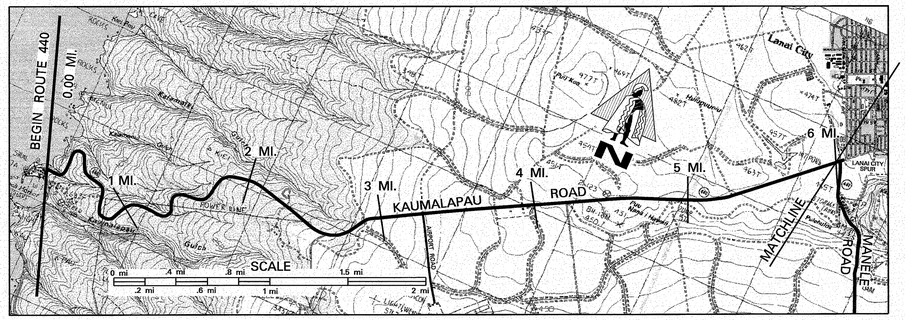
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

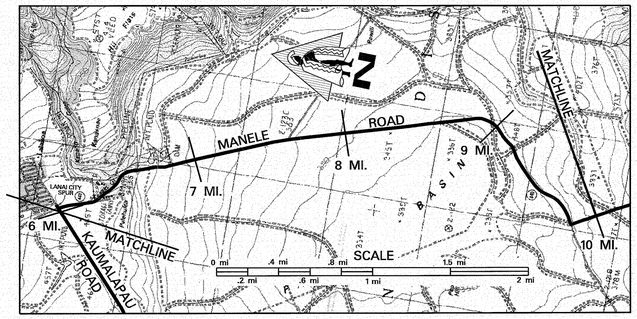
PREPARED BY THE HIGHWAYS PLANNING BRANCH IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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

0 1 2 3 4 5 6 7 8 9 10

Maintenance Control Sections : Length and Description

Beg. 440 A Same as Begin Route | 440A (5.97 mi.) * | *Does not include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below) | End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd. 5.97 | Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy | 440B (7.21 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: 90' – 200' (1.83) | 80' – 130' (3.33) | 100' (5.02) | 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

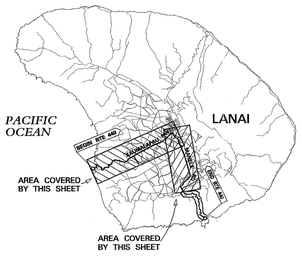
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (440A–01–92M, (R), 1992)

Project No., Type of Construction, and Year Constructed: (440A–01–99M, Resurf, 2000) 0.02 | 117+00 2.20 STATE 440A–01–03M, Resurf, 2005 3.15 | 161+00 3.05 HWY – M – 02 – 97M, Shldr. Paving, 1998 | 207+00 4.00 440A–01–02M, (R) 2003 | 440A–01–01M, (R), 2004 4.89 | 259+00 440A–01–96M, 1997 | 310+60 440A–01–07M, Resurf., 2008 5.97 | 0+00 STP – 0440(6) Resurf. Worksite #1 1996 | 32+50 440B–01–04M, Resurf., 2005 6.50 | 440B 01 – 98M 1999 (Resurf.) 7.05 | STATE 440B – 02 – 98M, R, '99 7.98 | 193+50 STP–0440 (5), 1995 (Resurfacing & Improvements) 8.44 | 7+00 (440B–01–04M, Resurf., 2005) 9.74 | 9.98

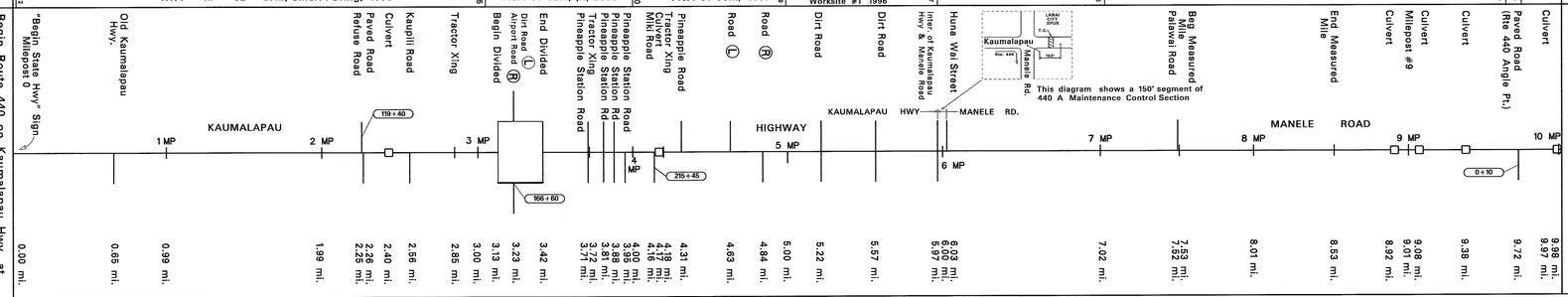
Project No., Type of Construction, and Year Constructed



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.



CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

Divided Highway

Undivided
- Shoulder: Width and Type: ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED
- Pavement: Width and Type
- Shoulder: Width and Type: ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED

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

6' AC | 6' GRV | 6' AC | 24' AC | 6' AC | 6' GRV | 6' AC | 12' AC | 0 | 12' PAINTED AC | 0 | 12' AC | 6' AC | 24' AC | 6' GRV | 25' | 18' | 25' | 6' – 10' | 25' | 2' AC | 4' GRS/GRV | 25' Grass / 25' Dirt | 20' AC | 2' AC | 8'GRV | 15' | 12' | 25' | 6' – 10' | 25' | 4' GRS/GRV | 8' | 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: NONE

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 | ROLLING | FLAT

Speed: 1–Design, 2–Posted: 30 MPH (2) | 45 MPH (2) | 45 MPH (2) | 20 MPH (2) | 35 MPH (2) | 20 MPH (2) | 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B76 0440 00000 | B76 0440 00323 | B76 0440 00597 | B76 0440 00656 | (B76 0440 00972)

HPMS Sections – AADT 2007: 165 | 890 | 2,365 | 1,220 | 810

HPMS Sections – AADT 2006: 160 | 877 | 2,342 | 1,204 | 800

HPMS Sections – AADT 2005: 153 | 200 | 1,264 | 1,026 | 1,026 | 1,998 | 1,998 | 1,447 | 778

DOD Sections

Census Tracts: COUNTY

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 | 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 | 3.41 | 3.42 440A–01–96M, 1997 | 4.99 | STP–0440(6) Resurf. Worksite #1 1996 | 440B–01–88M (R) 1987 | 6.61 | STP–0440(5) 1995 (Resurfacing & Improvements) | 440A–01–78M Resurf. 1979 | 1.52 | (440–A–01–81M Imprv. 1981) | 3.06 | RS–0440(3) Resurf. 1987 | 5.97 | 6.20 | COUNTY | 440A 02 81 Imprv. 1981 | 0.89 | 2.79 | 2.89 | 3.20 | 440A–01–73 Resurf. 1975 | S–0440(1) 1959, '60 | STA. 310+73.91 | 5.94

SCALE: (In Miles) 2" = 1 mile

0 1 2 3 4 5 6 7 8 9 10

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

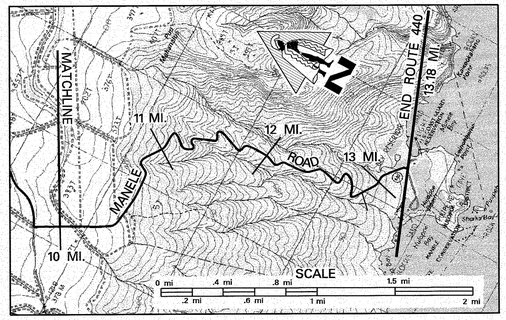
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

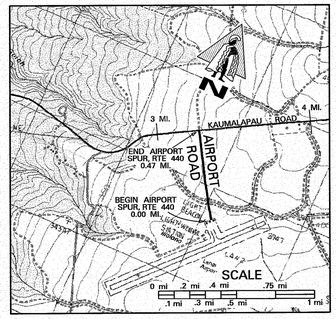
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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 _____



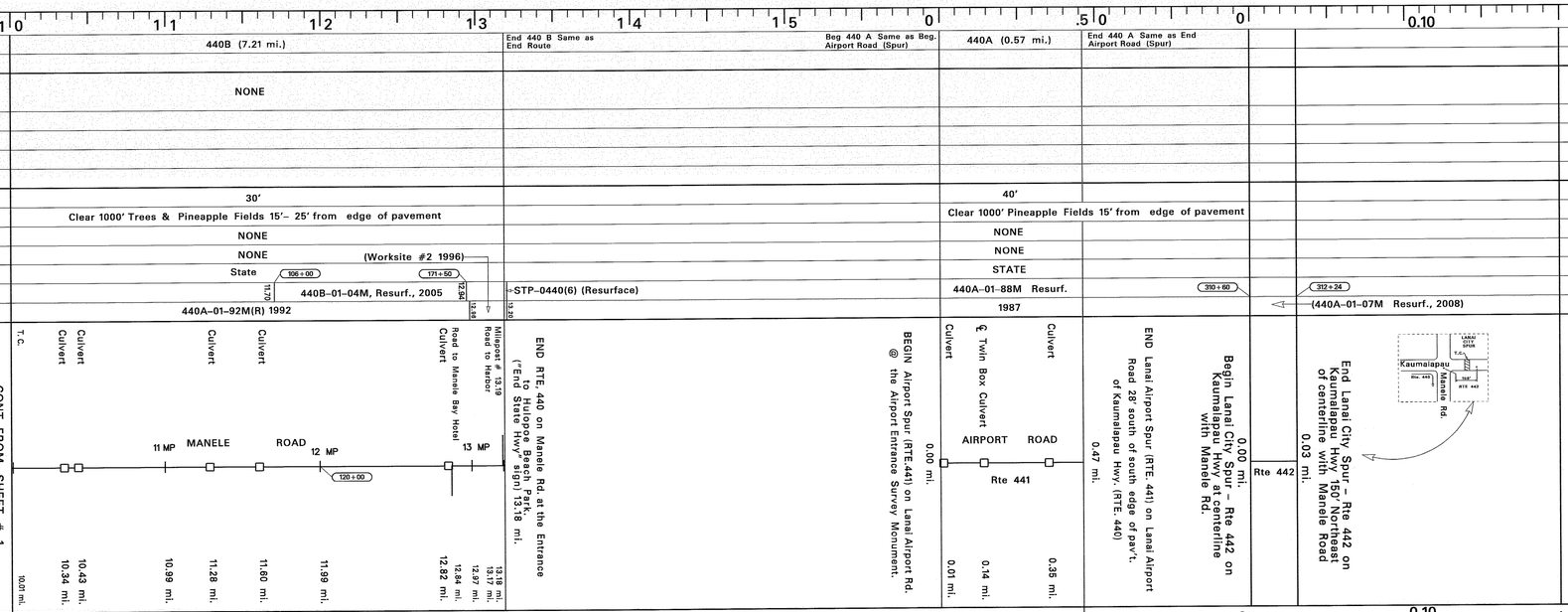


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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'
Available Right of Way Width (Needs Study)		Clear 1000' Trees & Pineapple Fields 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 (Worksite #2 1996)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State
Project No., Type of Construction, and Year Constructed		440B–01–04M, Resurf., 2005
Project No., Type of Construction, and Year Constructed		440A–01–92M(R) 1992

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
	Pavement: Width and Type	
	Shoulder: Width and Type	ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED
Divided Highway	Median: Width and Type	
	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)		2–11'
	(Right Side)	1–13'
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)		
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		FLAT MOUNTAINOUS FLAT
Speed: 1–Design, 2–Posted		35 MPH (2) 25 MPH (2) (Not Posted)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B76 0440 00972 B76 0440 01059 B76 0440 01176 B76 0440 01282
HPMS Sections – AADT 2007		810 610 610
HPMS Sections – AADT 2006		800 800 600 600
HPMS Sections – AADT 2005		778 582
DOD Sections		
Census Tracts		COUNTY
Functional Classification		MAJOR COLLECTOR (7)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		440A – 01 – 92M(R) 1992
		440B – 01 – 82M(R) 1982 440B – 01 – 83M(R) 1983

SCALE: (In Miles) 2" = 1 mile

Date Released
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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.

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)
NONE		
		40'
		Clear 1000' Pineapple Fields 15' from edge of pavement
		NONE
		NONE
		STATE
STP–0440(6) (Resurface)		440A–01–88M Resurf.
		1987
	All Gravel	6' 6'
		20' AC
	All Gravel	4' 3'
		2–10'
		NONE
		NONE
		NONE
		RURAL (1)
	NOT POSTED	FLAT 15 MPH (2)
		0.15 B76 0441 00000 645 636 636
		MAJOR COLLECTOR (7)
		NOT ON NHS (0)
		S – 0440(1)
		1959

		0.10
		(312+24)
		(440A–01–07M Resurf., 2008)
		310+60
		0.02
		B76 0442 00000
		3,085 3,050 3,050
		(RURAL (1))
		(MAJOR COLLECTOR (7))
		(NOT ON NHS (0))