STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

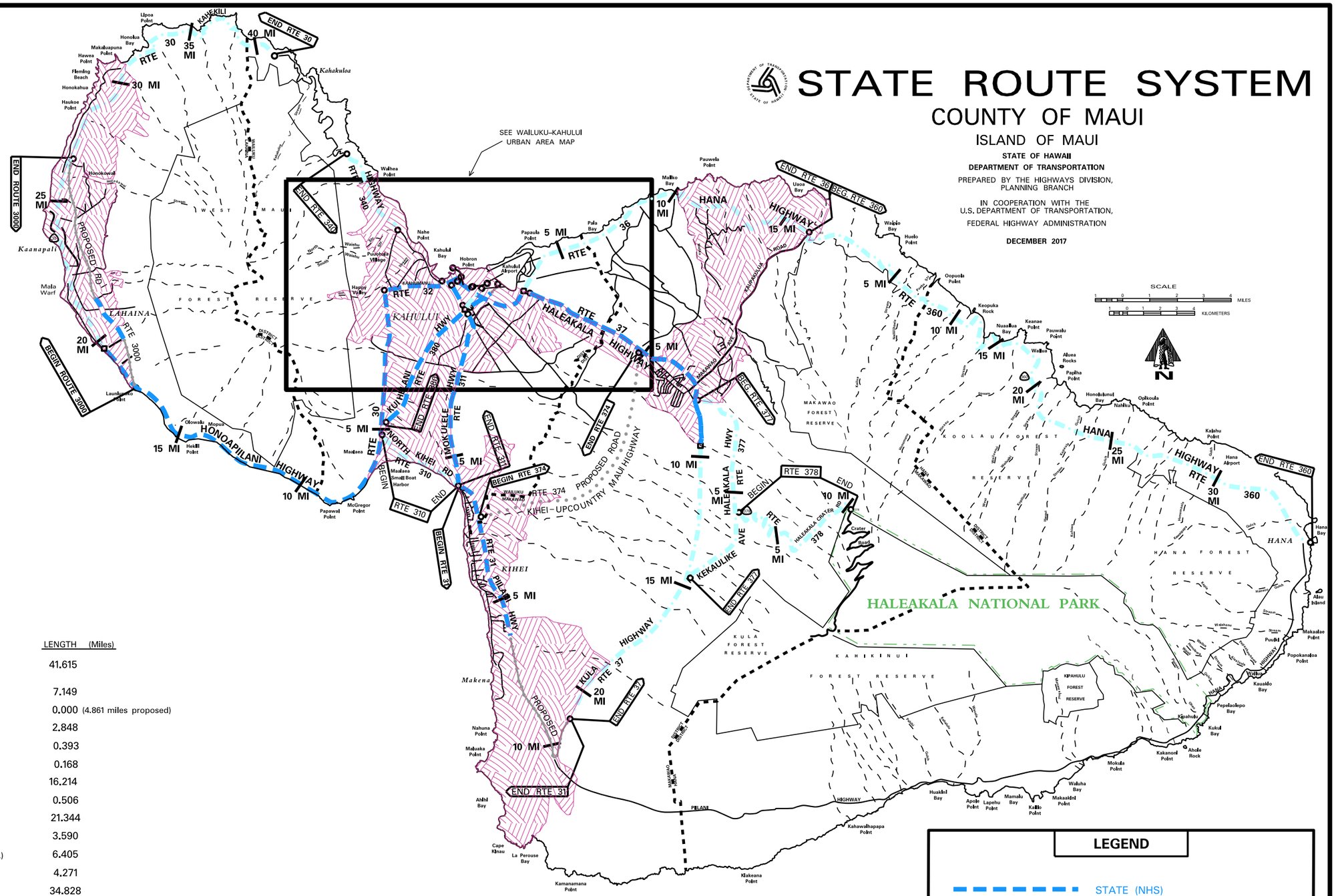
STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION,
PLANNING BRANCH

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

DECEMBER 2017



MAUI:

	ROUTE		LENGTH (Miles)
*	30	(High St., Honoapiilani Hwy., Kahekili Hwy.)	41.615
*	31	(Piilani Hwy.)	7.149
*	31	(Piilani Hwy. extension)	0.000 (4.861 miles proposed)
*	32	(Main St., Kaahumanu Ave.)	2.848
*	32A	(Hobron Ave.)	0.393
*	32B	(Wharf St.)	0.168
*	36	(Hana Hwy.)	16.214
*	36A	(Haleakala Hwy., Keolani Pl.)	0.506
*	37	(Haleakala Hwy., Kula Hwy.)	21.344
*	310	(North Kihei Rd.)	3.590
*	311	(Puunene Ave. Mokulele Hwy.)	6.405
*	340	(Kahekili Hwy.)	4.271
*	360	(Hana Hwy., Keawa Pl.)	34.828
	374	(Kihei–Upcountry Maui Hwy)	0.000 (9.80 mi. proposed No SLD)
*	377	(Haleakala Hwy., Kekaulike Ave.)	9.137
*	378	(Haleakala Crater Rd.)	10.099
*	380	(Dairy Road, Kuihelani Hwy.)	6.171
*	3000	(Lahaina Bypass)	2.320 (8.37 miles proposed)
*	3400	(Kahului Beach Rd., Waiehu Beach Rd.)	2.624
*	3500	(Puunene Ave.)	1.110
	3800		0.850 (1.67 miles proposed)

MAUI TOTAL = 171.642

* Please Refer to Hwy System Changes List for Route Changes.

COUNTY OF MAUI:

	LENGTH (Miles)
MAUI	171.642
MOLOKAI	53.484
LANAI	13.665
TOTAL	**238.791**

LEGEND

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

Date Released	
Dec. 2002	JK
Revised	
Jan. 04	DR
Feb. 11	DR
Feb. 12	DR
Feb. 13	EPJ
Dec. 13	EPJ
Dec. 14	EPJ
Jan. 16	EPJ
Dec. 16	EPJ
Feb. 18	DR

STATE ROUTE SYSTEM

COUNTY OF MAUI

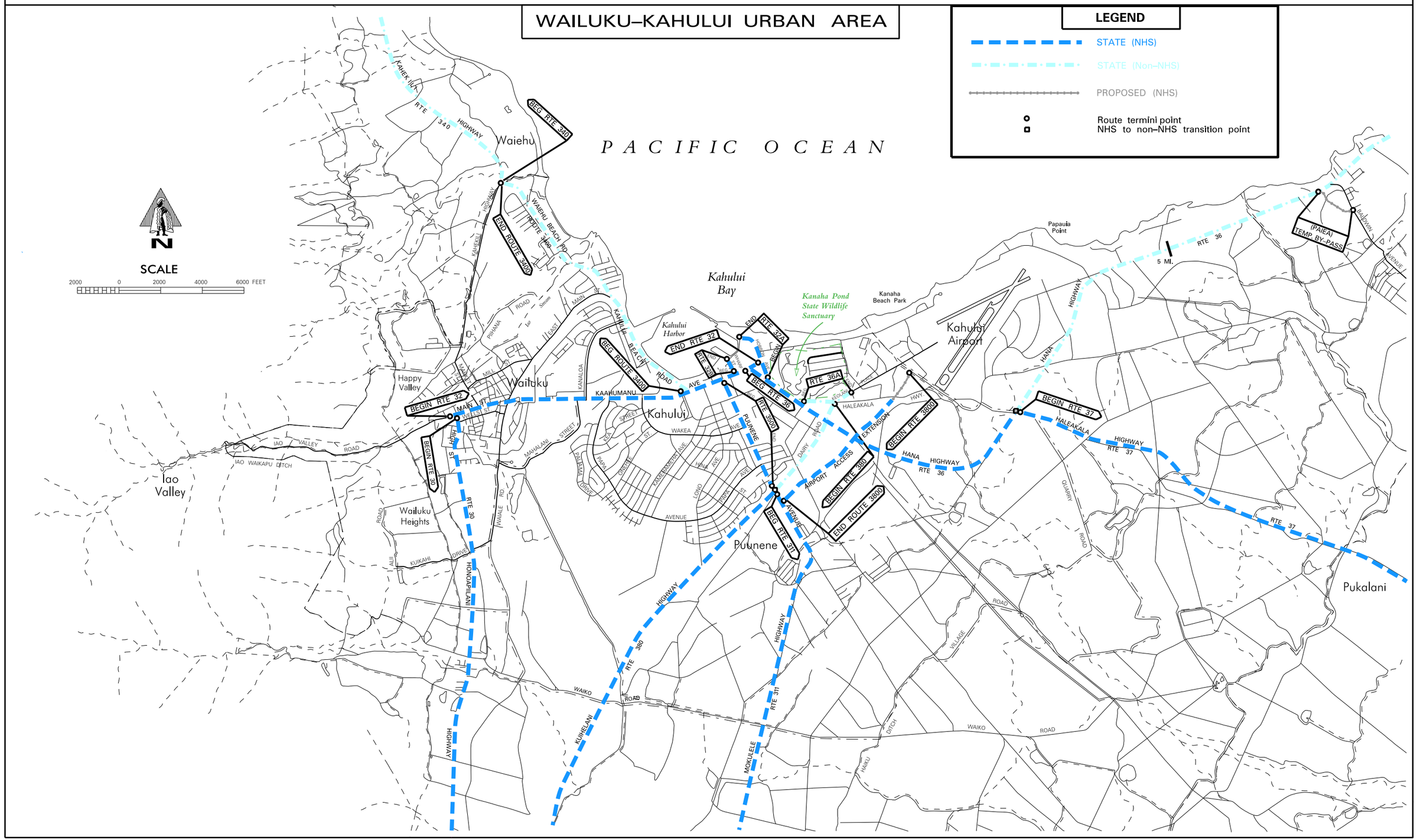
ISLAND OF MAUI

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 2017

WAILUKU–KAHULUI URBAN AREA



Date Released	
Dec. 2002	AK
Revised	
Jan. 04	DB
Feb. 08	DB
Feb. 11	DB
Feb. 12	DB
May 13	EPJ
Dec 14	EPJ
Jan. 16	EPJ
Dec. 16	EPJ
Feb. 18	DB

2

STATE ROUTE SYSTEM

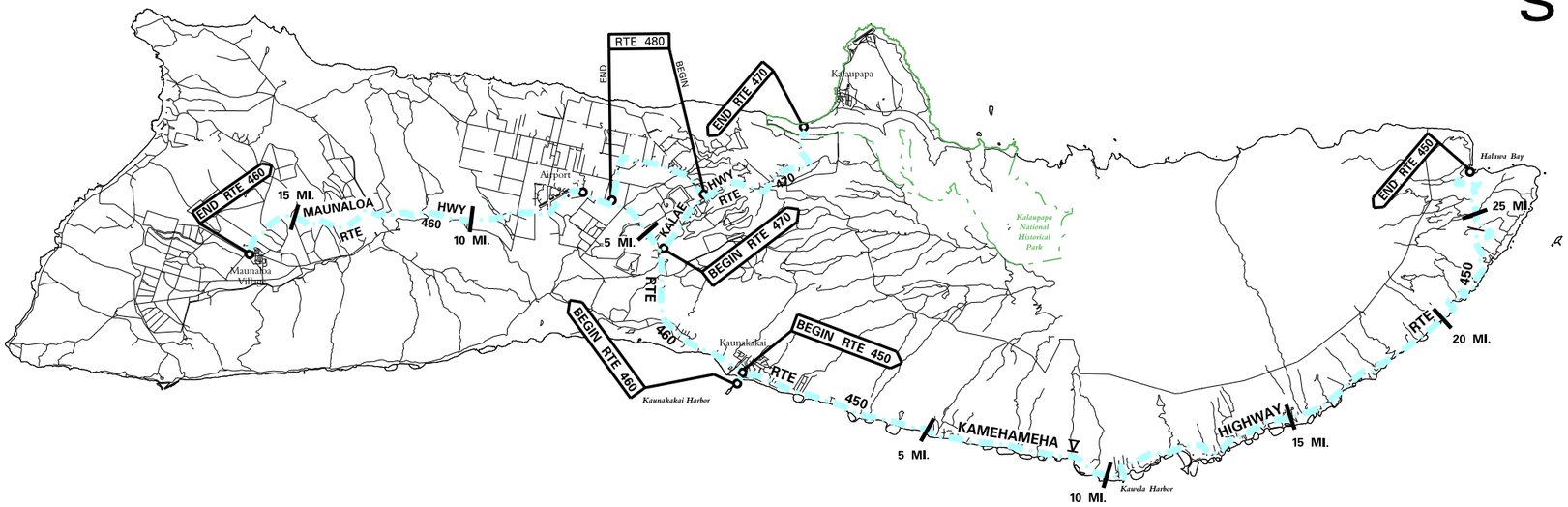
COUNTY OF MAUI

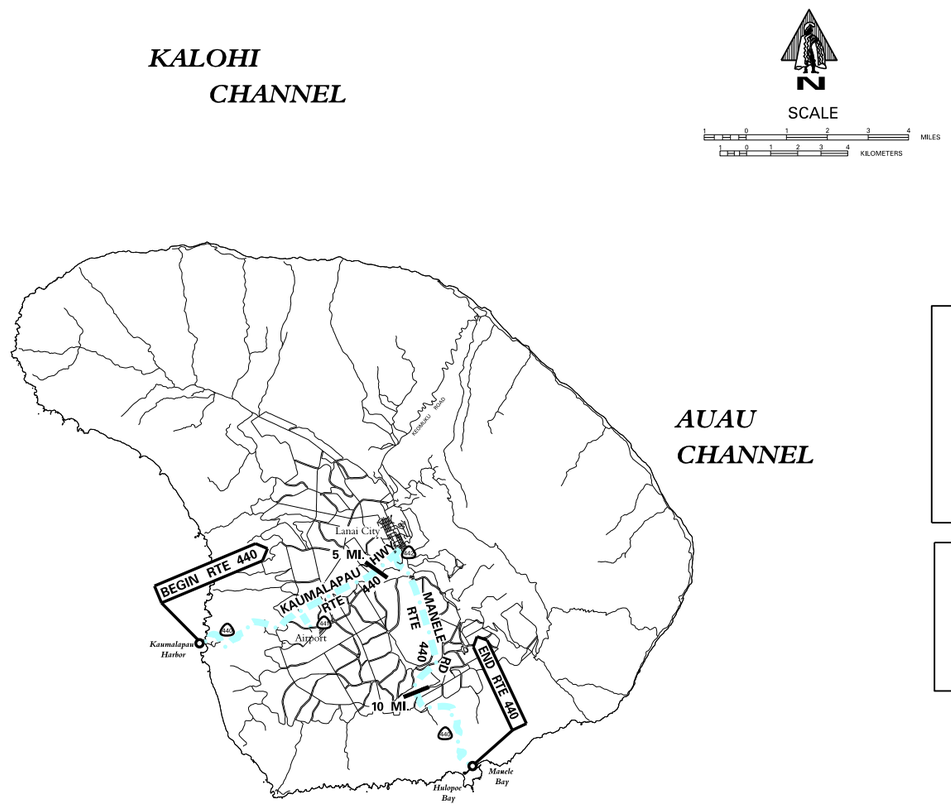
ISLANDS OF MOLOKAI & LANAI

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 2017





ROUTE LENGTH MILES)

MOLOKAI:

*	450	Kamehameha V Highway	27.499
*	460	Kaunakakai Pl. & Maunaloa Hwy.	16.547
*	470	Kalae Highway	5.777
*	480	Farrington Ave & Puupeelua Ave	3.661
		MOLOKAI Total =	**53.484**

LANAI:

*	440	Kaumalapau Hwy & Manele Rd.	**13.168**
*	441	Access Road to Lanai Airport	**0.471**
*	442	Lanai City Spur	**0.026**
		LANAI Total =	**13.665**

* Please Refer to Hwy System Changes List for Route Changes.

LEGEND

STATE (Non-NHS)

Route termini point

Date Released	
Dec. 2002	JK
Revised	
Jun. 04	DB
May. 05	DB
Dec. 09	DB
Feb. 11	DB
Feb. 12	DB
May. 13	ZPJ
Dec. 14	ZPJ
Jun. 16	ZPJ
Dec. 16	ZPJ
Feb. 18	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

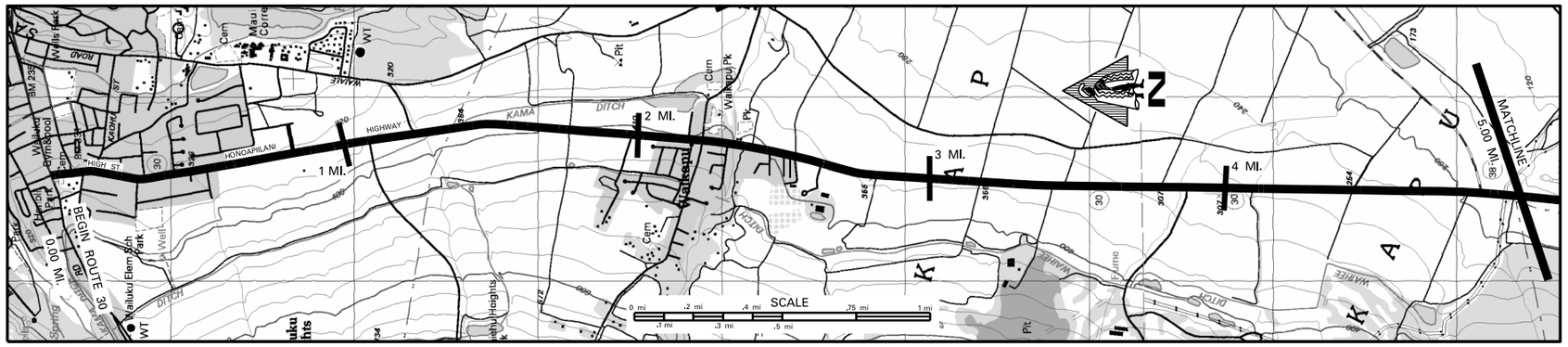
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.615 miles

a. Survey Length: 41.615 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 – BEGIN 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 (2.32); 74' PRE–STRESSED CONC. GIRDER, HS–20–44, 2002 (4.89)
- Vertical Clearance: 39'
- Horizontal Clearance: 24'; 38' N.B., 36' S.B.

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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

Available Right of Way Width (Needs Study): 0.07–0.13 Res. Area; 0.13–0.54 1000' Clear, Sugar Cane Field 15' from E.P.; 2.23–2.47 Res. Area; 2.47–4.57 1000' Clear, Sugar Cane Field 25' from E.P.

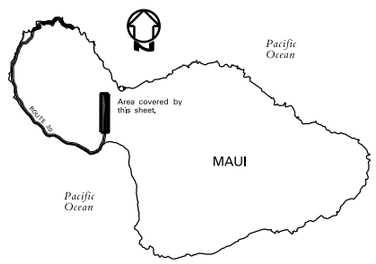
Right of Way Fence: Type – Right and Left: Stone Wall; Pipe Fence; 2.07–2.21 Chain Link; 2.21–2.52 None

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

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

Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF. 2004; 30D–01–05, Resurf., 2006; NH–0900(080), 2014, Preventive Maintenance

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



Indicates Grass & / or Physical Barrier on Median.

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. — S. HIGH ST. — Kaohu St. / Wells St. — End Divided Hwy — Begin Div. Hwy — Kahookele St. — Kaohu Pl. — Begin Divided Hwy — Keanu St. — End Divided Hwy — Kehalani Parkway — Culvert — Kuikahi Dr. — Culvert — End Divided Hwy — HONOAPIILANI — Cane Haul Rd. — Begin Divided Hwy — Piikana St. — Culvert — End Divided Hwy — Waiehu Br. — Waiehu Hwy — End Div. Hwy — E. Waiko Rd. (L) — Waiehu Pl. — W. Waiko Rd. (R) — Olani Pl. — Begin Divided Hwy — Lehuapueo Pl. — Maui Tropical Plantation Rd. — End Divided Hwy — HIGHWAY — Cane Haul Rd. — Rd. to Quarry — Begin Divided Hwy — Rd. to Golf Course — ECB — Culvert — End Divided Hwy — Gravel Road — Begin Divided Hwy — Kulhelani Hwy (Rte 380) — Pohakea Br. — 5.00 mi.

MP: 0, 1, 2, 3, 4

0.010 mi. 0.065 mi. 0.138 mi. 0.323 mi. 0.330 mi. 0.271 mi. 0.418 mi. 0.471 mi. 0.526 mi. 0.770 mi. 0.823 mi. 0.990 mi. 1.034 mi. 1.086 mi. 1.239 mi. 1.261 mi. 1.766 mi. 1.866 mi. 1.979 mi. 1.997 mi. 2.171 mi. 2.217 mi. 2.280 mi. 2.325 mi. 2.451 mi. 2.497 mi. 2.560 mi. 2.627 mi. 2.753 mi. 2.989 mi. 3.412 mi. 3.456 mi. 3.756 mi. 3.866 mi. 3.912 mi. 3.989 mi. 4.072 mi. 4.100 mi. 4.435 mi. 4.668 mi. 4.759 mi. 4.866 mi. 4.959 mi.

CONTINUED ON SHEET 2.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 0; 4'–6' AC; 6' AC (5' AC Bike Ln.); 4' AC/10' Grass; 6' AC; 6' AC; 10' AC
- Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 36' AC; 12' AC; 24' AC
- Shoulder: Width and Type: 0; 0; 0; 4'–6' AC; 0; 4' AC/2' Grass; (6' AC); 0; 6' AC; 6' AC; 0; 6' AC; 0; 4' AC
- Median: Width and Type: 0'–8' Paint; (0'–8' Paint); 0'–12' Paint; 0'–12' Paint; 0'–12' Paint; 0'–12' Paint; (8' Paint); 8'–18' Grass; (32' Grass) (20' Grass) (Double Guardrails)

Divided Highway — Divided

- Shoulder: Width and Type: 0; 0; 0; 0; 0; 4' AC
- Pavement: Width and Type: 14'–10' AC; 12' AC (5' AC Bike Ln.); 12' AC (5' AC Bike Ln.); 12' AC; 12' AC; 24' AC
- Shoulder: Width and Type: 0; 6' AC; 4' AC/2' Grass; 6' AC; 6' AC; 6' AC; 8' AC

Number of Traffic Lanes: 1–12' 1–14'–10'; 2–12'; 2–12'; 4–12'

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; 12' Turn Lanes; 12' Turn Lanes; (Transition Lane 0'–12'); 12' Turn Lane

(Right Side): 12' Turn Lane; 12' Turn Lane

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

Sidewalk: Width and Type (Right and Left): 6' Conc.; 6' Conc. Sidewalks; 5' Conc. Sidewalk; 7' Conc.

Curb and/or Gutter: Type (Right and Left): Conc. Curb; Conc. S.W.; AC Curb; Conc. Curb; C. C.; 2' Conc. C. & G.; 2' Conc. C. & G.; Conc. Sidewalk; 2' C. C. & Gutter; C. C. & Gutter

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

Illumination: Type, Location and Number: MV; 14 HPS

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A; A; C; A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): A; B; A; B; A; C; B; A; B; C; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

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

Traffic Stations (Current Year): B74 0030 00000; (B74 0030 00486)

HPMS Sections – AADT 2016: 14,200; 22,900

HPMS Sections – AADT 2015: 13,756; 13,600; 29,478

HPMS Sections – AADT 2014: N/A; 13,600; N/A

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits:

- STP–0900(50), GUARDRAIL AND SHOULDER IMPROVEMENTS (0.53)
- (NH–030–1(25) R, 1996) (4.96)
- 30C–01–92 M (R) 1993; (RSG–0380(8) Traffic Signals (4.80); (30D–01–82M R, 1982) (4.94)
- HWY–M–02–91M, 1992 (R) (0.54); 30D–01–82M (Resurface) 1982
- County (2.20); (2.30) 199+50; FAP–13G 1936; (4.16) 30BC–01–70, 1970

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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

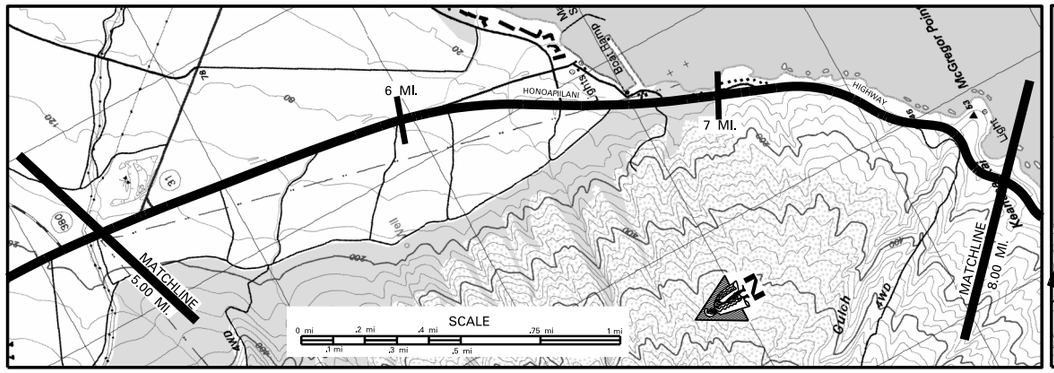
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

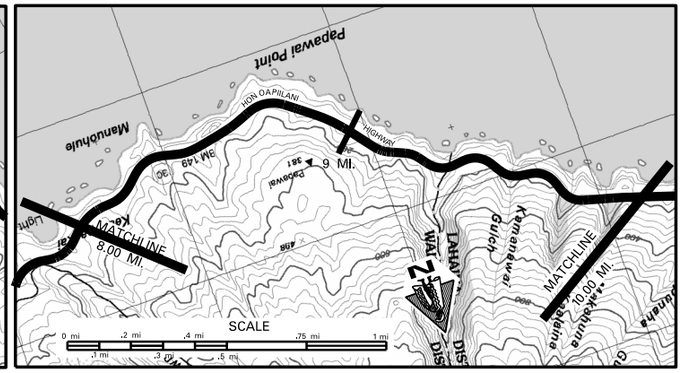
Total Route Length: 41.615 **miles**

a. Survey Length: 41.615 **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' (6.13); 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. (6.25); Residential Area (7.00); Brush and Trees

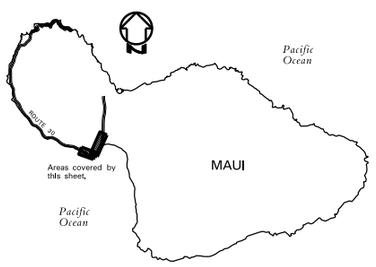
Right of Way Fence: Type – Right and Left: Wire on Wood (5.38); Wire on Wood (6.76); Wire on Wood (7.34); Wire on Wood (7.42); Wire on Wood (7.75); Wire (9.10–9.91); Rock Fall Protection

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 13+75; STP–0900(073),(R),2015; State; 93+00

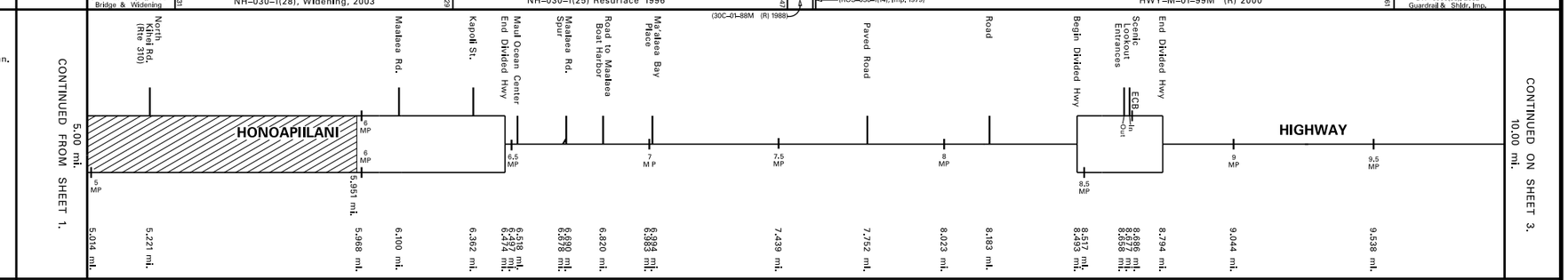
Project No., Type of Construction, and Year Constructed: NH–0900(080), Preventive Maintenance, 2014 (6.25); STP–0900(53), 2002 Guardrail & Shldr. Imp. (6.67); (7.48); (7.57–7.66); (7.73); NH–030–1(047) PAVE. PREV. MAIN. 2014

Project No., Type of Construction, and Year Constructed: BR–NH–030–1(24), 2002 Bridge & Widening (5.31); NH–030–1(28), Widening, 2003 (6.29); NH–030–1(25) Resurface 1996 (7.47); (30C–01–88M) (R) 1988; (ROS–030–1(14), Imp, 1979); HWY–M–01–99M (R) 2000 (9.61); STP–0900(53), 2002 Guardrail & Shldr. Imp.



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



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; 4'–6' AC (6.29); (See Note); 6'–8' AC; 4'–6' AC (8.40); 6'–8' AC (9.00); 8'–10' AC
- Pavement: Width and Type: 24' AC; Shldr Milled Rumble Strip; 36' AC (6.78); Shldr Milled Rumble Strip (7.16); 24' AC; 12' AC; 24' AC
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 4' AC; 0 (6.03); (See Note); 6'–8' AC; 0; 6'–8' AC; 8'–10' AC (9.52)

Divided Highway — Median

- Median: Width and Type: 32' Grass; 22' Grass (5.37); 0–10' Paint (5.951); CL Milled Rumble Strip (6.474); CL Milled Rumble Strip (6.69); (6.74); (6.88); (7.02); (7.74); 0–14' Painted AC (8.493); (8.794)

Divided Highway — Undivided

- Shoulder: Width and Type: 4' AC; 0 (6.03); 0
- Pavement: Width and Type: 24' AC; 12' AC (6.085); 12' AC; 12' AC
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 8'–10' AC; 6'–8' AC (6.37); 6'–8' AC

Number of Traffic Lanes: 4–12'; 2–12' (6.085); 1–12' (6.474); 2–12'

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

(Right Side) (All 12' TLs.): 11' Turn Lane; 11' Merge Lane

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): AC Gutter; 3' Conc. G.; CB

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier

Illumination: Type, Location and Number: 15 HPS (5.29)

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A; D (7.66); C; AC; B; A; C; A; CA; C; D; A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): B; A (6.16); B; A; B; A; B; A; B; A; C; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998); Rural (99999) (7.00)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1); Mountainous (3) (6.70)

Speed: 1–Design, 2–Posted: 45 MPH (2); 45 MPH (2) (.894); 45 MPH (2); 45 MPH (Min. 35 MPH) (2)

Intersection Control Devices: Type, Location and Cycle Timing: (Min. 35 MPH) (2) 3 Phase (.221); (.362); (.574)

Traffic Stations (Current Year): B74 0030 00486; B74 0030 00611 (6.11)

HPMS Sections – AADT 2016: 22,900; 27,000

HPMS Sections – AADT 2015: 29,478; 24,091; 26,500

HPMS Sections – AADT 2014: N/A (5.22); N/A

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

BR–NH–030–1(24),Bridge&Widening,2002 (5.50)

(30C–01–92M) (R) 1993 — 5.03; NH–030–1(25) Resurface 1996 (7.47); (7.57); 30C–01–90M (R) 1990 (7.58); HWY–M–01–99M (R) 2000; (8.50); HES–STP–030–1(20) 1994 (8.88); 30C–01–90M (R) 1990

(30D–01–82M) (R) 1982 — 5.03; 5.21; 30C–01–86M (R) 1986; 30CD–01–84(Shldr. Imprv.) 1985; 6.68; 6.96; 30C–01–88M (R) 1988; 7.56; 8.10; ROS–030–1(14) Safety Imprv. 1979; 8.32; 8.36; LT–M–01–78 (R) 1979; ROS–030–1(12) 1977

FAP – 13G 1936; 6.07; 30BC–01–70 1970; NRH – 13C 1934; 6.40; 30BC–01–71, (R) 1971; 7.27; Resurf 1950; 7.55; NRH – 13D 1935; 30C–01–75M Resurf 1975; 8.14; 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.
Feb. 11	D.B.
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Jan 16	E.P.J.
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Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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Total Route Length: 41.615 miles
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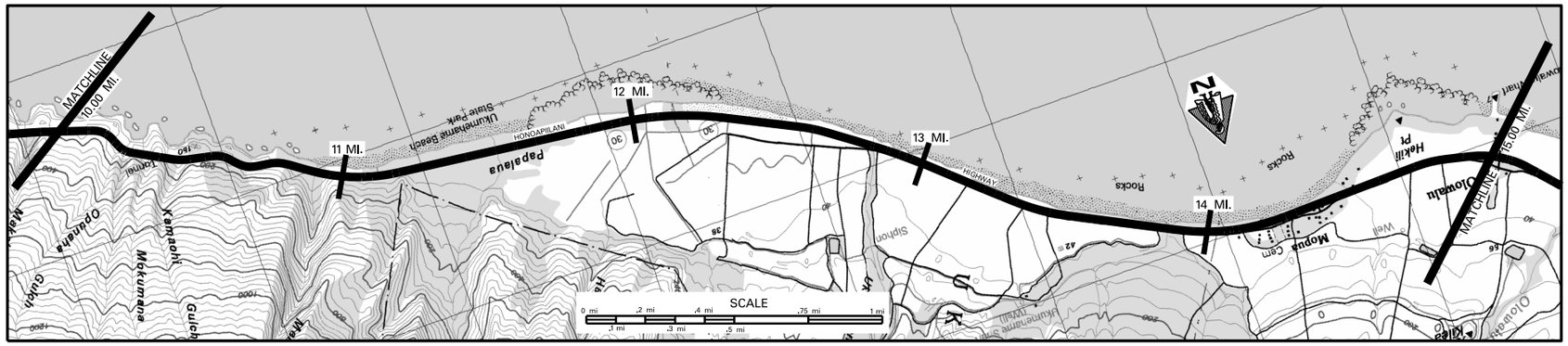
c. Other Length: 0.00 miles



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: Tunnel 1950 (10.34); RC, Flat Slab H20, 1950 (12.82)

Vertical Clearance: 35'

Horizontal Clearance: 44'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies: (120'–490') (10.03); 80'–345' (12.48)

Available Right of Way Width (Needs Study): Brush & Trees; (R) Clear – 40' Canefield (L) Beach (13.96); Trees & Bushes (14.61); Canefield 1000' Clear – 40' from E.P.

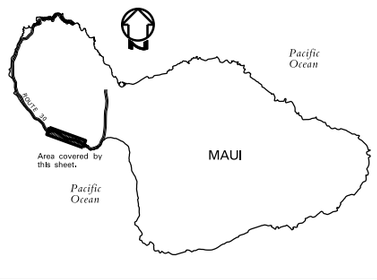
Right of Way Fence: Type – Right and Left: Rock Fall Protection (10.00–11.07); Wire (11.72–11.79)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (NH–030–1(053), Guardrail & Shoulder Improvements, 2016); 109+00 (13.14); 99+00 (13.33); 32+00 (14.62)

Project No., Type of Construction, and Year Constructed: NH–030–1(047) PAVE. PREV. MAIN. 2014; NH–030–1(047) PAVE, PREV, MAIN, 2014; (30C–01–06M, Resurf., 2008)

Project No., Type of Construction, and Year Constructed: STP–0900(53) 2002 Guardrail & Shldr. Imp. (10.40); (STP–0900(52) Bikeway Imp., 2002); HWY–M–01–99M (R), 2000 (11.68); STP–0900(53), Guardrail & Shoulder Improvements, 2002



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 2. 10.00 mi. 10.017 mi. 10.207 mi.

ECB; Begin Tunnel; End Tunnel; ECB; Ukumehame Firing Range; Culvert; Begin Divided Hwy; Tahn. Station 030127 Entrance to Parking Lot Ukumehame Park; ECB (R); Paved Road; Ukumehame Br. End Divided Hwy; Begin Divided Hwy; Ehkahana St. (Private); End Divided Hwy; ECB; Paved Road; Begin Divided Hwy Paved Road; Luaval St.; Begin Divided Hwy End Divided Hwy

HONOAPIILANI HIGHWAY

MP: 10; 10.5; 11; 11.5; 12; 12.5; 13; 13.5; 14; 14.5; 15

10.017 mi. 10.207 mi. 10.325 mi. 10.385 mi. 10.477 mi. 10.928 mi. 10.997 mi. 11.458 mi. 11.703 mi. 11.835 mi. 11.955 mi. 12.162 mi. 12.081 mi. 12.048 mi. 12.497 mi. 12.458 mi. 12.815 mi. 12.786 mi. 12.983 mi. 12.963 mi. 13.175 mi. 13.494 mi. 13.450 mi. 14.017 mi. 13.961 mi. 14.286 mi. 14.431 mi. 14.383 mi. 14.529 mi. 14.498 mi. 14.773 mi. 14.737 mi. 14.977 mi.

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 (10.27); (5' PCC) (10.38); 8'–10' AC (10.94); 18'–20' AC (11.19); 8' AC (11.37); 10' AC (11.71); 4' AC (11.89); 6' AC (14.62); 4' AC/ 6' Grs

Pavement: Width and Type: 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 6'–8' AC (10.27); 8'–10' AC (11.50); 6' AC; 0; 6' AC; 0; 6' AC; 0; 0

Divided Highway

Median: Width and Type: 0'–12' Painted AC (12.786); (12.963); 0'–12' Painted AC (13.450); (14.431); 0'–10' Painted (14.737); (14.773); 0'–10' Painted

Shoulder: Width and Type: 0; 0; 0

Pavement: Width and Type: 12' AC; 12' AC; 12' AC; 12' AC

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

Number of Traffic Lanes: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .086 .271 .004; .441 .875 .388 .497 .770; .327 .756 .067 .175 .431; .487 .625 .433 .529 .886 .322

(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): .091 .381 .263 .301 .324 .384 .444 .699 .756 .764 .901 .119 .151 .301 .352 .699 .871 .928 .146 .502 .556 .590 .799 .854 .908 .197 .273 .301 .331 .727 .785 .839 .849 .140 .217 .262 .335 .437 .481 .487 .509 .594 .669 .881

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier): CB (10.27–10.38); CB (10.94–11.19); .928 .237 (11.50–11.71); .783 .897 (12.786–12.963); CB (13.450–13.494); CB (14.431–14.737); CB (14.773–14.977); Concrete Guardrail – Type 4K

Illumination: Type, Location and Number: .079 .099 .244 .258 .324 .384 .588 .606 .698 .906 .061 .162 .302 .352

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A (10.10); D (10.28); A (10.47); B (10.49); A (10.53); C (10.72); D (10.74); C (10.83); A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): B; C (10.70); (10.95); A (11.08); B (11.42); A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous (3) (10.95); Flat (1) .357 .870 .881

Speed: 1–Design, 2–Posted: 45 MPH (Minimum 35 MPH) (2); 55 MPH (Minimum 45 MPH) (2) .863 .883; 45 MPH (Minimum 35 MPH) (2) .889; (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0030 00611

HPMS Sections – AADT 2016: 27,000

HPMS Sections – AADT 2015: 26,500

HPMS Sections – AADT 2014: N/A (10.38); N/A

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: (NH–030–1(25), (R) 1996) 10.31 10.43; NH–030–1(047) PAVE, PREV, MAIN, 2014; 14.62; (HES–STP–030–1(19)) 14.85; 11.68; HWY–M–01–99M (R), 2000; 30C–01–90M, (R) 1990; 13.81; 30AC–01–87M (R) 1988; 14.61 .69 STP–030–1(21) (R) 1994; LT–M–01–78 (R) 1979 10.40 10.46; ROS–030–1(14) 1979 Safety Improv. 11.25; ROS–030–1(12) 1977 10.48; 11.27; 30C–01–78 (Guardrail & Shldr.) 1981; 30C–01–78 (GR/Shldr., 1981); 30C–01–78 G.R. & Shldr., 1981; 30C–01–75M (R) 1975; 12.81; F–30(3) 1951; 13.78 13.82; 30C–02–72 (R) 1972; (F–30(5) 1953) 10.06 275+00; F–30(3) 1950

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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

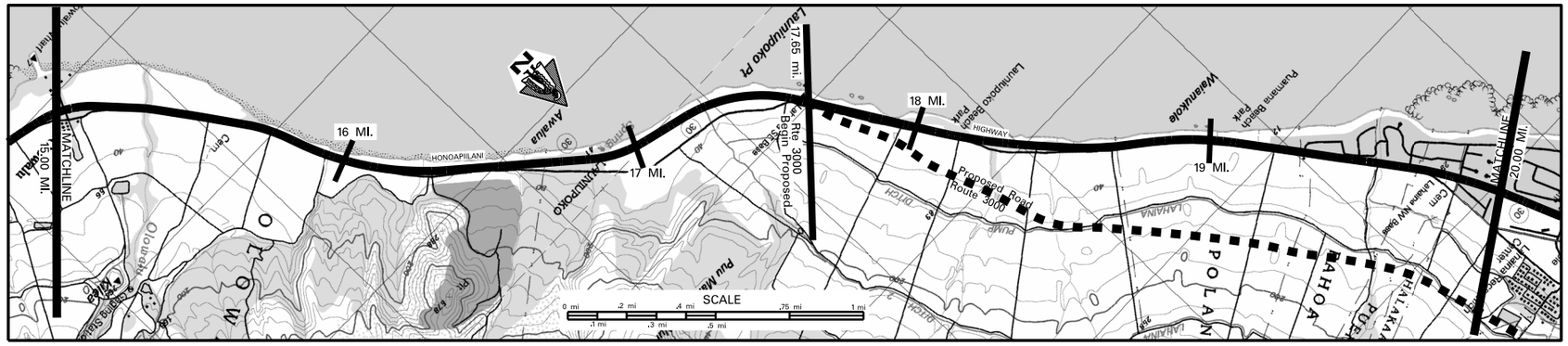
MAUI RTE 30
HONOAPIILANI HWY

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: 41.615 miles
- a. Survey Length: 41.615 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
- 15.31: RC, Flat Slab H15, 1938 — 62'
- 16.62: RC Flat Slab, 1938, H15 — 26'
- 17.26: RC Flat Slab, 1938, H15 — 42'
- 19.69: Conc. Slab, 1971, HS 20 — 27'

Vertical Clearance: 24' | 24' | 24' | 44'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies: 80'–345' (15.24); 70'–80'; 17.94; 76'–280'

Available Right of Way Width (Needs Study): Canefield 1000' Clear – 40' from E.P.; 16.13; Trees & Heavy Bushes; 18.00; (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area

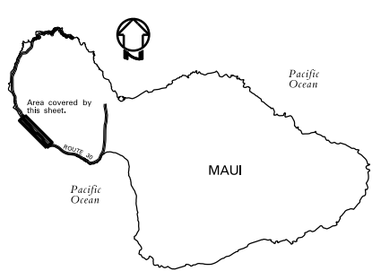
Right of Way Fence: Type – Right and Left: 19.36–19.86 Wood Fence 30' from E.P.

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (STP-030-1(39), Widening, 2011); 155 + 50; 128 + 00; 19.35; 19.40; 19.52; (STP-0900(53) G.R./Shldr., 2002); 19.85

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; 19.14; 19.38; 30ABC-01-97M, R, 1998



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET 3.

15.00 mi. Paved Rd. | 15.034 mi. Olowalu Village Rd. | 15.146 mi. End Divided Hwy | 15.209 mi. Begin Divided Hwy Olowalu Br. "A" | 15.338 mi. 15.309 mi. Road | 15.476 mi. End Divided Hwy | 15.591 mi. 16 MP | 15.981 mi. Begin Divided Hwy | 16.189 mi. Rd. to Refuse Disposal Site | 16.304 mi. 16.292 mi. ECB | End Divided Hwy | 16.475 mi. Olowalu Br. "B" | 16.618 mi. Culvert | 16.834 mi. HONOAPIILANI | 17.256 mi. Launiupoko Br. | 17.381 mi. Culvert | 17.573 mi. Culvert | 17.65 mi. Culvert (Rte 3000) Beg. Proposed Rd. | 17.691 mi. Culvert | 17.784 mi. Culvert | 17.920 mi. Begin Divided Hwy | 17.992 mi. 18 MP | 18.054 mi. Launiupoko Beach Park (L) Kai Hele Ku St. (R) | 18.390 mi. End Divided Hwy | 18.496 mi. Culvert | 18.746 mi. Culvert | 18.894 mi. Bridge | 18.984 mi. 19 MP | 19.114 mi. Entrance to Puamana Beach Park Culvert | 19.169 mi. Begin Divided Hwy | 19.318 mi. Hokiokio Pl. | 19.438 mi. End Divided Hwy | 19.581 mi. 19.570 mi. 19.535 mi. Kauaula Strm. Br. Begin Divided Hwy | 19.680 mi. Front St. | 19.853 mi. Ahole Rd. 19.859 mi. | 19.960 mi. 20 MP | 20.00 mi. CONTINUED ON SHEET 5.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83 mi. to 19.86 mi.): 4' AC/10' Grass | 15.18 6' AC | 8' AC | 6' AC | 15.86 10' AC | 8' AC | 17.87 6' AC | 18.42 8' AC | 18.47 4'–6' AC | 19.45 8' AC | 6' AC

Pavement: Width and Type: 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC (5' AC/10' Dirt) | 12' AC | (24' AC) 12' AC | 11' AC

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83 mi. to 19.86 mi.): 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 6'–8' AC | 0 | 4' AC/10' Dirt | 18.76 6' AC | 19.22 0 | (6'–8' AC) 0

Divided Highway

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: 15.209 | 15.338 | 15.591 | 16.189 | 16.475 | 17.920 | 18.390 | 18.938 | 19.438 | 19.570 | 12' Raised Trees & Shrubs w/ Curbs | 19.859

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 | 12' AC | 22' AC

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

Number of Traffic Lanes: 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 15.34 10' T.L.s | 15.78 | 15.98 10' T.L.s | 16.40 | 16.94 11' T.L. | 17.97 | 18.42 10' T.L.s | 19.44 | 19.83 | 19.86 | 19.89 | 19.91 | 19.95

(Right Side)

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

Sidewalk: Width and Type (Right and Left): 19.86 (5' Conc. S.W.)

Curb and/or Gutter: Type (Right and Left): 15.37 | 15.46 | 15.61 | 15.70 | 15.73 | 15.83 | 15.93 | 15.95 | 15.96 | 16.26 | 16.38 | 16.54 | 16.73 | 16.85 | 16.87 | 16.97 | 17.04 | 17.22 | 17.29 | 17.40 | 17.42 | 17.64 | 17.95 | 18.30 | 18.37 | 18.41 | 18.44 | 18.72 | 19.61 | 19.86 (Conc. Curb)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier): CB | 15.82 | 15.91 | 15.83 | 15.95 | 16.26 | 16.34 | 16.48 | 16.57 | 16.81 | 16.94 | 17.31 | 17.46 | 17.60 | 17.71 | 17.81 | 17.95 | 18.40 | 18.38 | 18.71 | 18.76 | 18.81 | 18.43 | 19.61 | 19.63 | 19.86

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): A | 15.40 | B | 15.74 | A | 16.22 | B | 16.54 | A | 17.27 | B | 17.36 | A | 17.68 | B | 17.89 | A | 18.23 | B | 18.37 | A | 18.71 | B | 19.07 | A | 19.19 | B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999) | 17.65 | Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: 15.269 | 15.295 | Flat (1) | 17.920

Speed: 1–Design, 2–Posted: 35 MPH (2); 45 MPH (2); 45 MPH (Minimum 35) (2); 15.894; 45 MPH (Min. 35 MPH) (2); 16.379; 45 MPH (2); 17.963; 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0030 00611 | 17.65 | B74 0030 01765 | 19.68 | B74 0030 01968

HPMS Sections – AADT 2016: 27,000 | 25,700 | 35,100

HPMS Sections – AADT 2015: 26,500 | 17.65 | 31,529 | 19.44 | 33,348

HPMS Sections – AADT 2014: N/A | 19.17 | N/A

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3) | 19.68 | Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

(HES-STP-030-1(19)) 15.24 STP-030-1(21), R, 1994

15.33 STP-030-(21) (R) 1994 | 19.34 | 19.60 30-BC-01-87M (R) 1987

15.18 (30C-01-78 GR &Shldr, 1981) | 15.33 30C-01-82M (R) 1982 | 16.20 30C-02-90 (GR & Shldr), 1991 | 17.91 30BC-02-86 Improvements, 1987

30C-02-72 Resurface 1972 | 16.83 30C-01-85M (R) 1985 | 19.49 F-30(1) 1957

F-30(3) 1950 | 15.27 F-30(4) 1951 | 17.84 F-30(1) 1957 | F-30-1(1) 1956

0 + 00 | 136 + 50 | 0 + 00 | 235 + 90.71

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.
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Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

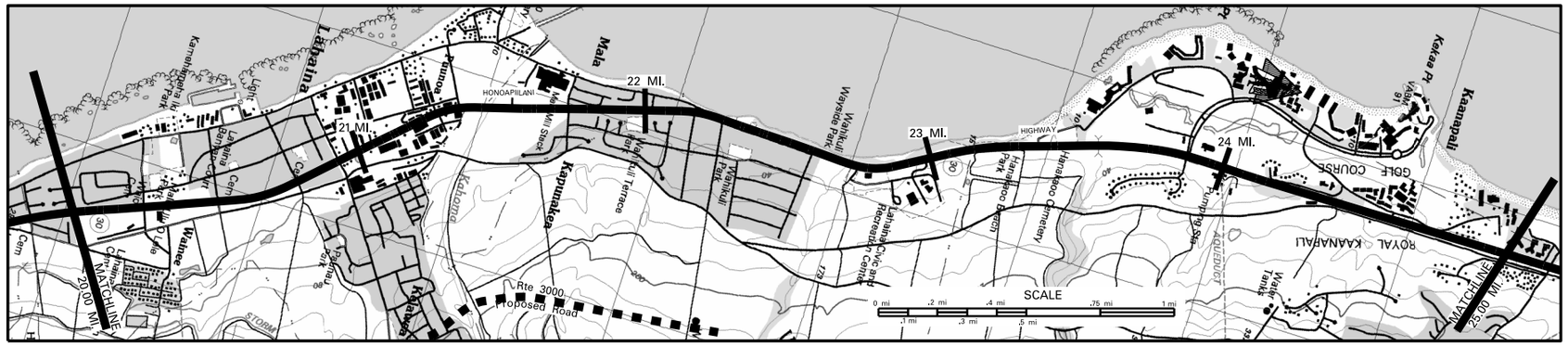
MAUI RTE 30
HONOAPIILANI HWY

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: 41.615 miles
- a. Survey Length: 41.615 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.) | 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. | 30 A (13.59 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Twin Box Culvert, 1957 H 20
Vertical Clearance	44'
Horizontal Clearance	44'

Structure Over Road

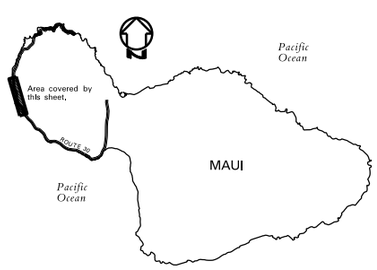
Vertical Clearance	16.8'
Horizontal Clearance	47'

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tee Beam 1969
Vertical Clearance	45'–4"
Horizontal Clearance	45'
Vertical Clearance	16.5'
Horizontal Clearance	74'

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Pre Stressed Concrete Girder HS–20–44, 1969,1999

Right of Way Width (min.–max.) If varies	76'–280'
Available Right of Way Width (Needs Study)	(R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area
Right of Way Fence: Type – Right and Left	Various 20.24 – Chain Link 20.29 – 20.69
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–030–1(39), Widening, 2011
Project No., Type of Construction, and Year Constructed	30ABC–01–97M, R, 1998

Right of Way Width (min.–max.) If varies	80'–190'
Available Right of Way Width (Needs Study)	Residential / Clear Canefield / Residential / Brush & Trees / Residential/Recreation
Right of Way Fence: Type – Right and Left	Various – Chain Link – Various – Chain Link – Various – Rock Fall Protection
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–030–1(048),Pav. Prev. Maintenance,2015 / STP–030–1(049), Preventive Maintenance, 2014
Project No., Type of Construction, and Year Constructed	HWY–M–07–07M, Marking and Striping, 2008 / STP–030–1(31) (Resurf & Widen) 1999



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 4. 20.00 mi.

Shaw St. | Prison St. | Dickenson St. | Lahainaluna Rd. | Papalaua St. | End Divided Hwy | Beg Div. Hwy | Hinau St. | Kenui St. | Kahoma Br. | Keawe St. | Kapunakea St. | Culvert | End Divided Hwy | Begin Divided Hwy | Front St. | Wahikuli Rd. | End Divided Hwy | Begin Divided Hwy | Kanilau Rd. | Culvert | Lahainaluna Rd. (Lahainaluna Center Rd.) | End Divided Hwy | Exit from Wahikuli State Park | Entrance to Wahikuli State Park | Begin Divided Hwy | Hanakao'o Beach Park | End Divided Hwy | Begin Divided Hwy | Tahrm. Sta. 400 Golf Course Overpass Culvert | Kaanapali Parkway | Kuialapa Loop Bridge O.P. | Parking Area | Kekaa Drive

HONOAPIILANI HIGHWAY

20.238 mi. | 20.481 mi. | 20.460 mi. | 20.767 mi. | 20.925 mi. | 20.979 mi. | 21.053 mi. | 21.159 mi. | 21.234 mi. | 21.299 mi. | 21.374 mi. | 21.469 mi. | 21.459 mi. | 21.550 mi. | 21.739 mi. | 21.876 mi. | 21.837 mi. | 21.960 mi. | 22.056 mi. | 22.204 mi. | 22.171 mi. | 22.270 mi. | 22.430 mi. | 22.426 mi. | 22.609 mi. | 22.590 mi. | 22.704 mi. | 22.753 mi. | 22.985 mi. | 22.966 mi. | 22.917 mi. | 23.130 mi. | 23.226 mi. | 23.371 mi. | 23.452 mi. | 23.576 mi. | 23.548 mi. | 23.694 mi. | 23.762 mi. | 23.911 mi. | 23.873 mi. | 24.027 mi. | 24.453 mi. | 24.410 mi. | 24.399 mi. | 24.593 mi. | 24.935 mi.

CONTINUED ON SHEET 6. 25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	6' AC
Pavement: Width and Type	22' AC
Shoulder: Width and Type	0
Median: Width and Type	12' Raised Trees and Shrubs with Curbs
Median Barriers:	
Shoulder: Width and Type	0
Pavement: Width and Type	22' AC
Shoulder: Width and Type	6'–8' AC

Shoulder: Width and Type	*4'–6' AC
Pavement: Width and Type	44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 24' AC
Shoulder: Width and Type	6'–8' AC / 0 / *6'–8' AC / 0 / *6'–8' AC / 0 / *6'–8' AC / 0 / *6'–8' AC / 0 (0'–10' Painted Median) / 0
Median: Width and Type	0–10' Paint / 0–12' Paint / 0–11' Paint / 0–11' Paint / 0–11' Paint / 4'–15' Painted AC
Median Barriers:	(10'–38' Grass (Raised)) / (10'–38' Grass (Flush)) / (10'–38' Grass (Raised))
Shoulder: Width and Type	0 / 0 / 0 / 0 / 0 / 0
Pavement: Width and Type	22' AC / 22' AC / 22' AC / 22' AC / 22' AC / 22' AC / 24' AC
Shoulder: Width and Type	6'–8' AC / 6'–8' AC / *6'–8' AC / *6'–8' AC / *6'–8' AC / *6'–8' AC / *6'–8' AC

Number of Traffic Lanes	4–11' / 4–11' / 4–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11' (L) T.L. / 11' (L) T.L. / 11' T.L. / 11' T.L. / 1–11' (L) T.L. / 1–11' Accel. Ln. / 11' (R) T.L. / 11' T.L.s
(Right Side)	2 (L) T.L.s @ 11' ea
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	5' Conc. S.W. / MCB
Curb and/or Gutter: Type (Right and Left)	Conc. Curb / 3' Concrete Gutter
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier MCB=Metal on top of Concrete Barrier / CB / Mood/Conc. / CB Conc. Retaining Wall
Illumination: Type, Location and Number	2 250W HPS / 28 250W HPS @ Intersections from 23.90mi. to 26.11mi.
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A / MCB / B / A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	B / A / B / A / B / A / B / A / B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1)
Speed: 1–Design, 2–Posted	35 MPH (2) / 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase / 4 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase / 3 Phase / Traffic Lights
Traffic Stations (Current Year)	B74 0030 01968 / B74 0030 02155 / B74 0030 02387
HPMS Sections – AADT 2016	35,100 / 43,300 / 30,900
HPMS Sections – AADT 2015	33,348 / 37,339 / 38,495 / 42,100 / 32,507
HPMS Sections – AADT 2014	N/A / N/A / N/A / N/A / N/A / N/A
DOD Sections	
Census Tracts	
Functional Classification	Minor Arterial (4)
National Highway System (NHS)	NHS diverted to bypass @ 19.68 mi. (Proposed Lahaina Bypass is all NHS)
Previous Projects: Project No., Date and Limits	(STP–030–1(29), Inter. Impr. @ Dickenson St., 1999) / 30ABC–01–97M, R, 1998 / STP–030–1(31) (Resurf & Widen) 1999 / 30AB–02–87 Widen, 1989 / 30A–01–96M (R) 1997 / 30AB–01–86M 1986 / 30AB–02–85 1985 / 30AC–01–87M & 30A–01–87,1987 / 30BC–01–87M (R) 1987 / (30B–01–85 Traffic Signal 1985) / 30BC–02–89 Improvements, 1987 / 30AB–02–85 Shldr. & Guardrails 1985 / 30AB–01–82 Shldr. & Guardrails 1982 / 30AB–02–89 Shldr./Guardrails 1985 / F–30(1) 1957 / 30AB–01–78M (R) 1978 / 30AB–01–79M 1979 / 30AB–01–78M (R) 1978 / S–0300(1) 1958 / F–30–1(1) 1956

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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

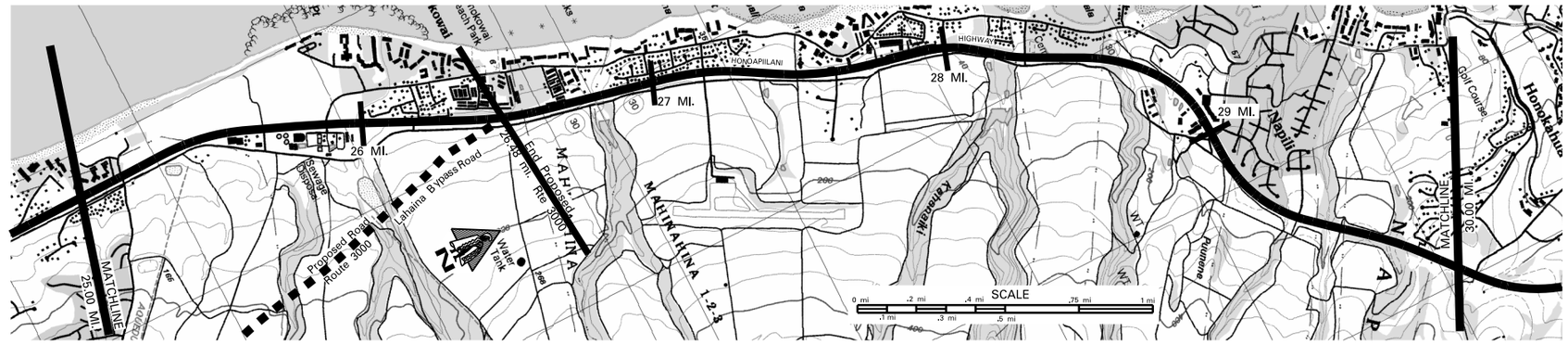
MAUI RTE 30
HONOAPIILANI HWY

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: 41.615 miles
a. Survey Length: 41.615 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 (25.99, 50') — Prestressed I-Beam HS-20-44 1981 (26.19, 74')
- Vertical Clearance
- Horizontal Clearance: 68' — 47'

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) If varies: 80'-190' (26.76) — 150' (27.65) — 75' (28.07) — 45'-190' (28.74) — 90' (29.01) — 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. (26.03) — Residential

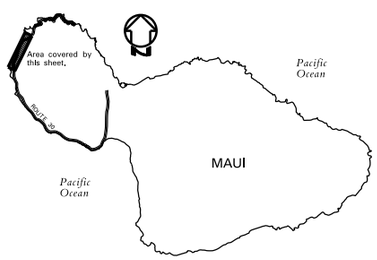
Right of Way Fence: Type - Right and Left: Chain Link (25.99–26.76) — Chain Link (26.76–27.46) — Chain Link (28.43–28.82)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 138 + 72 BL (25.99) — 29 + 00 AH (26.03) — State (27.65) — 112 + 50 (27.65) — 112 + 00 (27.70) — 159 + 55 (28.60) — 191 + 65 (29.22)

Project No., Type of Construction, and Year Constructed: STP-030-1(049), Preventive Maintenance, 2014 — STP-030-1(046), R, 2012 — 30A-01-10M, R, 2012 — 30A-01-10M, R, 2012

Project No., Type of Construction, and Year Constructed: STP-030-1(31) Resurf & Widen 1999 — HWY-M-07-07M, Marking and Striping, 2008 — 30A-01-97M, R, 1998 — 30A-01-07, Resurf,, 2008 — 30A-01-97M, R, 1998



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET 5. — 25.00 mi.

Kai Ala Dr. (25.151 mi.) — Puukolii Rd. (25.151 mi.) — Kaka'ialanoo Dr. (25.385 mi.) — Halawai Dr. (25.620 mi.) — Lower Honoapiilani Rd. (25.876 mi.) — Honokowai Br. (25.980 mi.) — End Divided Hwy (26.023 mi.) — Cane Haul Rd. (26.082 mi.) — Cane Haul Rd. End Proposed Rd. (Rte 3000) (Lahaina Bypass) (26.170 mi.) — ECB (L) (26.484 mi.) — Begin Divided Hwy (26.596 mi.) — Akahele St. (26.968 mi.) — End Divided Hwy (27.170 mi.) — Begin Divided Hwy (27.303 mi.) — Ala Hoku Pl. (27.495 mi.) — Hoohui St. (27.616 mi.) — End Divided Hwy Ent. to Kahana Gateway (27.764 mi.) — Kahana Nui Rd. (27.878 mi.) — Kahana Kai Br. (27.970 mi.) — Cane Haul Rd. (Hui Rd.) (28.050 mi.) — ECB (R) (28.155 mi.) — Culvert (28.300 mi.) — Road (28.462 mi.) — Begin Divided Hwy (28.580 mi.) — Nuuhiliau St. (28.736 mi.) — End Divided Hwy (28.836 mi.) — Begin Divided Hwy (29.010 mi.) — Makani St.-Tractor-Xing (29.166 mi.) — End Divided Hwy, Totem. Str. 030295 (29.278 mi.) — Street & Tractor-Xing (29.511 mi., 29.507 mi., 29.420 mi., 29.419 mi.) — Paved Rd. Begin Divided Hwy (29.571 mi.) — (29.843 mi.) — (29.948 mi.)

HONOAPIILANI HIGHWAY

CONTINUED ON SHEET 7. — 30.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

- Undivided — Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): *4'-6' AC (25.87) — *8'-10' AC (26.11) — MILLED SHLD RUMBLE STRIP (26.60) — *10'-12' AC (28.10) — MILLED SHLD RUMBLE STRIP (28.60) — 4'-6' Bike Route (28.86) — (MILLED SHLD RUMBLE STRIP) (29.20) — (8' AC)*
- Pavement: Width and Type: 24' AC — 24' AC — 12' AC — 24' AC — 12' AC — (MILLED SHLD RUMBLE STRIP) — 24' AC — 12' AC — 24' AC — 12' AC — 24' AC — 12' AC
- Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): 0 — *8'-10' AC — *10' AC — MILLED SHLD RUMBLE STRIP — MILLED C/L RUMBLE STRIP — 0 — *10' AC (27.36) — 0 — *10' AC — MILLED C/L RUMBLE STRIP — 4'-6' Bike Route — 0 — 10' AC — 0 — 10' AC — 0
- Median: Width and Type: 0-15' Painted AC — 12' Painted AC (26.87) — 12' Painted AC (28.59) — 12' Painted AC (MILLED C/L RUMBLE STRIP) (29.31) — 12' Painted AC
- Median Barriers:
- Shoulder: Width and Type: 0 — 0 — 0 — 0 — 0 — 0
- Pavement: Width and Type: 24' AC (.869) — 12' AC — 12' AC — 12' AC — 12 AC — 12' AC — 12' AC
- Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): *6'-8' AC — MILLED SHLD RUMBLE STRIP (27.36) — *10' AC — 4'-6' Bike Route (29.10) — 8' AC — *10' AC — *10' AC

Number of Traffic Lanes: 4-12' — 2-12' (26.87) — 2-12' (28.59)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' T.L. (.243) — 11' T.L. (.395) — AUX (.762) — 11' T.L. (.989) — All 12' T.L.s (.307) — 12' T.L. (.656) — 12' T.L. (.878) — 12' T.L. (.980) — 12' T.L. (.738) — 12' Climbing Lanes (.812) — (.894)

(Right Side): 11' T.L. (.348) — 11' T.L. (.291) — Frontage Road (R) 2-12' with Bike Route (not Lane) (L) & (R) (.989) — (.097) — (.098) — (.574) — (.972)

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. G. (.134) — 4' Conc. G. (.307) — 5' Conc. Gutter (.794) — 5' Conc. Gutter (.972) — 5' Conc. Gutter (.362) — 5' Conc. Gutter (.964) — 5' Conc. Gutter (.177) — 5' Conc. Gutter (.596) — 5' Conc. G. (.729) — 5' C. G. (.822) — 5' C. G. (.022) — 5' Conc. Gutter (.794) — 5' C. G. (.859)

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted, CB=Concrete Barrier, MCB=Metal on top of Concrete Barrier: (.134) — (.307) — (.494) — (.637) — (.794) — (.973) — (.990) — (.181) — (.242) — (.595) — (.731) — (.902) — (.242) — (.471) — (.721) — (.872) — (.195) — (.348) — (.638) — (.156) — (.403) — (.488) — (.571) — (.718) — (.890)

Illumination: Type, Location and Number: (.181) — (.237) — (.395) — (.427) — (.490) — (.555) — (.637) — MCB (.707) — (.777) — (.942) — (.993) — (.333) — (.595) — (.664) — (.706) — (.764) — (.846) — (.906) — (.948) — (.964) — (.984) — (.006) — (.106) — (.171) — (.192) — (.264) — (.326) — (.446) — (.504) — (.624) — (.696) — (.775) — (.407) — (.407) — (.559) — (.721) — (.860)

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A — CB

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B (25.87) — A (26.26) — B (26.61) — A (26.74) — B (26.96) — C (28.36) — B (28.77) — C (29.32) — D (29.77) — B (29.84)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) (25.99) — Rolling (2) (27.83)

Speed: 1-Design, 2-Posted: 40 MPH (2) — 45 MPH (1)

Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase (.181) — 3 Phase (.429) — 3 Phase (.677) — 3 Phase (.925) — 4 Phase (.170) — 3 Phase (.764) — 3 Phase (.012)

Traffic Stations (Current Year): B74 0030 02387 — B74 0030 02588 — B74 0030 02776 — B74 0030 02903

HPMS Sections - AADT 2016: 30,900 — 19,400 (25.98) — 14,100 (27.76) — 8,000 (29.03)

HPMS Sections - AADT 2015: 32,507 — 19,400 — 15,787 — 7,600

HPMS Sections - AADT 2014: N/A — N/A (26.96) — N/A — N/A

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4) — Major Collector (5) (29.03)

National Highway System (NHS): NHS diverted to bypass (Proposed Lahaina Bypass is all NHS). (26.64) — Not On NHS (0)

Previous Projects: Project No., Date and Limits:
- (25.00) 25.82 HWY-M-07-07M, Marking and Striping, 2008 — 28.60
- 30A-01-96M (R) 1997 (25.64) — 30AC-01-97M & 30A-01-97, 1987 (25.69) — STP-030-1(23) Resurf 1996 (27.70) — 30A-01-97M, R, 1998
- 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.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

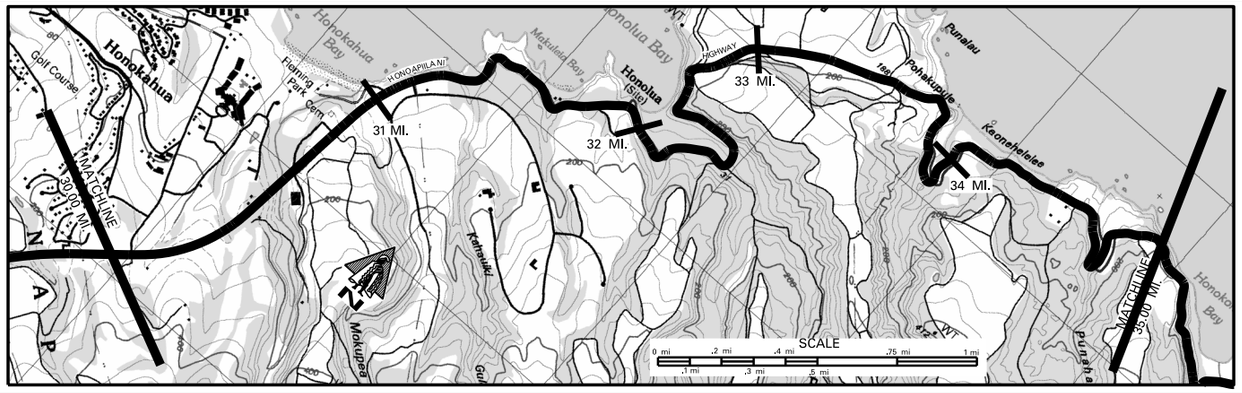
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.615 miles

a. Survey Length: 41.615 miles

b. Proposed Length: 0.00 miles

c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

30 31 32 33 34 35

Maintenance Control Sections : Length and Description

30 A (13.59 MI.)

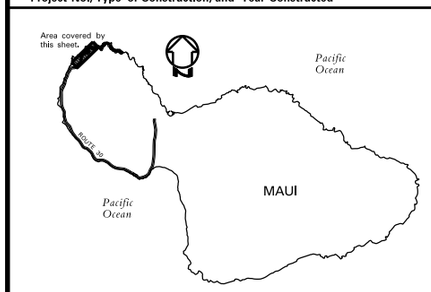
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed I-Beam HS-20-44 1986 (30.55); S.S. Conc. Slab H-10 1924 (32.40)
Vertical Clearance	604'
Horizontal Clearance	52'

Structure Over Road

Vertical Clearance	24'
Horizontal Clearance	17'

Right of Way Width (min.–max.) If varies	(300'–400') 30.05; 40'
Available Right of Way Width (Needs Study)	Residential; Chain Link; Heavy Brush, Trees & Rocks; 1000' Clear Pineapple Fields 15' form E.P.; Heavy Brush & Rock; Wire on Wood
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 (296 + 71.27)
Project No., Type of Construction, and Year Constructed	30A-01-10M, R, 2012
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; Culvert; Honokahua Strm. Br.; HONOAPIILANI; Access Rd "A"; Beg Divided Hwy; Culvert; Honoapiilani Hwy; Access to Lower Estates Dr.; 31 MP; End Divided Hwy; Plantation Estates Dr.; Lookout Access Rds.; 32 MP (L); Lookout (L); Honolua Pl.; Lookout Access Rds.; Honolua Br.; 33 MP; Pineapple Field Rd.; 34 MP; Dirt Road; Culvert; HIGHWAY; Pullout; Pullout; 35 MP; Culvert

30.054 mi. 30.165 mi. 30.372 mi. 30.552 mi. 30.667 mi. 30.823 mi. 30.905 mi. 30.914 mi. 30.927 mi. 31.027 mi. 31.122 mi. 31.192 mi. 31.418 mi. 31.444 mi. 31.491 mi. 31.632 mi. 31.819 mi. 31.909 mi. 31.942 mi. 32.357 mi. 32.465 mi. 33.118 mi. 33.465 mi. 33.651 mi. 33.892 mi. 34.214 mi. 34.291 mi. 34.461 mi. 34.702 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)
Undivided	Pavement: Width and Type	
Undivided	Shoulder: Width and Type	*(Combination Shldr./Bike Route to 31.20 mi. – see arrows)
Divided	Median: Width and Type	
Divided	Median Barriers:	
Divided	Shoulder: Width and Type	
Divided	Pavement: Width and Type	
Divided	Shoulder: Width and Type	*(Combination Shldr./Bike Route to 31.20 mi. – see arrows)

Number of Traffic Lanes	2–12'; 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' Climbing Lanes; 10' T.L.; 12' T.L.
(Right Side)	12' T.L.; 8' 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)	5' Conc. Gutter; Curb; Conc. Curb; C. Curb
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted. MCB = Metal on top of Concrete Barrier; 550 MCB
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998); Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling (2); Mountainous (3); Flat (1); Rolling (2); Mountainous (3)
Speed: 1–Design, 2–Posted	45 MPH (1); 35 MPH (1); 30 MPH (1); 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	(B74 0030 02903); B74 0030 03005
HPMS Sections – AADT 2016	(8,000); 4,300
HPMS Sections – AADT 2015	(7,600); 4,300
HPMS Sections – AADT 2014	(N/A); N/A
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	(F-030-1(8) 1984 New Construction); F-030-1(18) 1986 New Construction; A 300-01-65 (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.
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Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY – KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
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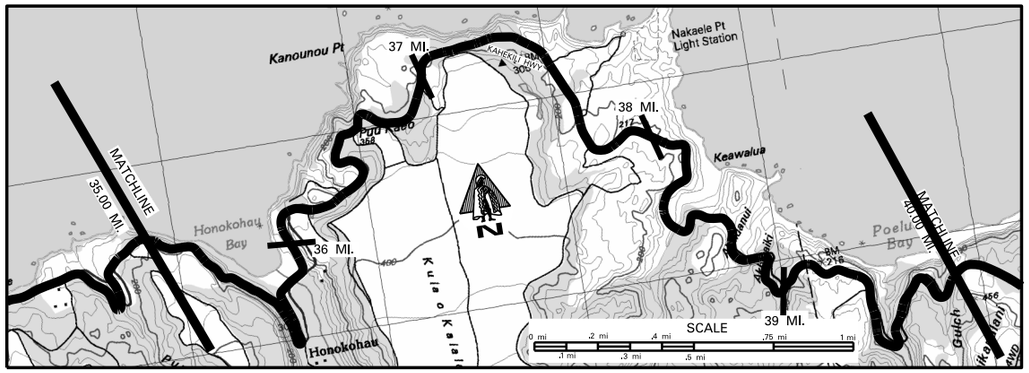


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 30 A (13.59 MI.) — Begin 30 A at the West End of Honokohau Bridge (35.00)

Structure Carrying Road

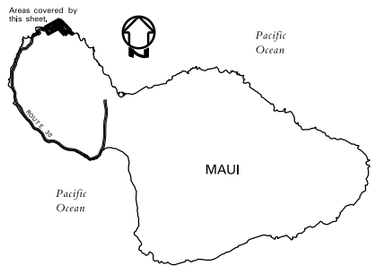
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Concrete Girder 1924 (1966) HS–20 (35.87) 76'
Vertical Clearance	
Horizontal Clearance	26'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Timber Stringer 1924 H–10 (38.46) 22'
Vertical Clearance	
Horizontal Clearance	13'

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 (35.98–36.88); Wire on Wood (37.47–38.46)
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State (1905 + 00)
Project No., Type of Construction, and Year Constructed	30A–01–12M, Resurface, 2014
Project No., Type of Construction, and Year Constructed	30A–01–91M (R) 1992; 30A–01–07M, Repairs and Maintenance, 2008



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 7. 35.00 mi.

HONOAPIILANI HWY — KAHEKILI HIGHWAY

Honokohau Valley Rd. (35.398 mi.); Honokohau Br. (35.632 mi.) 36.50 MP; Road (35.827 mi.); Cattle Guard (36.169 mi.); Nakaele Point Light Station (36.465 mi.); Culvert (36.943 mi.); Bridge (Arakakuahhe Stream) (37.219 mi.); Culvert (37.613 mi.); Cattle Guard & Kahakuloa Management Area Sign (37.912 mi.); Culvert (38.415 mi.); Culvert (38.531 mi.); Wailuku – Lahaina District Boundry (38.932 mi.); Culvert (39.054 mi.); Culvert (39.190 mi.); Culvert (39.592 mi.); Culvert (39.645 mi.); Culvert (39.948 mi.)

MP: 36, 36.50, 37, 37.50, 38, 38.50, 39, 39.50, 40, 40.50

CONTINUED ON SHEET 9. 40.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	2' AC; 8'–10' Dirt (37.42); 2' AC (38.10); 2' AC/6' Grav. (38.70); 2' AC (39.36)
Pavement: Width and Type	22' AC
Shoulder: Width and Type	2' AC; 2' AC/6' Dirt (37.31); 2' AC (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	2–11'
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)	AC Curb; 2' AC Gutter; 2' AC Gutter
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier)	
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A E DE C BA B E D F D ED F E CBA H L E DE AD CBD A F C E B E A B D E F B E F EB D A E C B D C A D A D
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	D B D B F E C D B C B A B D F B E B C B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous (3)
Speed: 1–Design, 2–Posted	25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B74 0030 03005
HPMS Sections – AADT 2016	4,300
HPMS Sections – AADT 2015	4,300
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	
	30A–01–95M (Resurface) 1996 (37.25)
	340D–01–93M (R) 1994 (35.87); 330C–03–70 1970; 340A–02–72, 1976 (39.31, 39.73)
	A 300–01–66 (R) 1968 (35.57, 35.87); County

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 30
KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

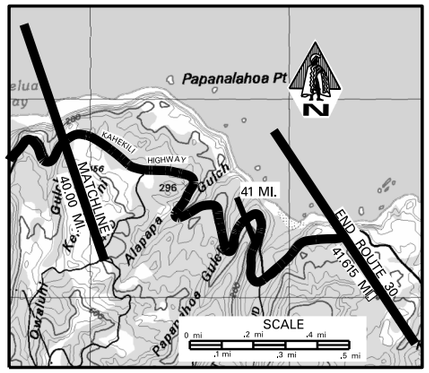
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.615 **miles**

a. Survey Length: 41.615 **miles**

b. Proposed Length: 0.00 **miles**

c. Other Length: 0.00 **miles**



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)

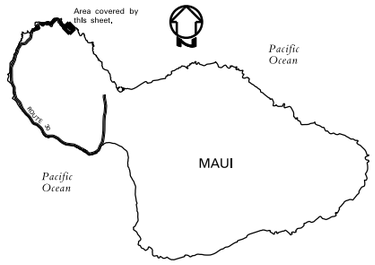
Right of Way Fence: Type – Right and Left

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

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

Project No., Type of Construction, and Year Constructed: 30A-01-12M, Resurface, 2014 (7209 + 50)

Project No., Type of Construction, and Year Constructed: 30A-01-07M, Repairs and Maintenance, 2008 (2211 + 50) (40.69)



Road Diagram
* MP = Milepost Signage

40.00 mi. CONTINUED FROM SHEET 8.

Culvert — Bridge (Papanahoa Strm.)

KAHEKILI HIGHWAY

41 MP — 41.50 MP

40.135 mi. — 40.579 mi. — 40.945 mi. — 41.261 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END RTE 30 ON KAHEKILI HIGHWAY
0.35 MI. EAST OF PAPANAHOA STR.
BRIDGE @ END OF STATE HWY SIGNS.
*41.615 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: 22' 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: 2–11'

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 3'–5' AC Gutters

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

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

Speed: 1–Design, 2–Posted 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) B47 0030 03005

HPMS Sections – AADT 2016 4,300

HPMS Sections – AADT 2015 4,300

HPMS Sections – AADT 2014 N/A

DOD Sections

Census Tracts

Functional Classification Major Collector (5)

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

Previous Projects: Project No., Date and Limits

30A-01-95M (Resurface) 1996
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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

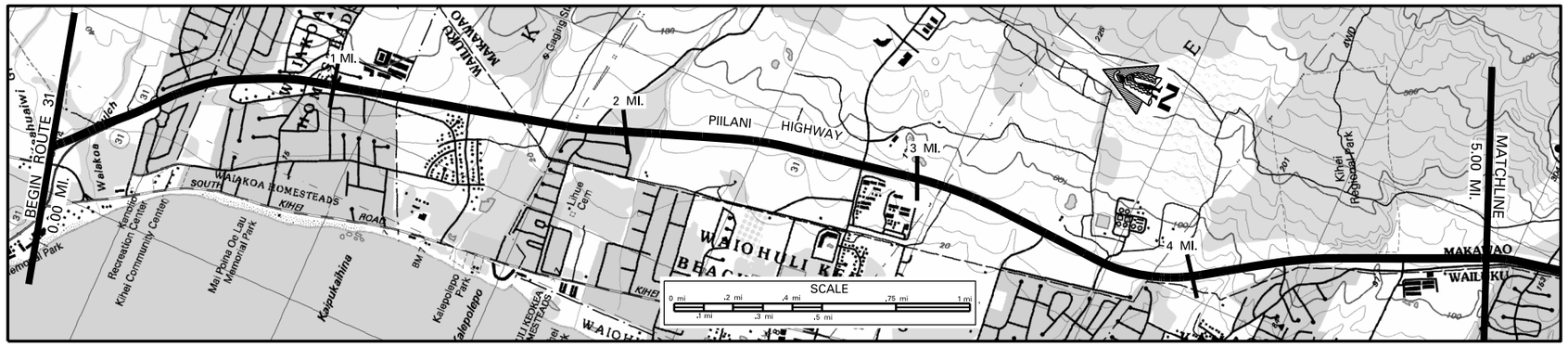
ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

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: 7.149 miles
- b. Proposed Length: 4.861 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

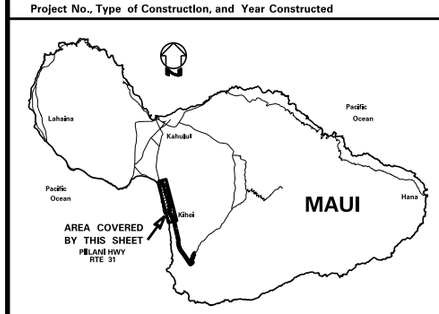
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

N.B. 162' – 8", 2008 (PRE-STRESSED CONC. GIRDER)
S.B. 150' — PRESTRESSED I-BEAM 1981 — 150' — 130' — PRESTRESSED I-BEAM 1981 — 49'
N.B. 67'-6"
S.B. 48' — 48' — 48' — 48'

- Right of Way Width (min.–max.) If varies: 270' – 320' / 105' – 225'
- Available Right of Way Width (Needs Study)
- Right of Way Fence: Type – Right and Left: WIRE FENCE / WIRE FENCE / CHAINLINK
- Control of Access: 1–None, 2–Partial, 3–Full: NONE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
- Project No., Type of Construction, and Year Constructed: 31A-01-07M, RESURFACE, 2009 / ARR-031-1(11), PREVENTIVE MAINTENANCE, 2010
- Project No., Type of Construction, and Year Constructed: NH-A31(14), WIDEN 2008 / STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 / 31AB-01-02, WIDENING, 2003 / STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 / (31AB-01-02, WIDENING, 2003)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

0.00 mi. Waikoa–Uka Br. (New) 0.142 mi. — Kalwahine St — Mol Place — Ohukai Road — End Divided — Manao Kala Road — Begin Divided — Kaonoulu Street — Kulanihakoi Gulch Bridge End Divided — Begin Divided — Kulanihakoi Street — Waipuilani Gulch Bridge End Divided E C B — E. Waipuilani Rd. — Begin Divided — PIIKea Avenue — Lipoa Pkwy — End Divided — Begin Divided Keiko Gulch Bridge Telem. Sta. 31069 — Waikahao Rd — Old Waikahao Rd — End Divided — Begin Divided Culvert — Kanani Rd — End Divided — Begin Divided — Alanui Ke Ahi Dr. — End Divided — CONTINUE ON SHEET #2. 5.00 mi.

PIILANI HIGHWAY

Waikoa Gulch Bridge 0.138 mi. — Uwapo Rd 0.393 mi. — 0.471 mi. — 0.673 mi. — 0.916 mi. — 1.053 mi. — 1.174 mi. — 1.364 mi. — 1.435 mi. — 1.471 mi. — 1.653 mi. — 1.669 mi. — 1.756 mi. — 1.871 mi. — 2.019 mi. — 2.068 mi. — 2.094 mi. — 2.256 mi. — 2.412 mi. — 2.468 mi. — 2.603 mi. — Lipoa St. 2.809 mi. — 2.964 mi. — 3.257 mi. — 3.297 mi. — 3.392 mi. — 3.471 mi. — 3.699 mi. — 3.848 mi. — 4.223 mi. — 4.284 mi. — 4.315 mi. — 4.355 mi. — 4.468 mi. — 4.607 mi. — 4.717 mi. — 4.935 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): 6' – 8' A C
- Pavement: Width and Type: 24' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC / 44' AC / 22' AC
- Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE): 4' AC / 0' / 6' – 8' AC / 0' / 6'–8' AC / 0' / 6' – 8' AC / 0' / 6' – 8' AC / 0' / 6' – 8' AC / 0' / 6'–8' AC / 0' (6'–8' AC)

Median: Width and Type: 10'–70' FLUSH GRASS (GUARDRAILS 0.004, 0.21, 0.10, 0.22) / 0'–15' PAINT / 0' – 11' PAINT / 0' – 12' Painted AC / 0' – 12' Painted AC / 0' – 12' Painted AC / 0' – 12' Painted AC / 0' – 12' Painted AC / 0' – 12' Painted AC

- Shoulder: Width and Type: 4' AC / 0' / 0' / 0' / 0' / 0' / 0' / 0'
- Pavement: Width and Type: 24' AC / 22' AC / 22' AC / 22' AC / 22' AC / 22' AC / 22' AC
- Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 – 5.93 MILE): 8' AC / 6' – 8' AC / 6' – 8' AC / 6' – 8' AC / 6' – 8' AC / 6' – 8' AC / 6' – 8' AC

- Number of Traffic Lanes: 4–12' / 4–11'
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1–12') / (2–12')
- (Right Side): 11' TLs / 50' AC shared-use path / 11' TLs / 11' TL / 11' 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): 6' Conc. G.
- Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)
- Illumination: Type, Location and Number
- Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A
- Superelevation (Range)
- Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): A 0.00 — B — C 1.36 — 1.51 — B — 3.31 — A — 3.72 — B — 4.09 — C 4.26 — B
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: SMALL URBAN (99998)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1)
- Speed: 1–Design, 2–Posted: 45 MPH (2) / 40 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE / 4 PHASE / 3 Phase
- Traffic Stations (Current Year): B74 0031 00000 / B47 0031 00281
- HPMS Sections – AADT 2016: 36,900 / 35,200
- HPMS Sections – AADT 2015: 36,900 / 34,500
- HPMS Sections – AADT 2014: N/A / N/A
- DOD Sections
- Census Tracts
- Functional Classification: PRINCIPAL ARTERIAL (3)
- National Highway System (NHS): ON NHS (1)
- Previous Projects: Project No., Date and Limits: 0.00 STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 / 1.05 31AB-01-02, WIDENING, 2003 / 31AB-01-02, WIDENING, 2003 / STP-031-1(8) RESURFACING 1996 / TQF-RF-031-1(6) 1981 / 31B-01-94, 1994 / TQF-RF-031-1(6) 1981 / (HWY-M-05-04 IMPR. 2006) / 4.18 4.47 31AB-01-02, WIDENING, 2003

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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J
Dec. 13	EPJ
July 14	D.B.
Jan 16	EPJ
Jan 17	EPJ
Feb. 18	D.B.

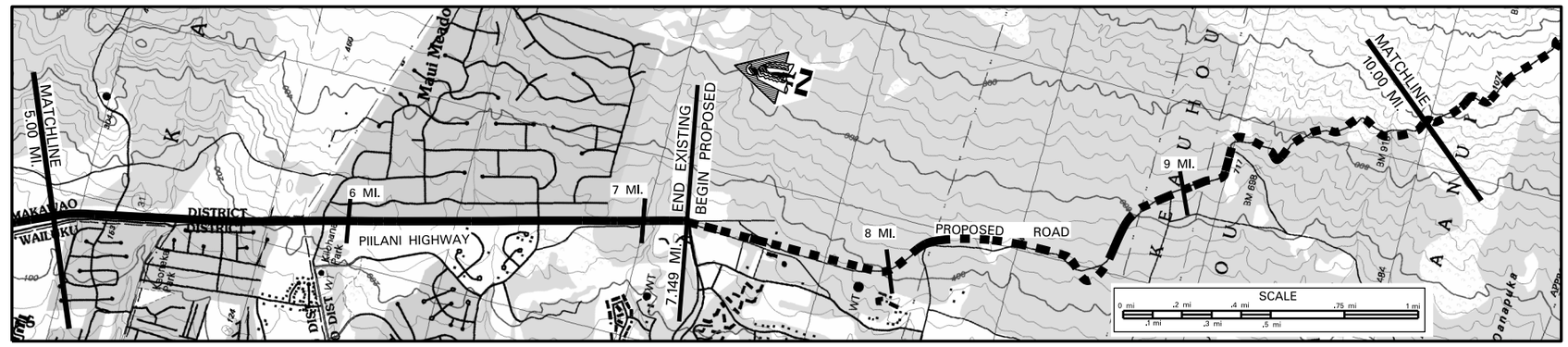
ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

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: 7.149 miles
- b. Proposed Length: 4.861 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 Road: Vertical Clearance
Structure Over Road: Horizontal Clearance

Right of Way Width (min.–max.) If varies: 105' – 225' (5.41); 105' – 305' (5.41 – 7.72)

Available Right of Way Width (Needs Study)

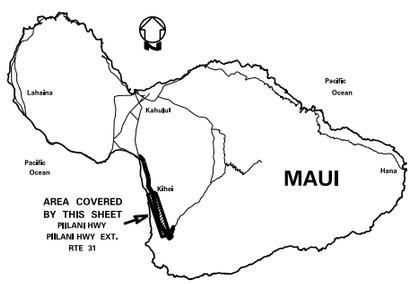
Right of Way Fence: Type – Right and Left: CHAINLINK (5.41 – 5.92); CHAINLINK (5.92 – 7.72)

Control of Access: 1–None, 2–Partial, 3–Full: NONE (5.41 – 7.72)

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (5.92 – 7.72)

Project No., Type of Construction, and Year Constructed: ARR–031–1(11), PREVENTIVE MAINTANCE, 2010 (5.92 – 7.72)

Project No., Type of Construction, and Year Constructed: (31AB–01–02, WIDENING, 2003) 790+00 (5.22); STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004 (5.97 – 7.72); 84+90; HWY–M–01–06M, RESURF., 2007 150+00 (7.72)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

Continued from Sheet # 1

PIILANI HIGHWAY

- 5.417 mi. Keonekai Rd Begin Divided; Culvert (9 MP)
- 5.372 mi.
- 5.324 mi.
- 5.300 mi.
- 5.580 mi. End Divided
- 5.918 mi. Manu Place and Begin Divided; Kilohana Dr
- 6.081 mi. End Divided
- 6.295 mi. E C B (R)
- 6.366 mi.
- 6.464 mi. Begin Divided; Culvert (10 MP)
- 6.516 mi.
- 6.647 mi. Milo'ul Pl; Okolani Dr
- 6.874 mi. End Divided
- 7.028 mi. Begin Divided

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE: Begin proposed on Piilani Highway at the centerline of Wailea Ike Drive *7.149 mi.

End Existing Route 31 at angle point with Wailea Ikd Drive (7.149 miles)

Route 31 – PROPOSED ROAD = 4.861 Miles

NO TRAVELWAY

Continued on sheet # 3

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided:
- Shoulder: Width and Type: 6' – 8' AC (.680); 10' AC
- Pavement: Width and Type: 44' AC; 22' AC; 44' AC; 33' AC (.889); 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 – Median:
- Median: Width and Type: 0' – 12' Painted AC (.324; .580; .898); 0' 14' Painted AC (.081; .516); 0' – 14' Painted AC (.874; .976); 0' – 25' Painted AC
- Median Barriers: (.976 – 7.149) Raised Curb, Flush AC
- Shoulder: Width and Type: 0'; 0'; 0'
- Pavement: Width and Type: 22' AC; 12' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 6'–8' AC; 10' AC; 10' AC; 0'

Number of Traffic Lanes: 4 – 11' (.898); 2 – 11' (.898) 1 – 12' (.898); 2 – 12' (.324; .516; 7.149)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' 10' (.324; .583); 11' 10' (.898; .995); 12' 12' (.516; .732)

(Right Side): 13' (.324; .497); 11' 10' (.898; .995); 10' 12' (.516; .781)

Frontage Road: No. of Lanes, and Width (Right and Left): 10' (.898)

Sidewalk: Width and Type (Right and Left): AC Curb (.933; .995); 6' Conc. (.516; .771); 6' Conc. (.980; 7.149)

Curb and/or Gutter: Type (Right and Left): .347; .417; .463; .530; .896; .964; AC Curb (.128; .264); AC Curb (.121); .555; AC Curb (.886); Conc. Curb .773; AC Curb .810; .964; Conc. Curb

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. .363; .417; .449; .523; .590; .675; .947; .960; .332; .572; .680; .960; .129

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A; 7.13 (B)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): B; 5.49 C; 5.72 B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998); SMALL URBAN (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: .954 FLAT (1)

Speed: 1–Design, 2–Posted: 40 MPH (2); 45 MPH (2); 45 MPH (1); 35 MPH (2); 20 MPH (2) (.898; .726; .898)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0031 00281; B74 0031 00592; B74 0031 00715 (PROPOSED); B74 0031 00777 (PROPOSED)

HPMS Sections – AADT 2016: 35,200; 15,000

HPMS Sections – AADT 2015: 34,500; 15,780

HPMS Sections – AADT 2014: N/A (5.91); N/A

DOD Sections

Census Tracts

Functional Classification: PRINCIPLE ARTERIAL (3); PRINCIPLE ARTERIAL (3) (7.276)

National Highway System (NHS): ON NHS (1); ON NHS – UNBUILT

Previous Projects: Project No., Date and Limits
- 790+00 (5.22); STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004; 150+00
- 31AB–01–02, WIDENING, 2003
- STP–031–1(8), RESURFACING 1996 (5.94)
- TGF–RF–031–1(6) 1981 (5.93); F–031–1(3) 1990

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	
Nov. 06	D.B.
Feb. 08	D.B.
Jan. 09	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
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ROAD INVENTORY

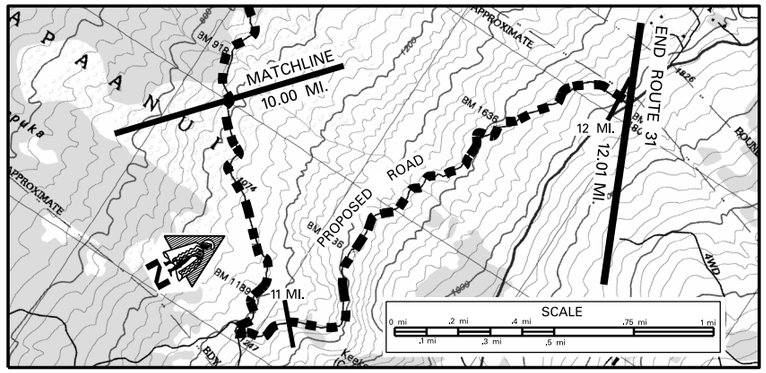
MAUI RTE 31
PIILANI HIGHWAY

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: 7.149 miles
- b. Proposed Length: 4.861 miles
- c. Other Length: 0.00 miles



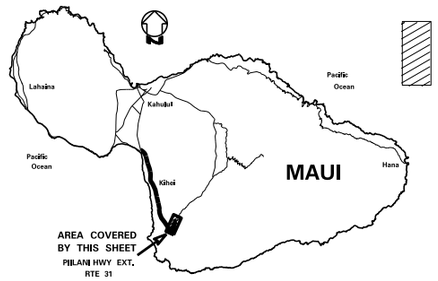
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

Continued from sheet # 2

10.00 mi.

Route 31 – PROPOSED ROAD = 4.86 Mile

NO TRAVELWAY

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

END ROUTE DESCRIPTION
0.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

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 Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (99998)
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 2016
HPMS Sections – AADT 2015
HPMS Sections – AADT 2014
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS) ON NHS – UNBUILT
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
Nov. 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Sept. 13	E.P.J.
Jan. 16	E.P.J.
Jan. 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

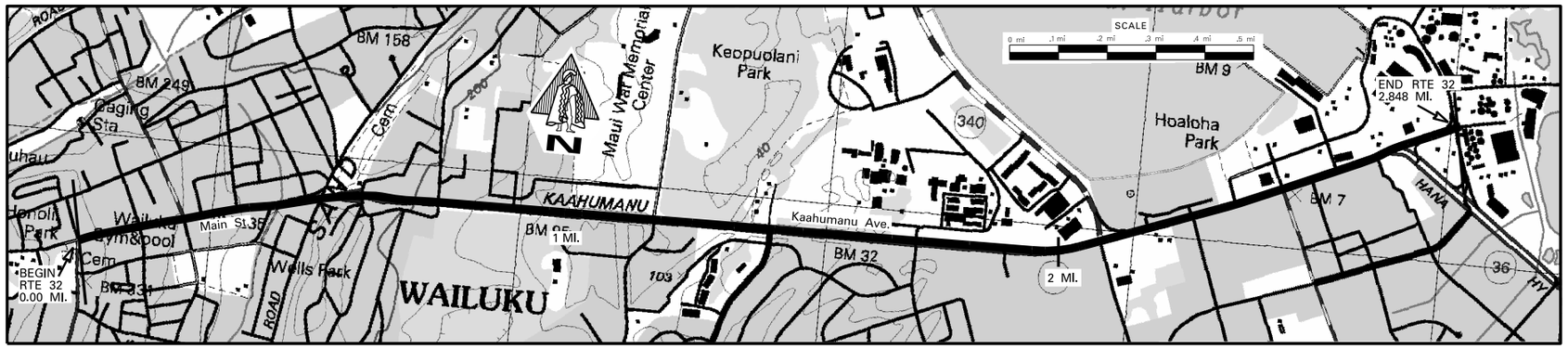
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	2.848	MILES (a+b)
a. Existing Length:	2.848	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	2.848	MILES (a+b, less c)
a. Existing Length:	2.848	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

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 (0.51); 79' (0.60); Conc. Frame 1936 H15

Vertical Clearance

Horizontal Clearance: 34'

Structure Over Road

Vertical Clearance: 14' 10"

Horizontal Clearance: 45'

Right of Way Width (min.–max.) If varies: 50' (0.89); 115' – 265' (2.03); 125' – 160' (2.22); 100' – 145' (2.89); 80' – 100'

Available Right of Way Width (Needs Study): Urban / Commercial (0.78); Bushes with Slight Cut Slope (1.75); Urban / Commercial

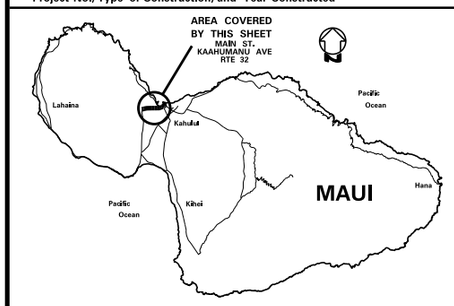
Right of Way Fence: Type – Right and Left: (Chain Link 50' from Edge of Pavement) (0.88)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 8 + 06.93 — State — 4 + 29.26

Project No., Type of Construction, and Year Constructed: NH–032–1(010), Resurface, 2016

Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF., 2004 (0.34); NH–032–1(8), Resurface, 2002



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

High St. 0.014 mi. — Nobojua Ln. 0.064 mi. — Stop Sign 0.086 mi. — Driveway with 0.108 mi. — Church St. 0.141 mi. — S. Church St. 0.197 mi. — Begin Divided 0.245 mi. — S. Market St. 0.271 mi. — End Divided & Begin Undivided 0.295 mi. — Mahuha Dr. 0.337 mi. — Begin Divided 0.367 mi. — Central Ave. 0.403 mi. — Lower Main St. 0.407 mi. — End Divided 0.514 mi. — Kihipopo St. 0.545 mi. — Wailuku LP. 0.603 mi. — Access from Nanihoa Dr. 0.623 mi. — Begin Divided Nanihoa Dr. OP. 0.670 mi. — Access to Nanihoa Dr. 0.755 mi. — Alu Pl. 0.812 mi. — Lunalilo Dr. 0.913 mi. — Kalianai St. 1.013 mi. — Maui Lani Pkwy. 1.190 mi. — Mahalani St. 1.423 mi. — Kanaloa Ave. 1.51 mi. — Papa Ave. 1.724 mi. — Waiehuna Ave. 1.901 mi. — Waikea Ave. 2.000 mi. — Kaahumanu Center Road 2.104 mi. — Kane St. 2.201 mi. — Kahului Beach Rd. (RTE 3400) 2.294 mi. — Entrance to Maui Beach Hotel 2.384 mi. — Kahului Shopping Center 2.483 mi. — Lono Ave. 2.599 mi. — Kinau St. 2.684 mi. — Puunene Ave. (RTE 3500) 2.709 mi. — Wharf St. 2.736 mi. — Ramp to Hana Hwy. (FAP 36) 2.783 mi. — Hana Hwy. 2.829 mi. — Ramp from Hana Hwy. — Ramp from Hobron 2.805 mi.

0 MP — 0.50 MP L&R — 1 MP — 1.50 MP — 2 MP — 2.50 MP

KAAHUMANU AVE – RTE 32

Main Street — Kaahumanu Ave. — Kaahumanu Ave.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
End Rte 32 on Kaahumanu Ave. at the West edge of pavement of Hobron Ave. (Route 32A) Ave. at the West edge of pavement of Hobron Ave. (Ramp to Hobron) *2.848 mi. 2.829 mi.

Divided Highway — Undivided

Scale: 1" = 0.15 mile

Shoulder: Width and Type: 0; 4' AC; 4'–6' AC; 6' Bike Lane; 22' AC; 12'–22' AC; (4' AC)

Pavement: Width and Type: 26' AC; 23' AC; 12' AC; 28' AC; 12' AC; (23' AC); 33' AC; 24' AC; 33' AC; (14' AC)

Shoulder: Width and Type: 0; 14' AC; 4'–8' AC; 1' AC; 2' AC; 1' AC; 2' AC; 1'–5' AC; 1'–3' AC

Median: Width and Type: 4' – 24' Grass (raised); 4'–24' Trees & Shrubs (Raised); 4'–24' Grs. (Raised)

Shoulder: Width and Type: 0; 10' AC; 12' AC; 3' AC; 4 – 10' AC; 1'–5' AC; 1'–3' AC

Pavement: Width and Type: 14' AC; 14' AC; 12' AC; 24' AC; 36' AC; 24' AC; 33' AC; 22' AC; 14' AC; 28' AC; (14' AC)

Shoulder: Width and Type: 0; (1–11'); 0; 3' AC; 4'–6' AC; 6' Bike Lane; 8' AC; 0; 1'–3' AC

Number of Traffic Lanes: 1–11'; 1–12'; 1–14'; 1–12'; 1–11'; 2–11'; 2–12'; 4–12'; 4–12'; 2–11'; 3–11'; 6–11'; 3–11'; 1–12 to 22'; 2–11'; 1–14'; 2–14'

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

(Right Side) PL = 8' Parking Lane

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

Sidewalk: Width and Type (Right and Left): 5' Conc.; 15' AC; 8' Conc.; 4' Conc.; 6' Conc. SW; 6' C.C.; 8' AC; 9' C. SW; 6' Conc. SW

Curb and/or Gutter: Type (Right and Left) 1 = AC Curb: Stone Curb; Conc. Curb; Conc. & Stone Curbs; Conc. Curb 2' Gutter

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

Illumination: Type, Location and Number: Mercury Vapor

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing — Ph. – Phase: 3 Ph.; 3 Ph.; 3 Ph.; 3 Ph.; 4 Ph.; 4 Ph.; 4 Ph.; 4 Ph.; 3 Ph.; 3 Ph.; 3 Ph.; 4 Ph.; 3 Ph.

Traffic Stations (Current Year): B74 0032 00000; B74 0032 00040; B74 0032 00119; B74 0032 00142; B74 0032 00210; B74 0032 00248; B74 0032 00260; B74 0032 00274

HPMS Sections – AADT 2016: 9,900; 24,000; 30,000; 28,300; 47,200; 35,400; 31,000; 3,500

HPMS Sections – AADT 2015: 12,485; 20,900; 24,700; 30,000; 29,712; 51,969; 31,981; 29,918; 3,500

HPMS Sections – AADT 2014: N/A; N/A; N/A; N/A; N/A; N/A; N/A; N/A; N/A

DOD Sections

Census Tracts

Functional Classification: Principal Art. (Conn. Link) (3); Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits: NH–STP–032–1(6), Traffic Signals & Widening, 2002; STP–0900(34), 1998; HWY–M–04–97, 1998 (R); HWY–M–02–91M (R) 1992; 32A–01–89 (R) 1991; 32A–01–89M (R) 1991; 32A–01–83M (R) 1983; DF–032–1(4) 1958; DANCR 1945; County Phase II; WPGM13–H, 1936; WPGM13–I, 1936; (F–032–(2), 1955); F–032–1(1), 1957; (DANC 8(1) 1944)

Scale: 1" = 0.15 mile

Date Released	
May 2001	
Revised	
Nov. 06	D.B.
Dec. 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	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: 0.393 miles
- a. Survey Length: 0.393 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles

SCALE
0 mi .1 mi .2 mi
.05 mi .15 mi .25 mi

SCALE: (In Miles) 20" = 1 mile

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

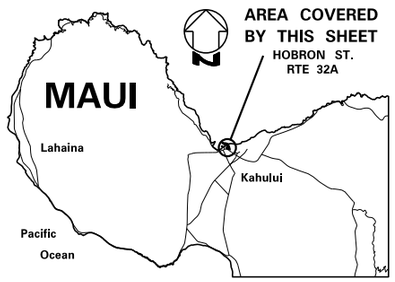
Right of Way Fence: Type – Right and Left: NONE

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 (0.03) STATE (0.17) STATE PHASE II (13+60) (0.39)

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

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



Road Diagram
* MP=Milepost Signage

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

END DIVIDED 0.041 mi. — DRIVEWAY 0.059 mi. — DRIVEWAY 0.101 mi. — South approach 0.132 mi. — KAAHUMANU AVE (RTE 32) 0.154 mi. — North approach 0.178 mi. — AMALA PLACE 0.232 mi. — ALA LUNA ST. 0.383 mi.

HOBRON AVENUE

END ROUTE 32A ON HOBRON AVENUE AT THE GATE TO PIER #1, KAHULUI HARBOR *0.393 MI

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 20" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC (0.37) ← 15' – 20' AC/GRAVEL
- Pavement: Width and Type: 22' AC | 33' AC (.132) | 22' AC
- Shoulder: Width and Type: 0 (.041) | 6' AC (0.10) | 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 (.041)
- Pavement: Width and Type: 11' AC
- Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2 – 11' | 1 – 11' (.132) | 2 – 11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1 – 11' (.178) (.225)

(Right Side): (.027) (.059)

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

Sidewalk: Width and Type (Right and Left): (.07) 6' Conc. Side Walk (.225) (0.23)

Curb and/or Gutter: Type (Right and Left): AC C. (.037) (.047) Conc. Curb (.230)

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: (0.10) 1-Mv (0.15) (0.23) 1-Mv (0.23)

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): C (0.03) A (0.23) C (0.27) A (0.37) E

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

Speed: 1–Design, 2–Posted: 20 MPH (2) | NOT POSTED (.174) | 20 MPH (2) | NOT POSTED

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 032A 00000

HPMS Sections – AADT 2016: 3,800

HPMS Sections – AADT 2015: 3,998 (0.383)

HPMS Sections – AADT 2014: N/A

DOD Sections

Census Tracts

Functional Classification: Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

DANC 8 (1) 1945 (0.22) COUNTY

SCALE: (In Miles) 20" = 1 mile

Date Released
Oct. 2004, G.N.

Revised	
Nov. 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY
MAUI RTE 32B
WHARF STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

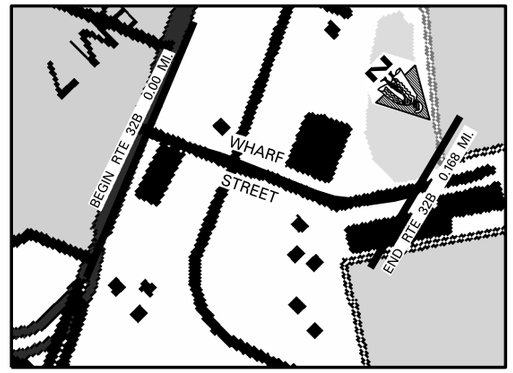
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.168 **miles**

a. Survey Length: 0.168 **miles**

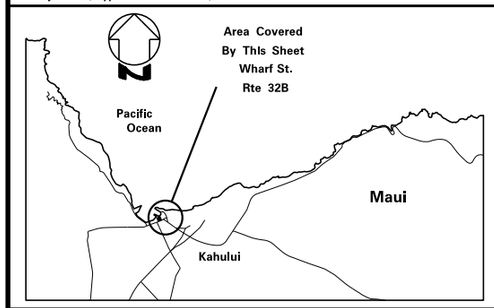
b. Proposed Length: 0.000 **miles**

c. Other Length: 0.000 **miles**



SCALE
0 mi .1 mi .2 mi
.05 mi .15 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
Maintenance Control Sections : Length and Description	32B (0.168 MI) — Begin and end 32B same as begin and end route 32B
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)	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) 0.11 LE–M–01–78M (R) 0.14 WDR 34(1)
Project No., Type of Construction, and Year Constructed	HWY–M–01–91M 1992 (R) 1979



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.

GUARD HOUSE
WHARF STREET
0.071 mi.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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 0.00 8' AC 0.07 10' AC 0.14 30'–50' AC
Divided Highway – Undivided: Pavement: Width and Type	24' AC 0.02 26' AC 0.05 32'–48' AC
Divided Highway – Undivided: Shoulder: Width and Type	2' AC 0.04 4' AC 0.08 0 0.11 40'–50' 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	0.01 0.03 2–12' 1–12' 1–14' 1–14'–18' 1–18'–30'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' T.L. 0.04
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	0.01 0.09
Sidewalk: Width and Type (Right and Left)	6" CONC. 6" CONC.
Curb and/or Gutter: Type (Right and Left)	CONC. CURB CONC. CURB
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	D 0.02 A 0.10 D 0.13 A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998)
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	N/A
Traffic Stations (Current Year)	B74 032B 00000
HPMS Sections – AADT 2016	540
HPMS Sections – AADT 2015	540 — 168
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL (3)
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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
May 13	EPJ
Dec. 13	EPJ
July 14	D.B.
Jan 16	EPJ
Jan 17	EPJ
Feb. 18	D.B.

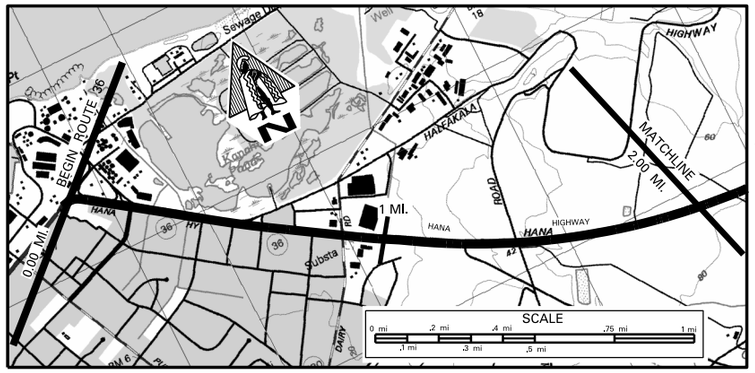
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

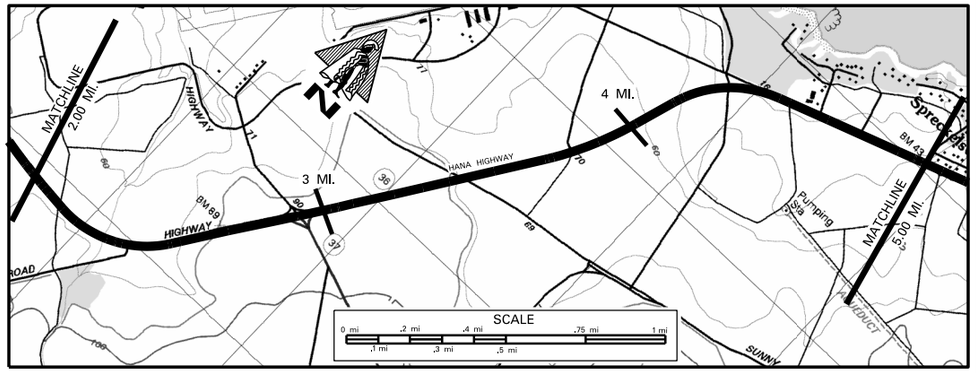
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 16.214 miles
a. Survey Length: 16.214 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 36A same as begin Route 36 — 36A (6.70 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1944 H20 — 53' — PRESTRESSED CONCRETE GIRDER 1991 HS-20-44
- Vertical Clearance: 2.29
- Horizontal Clearance: 105'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) If varies: 100' – 168' — 4.91 — 60'

Available Right of Way Width (Needs Study): URBAN/RESIDENTIAL AREA — 1.00 — 1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT

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

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 22 + 40 — 0.87 — STATE — 182 + 00 — 3.27 — 241 + 00 — 169 + 00 — 4.50 — 4.93

Project No., Type of Construction, and Year Constructed: NH-036-1-(17), PREV. MAINT., 2010 — 0.87 — 0.89 — 130 + 00 — HWY-M-02-08, IMPRV., 2010 — 208 + 00 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

Project No., Type of Construction, and Year Constructed: 36A-01-96M (R), 1999 — 0.15 — 0.27 — STP-036-1(12) Inter. Impr., 2000 — 36A-01-96M (R), 1999 — 43 + 17 — 44 + 17 — NH-036-1(16), RESURFACE, 2010 — 2.39 — 173 + 65 — 3.22 — 3.88 — 36AB-01-04M, RESURFACE, 2005

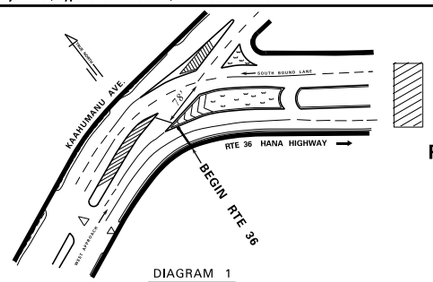


DIAGRAM 1

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

(SEE DIAGRAM 1)

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

0.00 mi. — HOBRON ST (Rte 32A) — 0.031 mi. — WAKEA AVENUE — 0.428 mi. — HANAMAU STREET (Rte 36A) — 0.523 mi. — HALEAKALA HWY (Rte 36A) — 0.614 mi. — KOLOA ST. — 0.721 mi. — PAPA PLACE — 0.783 mi. — DAIRY ROAD (Rte 3800) — 0.875 mi. — ROAD — 0.961 mi. — ECB — HOOKELE ST. — 1.449 mi. — CONC TC & CANE HAUL RD TELEM. STA. 36016 — 1.723 mi. — 1.798 mi. — HANSEN ROAD — 2.009 mi. — KAILIILINUI BR — 2.297 mi. — CULVERT — 2.374 mi. — HALEAKALA HWY (Rte 37) — 2.650 mi. — END DIVIDED — 2.815 mi. — KALA RD. CULVERT — 2.917 mi. — CANE HAUL RD — 3.008 mi. — BEGIN DIVIDED — 3.107 mi. — ROAD (R) STABLE RD. (L) — 3.398 mi. — ALAKAPA PL — 3.434 mi. — END DIVIDED — 3.795 mi. — BEGIN DIVIDED — 4.017 mi. — 4.160 mi. — 4.337 mi. — 4.372 mi. — 4.638 mi. — 4.743 mi. — 4.852 mi. — 4.958 mi. — 5.00 mi.

HANA HWY — 2.196 mi. — 2.468 mi. — ECB

Kamehameha Ave — 0.196 mi. — Hanakai St — 0.614 mi. — 0.961 mi. — 1.723 mi. — 2.374 mi. — 2.650 mi. — 2.815 mi. — 2.917 mi. — 3.398 mi. — 4.638 mi. — 4.852 mi. — 4.958 mi.

ROUTE CONTINUES ON SHEET # 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC — 0.96 — 10' AC — 2.88 — 6' AC — 3.22 — 4' AC
- Pavement: Width and Type: 22' AC — 0.875 — 24' AC — 3.22 — 36' AC — 3.301 — 24' AC — 12' AC — 24' AC — 12' AC
- Shoulder: Width and Type: 4' AC — 0.87 — 0' — 0.95 — 6' AC — 0' — 6' AC — 0' — 4' AC — 0' — 0'

Divided Highway — Divided
- Median: Width and Type: 42' GRASS — 0.87 — 0.92 — 4' CONC. MEDIAN GUTTER — VARIES 16'–24' GRASS — 1.29 — VARIES 20' – 24' GRASS — 2.196 — VARIES 10'–20' PAINTED AC — 2.468 — 4' CONC. MEDIAN GUTTER — VARIES 10'–14' GRASS — 2.823 — VARIES 12'–20' PAINTED AC — 3.107 — 4.160 — 12' PAINTED AC — 4.743 — 4.852 — 12' PAINTED AC
- Shoulder: Width and Type: 4' AC — 0.87 — 0' — 6' AC — 0' — 6' AC — 0' — 0' — 0'
- Pavement: Width and Type: 22' AC — 24' AC — 36' AC — 2.374 — 24' AC — 2.794 — 12' AC — 12' AC — 12' AC
- Shoulder: Width and Type: 6' AC — 0.875 — 0.95 — 10' AC — 2.28 — 5' BIKE LANE — 2.39 — 6' AC — 2.80 — 5' BIKE LANE — 2.97 — (8' – 10' AC) — 4' AC — 6'–8' AC

Number of Traffic Lanes: 2 – 11' — 2 – 11' — 2 – 12' — 2 – 12' — 3–12' — 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): 6' CONC. — 0.22

Curb and/or Gutter: Type (Right and Left): CONC. CURB — 0.22 — 4' – 8' CONCRETE GUTTER

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

Illumination: Type, Location and Number: 0.12 — H P S

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): B — 0.95 — A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): A — 0.22 — B — 1.70 — A — 2.46 — B — 2.76 — A — 3.26 — B — 3.64 — A — 3.77 — B — 4.53 — A — 4.68 — B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Intersection Control Devices: Type, Location and Cycle Timing — ALL 4 PHASE: 3 PHASE

Traffic Stations (Current Year): B74 0036 00000 — B74 0036 00019 — B74 0036 00062 — B74 0036 00087 — B74 0036 00292

HPMS Sections – AADT 2016: 26,600 — 37,300 — 18,800

HPMS Sections – AADT 2015: 28,438 — 38,495 — 27,983 — 41,000 — 18,700

HPMS Sections – AADT 2014: N/A — N/A — N/A — N/A — N/A

DOD Sections

Census Tracts

Functional Classification: PRINCIPLE ARTERIAL (3) — MINOR ARTERIAL (4)

National Highway System (NHS): ON NHS (1) — NOT ON NHS (0)

Previous Projects: Project No., Date and Limits
- 36A-01-96M (R), 1999 — 43 + 17
- STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 — 208 + 00
- HWY-M-01-96M AREA 3 1997
- STP-0900(34) 1998 — AM-1061-12 (IMPROV), 1991 — 36A-02-87M (R) 1988 — 173 + 65 — 36AB-01-04M, RESURFACE, 2005
- 36A-01-90M (R) 1991
- 36A-01-82 Inter. Impr. 1983
- DANC 8(1) 1945 — HWY-M-01-76M (R) 1976 — DANC 8(1) 1943, 1945 — HWY-M-02-76M (R) 1976 — 247 + 00 — NRS – 17A — 1933

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 2004, G.N.

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
May 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

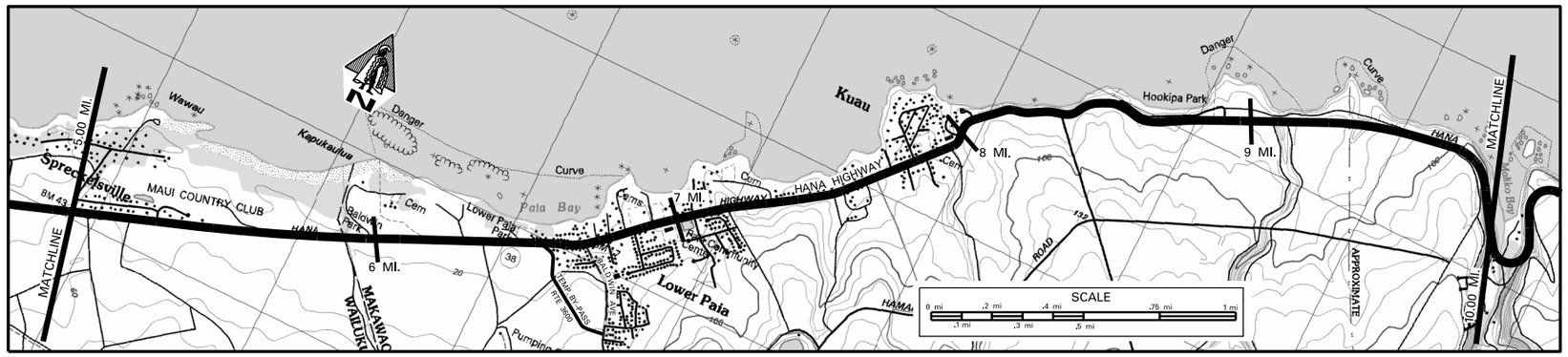
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

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: 16.214 miles
- a. Survey Length: 16.214 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

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

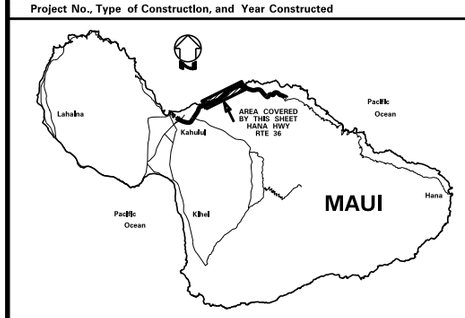
Right of Way Fence: Type – Right and Left: NONE

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: STP–0900(58), GUARDRAIL & SHOULDER IMPR., 2004 | 36AB–02–04M (R) 2006 | 36AB–01–04M, RESURFACE, 2005 | HWY–M–14M, SIGN REPLACEMENT, 2016

Project No., Type of Construction, and Year Constructed: 36AB–01–04M, RESURFACE, 2005 | 36AB–01–95M 1998 (R) | 36AB–01–90M RESURFACE 1991 | 36BC–01–10M, PREV. MAINT., 2011



Road Diagram
* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 1 — ROUTE CONTINUES ON SHEET # 3

5.00 mi. — 10.00 mi.

NONOHE PL. | END DIVIDED | ULUPUA PLACE | BEGIN DIVIDED CULVERT | END DIVIDED ALAWAI RD | Telem. Sta. 36B | PAVED ROAD (PUNA ROAD) | ACCESS TO PAIA MINI-BYPASS RD. (RTE 3600) | BEGIN DIVIDED AE LANE | BALDWIN AVE. HALEU PL. | HOMEPUALANI PLACE | EMANUEL PLACE | LUNA PLACE | KUPONO STREET | LOIO PLACE | HOKU PL. | END DIVIDED LAE STREET (R) | LAE PLACE (L) | HOLO PLACE | BEGIN DIVIDED | PAVED ROAD | KUAU BEACH PL. | HANA HIGHWAY | KAULUA PLACE | KULANI PLACE | WAA PLACE | ULUMAIKA PLACE | KAIMAU STREET | MEHA PLACE | KAIAE LANE | KAHOLO ROAD | ROAD TO MAMA'S FISH HOUSE | HOLOMUA AVENUE | WEST EXIT FROM HOOKIPA PARK | Telem. Sta. 36087 | END DIVIDED EAST ENTRANCE TO HOOKIPA PARK | BEGIN DIVIDED | PAVED ROAD | PAVED ROAD | PAVED ROAD | ROAD TO HAMAKUAPOKO | ROAD

6 MP | 7 MP | 8 MP | 9 MP | 9.5 MP | ECR

(SEE DIAGRAM ON RTE 36 SHEET 4 OF 4)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC | 20' Grass | 0' | 6' AC | 6' GRASS | 4' AC | 6' GRASS | 6' AC
- Pavement: Width and Type: 12' AC | 6'–8' AC | 24' AC | 12' AC | 24' AC | 12' AC | 12' AC | 22' AC | 11' AC | 22' AC
- Shoulder: Width and Type: 0' | 4' AC | 0' | 4' AC | 4' GRS | 0' | 4' AC | 4' AC | 6' GRASS | 4' AC | 6' GRASS | 6' AC | 10' GRASS | 0 | 5' – 6' AC

Divided Highway
- Median: Width and Type: 12' PAINT AC | 10' PAINT AC | 10' PAINT AC | 10' PAINT AC | 0'–10' PAINTED AC
- Shoulder: Width and Type: 0' | 0' | 0' | 0' | 0
- Pavement: Width and Type: 12' AC | 12' AC | 1' AC | 12' AC | 12' AC | 11' AC
- Shoulder: Width and Type: 6'–8' AC | 6'–15' AC | 4' GRS | 6' GRASS | 6' AC

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

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1–11' (L) TL) | (11' 2–WAY (L) TL) 1–14' (R) TL | (1–12' (R) TL)

(Right Side)

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

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

Curb and/or Gutter: Type (Right and Left): 6" CONC. GUTTER

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

Illumination: Type, Location and Number: MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

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

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1–Design, 2–Posted: 35 MPH (2) | 45 MPH (2) | 35 MPH (2) | 20 MPH (2) | 25 MPH (2) | 30 MPH (2) | 35 MPH (2)

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

Traffic Stations (Current Year): B74 0036 00292 | B74 0036 00670 | B74 0036 00836

HPMS Sections – AADT 2016: 18,800 | 14,900 | 13,300

HPMS Sections – AADT 2015: 18,700 | 15,675 | 13,300

HPMS Sections – AADT 2014: N/A | N/A

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits
- 36AB–01–90M RESURFACE 1991 | 36B–02–02, SHLDR, LN., 2005 | 36AB–01–95M, 1996 (R)
- 36AB–01–90M RESURFACE 1991 | 36AB–01–90M (RESURF) 1991 | STP–036–1(8) RESURFACE | STP–036–1(7) 1997
- 36AB–01–75 (RESURF) 1975 | 36B–02–79 (IMPROV) 1979 | 36BC – 01 – 82M (RESURF) 1982
- NRS – 17A 1933 | JOB # 5213 | WDRC 14(1) 1948 | F–036–1(1) REVAMP 1961 | F–036–1(1) 1959

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 2004, G.N.	
Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Jan. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 12	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

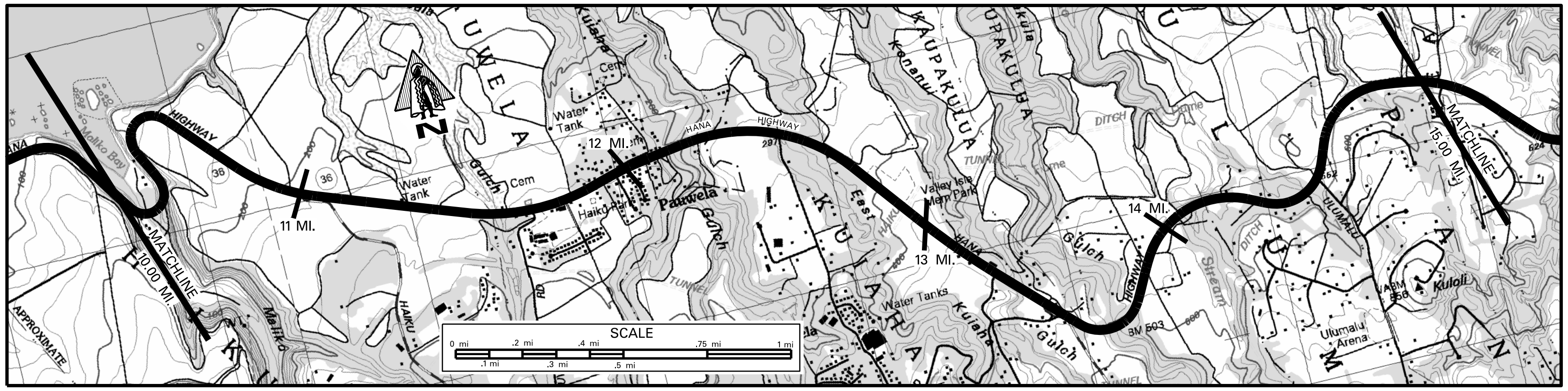
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

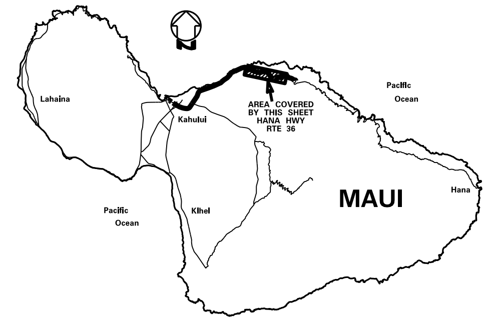
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 16.214 **miles**
a. Survey Length: 16.214 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: 0.00 **miles**



Item	10.00 – 15.00 mi
SCALE: (In Miles) 4″ = 1 mile	10 · 11 · 12 · 13 · 14 · 15
Maintenance Control Sections : Length and Description	36B (4.32 MI) · 11.02 · End 36B, Begin 36C at the centerline intersection of Hana Hwy and Kakomo–Haiku Road · 36C (5.21 MI)
Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed	10.09 TEE BEAM 1961 205′ HS20 · 13.65 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′ · 10.46 · 80′ – 285′ · 13.52 · 80′ – 135′
Available Right of Way Width (Needs Study)	CUT SLOPES · 10.70 · CLR 1000′ PINEAPPLE 20′ FROM PAVEMENT · 11.00 · TREES AND BUSHES · 11.70 · RES. AREA · 12.18 · TREES · 12.80 · CLR 1000′ PINE 15′ FROM PVMT · 13.10 · CUT SLOPES WITH PASTURES AND FARMS
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	HWY–M–01–14M, SIGN REPLACEMENT, 2016
Project No., Type of Construction, and Year Constructed	36BC–01–10M, PREV. MAINT., 2011



Road Diagram
* MP=Milepost Signage

ROUTE CONTINUED FROM SHEET # 2 — 10.00 mi.

HANA HIGHWAY

Feature	Mileage
10 MP	10.008 mi.
MALIKO BRIDGE	10.074 mi.
ECB	10.135 mi.
ROAD	10.161 mi.
10.5 MP	10.522 mi.
HAIKU ROAD	11.002 mi.
11 MP	11.019 mi.
11.5 MP	11.523 mi.
ROAD TO CEMETERY	11.622 mi.
DIRT ROAD (L) PAUWELA ROAD (R) HAIKU COMM. CTR. GATED ACCESS TO PILI ALOHA ST. (R) ROAD (L)	11.693 mi. 11.753 mi. 11.798 mi. 11.821 mi.
AKAHAI PLACE AHONUI PLACE PUUKOA PLACE KAHIAPO PLACE	11.895 mi. 11.920 mi. 11.963 mi. 11.974 mi.
12 MP	12.002 mi.
WAIKINA LOOP (R)	12.127 mi.
WAIKINA LOOP	12.232 mi.
NAHELE ROAD	12.272 mi.
NAHELE RD. (L) W. KUIAHA RD. (R)	12.475 mi.
12.5 MP	12.587 mi.
MEMORIAL PARK VALLEY ISLE	12.912 mi.
13 MP	12.988 mi.
DRIVEWAY (L) E. KUIAHA ROAD (R)	13.258 mi.
HAHANA RD. (L) PE'AHI RD. (R)	13.435 mi.
13.5 MP	13.493 mi.
KAUPAKULUA BRIDGE	13.626 mi.
O'ILI ROAD HOHANI PLACE	13.871 mi. 13.912 mi.
14 MP	14.023 mi.
ULUMALU ROAD 14.5 MP	14.51 mi. 14.53 mi.
KAI HUKI ST.	14.76 mi.

ROUTE CONTINUE ON SHEET #4 — 15.00 mi.

Item	10.00 – 15.00 mi
SCALE: (In Miles) 4″ = 1 mile	10 · 11 · 12 · 13 · 14 · 15
Undivided — Shoulder: Width and Type	6′ AC · 12.95 · 4′ – 6′ AC · 13.52 · 10′ AC · 13.84 · 4′ – 6′ AC
Pavement: Width and Type	22′ AC · .614 · 24′ AC · .698 · 22′ AC
Shoulder: Width and Type	5′ – 6′ AC · 4′ – 6′ AC · 10′ AC · 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	2 – 11′ · .614 · 2– 12′ · .698 · 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)	.906 · .002 · .050 · NONE
Sidewalk: Width and Type (Right and Left)	3′ AC · NONE
Curb and/or Gutter: Type (Right and Left)	(4′ CONC. GUTTER) · 4′ CONC. GUTTER 10.21 · 10.15 4′ CONC. GUTTER · 10.48 3′ CONC. GUTTER · 0.71 · .893 · .990 · .125 · .414 · .569 · .622 · (2′ CONC. GUTTER) · 12.12 · 12.23 · 3′ CONC. GUTTER · 12.34 · 12.41 · (2′ CONC. GUTTER) · (4′ CONC. GUTTER) · 12.56 · 3′ CONC. GUTTER · (2′ CONC. GUTTER) · .481 · 13.52 · 13.64 · 13.70 · 13.74 · 13.78 · 13.76 · 6′ CONC. SWALE · 13.84 · .872 · .976 · .058 · .190 · .364 · .446 · .485 · .793 · .846 · .926 · .996
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.055 · .334 · .372 · .404 · .469 · .521 · .135 · .240 · .475 · .572 · .258 · .371 · .570 · .611 · .830 · .062 · .146 · .229 · .251 · .777 · .857 · .214 · .399 · .575 · .626 · .127 · .232 · .559 · .012 · .098 · .477 · .534 · .604 · .747 · .863 · .895 · .055 · .127 · .165 · .195 · .444 · .477 · .807 · .851 · .937 · .964
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A · 10.04 · E · 10.27 · A · 10.33 · D · 10.57 · A · 13.54 · D · 13.78 · A · 13.88 · B · 14.29 · C · 14.58 · A · 14.61 · B · 14.90 · A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	B · 10.21 · D · 10.73 · C · 11.70 · B · 12.00 · D · 12.11 · C · 12.72 · D · 12.89 · C · 13.38 · B · 13.62 · A · 13.75 · B · 14.22 · C · 14.37 · B · 14.54 · A · 14.71 · B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	.666 · 10.75 · .610 · .032 · ROLLING (2) · .807 · .884
Speed: 1–Design, 2–Posted	35 MPH (2) · .648 · 45 MPH (2) · .622 · 30 MPH (2) · .008 · 45 MPH (2) · .325 · 30 MPH (2) · .023 · 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B74 0036 00836 · 11.02 · B74 0036 01102 · 14.52 · B74 0036 01452
HPMS Sections – AADT 2016	13,300 · 3,800 · 3,800
HPMS Sections – AADT 2015	13,300 · 3,800 · 3,998
HPMS Sections – AADT 2014	(N/A) · 10.09 · N/A · 11.70 · N/A
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL (4)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	12.94 · 13.52 · 13.84 (BR–036–1(15), 2003 BRIDGE REPLACEMENT)
	STP – 036 – 1(8) RESURFACE 1998 · 12.94 · STP – 0900 (39), 1996 RESURFACE
	STP–036–1(7) 1997 · 12.94
	36BC–01–82M 1982 RESURFACE · 12.53 · 12.94 · 36C–01–87M 1987 RESURFACE
	F–036–1(1) 1961 REVAMP · 10.46 · 13.57 · F – 32 (2) 1957
	F–036–1(1) 1959 · 10.46 · F – 32 (3) 1951, 1953 · 13.52 · F – 32 (2) 1946
	180 + 79.87 · 2 + 58.86 · 164 + 34.19 · 3 + 34.19
SCALE: (In Miles) 4″ = 1 mile	10 · 11 · 12 · 13 · 14 · 15

Date Released	
Oct 2004	GN
Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Jan. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

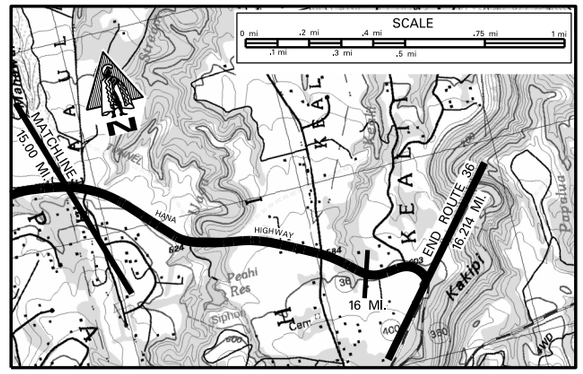
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

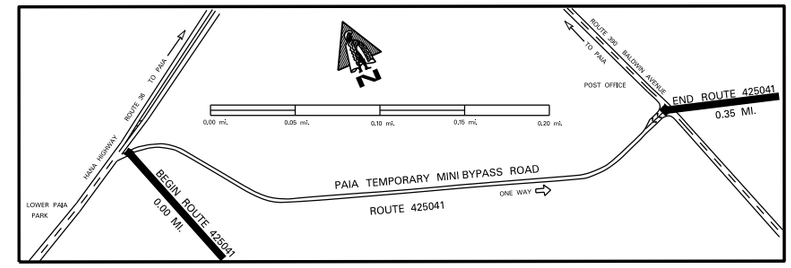
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 16.214 miles
- a. Survey Length: 16.214 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
- Vertical Clearance: 315'
- Horizontal Clearance: 15.49 — 44'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies: 80' – 135'

Available Right of Way Width (Needs Study): CUT SLOPES W/PASTURES & FARMS

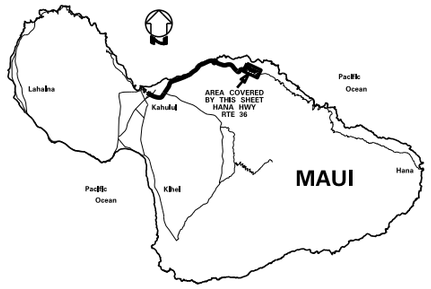
Right of Way Fence: Type – Right and Left:

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

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

Project No., Type of Construction, and Year Constructed: HWY-M-01-14M, SIGN REPLACEMENT, 2016

Project No., Type of Construction, and Year Constructed: 36BC-01-10M, PREV. MAINT., 2011



Road Diagram
* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET #3 — 15.00 mi.

HEAAULA PLACE MANAWAI PL. — 15.061 mi., 15.046 mi., 15.005 mi.
UAOA BRIDGE — 15.439 mi., 15.414 mi.
HOOKILI ROAD — 15.639 mi.
HOLOKAI ROAD — 15.845 mi.
HAUMANA ROAD — 16.023 mi.
16.125 mi.

HANA HWY — 15 MP, 15.5 MP, 16 MP

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 36 ON HANA HIGHWAY AT THE CENTERLINE INTERSECTION WITH KAUPAKALUA ROAD. SAME AS BEGINNING OF ROUTE 360.
*16.214 mi.

0.00 MI. BEGIN ROUTE 425041 ON PAIA TEMPORARY BYPASS ROAD AT GATED ENTRANCE FROM HANA HIGHWAY.

DIRT ROAD — 0.12 mi.
EFFECTIVE MAY 11, 2011
OPEN 24/7
ROUTE 425041 — PAIA TEMPORARY MINI BYPASS ROAD
ONE WAY

END ROUTE 425041 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
- Pavement: Width and Type: 22' AC | 15.429 | 24' AC | 15.597 | 22' AC
- Shoulder: Width and Type: 4' – 6' AC

NOTE: PAVEMENT WIDTHS INCLUDE TURNING LANES FROM 0.33 MI. TO 0.35 MI.

- Shoulder: Width and Type: 2' AC
- Pavement: Width and Type: 12' AC | 0.33 | 24' 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 – 11' | 15.429 | 2 – 12' | 15.597 | 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

Frontage Road: No. of Lanes, and Width (Right and Left): NONE

Sidewalk: Width and Type (Right and Left): (4' CONC. GUTTER)

Curb and/or Gutter: Type (Right and Left): (2' CONC. GUTTER) — .080 .190 .257 .649 15.429 15.597 .886 .968 .975 .125

Protective Devices: Type, Location and Number: All Metal Rails on Metal Posts unless otherwise noted. — .092 .155 .432 .566 .886 .968 .975

Illumination: Type, Location and Number:

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)
- A .135 B 15.429 A .135 C .086 D
- E .040 A .007 D .012 A .027 E

Superelevation (Range):

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): B 15.429 C; C

Vertical Curve: Crest or Sag, Curve Limits:

Area and Development: SMALL URBAN (99998); RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (2); FLAT (1)

Speed: 1–Design, 2–Posted: 35 MPH (2) — .043 — (NOT POSTED); NOT POSTED 0.09 20 MPH (2) 0.21 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing:

Traffic Stations (Current Year): B74 0036 01452

HPMS Sections – AADT 2016: 3,800

HPMS Sections – AADT 2015: 3,998 — 16.214

HPMS Sections – AADT 2014: N/A — 15.586 — N/A

DOD Sections:

Census Tracts:

Functional Classification: MINOR ARTERIAL (4); PRIVATE (26)

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

Previous Projects: Project No., Date and Limits:
- 15.36 — 15.61 — (BR-036-1(14), 2002 Bridge Replacement)
- STP-0900(39), 1996 RESURFACE
- 36C-01-87M 1987 RESURFACE — 16.09
- F-32(2) 1957 — 16.09
- F-32(2) 1946 — (37+21.48) — 16.05 — (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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 15	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

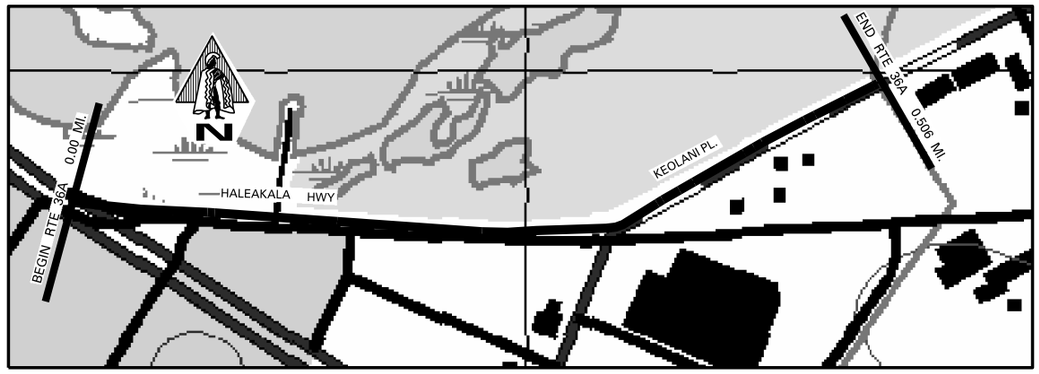
ROAD INVENTORY
MAUI RTE 36A
HALEAKALA HWY., KEOLANI PL.

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: 0.506 miles
a. Survey Length: 0.506 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE
0 mi .1 mi .2 mi
.05 mi .15 mi .25 mi

SCALE: (In Miles) 20" = 1 mile

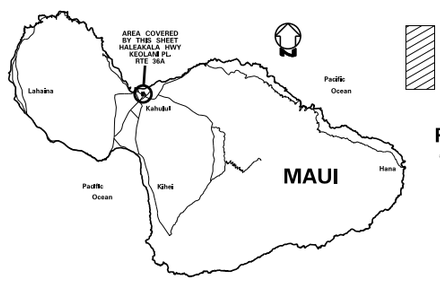
0.0 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies — 0.32: 60'
Available Right of Way Width (Needs Study) — BUSHES; COMMERCIAL AREA
Right of Way Fence: Type – Right and Left
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) — I-0 + 95; S T A T E; 339 + 81.37
Project No., Type of Construction, and Year Constructed — 0.05–0.05: HWY–M–02–16M, PREVENTIVE MAINTENANCE, 2017
Project No., Type of Construction, and Year Constructed — COUNTY; 0.04–0.05: HWY–M–01–05M, RESURF., 2006; 0.06–0.32: HWY–M–01–76M 1976



Indicates Grass & / or Physical Barrier on Median.

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 0.052 mi. — KOLOA ST 0.148 mi. — HALEAKALA HWY — DAIRY ROAD 0.319 mi. — RAMP FROM HALEAKALA HWY 0.365 mi. — END DIVIDED 0.43 mi. — TELEM. STA. 36A005 0.506 mi.

HALEAKALA HIGHWAY; KEOLANI PLACE

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

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 (.319); 10' GRAVEL (0.46); 25' GRAVEL
- Pavement: Width and Type — 12' BP; 12' AC; 11' AC (.355); 12' AC (.418); 36' AC
- Shoulder: Width and Type — 0'; 10' GRASS

Divided Highway
- Median: Width and Type — 6–32' GRASS W/CONC. CURB; (0.05) 0' – 12' PAINTED AC
- Shoulder: Width and Type — 0'
- Pavement: Width and Type — 12' BP; (0.05) 12' AC; (.319) 22' AC; (.390) 24' AC
- Shoulder: Width and Type — 0'; 12' GRASS (.365)

Number of Traffic Lanes — 2 – 12'; 1 – 11'; 2 – 11' (.390); 1 – 12'; 2 – 12'; 1–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — (.248) 10'; (.319)
(Right Side) — (.08) (.148) 10'; 1–10'; (.39)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) — (.04) 4' Concrete Sidewalk (.308); (.316) 6' Conc. Side Walk; (.339) 6' Conc. Side Walk
Curb and/or Gutter: Type (Right and Left) — (.04) .092 AC Curb .200 Concrete Curb and Gutter (.308); (.316) Conc. Curb 2' Conc. Gutter; (.339) Conc. Curb 2' Conc. Gutter
Protective Devices: Type, Location and Number — (0.05)
Illumination: Type, Location and Number
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) — A (0.18); B (0.20); A (0.31); E (0.33); A
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) — A
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: — SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous — FLAT (1)
Speed: 1–Design, 2–Posted — 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — (.316)
Traffic Stations (Current Year) — B74 036A 00000; B74 036A 00032
HPMS Sections – AADT 2016 — 7,400; 14,400
HPMS Sections – AADT 2015 — 11,500; 15,500
HPMS Sections – AADT 2014 — N/A; N/A (0.506)
DOD Sections — (0.32)
Census Tracts
Functional Classification — MINOR ARTERIAL (4)
National Highway System (NHS) — NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
- (0.04) HWY–M–01–91M 1992 (RESURFACE) (0.04)
- (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
Feb. 11	D.B
Feb. 12	D.B
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B

ROAD INVENTORY

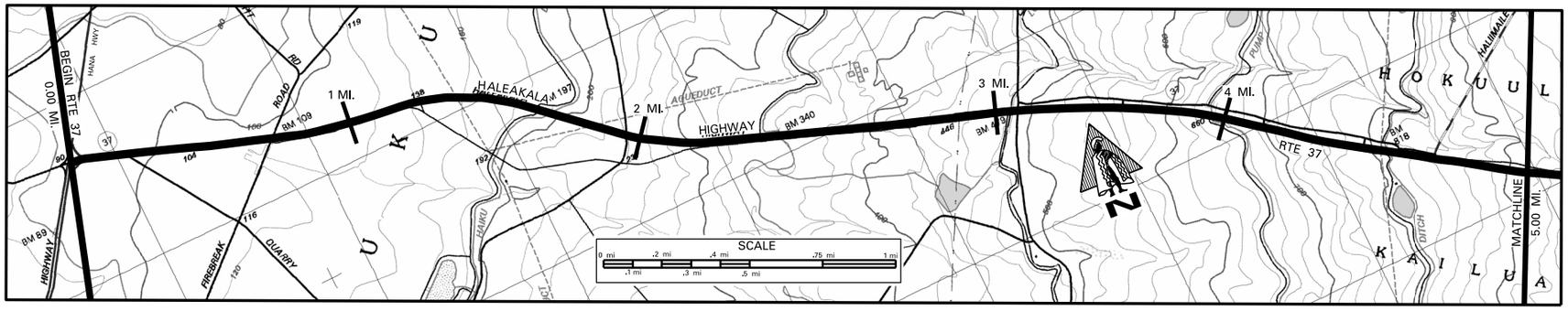
MAUI RTE 37
HALEAKALA HWY & KULA HWY

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: 21.344 miles
- a. Survey Length: 21.344 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 37B on Haleakala Highway at the centerline intersection with Hana Highway — 37B (4.76 MI) — End 37B – Begin 37C on Haleakala Hwy at the centerline with Halimaile Road (4.76)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CONCRETE CULVERT 35' 1973 HS-20
- Vertical Clearance
- Horizontal Clearance: 48'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies: 50' (0.74) – 60' (3.05) – 120' – 140' (4.76) – 140' – 200'

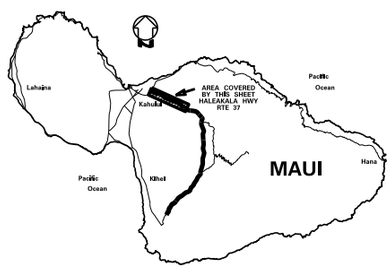
Available Right of Way Width (Needs Study): CLEAR 1000' – SUGAR CANE 30' FROM EDGE OF PAVEMENT

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

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): NH-037-1(24), WIDENING, 2009

Project No., Type of Construction, and Year Constructed: HWY-M-01-06M, RESURFACING, 2007 (0.00–0.90); 37D-01-90 (TRUCK CLIMBING LANE) 1991 (0.90–4.76); 37C-02-90, 1993 NEW ALIGN. (4.76)



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 HWY TO HANA (0.044 mi.) — RAMP FROM HANA HWY (0.008 mi.) — BLOCKED QUARRY ROAD (0.144 mi.) — 0.191 mi. — 0.606 mi. — NORTH FIRE BREAK RD & T.C. TELEM. STA. 37006 (0.702 mi.) — ECB (0.836 mi.) — 1 MP (0.906 mi.) — 0.958 mi. — PAVED RD (1.217 mi.) — CULVERT (1.624 mi.) — ROAD (1.676 mi.) — 2 MP (1.935 mi.) — CULVERT (2.405 mi.) — PAVED ROAD (2.466 mi.) — ROAD (2.980 mi.) — 3 MP (3.066 mi.) — KEAHOA RD. LOWRIE BRIDGE ECB (3.206 mi.) — 500' ELEV. SIGN (3.289 mi.) — EMERGENCY ESCAPE RAMP (3.367 mi.) — ROAD (3.632 mi.) — PAVED RD (3.820 mi.) — 4 MP (4.066 mi.) — ROAD (4.135 mi.) — PAVED RD CONC BRIDGE (4.484 mi.) — HALIMAILE ROAD (4.565 mi.) — 4.734 mi. — CONTINUES ON SHEET #2 5.00 mi.

HALEAKALA HIGHWAY

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 6' AC – 4' GRASS
- Pavement: Width and Type: 12' AC (.059) — 24' AC
- Shoulder: Width and Type: 0' — 4' AC

Median: Width and Type: 4'–22' PAINTED AC (.184) — 16'–28 GRASS (0.702) — 16' GRASS FLUSH (0.836) — (0–16' PAINTED AC) (0.906) — 12'–24' GRASS (Guardrail .726, .411, .555, .281, .247, .865, .632)

Shoulder: Width and Type: 0' — 4' AC — 8' AC

Pavement: Width and Type: 12' AC (.059) — 24' AC — 24' PCC

Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–12' — 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (Right Side): 1–12' AC (.059); (1–12' (L) TL) (.425, .702, .845, .143, .217, .276, .859, .935, .015, .590, .046, .142, .359, .135, .214, .497, .887, .324, .001)

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 noted. CB = Concrete Barrier: CB (.282, .586); (.638, .726, .633, .701); (.452, .512, .435, .487); (.222, .340, .213, .282); (.486, .698, .530, .600)

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): B — 0.49 — A — 0.84 — B — 1.47 — C — 3.46 — D — 4.61 — C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1–Design, 2–Posted: 35 MPH (2) (.196) — 55 MPH (2) — 45 MPH (2) (.659) — 45 MPH (2) (.823) — 55 MPH (2) — 45 MPH (2) (.697) — 45 MPH (2) — 45 MPH (2) (.056) — 55 MPH (2) (.269, .392, .507, .734) — 45 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: (.132) — 3 PHASE (.702, .958)

Traffic Stations (Current Year): B74 0037 00000 — B74 0037 00473

HPMS Sections – AADT 2016: 32,000 — 28,800

HPMS Sections – AADT 2015: 31,200 — 28,300

HPMS Sections – AADT 2014: 4.57 — N/A — N/A

DOD Sections

Census Tracts: DOD 710

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits:
- 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) 0.68
- FAP E-6E 1933 0.65
- 0.08 FAP E-5E 1932 0.70 — F-037-1(7) 1972 — 4.94

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.
May, 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	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: 21.344 miles
- a. Survey Length: 21.344 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 37C (9.25 MI)

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

Vertical Clearance: 24'; 28'

Structure Over Road — Horizontal Clearance

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

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

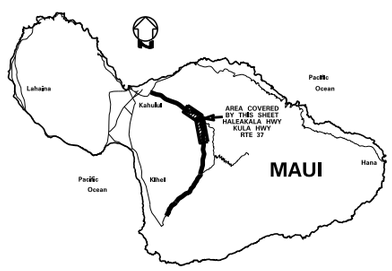
Right of Way Fence: Type – Right and Left: ALL WIRE ON WOOD

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (HWY–M–01–06M, RESURF., 2007); (HWY–M–01–06M, RESURF., 2007)

Project No., Type of Construction, and Year Constructed: NH–037–1(24), 2009, WIDENING; 37C–01–13M, RESURFACE, 2014; STP–0900(073),(R),2015; 37CD–01–02M, REPAIR & MAINT., 2004

Project No., Type of Construction, and Year Constructed: 37C–02–90, 1993, NEW ALIGNMENT; 37C–01–92 1993 NEW ALIGNMENT (PHASE II); STP–037–1(18) RESURFACE 1994; 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.

ECB; ROAD; TELEM. STA. 37052; END DIVIDED; ON RAMP FROM OLD HALEAKALA HWY & BEGIN DIVIDED OLD HALEAKALA HWY TO ROAD; END DIVIDED; PAVED ROAD & T.C.; HALEAKALA; BEGIN DIVIDED ROAD; MAKAWAO ROAD; ECB; BEGIN DIVIDED PAVED ROAD & END DIVIDED; HIGHWAY; MAKAWAO AVE (RTE 365); END DIVIDED Road to WATER TANK; T.C. BEGIN DIVIDED; HALEAKALA HWY (RTE 377); Kula Jct.; OLD HALEAKALA HWY; KULA; MAKA'ENA PL; KING KEKAULIKE HIGH SCHOOL; ECB; A'APUEO PKWY. HAAKAKAI BRIDGE; HIGHWAY; OHANA STREET END DIVIDED; LOWER KULA DR.(R) HOOPALUA DR.(L); NOHOLOA STREET; OLD LOWER KULA ROAD; ECB; KALIALINUI BRIDGE; DRIVEWAYS; DRIVEWAYS

5 MP; 6 MP; 6.50 MP; 7 MP; 7.50 MP; 8 MP; 8.50 MP; 9 MP

5.027 mi. 5.037 mi. 5.106 mi. 5.128 mi. 5.207 mi. 5.243 mi. 5.386 mi. 5.470 mi. 5.495 mi. 5.630 mi. 5.857 mi. 6.024 mi. 6.063 mi. 6.500 mi. 6.533 mi. 6.572 mi. 6.714 mi. 6.834 mi. 6.928 mi. 6.935 mi. 6.991 mi. 7.060 mi. 7.207 mi. 7.411 mi. 7.439 mi. 7.549 mi. 7.585 mi. 7.741 mi. 7.861 mi. 7.989 mi. 8.087 mi. 8.126 mi. 8.168 mi. 8.251 mi. 8.379 mi. 8.392 mi. 8.645 mi. 8.75 mi.(p) 8.916 mi. 9.043 mi. 9.145 mi. 9.238 mi. 9.376 mi. 9.539 mi. 9.833 mi.

CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided:
- Shoulder: Width and Type: 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 6' AC
- Pavement: Width and Type: 24' AC; 48' AC; 12' AC; 36' AC; 12' AC; 12' AC; 24' AC; 12' AC; 24' AC
- Shoulder: Width and Type: 4' AC; 0'; 6'–10' AC; 0'; 10' AC; 0'; 0'; 0'; 6' AC

Divided Highway — Median:
- Median: Width and Type: 12'– 24' GRASS; 24'–0' PAINT AC; 8' PAINT AC; MILLED CENTERLINE; 12' PAINT AC; RUMBLE STRIP; 12' PAINT AC; 12' PAINT AC
- Shoulder: Width and Type: 8' AC; 0'; 0'; 0'; 0'; 0'
- Pavement: Width and Type: 24' PCC; 24' AC; 24' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 6' AC; 6'–10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 6' AC

Number of Traffic Lanes: 4–12'; 1 – 12', 2 – 12'; 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): 3' Conc. S.W.

Curb and/or Gutter: Type (Right and Left): AC CURB; PCC CURB; C.C 2' C.G.

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A; B; A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): (C) D; E; C; E; D; C; D; C; D; C; D; E; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998); RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1); ROLLING (2)

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

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

Traffic Stations (Current Year): B74 0037 00473; B74 0037 00563; B74 0037 00774; B74 0037 00940

HPMS Sections – AADT 2016: 28,800; 13,100; N/A; 12,700

HPMS Sections – AADT 2015: 28,300; 13,781; 12,100

HPMS Sections – AADT 2014: N/A; N/A; N/A

DOD Sections: DOD 705; DOD 700

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3); MINOR ARTERIAL (4)

National Highway System (NHS): ON NHS (1); NOT ON NHS (0)

Previous Projects: Project No., Date and Limits

37C–02–90, 1993, NEW ALIGNMENT; 37C–02–90 1993 (NEW ALIGNMENT); 37C–01–81M 1981 (RESURFACE); 37C–01–91 1992 RIGHT TURN LANE; WDRC 14(1) 1948; (STP–037–1(23), INTERSECTION IMPR., 2007); 37C–01–92 1993 NEW ALIGNMENT (PHASE II); (37C–01–97, 1998); 37C–02–82 INTER. IMPROV.; 37CD–01–80M 1980 RESURFACE; FAP 58 1929; (RF–037–1(14) 1970); 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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

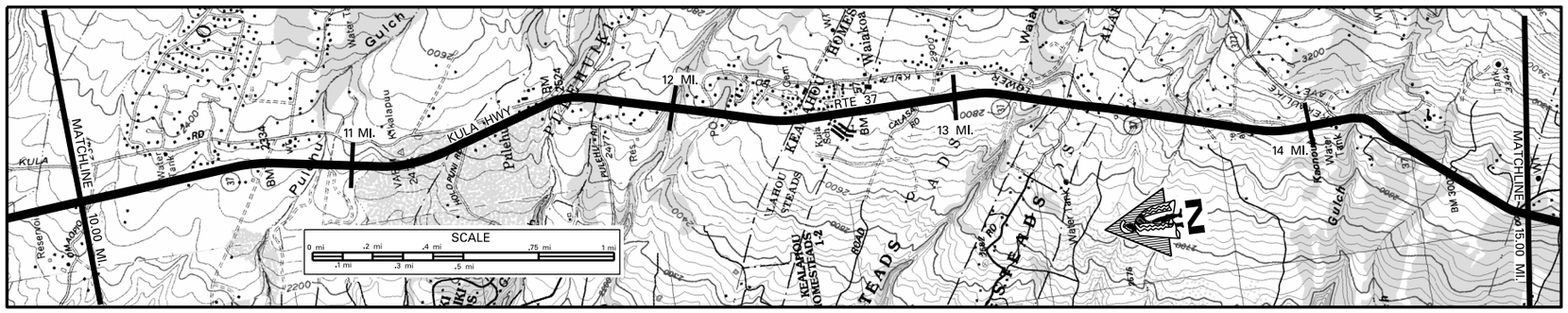
ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY. & KULA HWY.

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: 21.344 miles
- a. Survey Length: 21.344 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



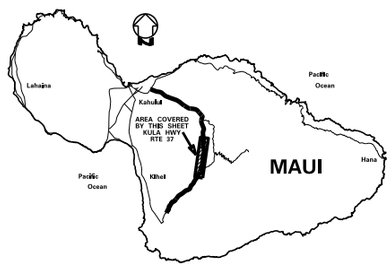
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 37C (9.25 MI)
- 14.29 END 37C – BEG.37D ON KULA HWY AT THE CENTERLINE OF KEKAULIKE AVE

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 Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.–max.) If varies: 90' – 270'; 60'
- Available Right of Way Width (Needs Study): PASTURE AND RANCH LANDS; RESIDENTIAL
- Right of Way Fence: Type – Right and Left (All fences: Wire on Wood (unless indicated)): NONE
- Control of Access: 1–None, 2–Partial, 3–Full: STATE
- Jurisdiction, Transfer Phase No. and Date (C to S or S to C): M7 – 04.31
- Project No., Type of Construction, and Year Constructed: 37CDE–01–07M, RESURFACE, 2010
- Project No., Type of Construction, and Year Constructed: 37CD–01–02M, REPAIR & MAINT., 2004



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi. — OMAOPIO ROAD; BEGIN DIVIDED; KEONI PLACE (R) DRIVEWAY (L); ROAD TO ENCHANTING GARDENS (10 MP); END DIVIDED; NAELE ROAD; PAVED ROAD; KULA HIGHWAY; HOLOPUNI ROAD ECB (11 MP); KE STREET; LOWER KULA ROAD; KAMEHAMEHA ROAD; KEAHUAIWI BRIDGE; POST OFFICE ROAD; LOWER KULA ROAD (12 MP); KULA ELEM. SCHOOL; KULA ELEM. SCHOOL; CALASA ROAD; COPP ROAD; NAALAE RD.(R) MALIA LOKEPA PL.(L) (13 MP); CULVERT; CULVERT; CULVERT; LOWER KULA ROAD; KEKAULIKE AVE (Route 377) (14 MP); MAUDS PLACE KAPOHOI BRIDGE; CULVERT; POLIPOLI ROAD (14.5 MP) — 15.00 mi.

CONTINUES ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided	Shoulder: Width and Type			6' AC	2' – 6' AC
	Pavement: Width and Type	24' AC	12' AC	24' AC	24' AC
	Shoulder: Width and Type	6' AC	0	6' AC	2' – 6' AC
	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 – 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): 3' Conc. S.W. .987 .025; C.C. 2' C.G. .986 .023; 2' Conc. Gutter .270
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)
- Illumination: Type, Location and Number
- Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A; D; A
- Superelevation (Range)
- Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): B; C; D; C; B; C; D; C; B; C; D; C; B; C; B; A
- Vertical Curve: Crest or Sag, Curve Limits
- Area and Development: SMALL URBAN (99998); RURAL (99999)
- Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (2)
- 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 01001; B74 0037 01255; B74 0037 01422; (B74 0037 00140)
- HPMS Sections – AADT 2016: (12,700); 8,300; 6,000; 5,500; (2,600)
- HPMS Sections – AADT 2015: (12,100); 8,300; 6,000; 5,500; (2,600)
- HPMS Sections – AADT 2014: N/A; N/A; N/A; N/A
- DOD Sections
- Census Tracts
- Functional Classification: MINOR ARTERIAL (4); MAJOR COLLECTOR (5)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits
  - STP–037–1(21) RESURFACE 1999
  - STP–037–1(19) 1996 GUARDRAIL & SHOULDER
  - 37C–01–88M 1988 RESURFACE
  - BF–037–1(1) 1962
  - STP–037–1(18) WIDEN & RESURFACE 1994
  - 37D–01–75 1978 WIDEN & RESURFACE
  - FAP 13A 1932

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
Nov., 06	D.B.
Dec., 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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PREPARED BY THE
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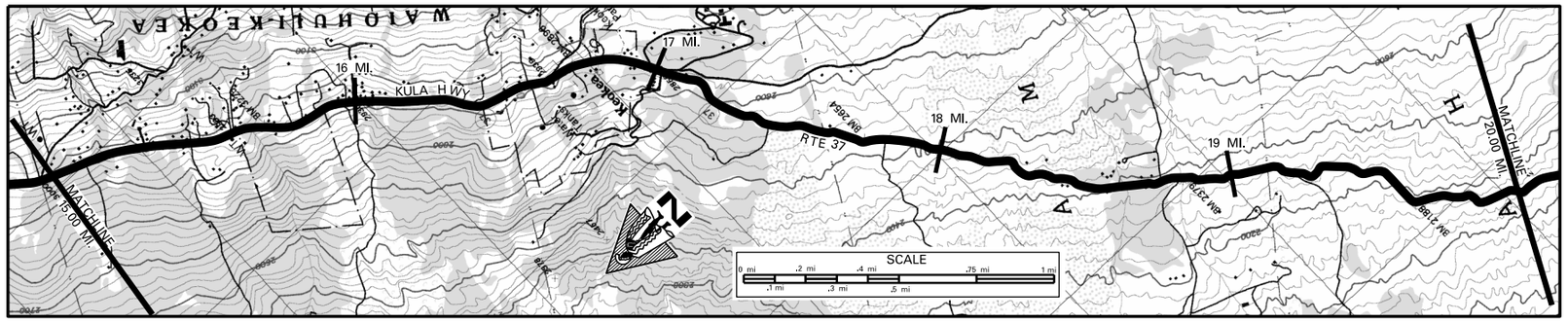
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 21.344 miles
- a. Survey Length: 21.344 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles

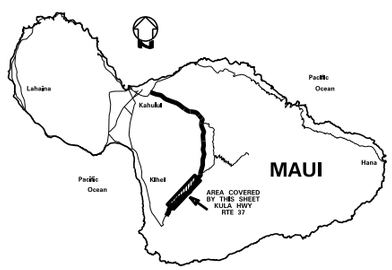


SCALE: (In Miles) 4" = 1 mile

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 STONEWALLS
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: 37E-01-12M, PAVEMENT PREV. MAIN., 2013
Project No., Type of Construction, and Year Constructed: 37CDE-01-07M, RESURFACE, 2010



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3 — 15.00 mi.

PUEO DRIVE CULVERT (15.062 mi.) — LAUVIE DR. PLACE LEPELEPE WAIOHULI "A" BR. (15.029 mi.) — MALIA ULI PL. CULVERT (15.200 mi.) — (15.205 mi.) — (15.270 mi.) — (15.241 mi.) — (15.424 mi.) — (15.411 mi.) — MALAMAHALE PL. (15.564 mi.) — WAIOHULI "B" BR. KULA MAKAI FARM LN. (15.627 mi.) — (15.676 mi.) — (15.772 mi.) — MAUKANANI ROAD (15.975 mi.) — CULVERT (16.147 mi.) — (16.275 mi.) — CROSS ROAD (16.642 mi.) — PAVED ROAD TO PARK (16.796 mi.) — (16.775 mi.) — THOMPSON ROAD KEOKEA PL. (17.000 mi.) — (16.969 mi.) — KA'AMANA RD (17.276 mi.) — (17.220 mi.) — (17.778 mi.) — (18.261 mi.) — CULVERT (18.609 mi.) — KEALAKAPU ROAD KAMAOLE RD. (18.798 mi.) — (18.778 mi.) — (18.721 mi.) — (19.274 mi.) — (19.778 mi.) — CONTINUES ON SHEET # 5 — 20.00 mi.

KULA HIGHWAY

15 MP — 15.5 MP — 16 MP — 16.5 MP — (ROAD TO KULA SANITORIUM) — 17 MP — 17.5 MP — 18 MP — 18.5 MP (DOCTOR SUN YAT SEN MEMORIAL PARK) — 19 MP — 19.5 MP

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' – 6' AC; 2' AC
- Pavement: Width and Type: 24' AC; 22' AC; 20' AC
- Shoulder: Width and Type: 2' – 6'; 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 – 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)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. RW = Rock Wall
Illumination: Type, Location and Number: INCANDESCENT
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING (2)
Speed: 1–Design, 2–Posted: 35 MPH (2); 25 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B74 0037 01493; B74 0037 01700
HPMS Sections – AADT 2016: 2,600; 1,400
HPMS Sections – AADT 2015: 2,600; 1,400
HPMS Sections – AADT 2014: N/A; N/A; N/A
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
- 37CD-01-02M, REPAIR AND MAINTENANCE, 2004
- STP-037-1(18) WIDEN & RESURFACE 1994
- 37E-01-93M WIDEN & RESURFACE 1994
- 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.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	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

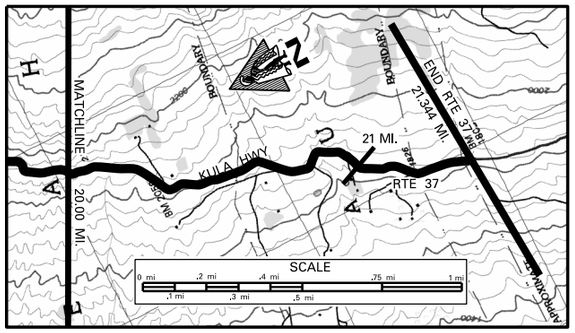
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 21.344 **miles**

a. Survey Length: 21.344 **miles**

b. Proposed Length: 0.00 **miles**

c. Other Length: 0.00 **miles**



SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Maintenance Control Sections : Length and Description

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

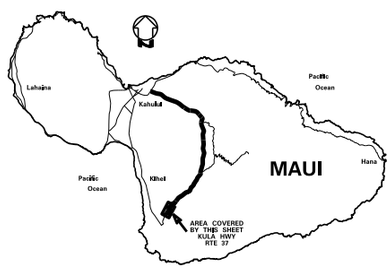
Right of Way Fence: Type – Right and Left — WIRE ON WOOD (20.08); WIRE ON WOOD

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

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

Project No., Type of Construction, and Year Constructed — 37E–01–12M, PAVEMENT PREV. MAIN., 2013 (21.30)

Project No., Type of Construction, and Year Constructed — 37CDE–01–07M, RESURFACE, 2010 (21.35)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #4

20.00 mi.

KULA HIGHWAY

20 MP — 20.280 mi.

20.5 MP — 20.781 mi.

DRIVEWAY — 21.163 mi.

END STATE HWY SIGN — 21.296 mi. / 21.288 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END ROUTE 37 ON KULA HIGHWAY @ THE CENTERLINE OF MAKENA ROAD

*21.344 mi.

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Divided Highway — Undivided

Shoulder: Width and Type — 2' AC

Pavement: Width and Type — 20' AC

Shoulder: Width and Type — 2' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — 2 – 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)

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. RW – Rock Wall — RW (20.07)

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62) — DE (20.07) A (20.16) D (20.24) A (20.28) E (20.32) D (20.47) A (20.51) D (20.58) EB (20.62) A (20.74) EB (20.78) E (20.86) FB (20.90) E (20.99) D (21.07) E (21.10) ABA

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45) — C (20.23) D (20.76) C (21.32) D

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — RURAL (99999)

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

Speed: 1–Design, 2–Posted — 25 MPH (1) (.272) (NOT POSTED)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B74 0037 01700

HPMS Sections – AADT 2016 — 1,400

HPMS Sections – AADT 2015 — 1,400 (21.344)

HPMS Sections – AADT 2014 — N/A

DOD Sections

Census Tracts

Functional Classification — MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits — 37E–01–93M RESURFACE 1994

SCALE: (In Miles) 4" = 1 mile

20 | 21 | 22 | 23 | 24 | 25

Date Released	
Oct 2004	GN
Revised	
Nov., 06	D.B.
April, 09	D.B.
Jan., 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Feb. 13	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY
MAUI RTE 310
NORTH KIHEI ROAD

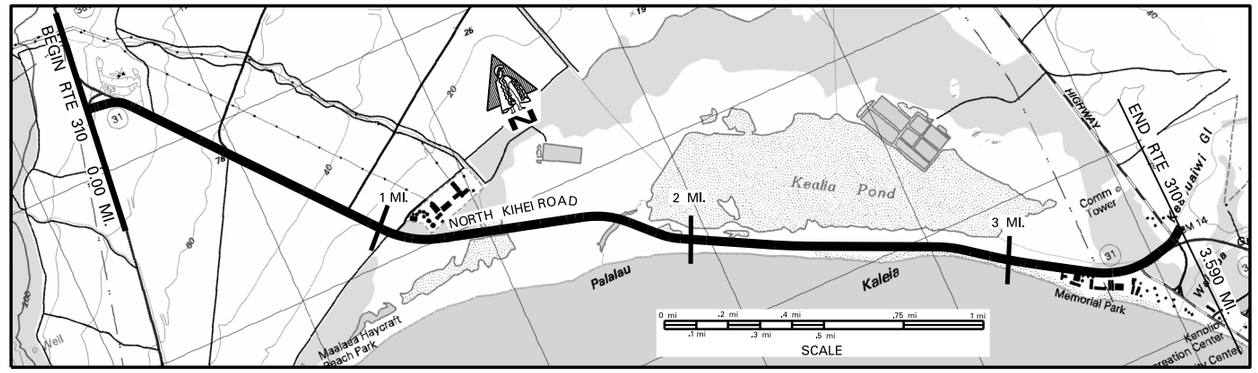
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	3.590	MILES (a+b)
a. Existing Length:	3.590	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	3.590	MILES (a+b, less c)
a. Existing Length:	3.590	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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies: 200' | 130' (0.09–0.16) | 60' (0.16–0.87) | 40' (0.87–3.31) | 110' – 160' (3.31–3.41) | 160' – 340' (3.41–3.59)

Available Right of Way Width (Needs Study): 1000' Clear, Cane Field 30' from Pavement | Ranch & Pasture (L), Beach (R) (1.02–3.14) | Resort Area (3.14–3.59)

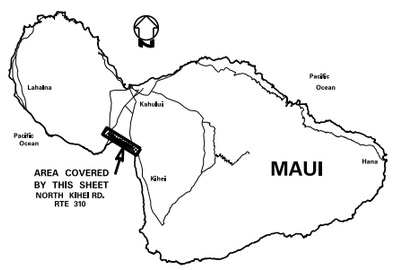
Right of Way Fence: Type – Right and Left: Wire (1.08–1.34) | Wire (1.82–2.04) | Wire (2.69–3.14)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 1+00 — STATE — 503+80 (3.59)

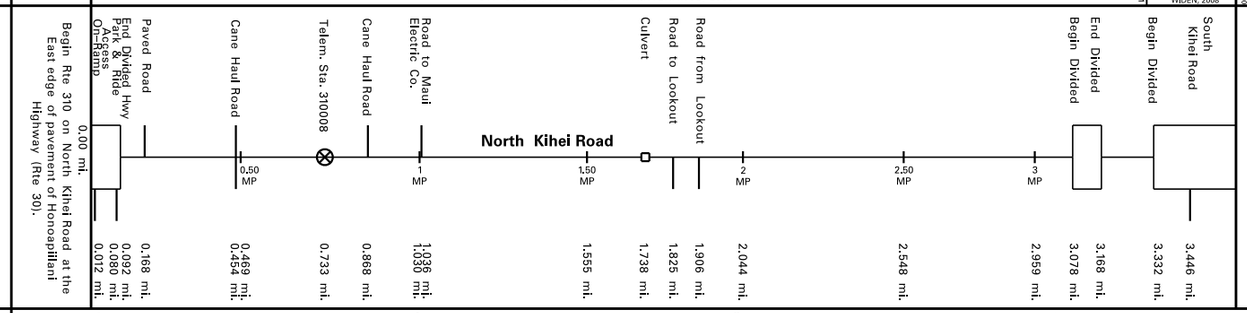
Project No., Type of Construction, and Year Constructed: 0.02 — 310A–01–13M, RESURFACE, 2014 — 501+05 (3.31) — 515+95 (3.59)

Project No., Type of Construction, and Year Constructed: STP–0310(4), PREVENTIVE MAINTENANCE, 2009 — NH–A311(4) WIDEN, 2008 — 3.59



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
End Rte 310 on North Kihei Rd. at the Southwest edge of pavement (Near Side) of Mokulele Highway (Rte 311) and Piilani Hwy (Rte 31)
*3.590 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 10' AC (0.00–0.15) | Milled Shoulder Rumble Strip (0.88–1.81) | 6" AC | 10' AC (3.31) | 6' AC
- Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (42' AC) | 36' AC | 24' AC (0.092–0.168) | 22' AC | 12' AC | 38' AC | 12' AC (3.332–3.446) | 24' AC
- Shoulder: Width and Type: 0 (0.034) | 10' AC | 0 | Milled Shoulder Rumble Strip, Milled Centerline Rumble Strip (0.88–1.81) | 6' AC | 0' | 6' AC | 0'

Median: Width and Type: 0'–10' Painted AC (0.000–0.092) | (0'–12' Painted AC) (2.959–3.078) | 3.168 | 3.332 | 0'–12' Painted AC | 12'–24' Painted AC (3.446–3.590)

Undivided
- Shoulder: Width and Type: 0 (.034) | 0' | 0'
- Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (16' AC) | 12' AC | 12' AC | 12' AC (.446) | 24' AC | 12' AC
- Shoulder: Width and Type: 10' AC (0.000–0.092) | 6" AC | 6' AC (.512)

Number of Traffic Lanes: (3–14') 2–12' (1–16') 1–12' | 2–11' (2–12') | 2–12' | 1–12' | 2–12' (.446) 2–12' 1–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–14' (R) TL, 2–14' (L) TL | 2–12' (L) TL (0.123) | 1–12' (R) TL (.423) (.512) | All 12' Turning Lanes

(Right Side): 1–12' (R) TL (0.034–0.080) | Two–Way (L) Turning Lanes (1.981–2.421) | 2–12' TL (2.653–3.331) | 1–12' TL (.512) | All 12' Turning Lanes

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

Sidewalk: Width and Type (Right and Left): 6' Conc. S.W. (.372–.396)

Curb and/or Gutter: Type (Right and Left): None (.732–.756)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.): (.038) (.125) (0.14) | (1.380–1.396)

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

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): E A (0.00–0.05) D (0.14–0.87) A (1.65) B (1.08–1.25) A (1.25–1.86) B (1.86–2.26) A (2.26–3.47) B (3.47–3.59) A D

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): (0.55) B (1.25) A (3.38) B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (999|98)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) (.839–.877) (.181–.876) (.027–1.113)

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

Intersection Control Devices: Type, Location and Cycle Timing: 0.00 3 Phase | 3 Phase (.446–3.59) 4 Phase

Traffic Stations (Current Year): B74 0310 00000 (1.04) | B74 0310 00104

HPMS Sections – AADT 2016: 17,100 | 13,500

HPMS Sections – AADT 2015: 16,800 | 13,500 | 3.46 21,146

HPMS Sections – AADT 2014: N/A | 3.34 N/A | N/A

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits
- 0.15 — BR–NH–030–1(24) New Alignment, 2002
- 0.11 — 310A–01–00M, (R) 2001 — 3.01
- [310A–01–91M (R) 1992] — 0.05 — 2.95 STP–031–1(8), (R) 1996 — 3.26 — 3.54 — [STP–0900(58), G.R. & SHLDR. IMP., 2004]
- 310A–01–91M (R), 1992 — 2.95 STP–031–1(8), (R) 1996 — 3.32 — 3.54 — [TQF–RF–031–1(6), 1981 (New Construction)]
- HWY–M–02–76M (R) 1976
- WDRC 14(1) 1948 — County — 3.590

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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

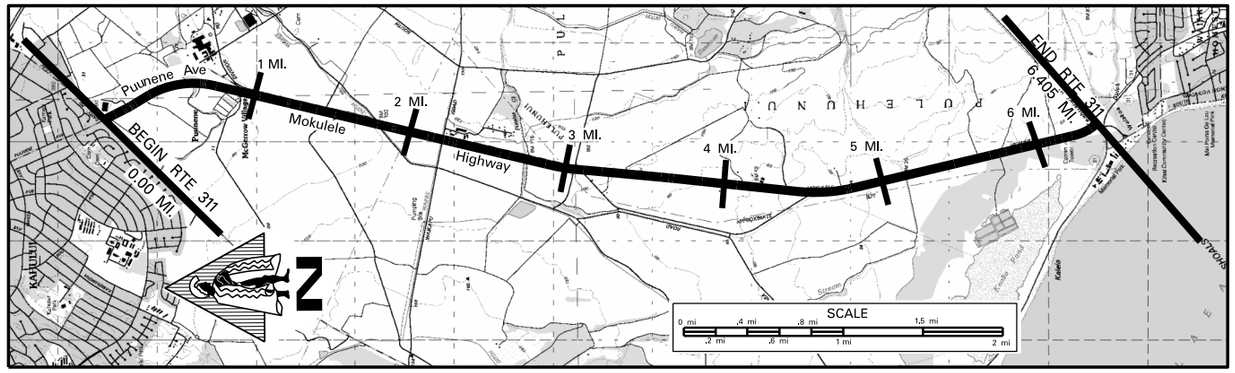
ROAD INVENTORY
MAUI RTE 311
PUUNENE AVENUE, MOKULELE HIGHWAY

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: 6.405 miles
- **a. Survey Length:** 6.405 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length:** 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 10 CELL, CONC. BOX CULVERT
- 3 Cell Conc. Box Culvert 2008
- 8 Cell Conc. Box Culvert
- 3 Cell Conc. Box Culvert
- 9 Cell Conc. Box Culvert 2008

Vertical Clearance
- 134'–3"
- 113'(Headwall Length) 38'
- 107'
- 30'
- 118'

Horizontal Clearance
- 106'–8"
- 106'–8"
- 106'
- 106'
- 141'–10"
- 192'(Headwall Length)

Structure Over Rte 311

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies
- 200' – 218'
- 240'
- (240'–400')

Available Right of Way Width (Needs Study)

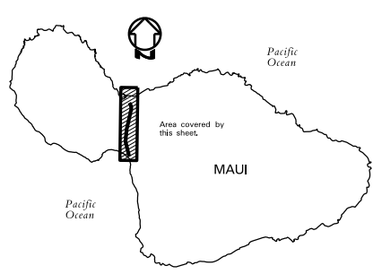
Right of Way Fence: Type – Right and Left
- Chain Link
- Chain Link
- Chain Link

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- 170 + 00
- State
- 439 + 43.20

Project No., Type of Construction, and Year Constructed
- NH–A311(008), Pavement Preventive Maintenance, 2015
- 311A–01–15M, PREVENTIVE MAINTENANCE, 2017

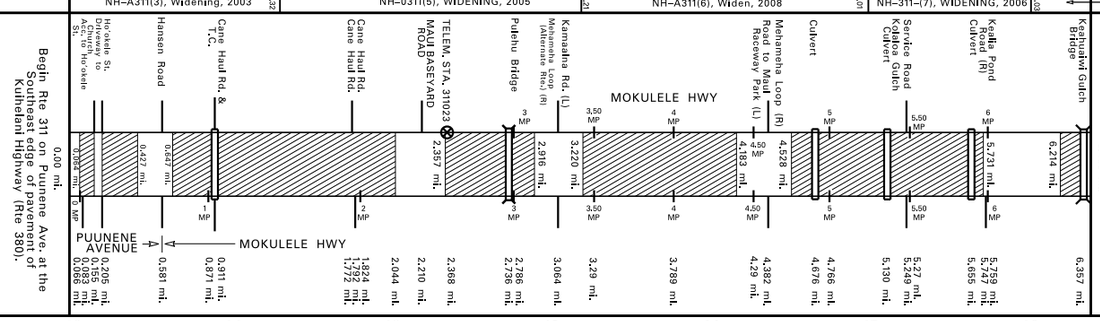
Project No., Type of Construction, and Year Constructed
- NH–A311(3), Widening, 2003
- NH–0311(5), WIDENING, 2005
- NH–A311(6), Widen, 2008
- NH–311–(7), WIDENING, 2006
- (NH–A311(4), Widen, 2008)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway

Undivided

Shoulder: Width and Type
- 8' AC
- Milled Shoulder Rumble Strip
- 8' AC

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

Shoulder: Width and Type
- 0
- (16' AC Paint)
- 4' AC
- 0
- 4' AC
- 0
- 4' AC
- 0
- 4' AC
- 0
- 4' AC

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

Shoulder: Width and Type
- 4' AC
- 0
- 4' AC
- 0
- 4' AC
- 0
- 4' AC
- 0
- 4' AC

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

Shoulder: Width and Type
- Milled Shoulder Rumble Strip
- 8' AC
- 8' AC

Number of Traffic Lanes
- 4–12'
- 4–12'

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

(Right Side) (All Turning Lanes 12')

Frontage Road: No. of Lanes, and Width (Right and Left)
- 10' AC Bike Route
- 10' AC Shared–Use Path

Sidewalk: Width and Type (Right and Left)
- None

Curb and/or Gutter: Type (Right and Left)
- None

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

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

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)
- A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
- B
- A
- B
- A
- B
- A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- Flat (1)

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

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

Traffic Stations (Current Year)
- B74 0311 00000
- B74 0311 00058

HPMS Sections – AADT 2016
- 16,700
- 34,400

HPMS Sections – AADT 2015
- 16,100
- 32,300

HPMS Sections – AADT 2014
- N/A
- N/A

DOD Sections

Census Tracts

Functional Classification
- Major Collector (5)

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

Previous Projects: Project No., Date and Limits
- NH–A311(3), Widening, 2003
- NH–0311(5), WIDENING, 2005
- NH–311–(7), WIDENING, 2006
- 311A–02–93 Imprv, 1994
- 311A–01–93M, Resurf., 1993
- RS–0311(1), Resurf., 1986
- 311A–01–93M, Resurf., 1993 County
- SOS–0900(21), 1984 Safety Imprv.

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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 12	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

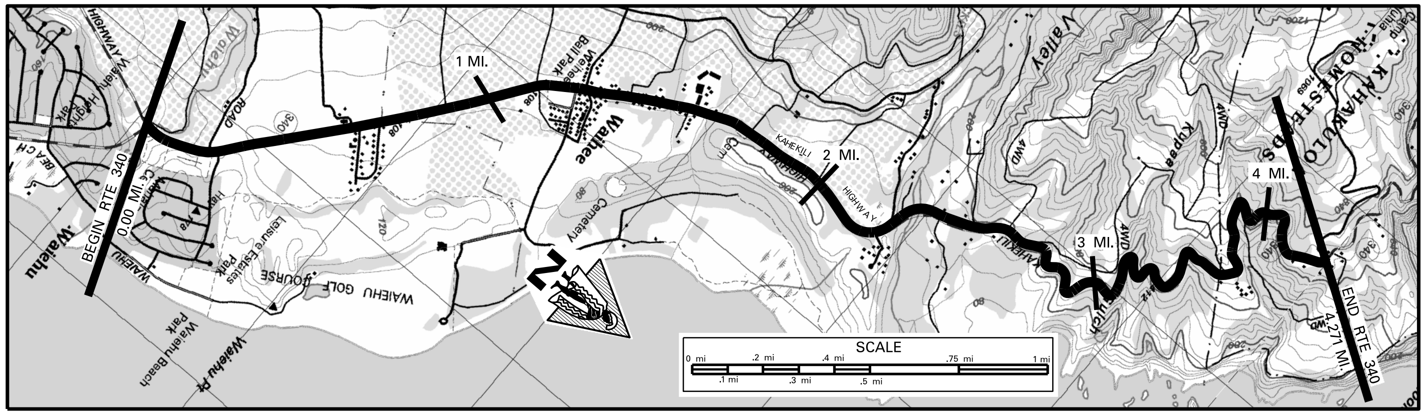
MAUI RTE 340
KAHEKILI HIGHWAY

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: 4.271 miles
a. Survey Length: 4.271 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles

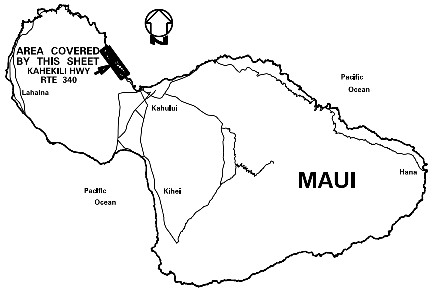


SCALE: (In Miles) 4" = 1 mile — 0 1 2 3 4 5

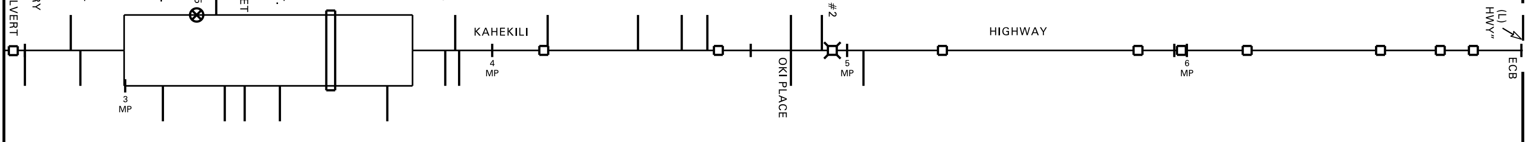
Maintenance Control Sections : Length and Description	Begin 340 C on Kahekili Hwy 350' South of centerline intersection with Waiehu Beach Rd. — 340 C (2.49 MI) — 2.42 — End 340 C 320' North of North end of Waihee Bridge #2
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT 1967 HS20 34' — CULVERT 10' (0.92) — PRESTRESSED BEAM 1967 HS20 245'
Vertical Clearance	
Horizontal Clearance	24' — 28'
Structure Over Road — 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	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	0+00 — 0.33 — PERMIT MA–05–17, IMP., 2006 — 0.55 — PERMIT #MA–07–15, IMPRVTS., 2008 — 1.28 — 226+50
Project No., Type of Construction, and Year Constructed	0.00 — 340D–01–05M, RESURF., 2007 — 4.28

Road Diagram

* MP=Milepost Signage



BEGIN ROUTE 340 ON KAHEKILI HIGHWAY AT THE CENTERLINE JUNCTION WITH WAIEHU BEACH ROAD AT WAILUKU URBAN BOUNDARY (SAME LOCATION AS END ROUTE 3400) 0.00 mi.



Feature	Mileage
WAIEHU STR. CULVERT	0.019 mi.
RD TO CEMETERY AND ECB (L)	0.059 mi.
MALAIHI ROAD	0.188 mi.
HOAUNA STREET	0.215 mi.
BEGIN DIVIDED	0.341 mi. 0.338 mi.
NA WAI' EHA PL.	0.447 mi.
TELEM. STA. 340005	0.542 mi.
Road (L)	0.597 mi.
AKAKUU PL. (R)	0.621 mi.
KOHOMUA STREET	0.677 mi.
HO'OLA HOU ST.	0.776 mi.
CULVERT	0.918 mi.
OMILU ST.	1.078 mi.
END DIVIDED	1.149 mi.
HALEWAIU ROAD	1.241 mi.
KUHINIA ST.	1.269 mi.
WILIPOHAKU ST.	1.280 mi.
	1.373 mi.
CULVERT	1.518 mi.
PAVED ROAD	1.529 mi.
UNPAVED ROAD	1.783 mi.
UNPAVED ROAD	1.906 mi.
UNPAVED ROAD	1.978 mi.
CULVERT	2.009 mi.
ECB	2.100 mi.
WAIHEE VALLEY RD / OKI PLACE	2.213 mi.
PAVED ROAD	2.300 mi.
WAIHEE BRIDGE #2	2.317 mi. 2.371 mi.
PAVED ROAD	2.417 mi.
CULVERT	2.639 mi.
CULVERT	3.189 mi.
ECB	3.291 mi. 3.311 mi.
CULVERT	3.318 mi.
CULVERT	3.496 mi.
CULVERT	3.871 mi.
CULVERT	4.039 mi.
CULVERT	4.132 mi.
RD TO CAMP MALUHIA (L) & "END STATE HWY" SIGN (R)	4.267 mi. 4.271 mi.

*4.271 mi.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile — 0 0.26 0.89 0.97 1 1.12 2 3 4 5

Divided Highway — Undivided — Shoulder: Width and Type	6' AC — 0.26 — 2'–4' GRS — 0.50 — 2'–6' AC — 0.70 — 2'–4' GRS — 0.89 — 6' AC — 0.97 — 2'–4' GRS — 1.12 — 2'AC — 1.26 — 0 — 1.52 — 2' AC — 1.99 — 2' AC & 10' Grass — 2.21 — 2' AC — .417 — 2' – 4' AC
Pavement: Width and Type	24' AC — 12' AC — 1.17 — 22' AC — .643 — 20' AC — .978 — 22' AC — .417 — 20' AC
Shoulder: Width and Type	6' AC — 0 — 8' AC — 4' AC — 2' AC — 1.99 — 2' AC & 10' Grass — 2' AC — 2' – 4' AC
Median: Width and Type	0.331 — 10' PAINT — (0) 1.149 1.24 1.28
Shoulder: Width and Type	0
Pavement: Width and Type	12' AC
Shoulder: Width and Type	6' AC — 0 — 0
Number of Traffic Lanes	0.38 — 2 – 12' — .149 — 2 – 11' — .643 — 2 – 10' — .978 — 2 – 11' — .417 — 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.374 .447 .492 .557 .621 .639 .677 .721 .731 .776 .813 — .078 .112
(Right Side)	.166 .215
Frontage Road: No. of Lanes, and Width (Right and Left)	.153
Sidewalk: Width and Type (Right and Left)	.353 — 4'–6' CONC. S.W. — .173 — .153 — 4' CONC. S.W. — .611
Curb and/or Gutter: Type (Right and Left)	.070 — .353 — 2' CONC. GUTTER/CURB — .173 — .153 Conc. Curb .532 C.C. & 2' C.G. .611 — AC Curb .437 — 6' CONC. GUTTERS — .218 .282 6' CONC. GUTTER .406 .423 — .216 .410 — .656 AC Curb .206
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.895 .945 — .397 — .511 .527 — .300 .382 — .627 .653
Illumination: Type, Location and Number	.041 — .896 .935 — 1.18 — 7 MV — .494 .521 — 1.62 — 1 MV — .283 .388 — .326 .391 — .651 .685 — .044 .083
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	C 0.10 A 0.15 C 0.24 AB 0.38 A 1.13 C 1.18 A 1.24 B 1.34 AB 1.48 A 1.67 C 1.73 A 1.93 C 1.99 A 2.11 D 2.43 BAB 2.54 D 2.71 E 2.77 F 2.81 E 2.89 F 2.94 E 3.15 F 3.33 E 3.45 AF 3.52 E 3.86 F 4.00 EF 4.08 E 4.18 A 4.23 F
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	C 0.11 B 0.57 A 0.89 B 1.54 A 1.66 C 1.74 B 2.09 A 2.16 B 2.53 D
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998) — 2.32 — RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING (2) — 0.28 — FLAT (1) — 1.14 — ROLLING (2) — 2.42 .431 — MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	30 MPH (2) — 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	.432 — N/A
Traffic Stations (Current Year)	B74 0340 00000 — B74 0340 00221
HPMS Sections – AADT 2016	6,800 — 830
HPMS Sections – AADT 2015	6,500 — 830
HPMS Sections – AADT 2014	1.28 — N/A — 2.21 — N/A
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	0.25 (3400B–01–97M, RESURFACE, 1998) — 340D–01–93M, RESURFACE, 1994
	S–0341(3) — 0.21 — COUNTY — 1.99 — S–0330(2) — 2.42 — COUNTY
	1966 — 1967

SCALE: (In Miles) 4" = 1 mile — 0 1 2 3 4 5

Date Released	
Oct 2004	GN
Revised	
Nov. 06	D.B.
Feb. 08	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

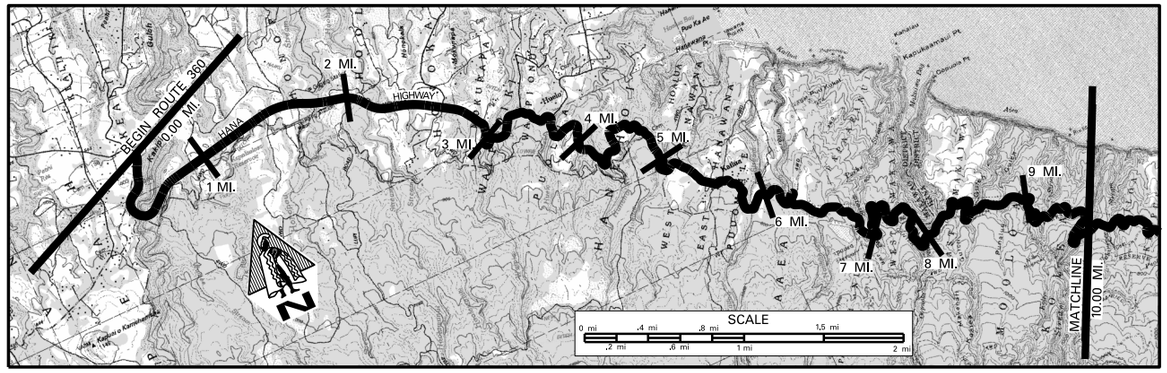
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

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: 34.828 miles
a. Survey Length: 34.828 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
36 C (5.87 mi.) (Old FAP 36) | 360 A (12.20 mi.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Culvert 1966 HS 20	Steel Multistringer 1941 HS 20	Tee Beam 1929	Tee Beam 1929 – H15	Tee Beam 1930 – H15	Tee Beam 1925, H15	Slab 1928, H15	Tee Beam 1928, H10	Slab 1911, H15
Vertical Clearance	33' (0.46)	210' (2.14)	49' (5.09)	40' (5.86)	64' (6.22)	30' (7.94)	18' (8.24)	22' (8.57)	41' (9.88)
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' (0.78); 80'–160' (2.79); 50'–135' (4.82); 50' (5.87); 40'

Available Right of Way Width (Needs Study): Cliffs / Pasture Area; Res. Area (5.65); Bushes & Trees

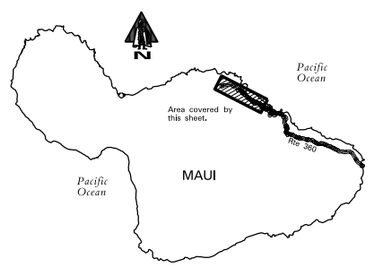
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood): Wire (2.71–2.89); W/W (3.38–3.56); W/W (4.70–4.80); W/W (5.59–6.53); W/W (6.42–6.77); W/W (6.59–6.75); W/W (8.30–8.44); W/W (8.73–8.77); W/W (8.90–9.04); W/W (9.44–9.65)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 7+00; 26+50; State

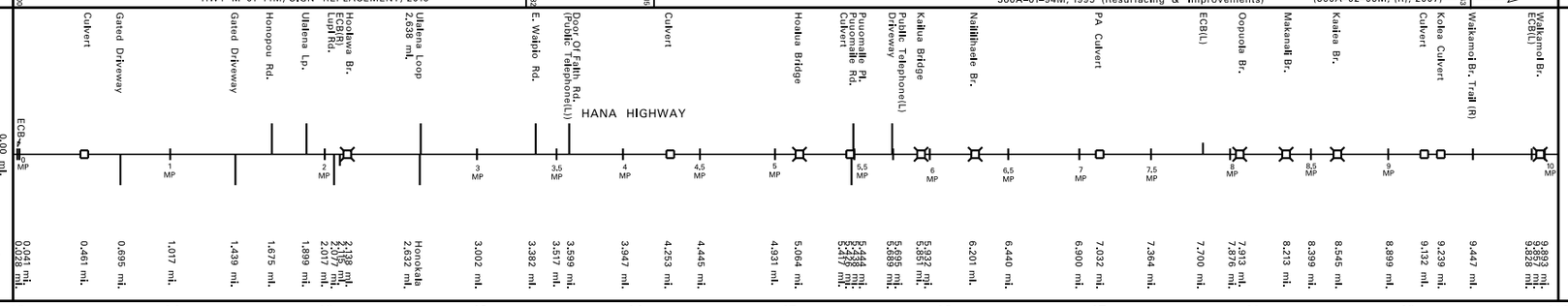
Project No., Type of Construction, and Year Constructed: 36C–01–15M, Resurface, 2016 (0.00–3.32); 360A–01–10M, 2013 (Resurfacing) (3.32–9.43)

Project No., Type of Construction, and Year Constructed: HWY–M–01–14M, SIGN REPLACEMENT, 2016 (0.00–3.32); 360A–01–94M, 1995 (Resurfacing & Improvements) (4.16–9.43); (360A–02–05M, (R), 2007)



Road Diagram
* MP = Milepost Signage

BEGIN RTE 360 ON HANA HIGHWAY AT THE CENTERLINE JUNCTION WITH KAUPAKALUA ROAD (SAME AS END RTE 36). 0.00 mi.



CONTINUED ON SHEET #2.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type	6'–8' AC; 2' AC (2.81–3.31); 2'–4' Grs. (3.31–3.61); 0; 2'–4' Grs. (4.48–5.83); 0–2' Grass (5.83–6.42); 2'–4' Grs. (6.42–6.89); 0–2' Grass
Pavement: Width and Type	22' AC; 18'–24' AC (2.897–5.251); 16'–22' AC
Shoulder: Width and Type	4'–6' AC; 6'–14' AC (1.586–2.40); 4'–6' AC; 2'–4' AC (2.794–3.34); 0–2' Grass
Median: Width and Type	Milled Centerline Rumble Strip (3.32)
Median Barriers:	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	

Number of Traffic Lanes: 2–11'; 2–(9'–12') (2.897–5.251); 2–(8'–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): C.C.&G.G.; Conc. C.&G.; C.C.&2G.; Concrete Barrier; Masonry Wall; Masonry Wall; C.C.&G.

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998); Rural (99999)

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

Speed: 1–Design, 2–Posted: 35 MPH (1); 35 MPH (2); 35 MPH (2); 25 MPH (2); 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 00586

HPMS Sections – AADT 2016: 3,800; 1,500

HPMS Sections – AADT 2015: 3,800; 1,500

HPMS Sections – AADT 2014: N/A

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits

ARR–0360(10), PREV. MAINT., 2010
360A–01–80, 1981; 360A–01–82, 1983 (Imprv.) & 360A–01–83M, 1983 (Resurfacing)
STP–0900(39), (R) 1996; 360A–01–94M, 1995 (Resurfacing & Improvements)
360A–01–86M, (R) 1986; 360A–01–80, (Imprv) 1981
S–0360 (4), 1963; S–0360(3), 1963; F–32 (2), 1946,1957; (Job #5839, 1966); C–360–01–63, 1967; County; A–360–01–62,1962; (360AB–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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
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MAUI RTE 360
HANA HIGHWAY

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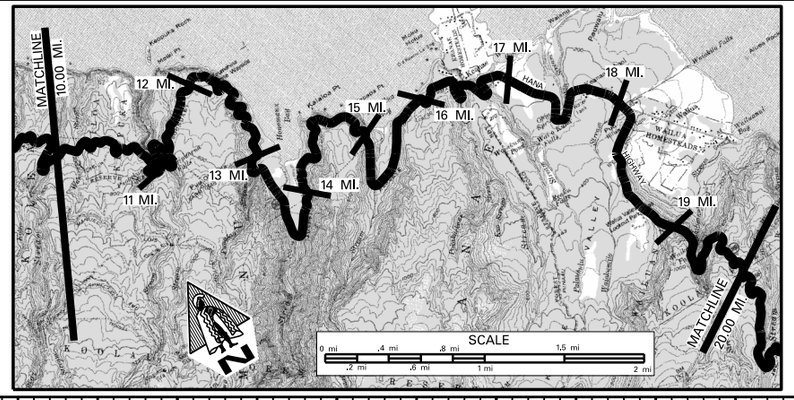
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 34.828 miles
- **a. Survey Length:** 34.828 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length:** 0.00 miles



SCALE: (In Miles) 2" = 1 mile

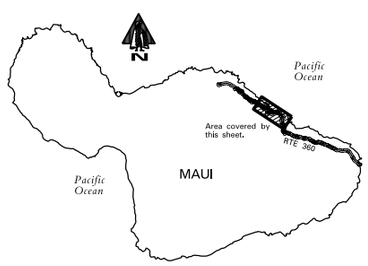
Maintenance Control Sections : Length and Description
360 A (12.20 mi.) | End 360A & Begin 360B on Hana Hwy at the Southeast End of Wailokamilo St. Bridge. | 360 B (16.57 mi.)

Structure Carrying Road

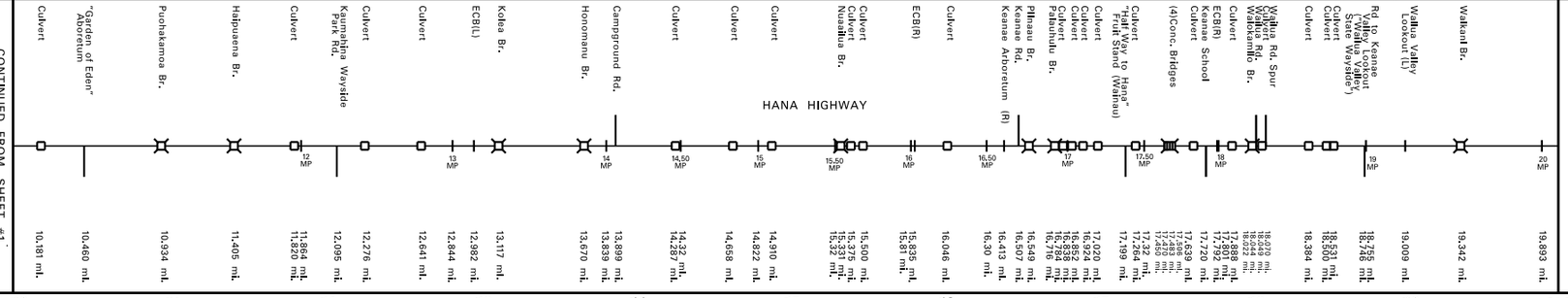
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Vertical Clearance	Horizontal Clearance
Tee Beam 1912, H15	10.07	56' / 15'
Tee Beam 1912, H15	10.44	34' / 12'
Tee Beam 1911, H15	13.16	34' / 12'
Tee Beam 1911, H15	13.71	48' / 12'
Tee Beam 1911, H15	15.39	35' / 21'
Tee Beam 1916, H15	16.02	28' / 19'
Tee Beam 1916, H15	16.77	31' / 20'
Tee Beam 1921, H15	18.07	24' / 22'
Cantilevered Conc. Deck 2006, HL-93	18.03	100' / 22'
Conc. Masonry Arch 1926, H15	19.39	108' / 17'

Structure Over Road
Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) If varies: (40'-115') 14.19 – 14.31; 40' 16.00 – 17.29
Available Right of Way Width (Needs Study): Bushes & Trees; Res. Area 16.00; Heavy Brush & Trees; Res. Area 18.04; Heavy Brush, Trees & Steep Cliffs
Right of Way Fence: Type – Right and Left: Wire 10.26 – 10.73; 11.07 – 11.20 (ROCKFALL PROTECTION); (360B-01-12M (R) 2016); (360B-01-95M (R) 1997)
Control of Access: 1–None, 2–Partial, 3–Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (360AB-01-09, Improvements (M.P.s 11.2, 14.7 to 14.9, 16.3), 2016); 4+40; State; (360AB-02-03M Roadway Deck, 2006); 581+50
Project No., Type of Construction, and Year Constructed: 11.02; 13.85 – 13.91; 14.07; 360AB-01-11M (R) 2016; (360B-01-93M (R) 1994); 18.26 – 18.43; 18.66 – 18.69; 19.48 – 19.58
Project No., Type of Construction, and Year Constructed: 360A-02-05M, RESURF., 2007; 581+07; (360AB-01-00M (Repairs & Maintenance) 2002); 360AB-01-98M (R) 1999; (360AB-01-88 (Resurf & Improv.) 1990)



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

0–2' Grass; 16'–22' AC; 0–2' Grass; 2' AC 14.19 – 14.31; 15' Grv. 15.81 – 16.08; 2'–4' Grs. 16.02 – 17.22; 2' AC 17.22 – 17.36; 2' Grs. 17.36 – 17.41; 0 17.41 – 17.76; 2'–4' Grs. 17.76 – 18.18; 0–2' Grass

Number of Traffic Lanes: 2–(8'–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): Masonry Wall; 3' Conc. Gutter; Masonry Wall; (1' Conc. Gutter)
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; Gabion Retaining Wall; Conc. Barrier; Masonry Wall; Masonry Walls; 2' Gutter
Illumination: Type, Location and Number
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)
Superelevation (Range)
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Mountainous (3)
Speed: 1–Design, 2–Posted: 15 MPH (2); 15 MPH (2); 30 MPH (2); 35 MPH (2); 30 MPH (2); 15 MPH (2); 15 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): 874 0360 00586
HPMS Sections – AADT 2016: 1,500
HPMS Sections – AADT 2015: 1,500
HPMS Sections – AADT 2014: N/A; N/A; 1,501; 1,400
DOD Sections
Census Tracts
Functional Classification: Major Collector (5)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits
360A-01-94M, 1995 Resurfacing & Improvements; 360AB-01-98M (R) 1999
11.07 – 11.20 (360AB-02-08, 2005, ROCKFALL MITIGATION)
360A-01-82, 1983 (Improv.) & 360A-01-83M, 1983 (Resurface); 14.19 – 14.31 (360A-04-95, (Realignment) 1999); 16.03 (360A-01-97 (Improv.) 1999)
360AB-01-88 (Resurface & Improv.) 1990; 18.74 360B-01-93M, 1994 (R); 19.42 – 19.61 360B-01-95, 1986
County

SCALE: (In Miles) 2" = 1 mile

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.
Feb. 11	D.B.
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ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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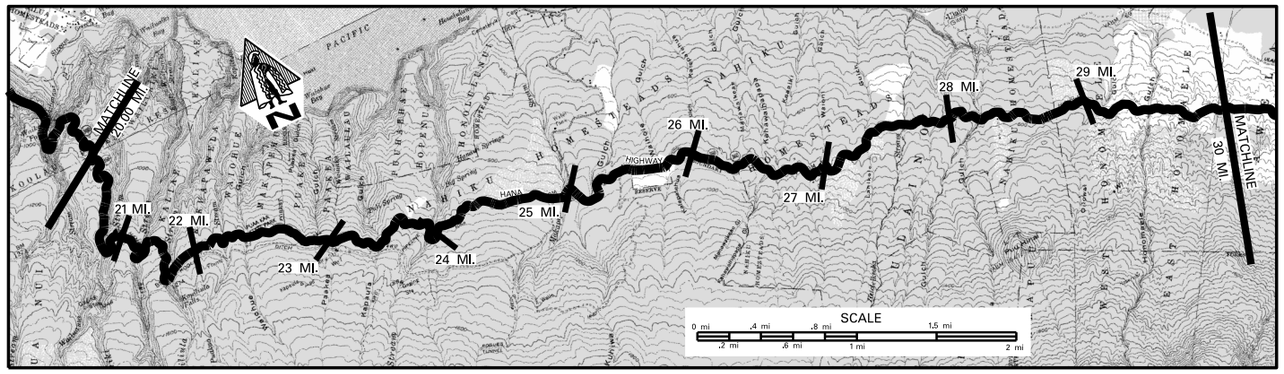
Total Route Length: 34.828 miles
- **a. Survey Length:** 34.828 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length:** 0.00 miles



SCALE: (In Miles) 2" = 1 mile

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

Structure Carrying Road

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

Mile	Length	Type	Year
20.838	62'	Tee Beam H15	1937
21.30	34'	Tee Beam H15	1926
21.81	76'	Tee Beam H15	1926
22.31	20'	Tee Beam H15	1926
22.47	40'	Tee Beam H15	1937
22.95	20'	Tee Beam H15	1920
23.33	49'	Tee Beam H15	1926
23.39	60'	Conc. Masonry Arch H15	1926
24.16	23'	Tee Beam	1926
24.48	40'	Tee Beam H15	1926
25.20	60'	Conc. Masonry Arch H15	1926
25.42	24'	Conc. Masonry Arch H15	1926
25.95	24'	Tee Beam	1926
26.48	24'	Tee Beam H15	1926
26.60	60'	Tee Beam H15	1922
26.77	22'	Tee Beam H15	1921
26.94	29'	Tee Beam H15	1920
27.01	24'	Tee Beam H15	1920
27.78	51'	Tee Beam H15	1917
27.92	28'	Tee Beam H15	1917
27.98	39'	Tee Beam H15	1914
28.31	48'	Stab H15	1908
29.18	22'	Tee Beam H15	1914
29.54	38'	Tee Beam H15	1924

Structure Over Rte

Mile	Vertical Clearance	Horizontal Clearance
20.83		20'
21.30		18'
21.81		14'
22.31		22'
22.47		13'
22.95		12'
23.33		16'
23.39		20'
24.16		16'
24.48		16'
25.20		16'
25.42		16'
25.95		16'
26.48		16'
26.60		16'
26.77		16'
26.94		16'
27.01		16'
27.78		16'
27.92		16'
27.98		16'
28.31		13'
29.18		16'
29.54		16'

Right of Way Width (min.–max.) If varies: 40'

Available Right of Way Width (Needs Study): Heavy Grass & Trees; Res. / Farm Area; Clr. 1000' – Pasture, Grass – 15' from Pvmt.

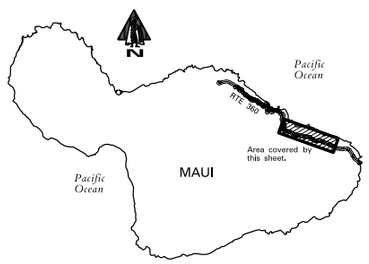
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood): W/W; W/W; W/W; W/W; W/W; Mtre on Wood; W/W; W/W

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (360AB–01–88 (R) 1990); 1089 – 50; State; 1226 – 00; 1385 – 00

Project No., Type of Construction, and Year Constructed: 360B–01–12M (Resurface) 2016; 1089 – 50; 360B–01–08M, RESURFACE, 2010; 360B–01–09M, RESURFACE, 2010

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



Road Diagram
* MP=Milepost Signage

CONTINUED FROM SHEET #2:

Culvert; ECB(L) Culvert; Culvert; W. Wailuaiki Br.; Culvert; Culvert; Culvert; E. Wailuaiki Br.; Koolauula Br.; Culvert; Waiohue Br.; Culvert; Culvert; Puaa Area (L); Puaa Kaa Park (R); Paakea Br.; Culvert; Culvert; Unnamed Br. #326; Unnamed Br. #1; Culvert; Culvert; Kapaula Br.; Culvert; Hanawai Br.; ECB(L) Bridge; E. Hanawai Br.; Lower Nahiku Rd. Makapipi Br.; Kuiwa Br.; Kupukoi Br.; Kahalaowaka Br.; ECB(L); Puapae Br.; Kahanualhapapa Br.; Keaiaki Br.; Waiohai Br.; W. Waiohai Br.; Culvert; Culvert; Lanikoele Br.; Ulaliuo Br.; Halekakoha Br.; Mokulehua Br.; ECB (R); Ollowai Br.; Honomanalo Br.; Bridge

HANA HIGHWAY

MP: 20.50, 21, 21.50, 22, 22.50, 23, 24, 25, 26, 27, 28, 29, 30

20.038 mi.; 20.247 mi.; 20.270 mi.; 20.41 mi.; 20.572 mi.; 20.806 mi.; 20.874 mi.; 20.993 mi.; 21.105 mi.; 21.30 mi.; 21.286 mi.; 21.220 mi.; 21.809 mi.; 21.785 mi.; 22.095 mi.; 22.177 mi.; 22.215 mi.; 22.511 mi.; 22.515 mi.; 22.536 mi.; 22.606 mi.; 22.642 mi.; 23.031 mi.; 23.101 mi.; 23.201 mi.; 23.229 mi.; 23.242 mi.; 23.308 mi.; 23.206 mi.; 23.553 mi.; 23.674 mi.; 23.919 mi.; 24.094 mi.; 24.284 mi.; 24.108 mi.; 24.911 mi.; 24.781 mi.; 24.947 mi.; 25.128 mi.; 25.355 mi.; 25.786 mi.; 25.881 mi.; 26.237 mi.; 26.409 mi.; 26.529 mi.; 26.699 mi.; 26.802 mi.; 26.917 mi.; 27.253 mi.; 27.318 mi.; 27.686 mi.; 27.811 mi.; 27.941 mi.; 27.787 mi.; 28.241 mi.; 28.679 mi.; 29.107 mi.; 29.467 mi.; 29.832 mi.; 29.778 mi.

CONTINUED ON SHEET #4.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 0–2' Grass; 2'–3' AC; 0–2' Grass

Pavement: Width and Type: 16'–22' AC; 18' AC

Shoulder: Width and Type: 0–2' Grass; 1' 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–(8'–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): (Masonry Wall); (Masonry Wall)

Curb and/or Gutter: Type (Right and Left): (2' Conc. Gutter); (2' Conc. Gutter); (2' Conc. Gutter); (2' Conc. Gutter); (2' Conc. Gutter); (2' Conc. Gutter); (2' Conc. Gutter)

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

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

Speed: 1–Design, 2–Posted: 15 MPH (2); 35 MPH (2); 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 00586

HPMS Sections – AADT 2016: 1,500

HPMS Sections – AADT 2015: 1,500

HPMS Sections – AADT 2014: N/A

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits: 360B–01–85 1986; 360AB–01–88 (Resurf. & Improv.) 1990; 360B–01–93 (R) 1994; 360B–01–80 (Imprv.) 1981

County: 22.52; 23.38; 23.58; 24.03; County to State: 28.32; 29.04

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct 2003	D.B.

Revised	
Aug. 04	D.B.
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
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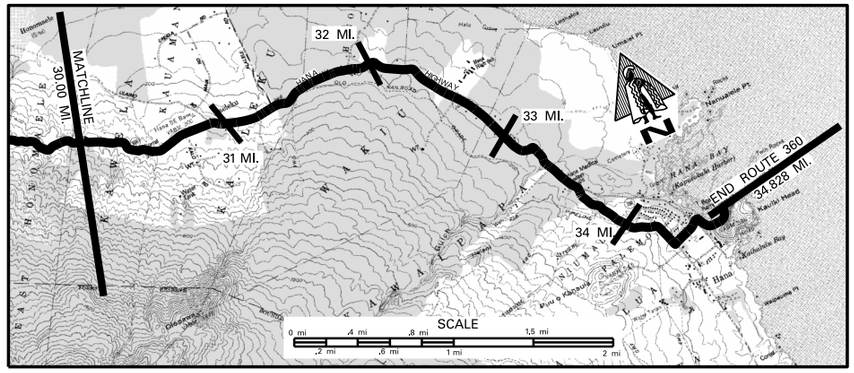
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

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: 34.828 miles
- **a. Survey Length:** 34.828 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length:** 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 360 B (16.51 mi.); End 360 B same as End Route.

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam – H20 1947

Vertical Clearance: 73' (33.44)

Horizontal Clearance: 26'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) If varies: 40'

Available Right of Way Width (Needs Study): Bushes & Trees; Res. Area; Clr. 1000' Pasture 15' from Pvmt.; Res. Area

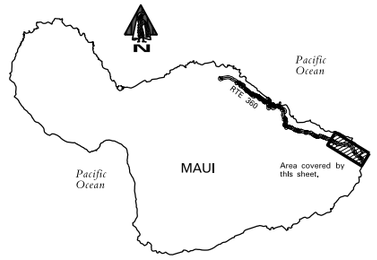
Right of Way Fence: Type – Right and Left (W/W–Wire on Wood): Wire; W/W; Various; None; W/W; Wire on Wood; Chain Link

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–02–06M, Resurfacing, 2010

Project No., Type of Construction, and Year Constructed: 360B–01–96M (Resurf.) 1997; 360B–01–91M (Resurfacing) 1991; (360B–02–93M (Storm Drain Repair) 1993); (360B–01–83M (Resurface) 1983)



Road Diagram
* MP = Milepost Signage

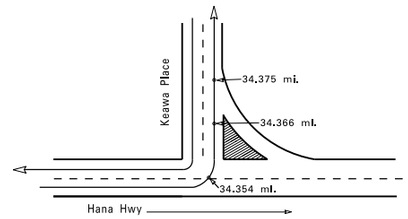
CONTINUED FROM SHEET #3.

Bridge 30.005 mi.; Bridge 30.125 mi.; Bridge 30.432 mi.; ECB(L) 30.571 mi.; Kalo Rd. 30.714 mi.; Ulaino St. 30.810 mi.; Culvert 30.894 mi.; Kaleku Pl. 31.099 mi.; Alamoi Pl. (Rd. to Hana Airport) 31.198 mi.; Olopawa Rd. 31.302 mi.; Alalele Pl. 31.471 mi.; To Waianapanapa State Park 31.844 mi.; 31.872 mi.; Hana Elementary School ECB(L) 32.499 mi.; Hana High School 32.505 mi.; 32.602 mi.; Culvert 32.765 mi.; (Wailuaiki Rd. (Refuse Disposal Site)) 33.040 mi.; Kanaloha Pl. 33.393 mi.; Kawaipapa Br. 33.353 mi.; Bridge 33.615 mi.; Bridge 33.687 mi.; Driveways to County Hana Rec. Center, Public Telephone(R) 33.815 mi.; 33.880 mi.; 33.891 mi.; 33.975 mi.; Kaniki St. 33.993 mi.; Pa'antimal Park 34.069 mi.; Keanini Dr. 34.229 mi.; Alau St. 34.288 mi.; Keawa Pl. (L) 34.354 mi.; Culvert 34.556 mi.; Ukeke Rd. 34.567 mi.; Hana angle point

HANA HIGHWAY — KEAWA PLACE

END ROUTE 360 ON KEAWA PLACE AT THE WHARF ON HANA BAY.
*34.828 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 0–2' Grs.; 2'–4' Grs.; 4' AC; 4'–6' AC

Pavement: Width and Type: 16'–22' AC

Shoulder: Width and Type: 0–2' Grs.; 2'–4' Grs.; 4' AC; 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–(8'–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): (5' Conc. Sidewalk); (3' AC Sidewalk); AC Sidewalk; (3' Conc. Gutter)

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

Protective Devices: Type, Location and Number (Metal Rails on Metal Posts unless otherwise noted.): C.C. 695 AC Roll Curb; (C.C.&1'G.)

Illumination: Type, Location and Number: 1 MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: (Mountainous (3)); Rural (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1); Rolling (2); Rolling (2)

Speed: 1–Design, 2–Posted: 35 MPH (2); 15 MPH (2); 35 MPH (2); 35 MPH (1); 35 MPH (2); Not Posted; Not Posted

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 00586

HPMS Sections – AADT 2016: 1,500

HPMS Sections – AADT 2015: 1,500

HPMS Sections – AADT 2014: N/A

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits: (ER–12(5) (Roadway Repairs) 2002); (360B–02–93M (Storm Drain Repair) 1993); 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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

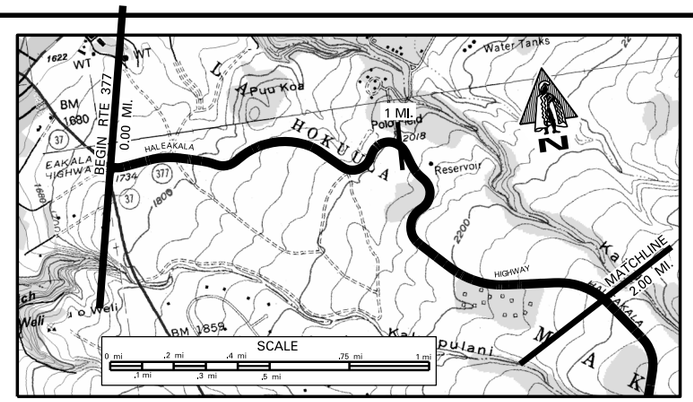
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

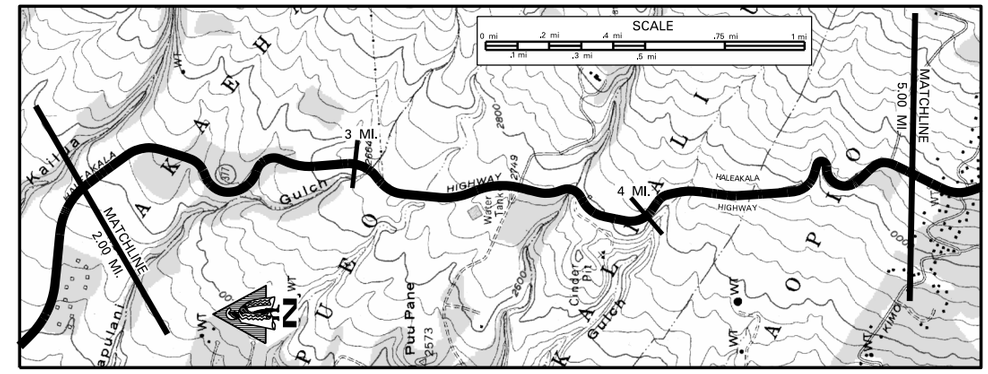
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 9.137 miles
- a. Survey Length: 9.137 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles

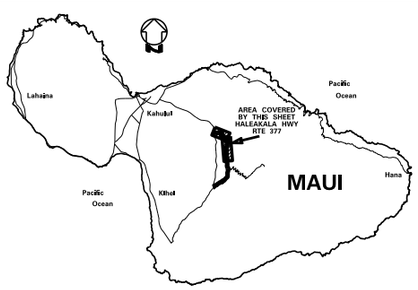




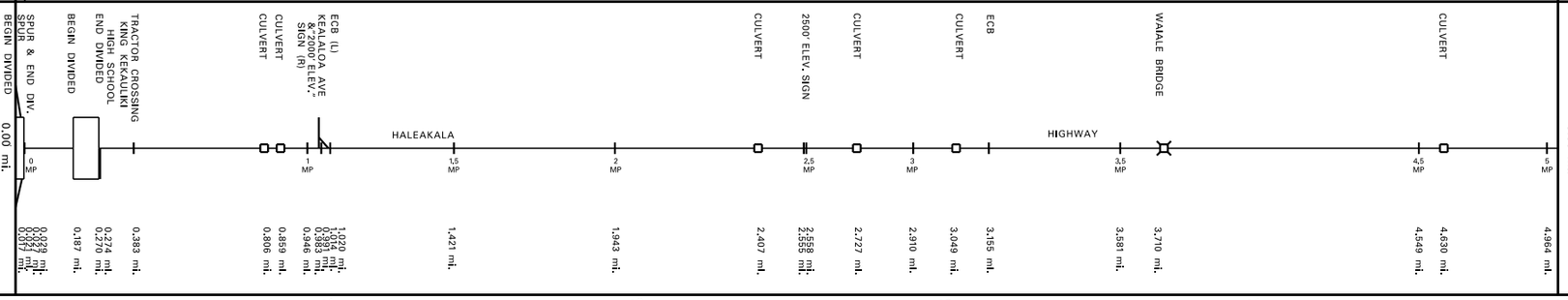
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
0.00 Begin 377A on Haleakala Hwy, 150' East of the centerline intersection with Kula Hwy and Haleakala Hwy. — 377A (9.13 MI)

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1934 H15 150'
	Vertical Clearance	
	Horizontal Clearance	24'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) If varies		60'
Available Right of Way Width (Needs Study)		PASTURE ON MOUNTAINOUS TERRAIN WITH CUT SLOPES
Right of Way Fence: Type – Right and Left	ALL WIRE ON WOOD FENCE	20' – 40' FROM PAVEMENT; 10' – 30' FROM PAVEMENT
Control of Access: 1–None, 2–Partial, 3–Full		N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		6+00 S T A T E
Project No., Type of Construction, and Year Constructed		0.03 STP–0377(005), 2012, PREVENTIVE MAINTENANCE
Project No., Type of Construction, and Year Constructed	377A–02–81M 1981 RESURFACE	STP–0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided	Shoulder: Width and Type	4' AC
	Pavement: Width and Type	(11' AC) 22' AC; 11' AC; 22' AC
	Shoulder: Width and Type	(0) 4' AC; 0; 4' AC
	Median: Width and Type	(0–11' PAINTED AC) 0.027; 0.187; 0.270 0.27 PAINTED AC
	Shoulder: Width and Type	(0) 0
	Pavement: Width and Type	(11' AC) 11' AC
	Shoulder: Width and Type	(4' AC) 4' AC
Number of Traffic Lanes		2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0.077; 0.270; 0.320; 11' T. L.
(Right Side)		0.187; 11' T. L.
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		NONE
Curb and/or Gutter: Type (Right and Left)		NONE
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted.	
Illumination: Type, Location and Number		
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)		
Superelevation (Range)		–7; –7; –7
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		SMALL URBAN (99998); SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		ROLLING (2)
Speed: 1–Design, 2–Posted		30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B74 0377 00000
HPMS Sections – AADT 2016		4,700
HPMS Sections – AADT 2015		4,700
HPMS Sections – AADT 2014		N/A
DOD Sections		
Census Tracts		
Functional Classification		MAJOR COLLECTOR (5)
National Highway System (NHS)		NOT ON NHS (0)
Previous Projects: Project No., Date and Limits		0.00 STP–0377(4), 1994 RESURFACE; 1.65 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; 0.00 FAP–5B 1929, 1933

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

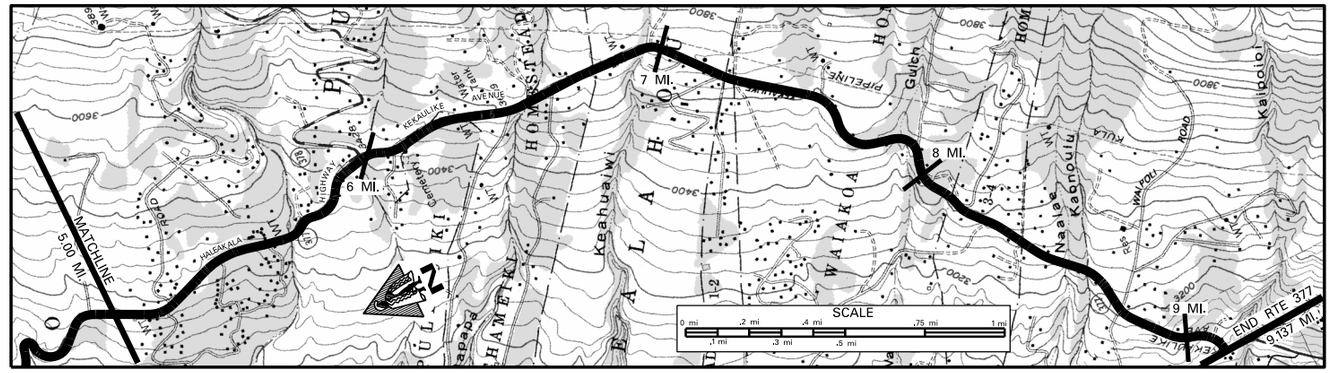
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

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: 9.137 miles
- **a. Survey Length:** 9.137 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
377A (9.13 MI)
End 377A on Kekaulike Hwy, 50' East of centerline intersection with Kula Hwy.

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

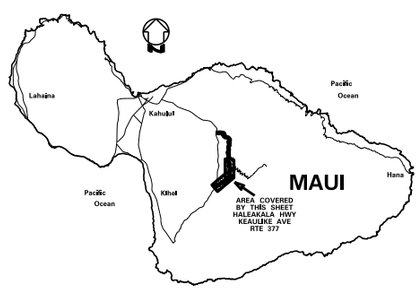
Right of Way Fence: Type – Right and Left ALL WIRE ON WOOD FENCE 10'–20' FROM PVMT UNLESS NOTED (29'–40' FROM PVMT; 10'–30' FROM PVMT)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (1+30)

Project No., Type of Construction, and Year Constructed: STP–0377(005), 2012, PREVENTIVE MAINTENANCE; 377B–01–96M 1998 RESURFACE

Project No., Type of Construction, and Year Constructed: STP–0377(3) 1995 GUARDRAILS & SHLDR IMPR.; RS–0377(2) 1987 IMPROVEMENTS



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 1

5.00 mi.

HALEAKALA HIGHWAY — KEKAULIKE AVENUE

UPPER KIMO DR., LOWER KIMO DR. 5.194 mi. 5.171 mi.
CULVERT 5.259 mi.
AINAKULA ROAD 5.397 mi.
POHAKUOKALA BR. 5.560 mi.
KULALANI DRIVE 5.621 mi.
KUALONO PLACE 5.700 mi.
CULVERT 5.890 mi.
HALEAKALA CRATER RD. (RTE 378) MP & ECB
CULVERT SPUR 6.089 mi.
PUANANI PLACE 6.097 mi. 6.007 mi. 5.995 mi. 5.972 mi.
PULEHUKI ROAD 6.488 mi.
KAMEHAMEHA ROAD 6.627 mi.
HAPAPA BRIDGE 6.580 mi.
JOHNSON ROAD 6.567 mi.
HAPAPA ROAD 6.551 mi.
PULEHU BRIDGE 6.977 mi.
PAVED ROAD 6.953 mi. 6.923 mi.
ECB(L) IGIO PLACE 7.087 mi. 7.084 mi.
MP
HOMESTEAD (L) KOLOHALA DRIVE 7.254 mi. 7.231 mi. 7.220 mi.
HE PLACE
COPP ROAD
WAHELANI ROAD CULVERT 7.481 mi. 7.451 mi. 7.410 mi.
TELEM. STA. 377073
CULVERT 7.976 mi. 7.961 mi.
CULVERT 7.897 mi. 7.864 mi.
WAIAKOA ROAD 8 MP
'ALAE ROAD 8.141 mi.
LOLE PL., FOSTER PL. 8.387 mi. 8.379 mi.
NAALAE GULCH BR. 8.532 mi.
KAONIOLU BRIDGE 8.599 mi.
WAIPOLI ROAD 8.770 mi.
9 MP 8.946 mi.
9.17 MP 9.123 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 377 ON KEKAULIKE AVENUE AT THE EAST EDGE OF PAVEMENT OF KULA HIGHWAY (RTE 37)
*9.137 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 4' AC; 4' AC / 4' – 8' GRASS; 4' AC / 10'–18' GRS; 4' AC / 4' – 8' GRASS
- Pavement: Width and Type: 22' AC; 20' AC
- Shoulder: Width and Type: 4' AC; 4' AC / 4' – 8' GRASS; 4' AC / 10'–18' GRS; 4' AC / 4' – 8' GRASS

Median: Width and Type: (Begin Bikelane / Shoulder combination); (End Bikelane / Shoulder combination)

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

Number of Traffic Lanes: 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): NONE

Curb and/or Gutter: Type (Right and Left) AC ROLLED CURBS; 6' SWALE

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

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

Speed: 1–Design, 2–Posted: 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0377 00000; B74 0377 00601

HPMS Sections – AADT 2016: 4,700; 1,100

HPMS Sections – AADT 2015: 4,700; 1,100

HPMS Sections – AADT 2013: N/A; N/A

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- STP–0377(4) 1994 RESURFACE
- 377A–01–85M 1985 RESURFACE; FAP–E–13A 1932; RS–0377(2) 1987 IMPROVEMENTS; FAP–E–13A 1932
- JOB #5569 1952 RESURFACE; BF–037–1(1) 1962
- FAP – 5B 1929, 1933; FAP – 13A 1932, 1934

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
FEB., 06	D.B.
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

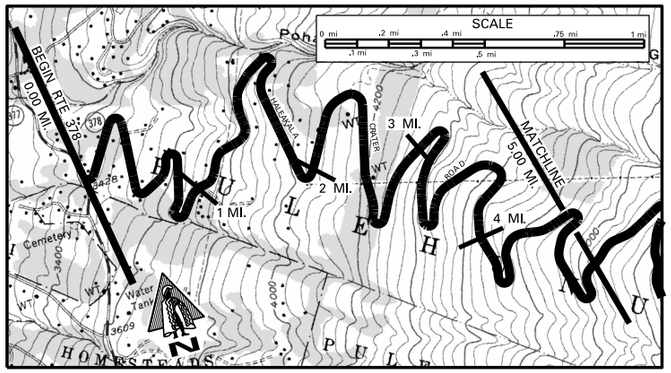
ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

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: 10.099 miles
- a. Survey Length: 10.099 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; 2.86 OPEN PASTURE 1000' ACROSS

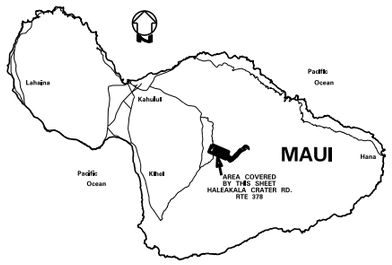
Right of Way Fence: Type – Right and Left (W. F. = WIRE FENCE): W. F.; 0.17–0.41; 0.62–0.96; 0.75–0.28; 1.14–1.32; 1.49–1.54 WOOD FENCE; 1.95–1.14; 1.75–1.81; 1.88–1.97; 2.01–2.13

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (338 + 21.40); 348 + 00: STATE

Project No., Type of Construction, and Year Constructed (STP–0377(005), 2012 PREVENTIVE MAINT.): 0.04–2.12 STP–0378(003), 2012, PREVENTIVE MAINTENANCE

Project No., Type of Construction, and Year Constructed (378A–01–92M 1993, RESURFACE): 0.02–0.04 (337 + 41.87); 378A–01–04M, RESURFACE, 2006



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 378 ON THE NORTH SPUR OF HALEAKALA CRATER ROAD AT THE EDGE OF PAVEMENT OF KEKAULIKE AVE (RTE 377)

0.00 mi.

SPUR; PALENA PLACE; 3500' ELEV. Sign PONI MOI PLACE; CULVERT; CULVERT; 4000' ELEV. Sign; CULVERT; CULVERT; CULVERT; CATTLE GUARD; CULVERT; CULVERT; CULVERT; CULVERT; CONTINUES ON SHEET #2

HALEAKALA CRATER ROAD

0 MP; 1 MP; 1.5 MP(L); 2 MP; 3 MP; 4 MP; 5 MP

0.02; 0.095 mi.; 0.229 mi.; 0.317 mi.; 0.324 mi.; 0.370 mi.; 1.059 mi.; 1.237 mi.; 1.202 mi.; 1.603 mi.; 1.785 mi.; 2.045 mi.; 2.110 mi.; 2.433 mi.; 2.524 mi.; 2.801 mi.; 2.863 mi.; 2.929 mi.; 2.967 mi.; 4.030 mi.; 4.229 mi.; 4.419 mi.; 4.943 mi.; 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2'–4' AC; 2.12 4' – 6' GRASS; 2.80; 3.06 4' – 6' GRASS; 3.72; 2' AC
- Pavement: Width and Type: 22' AC; .801; 24' AC; (12' AC SHLR. & BIKE PULL OUT); (12' AC SHLR. & BIKE PULL OUT)
- Shoulder: Width and Type: 2'–4' AC; 2.12 4' – 6' GRASS; 2' AC; 4.09; 4.09; 2' AC

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

Number of Traffic Lanes: 2 – 11'; .801; 2 – 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): NONE

(Right Side): NONE

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

Sidewalk: Width and Type (Right and Left): NONE

Curb and/or Gutter: Type (Right and Left): AC CURB; AC GUTTER

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

Illumination: Type, Location and Number: NONE

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: MOUNTAINOUS (3)

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 2016: 1,500

HPMS Sections – AADT 2015: 1,700

HPMS Sections – AADT 2014: 0.09 N/A

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- 0.02 378A–01–00MR 2003 MAINTENANCE & REPAIRS
- 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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.

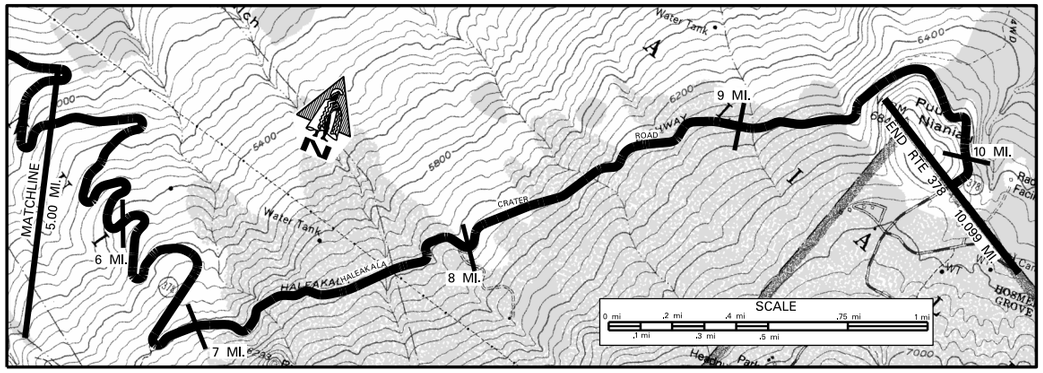
ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

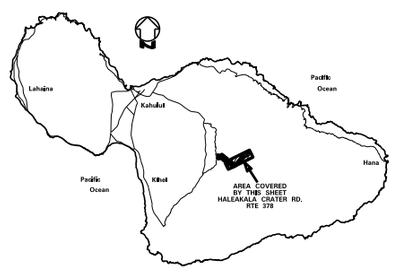
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 10.099 miles
- a. Survey Length: 10.099 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
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 — @ END PROJECT (877 + 00)
Project No., Type of Construction, and Year Constructed	378A–01–04M, RESURFACE, 2006 — (378A–01–92M, 1993, RESURFACE)
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 5.046 mi. · CULVERT 5.126 mi. · CULVERT 5.191 mi. · CULVERT 5.324 mi. · CULVERT 5.916 mi. · CULVERT 6.199 mi. · CULVERT 6.625 mi. · CULVERT 6.868 mi. · CULVERT 6.920 mi. · LOOKOUT CULVERT 7.252 mi. · CULVERT 7.262 mi. · CULVERT 7.434 mi. · POHAKUOKALA BRIDGE 7.654 mi. · 7.894 mi. · CATTLE GUARD CULVERT 8.236 mi. · 8.196 mi. · WAIALE BRIDGE 8.447 mi. · 8.876 mi. · CULVERT 9.193 mi. · CATTLE GUARD 9.286 mi. · 6600' ELEVATION SIGN 9.406 mi. · CULVERT 9.815 mi. · CULVERT 9.882 mi. · CULVERT @ CENTERLINE CATTLEGUARD 9.981 mi. · CATTLE GUARD 10.099 mi. 10.054 mi.

HALEAKALA CRATER ROAD — 5 · 6 MP · 7 MP · 8 MP · 9 MP · 10 MP · 10.19 MP

END RTE 378 ON HALEAKALA CRATER RD. AT THE NAT'L PARK BDRY @ THE CATTLE GUARD NEAR THE "END STATE HWY SIGN". *10.099 mi.

* NO ROUTE LENGTH ADJUSTED TO MATCH 14 VIDEOLOG & 14 FEATURES DATABASE. USED TO USES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	2' AC
Divided Highway – Undivided: Pavement: Width and Type	24' AC (12' AC SHLDR & BIKE PULL OUT) — .252 — 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 – 12' — .252 — 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)	N O N E
Curb and/or Gutter: Type (Right and Left)	N O N E
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	
Illumination: Type, Location and Number	N O N E
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	C D B A F E D A F E A E A F E A C E F D A D E D A B A F B F A E A F E A B A C A D E D A B E A D A F A C A E A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	D E D E C B D E C D E D E
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	874 0378 00000
HPMS Sections – AADT 2016	1,500
HPMS Sections – AADT 2015	1,700
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
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) — RS–0378(1) 1981 RESURFACE
	378A–03–68 1968 RESURFACE — 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.
Feb 11	D.B.
Feb 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb 18	D.B.

ROAD INVENTORY

MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

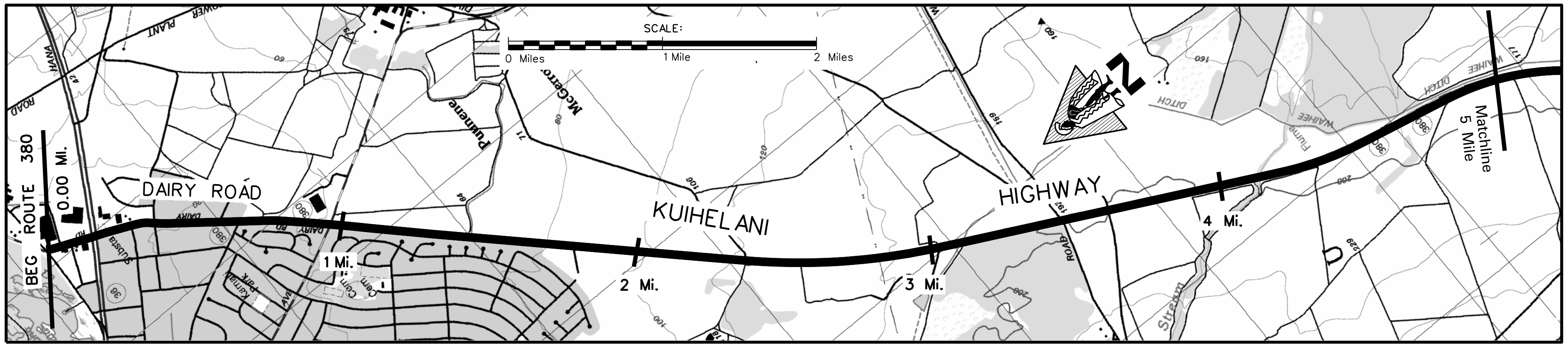
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

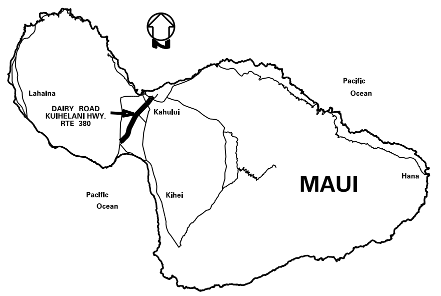
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 6.171 MILES (a+b)
a. Existing Length: 6.171 MILES
b. Proposed Length: 0.00 MILES
Total Travel Way Length: 6.171 MILES (a+b, less c)
a. Existing Length: 6.171 MILES
b. Temporary Length: 0.00 MILES
c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. ______________ FUNCTIONAL CLASSIFICATION ______________



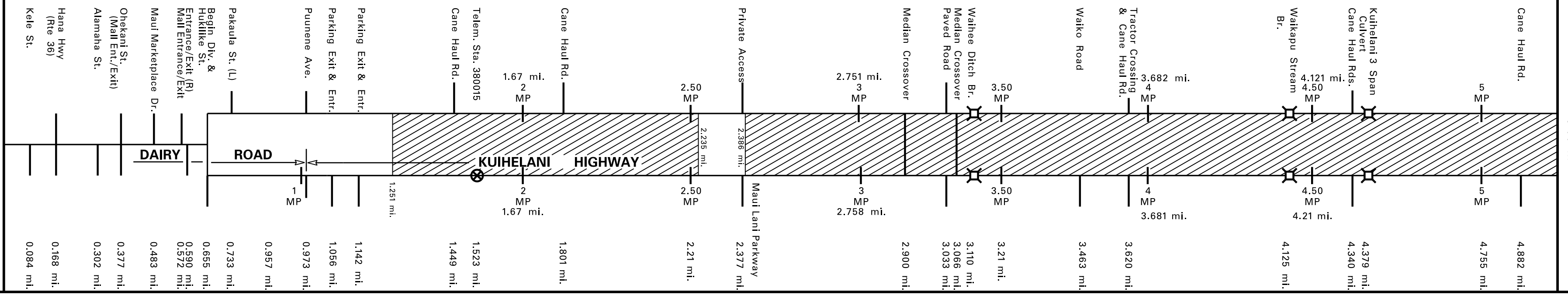
SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5
Maintenance Control Sections : Length and Description	BEG. 380A SAME AS BEG. EXISTING RTE. ? ? 380A (0.95 mi.) ? END 380A SAME AS ROUTE 0.95 | 0.96 ? BEG. 380A SAME AS BEG. EXISTING RTE. ? 380 A (6.17 mi.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	24', Slab, HS–20, 1970 25', Precast Conc Plank, HL–93, 2003 61', Tee Beam, HS–20, 1970 60', Precast Prestressed Conc Beam, HL–93, 2003 77', Culvert, HS–20, 1970 78', 3 Span Culvert, HL–93, 2003
Vertical Clearance	3.12
Horizontal Clearance	44' 36' (3.11); 44' 36' (4.12); 44' 36' (4.37)
Structure Over Road – Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	150' – 210'
Available Right of Way Width (Needs Study)	COMMERCIAL 0.65 RANCHLAND / SUGAR CANE 2.99 FARMS–BUSHES–TREES 3.45 CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT
Right of Way Fence: Type – Right and Left	3.15 WOOD/CONC. 3.45 METAL ON WOOD 4.60
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	329+00; 293+30.51; 276+80; STATE
Project No., Type of Construction, and Year Constructed	HWY–M–02–16M, PREVENTIVE MAINTENANCE, 2017 0.67; 276+80 0.97; 276+80; NH–0380(013), RESURFACE, 2016
Project No., Type of Construction, and Year Constructed	380A–01–89M (R) 1990 0.78 ← 0.95; 0.98 —(NH–0380(9), (Widening) 2003); NH–0900(080), PREVENTIVE MAINTENANCE, 2014



▨ Indicates Grass & / or Physical Barrier on Median.

Road Diagram

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



Route Continued on Sheet #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5
Divided Highway – Undivided – Shoulder: Width and Type	0 0.16 .214 .302 4'–6' AC .514 .606 .655 0.96 0.97 10' AC; Milled Edgeline Rumble Strip 3.64 10'–25' AC 3.92 10' AC
Pavement: Width and Type	40' AC; 50' AC; 40' AC; 50' AC; 40' AC; 50' AC; 22' AC 1.04; 24' AC
Shoulder: Width and Type	0 0.16 4'–6' AC .568; 0; 8' AC; 10' AC; 0; 4' AC; 10' AC
Median: Width and Type	.655 10' Painted AC 0.96 8'–10' Painted AC 1.04 1.11 8'–14' Painted AC 1.251 18' Grass 2.235 14' Painted AC 2.336 10' Grass 2.58 18' Grass
Shoulder: Width and Type	0; 4' AC; 0; 4' AC
Pavement: Width and Type	22' AC 0.96 24' AC; 24' AC; 24' AC
Shoulder: Width and Type	4'–6' AC; 8' AC; 10' AC; 10' AC
Number of Traffic Lanes	.168 .24 4–10' .655 4–11' 0.96 (1–12', 1–10') (2–12'); 4–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 10' Turning Lanes)	.06 .11 .24 .34 .44 .51 .61 .714 .853 10' (L) TL; .377 1–12' TL .573; .941; .111; 1–12' TL .609
(Right Side) (All 10' Turning Lanes)	.05 .084 .10 .168 .22 .28 .302 .34 .377 .44 .483 .56 .590 .655 .679 .733 .081 .108 .142 .288; .236 1–12' TL; 1–12' TL .377 .669; .864 .900; .030 .066; .328 1–12' TL .463
Frontage Road: No. of Lanes, and Width (Right and Left)	.136 .661 .693 (2–10' L TLs) .878 .973
Sidewalk: Width and Type (Right and Left)	6' Conc. S.W. .136; 4' Conc. S.W. .136; .254 .321 6' Conc. S.W. .594; 4' Conc. S.W.
Curb and/or Gutter: Type (Right and Left)	C.C.&2'C.G.; C.C.&2'C.G.; Conc. Curb .693; AC Curb; C.C.; AC Curb; .246 .278; .258 6' Conc. Gutter .672
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.136 .211 .326 .375 .464 .666 .930 .949; .097 .174 .271 .333 .567 .613; .103 .193 .359 .435 .616 .695 .977
Illumination: Type, Location and Number	0.96 M.V. 1.04 .220 .616 .746 .776; 2.32 8 HPS 2.43; .071 .124 .376 .405 2.40 8 HPS 3.50 .634 .786 .852 .886; .057 .150 .315 .827 .950
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	(D) 0.02 A 0.30 B 0.37 A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A 0.11 B 3.47 A 4.05 B 4.53 A 4.82 B 4.89 A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1)
Speed: 1–Design, 2–Posted	Not Posted .222 30 MPH (2) .106 45 MPH (2) .411 .155 (45 MPH (2)) .252 55 MPH (2) .215 .308 45 MPH (2) .681 .682 55 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	.168 .302 .483 .655 .733 .973 .155 .252 .215 .377 .463 3 Phase 2 Phase .620
Traffic Stations (Current Year)	B74 0380 00000; B74 0380 00096; B74 0380 00167
HPMS Sections – AADT 2016	34,700 0.96 24,900 1.67 16,100
HPMS Sections – AADT 2015	24,500 17,774
HPMS Sections – AADT 2014	0.74 N/A 3.47 N/A
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5) 0.96 Principal Arterial (3)
National Highway System (NHS)	Not on NHS (0) On NHS (1)
Previous Projects: Project No., Date and Limits	0.96 NH–0380(11), PREV. MAINT., 2009 0.78 NH–0380(9), (Widening) 2003 380A–01–89M (R) 1990 0.97 380A–01–99M (R), 2000 380A–01–89M (R), 1990 (FAP 5C 1931) 0.03 0.18 3800A–01–81M 1981 (Resurf.) 0.75 S–0380(6) 1971 DANG 8(1), 1945 County 2.37 S–038 (6), 1969
SCALE: (In Miles) 4" = 1 mile	0 – 1 – 2 – 3 – 4 – 5

Date Released	
July 2002, DB	
Revised	
Apr 03	JK
Aug 04	D.B.
Sept. 04	D.B.
Nov., 06	D.B.
Mar., 09	D.B.
Dec. 09	D.B.
Aug. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 380
KUIHELANI HIGHWAY

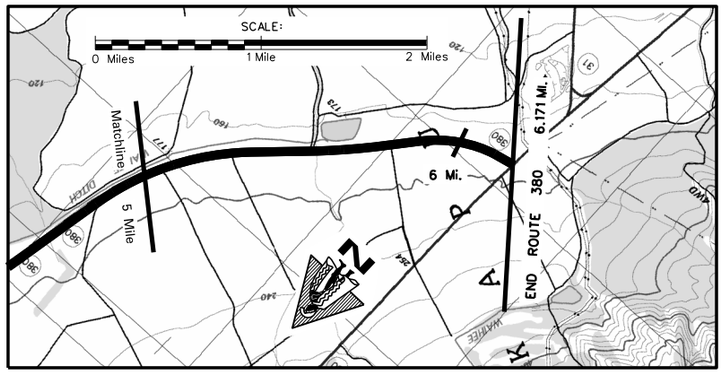
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

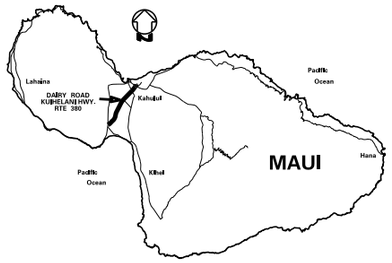
Total Designated Route Length:	6.171	MILES (a+b)
a. Existing Length:	6.171	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	6.171	MILES (a+b, less c)
a. Existing Length:	6.171	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



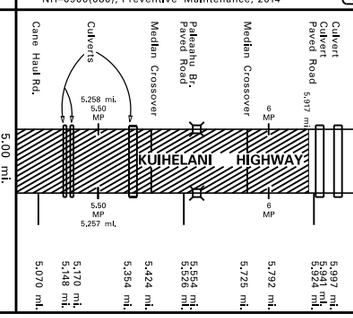
SCALE: (In Miles) 4" = 1 mile

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.
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
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	5.98: 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 (6+00) 6089
Project No., Type of Construction, and Year Constructed	NH-0380(013), Resurface, 2016
Project No., Type of Construction, and Year Constructed	NH-0900(080), Preventive Maintenance, 2014 (0+65)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram



Continued from Sheet #1.

*NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
End Rte 380 on Kuihelani Hwy at the East edge of pavement of Honoapiilani Highway (Rte 30).
*6.171 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway, Undivided: Shoulder: Width and Type	10' AC; Milled Edgeline Rumble Strip
Divided Highway, Undivided: Pavement: Width and Type	24' AC; 12' AC
Divided Highway, Undivided: Shoulder: Width and Type	10' AC; 0
Divided Highway: Median: Width and Type	18' Grass; 10'–18' AC; 10' Painted AC
Divided Highway: Shoulder: Width and Type	4' AC
Divided Highway: Pavement: Width and Type	24' AC; 12' AC, 36' AC
Divided Highway: Shoulder: Width and Type	10' AC
Number of Traffic Lanes	4 – 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)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	
Illumination: Type, Location and Number	
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1)
Speed: 1–Design, 2–Posted	55 MPH (2); 45 MPH (2); Not Posted; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	3 Phase Traffic Signal
Traffic Stations (Current Year)	B74 0380 00167
HPMS Sections – AADT 2016	16,100
HPMS Sections – AADT 2015	17,774
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial (3)
National Highway System (NHS)	On NHS (1)
Previous Projects: Project No., Date and Limits	
	NH-0380(11), Prevent. Maint., 2009
	NH-0380(9) (Widening) 2003 — [BR-NH-030-1(24) (Widening) 2002]
	380A-01-99M (R), 2000
	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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

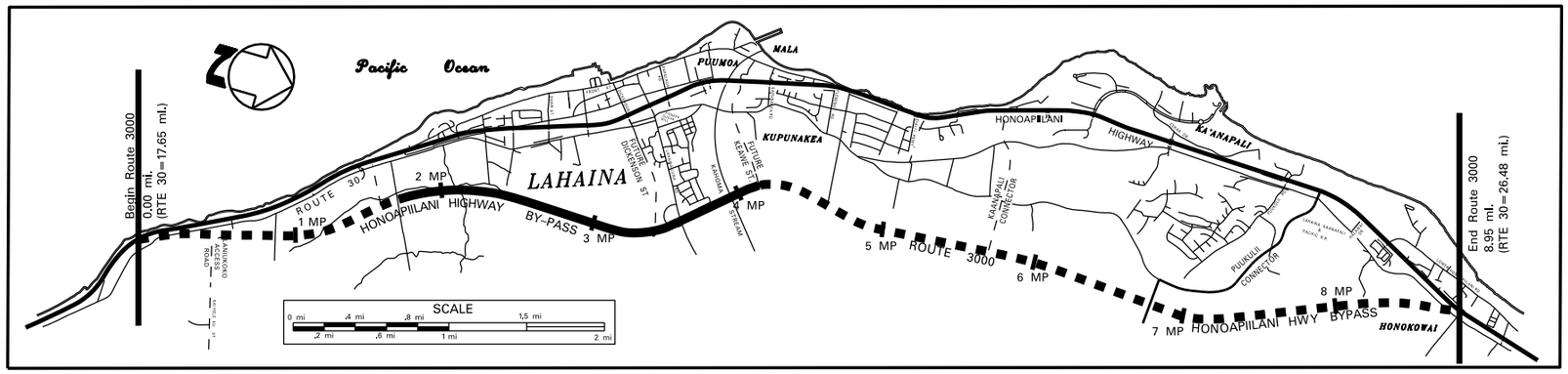
ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

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:** 2.32 miles
- **b. Proposed Length:** 6.63 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
- 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)

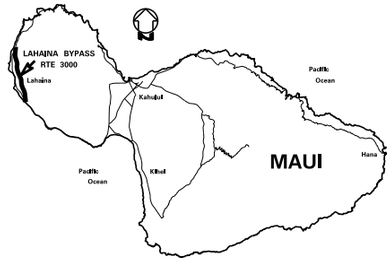
Right of Way Fence: Type – Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- (STP-030-1(22), Demolition of Ikena Ave)

Project No., Type of Construction, and Year Constructed
- 1.62 NH-030-1(38), REALIGNMENT 1B1, 2013
- 3.34 3.46 3.49 3.86 (NH-030-1(35), REALIGNMENT 1A, 2013)

Project No., Type of Construction, and Year Constructed



CULVERT GRATES (–) RUN MILEAGES 3.335, 3.205, 2.812, 2.564, 2.516, 2.448, 2.460, 1.906

Road Diagram

* MP = Milepost Signage

CULVERT GRATES (+) RUN MILEAGES 1.848, 1.876, 1.904, 2.072, 2.412, 2.458, 2.486, 2.514, 2.562, 2.810, 2.858, 3.265, 3.473, 3.483, 3.493, 3.531, 3.579, 3.615, 3.655

BEGIN ROUTE 3000 ON HONOAPIILANI HWY BY-PASS AT NORTH EDGE PAVEMENT OF CONNECTION WITH HONOAPIILANI HWY (RTE 30). 0.00 MI.

EQUATION BASED ON KAHOMA BRIDGE @3.740 MI. 2014 VIDEOLOG + 1.798 MI.

END ROUTE 3000 ON HONOAPIILANI HWY BYPASS AT SOUTH EDGE OF PAVEMENT OF CONNECTION WITH HONOAPIILANI HWY (RTE 30). 8.95 MI.

- 0.75 MI. CULVERT
- 0.96 MI. CULVERT
- 1.798 MI. HOKOKO PL. & BEG DIV.
- 1.851 MI. END DIV. RAMP
- 1.937 MI. KAUAULA STREAM BR.
- 2.036 MI. 2 MP (R)
- 2.470 MI. 2.50 MP (R)
- 2.971 MI. 3 MP (R)
- 3.203 MI. BEG. DIV.
- 3.373 MI. 3.501 MI. 3.50 MP
- 3.460 MI. LAHAINALUNA RD OP RAMP
- 3.608 MI. END DIV.
- 3.740 MI. 3.50 MP 3.502 MI.
- 3.759 MI. RAMP KAHOMA STREAM BR
- 4.12 MI. KEAWA ST. EXT
- 4.96 MI. WAHKULI CONNECTOR (CIVIC CENTER)
- 5.52 MI. KAANAPALI CONNECTOR
- 5.73 MI. HAHAKEA GULCH BR
- 5.88 MI. WAHKULI GULCH BR
- 6.75 MI. PUUKOLII CONNECTOR
- 7.48 MI. HANAKAOO GULCH BR
- 8.01 MI. HONOKOWAI STR BR
- 8.58 MI. HONOAPIILANI CONN.

HONOAPIILANI HIGHWAY BY-PASS

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type
- 10' AC
- 10' PCC
- 2.55 6' PCC
- 3.07 10' PCC
- 10' AC
- 3.205 10' PCC

Pavement: Width and Type
- 12' AC
- 24' PCC
- 12' AC
- 12' PCC
- 24' PCC
- 4.12

Shoulder: Width and Type
- 0
- 10' PCC
- 2.55 6' PCC
- 3.07 10' PCC
- 0
- 6' PCC

Median: Width and Type

Median Barriers:
- (0'-12' PAINTED AC)
- .7968
- .8115
- (0'-35' PAINTED PCC)
- .2403
- .2644 36' GRASS
- .6564
- .6698
- (0'-35' PAINTED PCC)

Shoulder: Width and Type
- 0
- 0

Pavement: Width and Type
- 12' AC
- 12' PCC

Shoulder: Width and Type
- 10' AC
- 10' PCC

Number of Traffic Lanes
- 2-12'
- .2471 .3724 .4752 .4.12

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

(Right Side)
- .4798

Frontage Road: No. of Lanes, and Width (Right and Left)
- .8223 .7968
- AUX
- .5544
- .2064
- .2183
- .2298
- .3373

Sidewalk: Width and Type (Right and Left)
- NONE

Curb and/or Gutter: Type (Right and Left)
- .3096 .3422
- 6' CONC. SWALE
- .4302
- .7298 .7968

Protective Devices: Type, Location and Number
- M/M .0210
- .0379 M/M
- M/M
- M/M
- M/M
- M/M
- M/M
- M/M

Illumination: Type, Location and Number
- 1-250W, HPS
- .1961
- .2305 .2365
- .2929
- .2734 .2811
- .3149 .3237 .3269 .3319 .3364
- .3481 .3506 .3562
- M/M

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- SMALL URBAN (99998)
- 4.19
- RURAL (99999)

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

Speed: 1–Design, 2–Posted
- (35 MPH (2))
- (25 MPH (2))
- .2468
- .047
- .2649
- 45 MPH (2)
- 45 MPH (2)
- (45 MPH (1))
- .3046
- (30 MPH (2))
- .4692
- 30 MPH (1)
- 30 MPH (2)
- .3374
- .4120

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Station
- 1.80
- B74 3000 00180

HPMS Section – AADT 2016
- N/A
- 4.14

HPMS Section – AADT 2015
- 4,590

HPMS Section – AADT 2014
- 3.46 N/A

DOD Sections

Census Tracts

Functional Classification
- PRINCIPLE ARTERIAL (3)

National Highway System (NHS)
- ON NHS – PARTLY BUILT

Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec 2004	JK
Revised	
Nov., 06	D.B.
Feb., 09	D.B.
Feb., 11	D.B.
Feb., 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
Jan. 16	D.B.
Jan. 17	D.B.
Feb., 18	D.B.

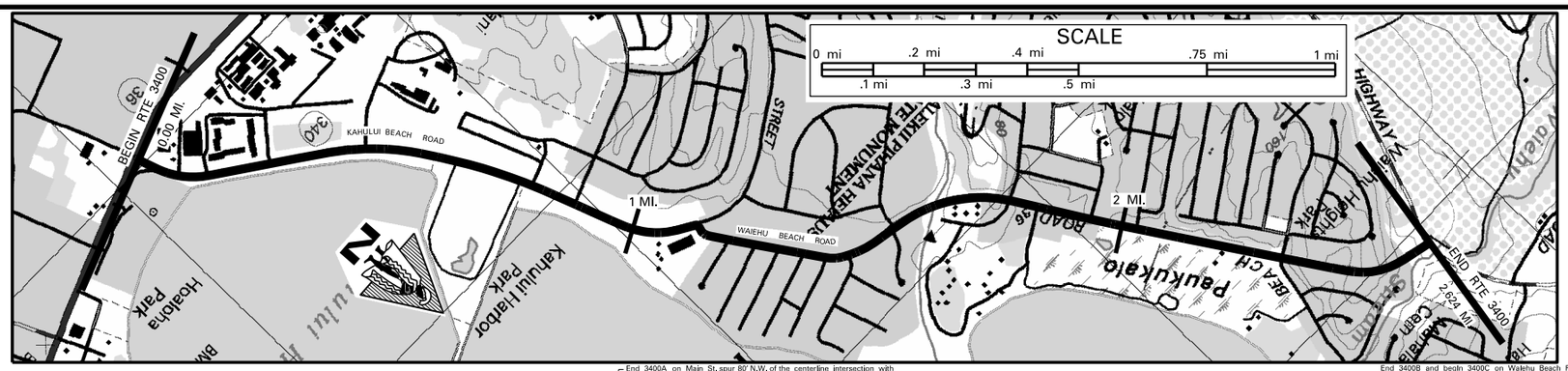
ROAD INVENTORY
MAUI RTE 3400
KAHULUI BEACH ROAD AND WAIEHU BEACH ROAD

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: 2.624 miles
- a. Survey Length: 2.624 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles



SCALE: (In Miles) 4" = 1 mile

End 3400A on Main St. spur 80' N.W. of the centerline intersection with Waiehu Beach Rd. and Kahului Beach Rd., End 3400A and begin 3400B on Waiehu beach Rd. 100' N. of centerline intersection with Kahului Beach Rd.

End 3400B and begin 3400C on Waiehu Beach Rd. 50' East of centerline Intersection of Waiehu Beach Rd. and Kaheikili Hwy. Also begin 3400C on Kaheikili Hwy – see Route 340.

Maintenance Control Sections : Length and Description

Begin 3400A on Kahului Beach Road 220' N. of centerline intersection w/Kashumanu 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
- Horizontal Clearance: 28'

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

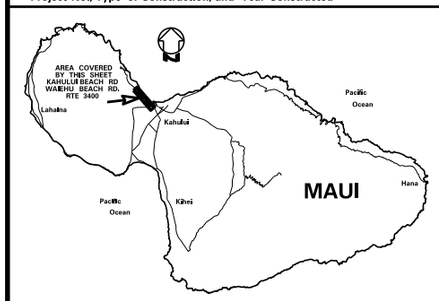
Right of Way Fence: Type – Right and Left: NONE

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
- 30 + 10
- 38 + 10
- 8 + 80
- 38 + 84.08
- 20 + 22
- 6 + 49
- 4 + 00

Project No., Type of Construction, and Year Constructed: 3400A–01–07M, RESURFACING, 2009 | BR–STP–3400(5) BR. REHAB., 2015

Project No., Type of Construction, and Year Constructed: 3400A-02-91 IMPROVEMENTS 1995 | HWY–M–05–04, IMPR, 2006 | 3400A–02–91 IMPROVEMENTS 1995 | 3400B–01–10M, RESURFACE, 2011



BEGIN ROUTE 3400 ON KAHULUI BEACH ROAD ON THE NORTHEAST EDGE OF PAVEMENT OF KAAHUMANU AVE (RTE 32) 0.00 MI.

DRIVEWAY RAMP | KAHEE PLACE | WAIHINEPIO AVE. | SMALL BOAT HARBOR ROAD | KANALOA AVE. | NISEI MEMORIAL CENTER ACCESS | MAIN ST. & END DIV. | ELUENE ST. | LINEKONA PLACE | END DIVIDED | KAINALU PL. & BEG. DIV. | KAKOO STREET | KAILANA PLACE | BEGIN DIVIDED | UKALI ST. | EHA ST. | END DIVIDED | IAO BRIDGE | BEGIN DIVIDED | END DIVIDED | KUHIO PL.(L) | KAAE RD.(R) | END DIVIDED | KUKONA PL. | BEGIN DIVIDED | KEALII DR. | END DIVIDED | MAKAALA DR. | BEGIN DIVIDED | WAILUPE DR. | END DIVIDED | WAILUKU URBAN BOUNDARY

0.165 mi. | 0.327 mi. | 0.359 mi. | 0.469 mi. | 0.576 mi. | 0.892 mi. | 0.870 mi.

0 MP | 1 MP | PAVED ROAD | NUKUWAI PLACE | 2 MP | LOWER WAIEHU BEACH RD. | 2.5 MP (R)

KAHULUI BEACH ROAD | WAIEHU BEACH ROAD

0.040 mi. | 0.087 mi. | 0.088 mi. | 0.269 mi. | 0.453 mi. | 0.632 mi. | 0.879 mi. | 1.045 mi. | 1.022 mi. | 1.125 mi. | 1.198 mi. | 1.251 mi. | 1.297 mi. | 1.290 mi. | 1.346 mi. | 1.392 mi. | 1.437 mi. | 1.469 mi. | 1.538 mi. | 1.595 mi. | 1.620 mi. | 1.700 mi. | 1.782 mi. | 1.778 mi. | 1.753 mi. | 1.833 mi. | 1.943 mi. | 1.969 mi. | 1.994 mi. | 2.030 mi. | 2.099 mi. | 2.263 mi. | 2.319 mi. | 2.373 mi. | 2.575 mi.

END ROUTE 3400 ON WAIEHU BEACH ROAD AT THE CENTERLINE JUNCTION WITH KAHEKILI HIGHWAY ALONG THE WAILUKU URBAN BOUNDARY. *2.624 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 4' AC | 6' AC | 11' AC | 4' – 6' AC | 6' AC | 10' AC | 6' AC
- Pavement: Width and Type: 12' AC | 36' AC | 24' AC | 36' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | (24' AC) | 35' AC | 12' AC | 24' AC | 12' AC | 24' AC
- Shoulder: Width and Type: 0' | 12' GRASS | 2' AC | 0' | 2' AC | 0' | 11' AC | 0' | 4' – 6' AC | 0' | 4' – 6' AC | 6' AC | 0' | 6' | 0' | 6' AC | 0' | 10' AC | 6' AC

Median: Width and Type
- 6'–24' GRASS W/CURB | 0'–12' PAINT | 0'–12' PAINT | 12' GRASS (FLUSH) | 0'–12' PAINT | 12' GRASS (FLUSH) | 0'–12' PAINT | (11' PAINTED AC) | 0'–8' PAINT | 11' PAINT | 11' PAINT | 10' PAINT

Shoulder: Width and Type
- 0' | 2' AC | 0' | 2' AC | 0' | 0' | 0' | 0' | 0' | 0' | 0'
- **Pavement: Width and Type**: 12' AC | 24' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC
- **Shoulder: Width and Type**: 4' AC | 6' AC | (6' BIKE LANE) | 6' AC | 11' AC | 4' – 6' AC | 6' AC | 6' AC | 10' AC

Number of Traffic Lanes: 4 – 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): 5' Conc. | 7' Conc. | 6' CONC. | 4' AC

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: Conc. Curb | C.C.&2'G. | 6" T. S. | C.C.&2'G. | L. D. D. | B. C.

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier: CB

Illumination: Type, Location and Number: MV | 1 MV | MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62): A | C | A | C | BDFE | A | C | A | B | A | C | AE

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45): A | B | A | B | C | B | A | C | B | E

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

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

Intersection Control Devices: Type, Location and Cycle Timing: (SIGN MISSING) 3 PHASE | 3 PHASE

Traffic Stations (Current Year): B74 3400 00000 | B74 3400 00113 | B74 3400 00232

HPMS Sections – AADT 2016: 33,300 | 9,600 | 6,700

HPMS Sections – AADT 2015: 34,900 | 10,099 | 6,700

HPMS Sections – AADT 2014: N/A | N/A | N/A

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits
- 3400A–01–97 1998
- 3400B–02–98 2 WAY (L) TLS
- 3400A–02–91 1995 IMPROVEMENTS
- 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)
- 3400AB–02–90 1992 IMPROVEMENTS
- S–0340 (1) 1955, 1956
- COUNTY
- S–247(1) 1952, 1953
- 3400A–01–88M 1988 RESURFACE
- S–0341(3) 1966, 1967

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	
Nov., 06	D.B.
Dec. 09	D.B.
Feb 11	D.B.
Feb 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb 18	D.B.

ROAD INVENTORY
MAUI RTE 3500
PUUNENE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

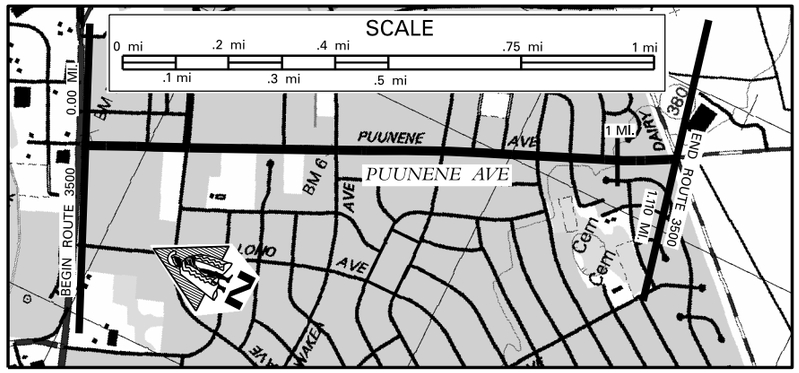
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 1.110 **miles**

a. Survey Length: 1.110 **miles**

b. Proposed Length: 0.00 **miles**

c. Other Length: 0.00 **miles**



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 3500A on Puunene Avenue 89' S. of centerline with Kaahumanu Avenue. (0.00)

End 3500A on Puunene Avenue 10' from the S.E. edge of pavement of Kuhelani 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)

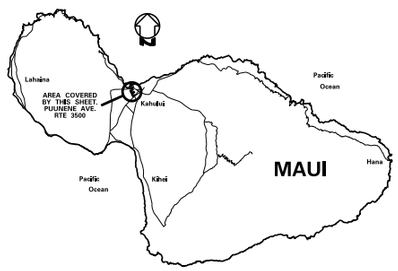
Right of Way Fence: Type – Right and Left: CHAINLINK (0.04–0.43); TILE (0.86–0.92); CHAINLINK (0.95–1.00); CHAINLINK

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 37+30 STATE 94+80

Project No., Type of Construction, and Year Constructed: 3500A–01–08M, RESURFACE, 2011 (1.09)

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



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. (+ FAR EDGE OF PAV'T)

BEGIN DIVIDED (0.100 mi.); END DIVIDED (0.140 mi.); KAMEHAMEHA AVE. (0.190 mi.); HOLOLEA ST. (0.374 mi.); WAKEA AVE. (0.471 mi.); E. KAUAI ST. (0.673 mi.); KUULA ST. (0.730 mi.); AIAI ST. (0.784 mi.); PAPA AVE. (0.851 mi.); E. HAWAII ST. (0.915 mi.); BEGIN DIVIDED PUUKANI ST. (0.979 mi.); 1 MP (0.979 mi.); 1 MP (R) 1.058 mi. (L) 1.064 mi.

PUUNENE AVENUE — W. KAUAI ST. — W. HAWAII ST.

DAIRY ROAD (+ NEAR EDGE OF PAV'T) — KUHELANI HWY. — *1.110 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.

END ROUTE 3500 ON PUUNENE AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH DAIRY ROAD AND KUHELANI HIGHWAY (ROUTE 380)

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: (44' AC); 2' AC
- Pavement: Width and Type: (33' AC); 22' AC (0.048); 44' AC (0.238); 55' AC (0.291); 44' AC (0.471); 33' AC (0.527); 44' AC (0.569); 33' AC (0.659); 34' AC (0.767); 34' AC (0.825); 24' AC; 12' AC (0.974); 24' AC
- Shoulder: Width and Type: 2'–4' AC; 0'; 2' AC; 4' AC; 4' – 6' AC; 0'

Divided Highway — Median

- Median: Width and Type: (0' – 10' PAINT) (0.100–0.140); (24' AC) (0.730–0.979); 0'–30' TREES AND GUARDRAILS (L & R)

Divided Highway — Undivided

- Shoulder: Width and Type: 0'; 0'
- Pavement: Width and Type: 22' AC; 22' AC
- Shoulder: Width and Type: 2' AC; 4' – 6' AC

Number of Traffic Lanes: 1–11' (0.034); 2–11' (0.034); 4 – 11'; 2–11' (0.471); 1–11' (0.569); 2 – 11'; 2–11' (0.673); 2 – 12'; 1–12' (0.974); 2–12' (0.999); 2–11'

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

(Right Side): 10' (0.100); 10' (0.238); 10' (0.291); 11' (0.374); 11' (0.471); 11' (0.505); 11' (0.527); 11' (0.659); 10' (0.673); 10' (0.767); 10' (0.825); 12' (0.915); 12' (0.974); 11' (0.023); 11'

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

Sidewalk: Width and Type (Right and Left): 6' CONC. S/W (0.143); 8' CONC. S/W (0.200); 4' BITUMINOUS S/W (0.486); 6' CONC. S/W (0.580); 4' BITUMINOUS S/W (0.682); 4' BITUMINOUS S/W (0.909)

Curb and/or Gutter: Type (Right and Left): CONC. CURB (0.143); CONC. CURB (0.200); CONC. CURB (0.462); CONC. CURB (0.580)

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. (0.17–0.35; 0.984)

Illumination: Type, Location and Number: 18 MV

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): A (0.000–0.069); B (0.069–0.111); A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): A (0.000–0.560); B (0.560–0.979)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

Speed: 1–Design, 2–Posted: (30 MPH (1)) (0.000–0.218); 30 MPH (2); (30 MPH (1)) (0.980–1.110)

Intersection Control Devices: Type, Location and Cycle Timing: 4 PHASE TRAFFIC LIGHT (0.190–0.471); 3 PHASE (0.851)

Traffic Stations (Current Year): B74 3500 00000; B74 3500 00038 (0.238)

HPMS Sections – AADT 2016: 17,000; 28,800

HPMS Sections – AADT 2015: 17,000; 28,800

HPMS Sections – AADT 2014: N/A (0.100–0.471); N/A

DOD Sections: DOD 680

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits:

- STP–3500 (5) 1996 RESURFACE (1.09)
- HES 3500(4) 1994 (0.09–0.28)
- 380A–01–72 1976 RESURFACE (0.92); M –3500 1981

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
FEB., 06	D.B.
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 12	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

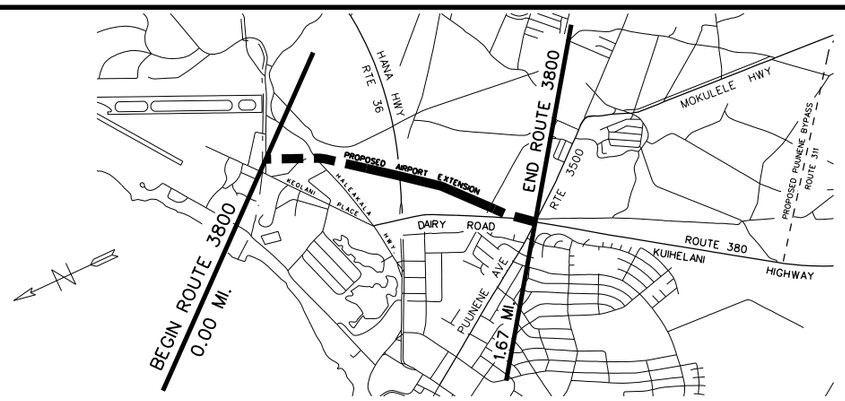
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

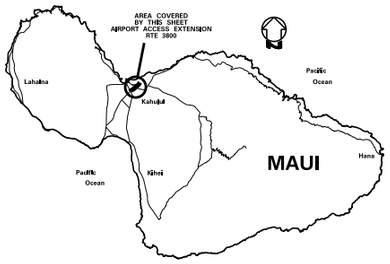
Total Designated Route Length:	1.67	MILES (a+b)
a. Existing Length:	0.85	MILES
b. Proposed Length:	0.82	MILES
Total Travel Way Length:	0.00	MILES (a+b, less c)
a. Existing Length:	0.00	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

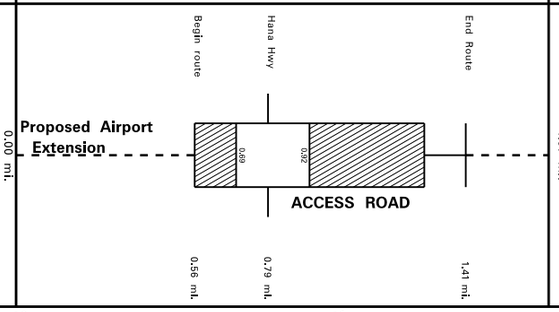
Maintenance Control Sections : Length and Description			
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
	Vertical Clearance		
	Horizontal Clearance		
Structure Over Road	Vertical Clearance		
	Horizontal Clearance		
Right of Way Width (min.–max.) If varies			
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			



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

Begin Route 3800 on Proposed Road at the Kahului Airport Boundry. 0.00 mi.



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

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	8' PCC	
	Pavement: Width and Type	24' PCC	48' PCC
	Shoulder: Width and Type	0–4' PCC / 6' PCC	8' PCC
Divided Highway	Median: Width and Type	0.56 – 20' GRASS – 0.69 – 4–20' PCC – 0.82 – 16' RAISED GRASS – 1.28 – 1.41	
	Shoulder: Width and Type	0–4' PCC / 6' PCC	
	Pavement: Width and Type	24' PCC	
	Shoulder: Width and Type	8' PCC	
Number of Traffic Lanes		0.79 – 0.88 – 4–12'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		0.69 – 0.81	1.28 – 1.41
(Right Side)		0.56 – 0.69	
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)		4–8' PCC / 4' PCC	6' PCC
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 (99998)	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous			
Speed: 1–Design, 2–Posted		45 ②	
Intersection Control Devices: Type, Location and Cycle Timing		,79	
Traffic Station		B74 3800 00000	1.95
HPMS Sections – AADT 2016		N/A	
HPMS Sections – AADT 2015		0.84 – 20,906	
HPMS Sections – AADT			
DOD Sections			
Census Tracts			
Functional Classification		Principle Arterial (3)	
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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Jan. 16	E.P.J.
Jan. 17	E.P.J.
Feb. 18	D.B.

ROAD INVENTORY

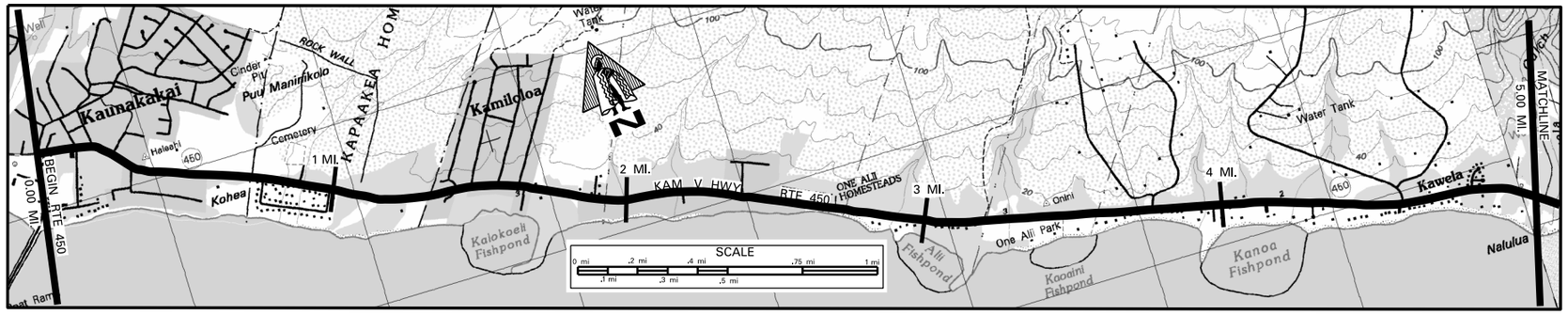
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 27.499 miles
- **a. Survey Length:** 27.499 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 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road, — 450A (10.13 MI)

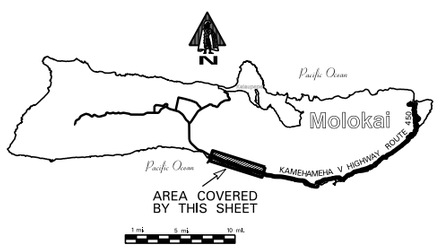
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940 H15 — 25' ; SLAB 1940 H20 — 23'
Vertical Clearance	
Horizontal Clearance	26' ; 26'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) If varies	60' – 80' (1.00) ; 80'
Available Right of Way Width (Needs Study)	RESIDENTIAL AREA ; TREES AND BUSHES (FEW HOMES) (3.46)
Right of Way Fence: Type – Right and Left	WIRE ON WOOD 15' FROM PAVEMENT (2.36) ; WIRE ON WOOD 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)	STATE (1+00 ; 95+00 1980 ; 205+00 3.88)
Project No., Type of Construction, and Year Constructed	450A–01–12M, RESURFACE, 2015 (0.22) ; 450A–01–12M, RESURFACE, 2015
Project No., Type of Construction, and Year Constructed	450A–01–08M, RESURFACE, 2009 (0.01) ; STP–0450(6) 1996 RESURFACE



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. (0.006 mi.) ; KAMOI ST. (0.124 mi.) ; KAUNAKAKAI SCH. (0.182 mi.) ; ALOA ST. (0.261 mi.) ; OKI PLACE (0.326 mi.) ; ROAD TO "DUKE MALU" PARK (0.468 mi.) ; ALANUI KAIMI IKE EDUCATION CTR. (0.694 mi.) ; KAPA AKEA LOOP (0.771 mi.) ; CULVERT (0.847 mi.) ; KAPA'AKEA CEMETERY (0.891 mi.) ; CULVERT (0.902 mi.) ; KAPA'AKEA LOOP (0.988 mi.) ; 1 MP (0.998 mi.) ; CULVERT (1.194 mi.) ; HOTEL ENT. (1.341 mi.) ; HOTEL ENT. (1.404 mi.) ; KAMILOLOA PLACE (1.427 mi.) ; AAHI ST. (1.474 mi.) ; CULVERT (1.522 mi.) ; ILIAHI PLACE (1.560 mi.) ; CULVERT (1.631 mi.) ; KAHUNANI PLACE (1.699 mi.) ; OPUA PLACE (1.888 mi.) ; ONAONA STREET (1.895 mi.) ; HOTEL MOLOKAI ENT. (1.903 mi.) ; KAMILOLOA BRIDGE (1.983 mi.) ; 2 MP ; KAM V HWY ; 1.50 MP ; 1.497 mi. ; CULVERT (2.383 mi.) ; PANO PLACE (2.466 mi.) ; CULVERT ; 3 MP (3.005 mi.) ; ONEALII PARK #1 (3.332 mi.) ; MAKANUI RD. (3.764 mi.) ; MAKAKUPAIA BRIDGE (3.934 mi.) ; 4 MP (4.017 mi.) ; HOOULU PL. (4.296 mi.) ; 4.50 MP (4.493 mi.) ; ULUANUI RD. (4.657 mi.) ; CULVERT (4.596 mi.) ; KAMAKANA PLACE (4.831 mi.) — 5.00 mi.

CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	6' AC (0.25) ; 12' AC (1.00) ; 6' AC (1.80) ; 4' AC (3.88) ; Milled Edgeline Rumble Strip
Pavement: Width and Type	24' AC ; 22' AC
Shoulder: Width and Type	6' AC ; 4' AC (3.88) ; Milled Edgeline Rumble Strip ; Milled Centerline Rumble Strip (3.88)

Divided Highway — Median

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

Number of Traffic Lanes	2 – 12' (1.80) ; 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)	6' BP (0.27 – 1.01) ; N O N E
Curb and/or Gutter: Type (Right and Left)	.659 .657 .467 .216 .439 .469 .320 .301 ; N O N E
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted. .174 .206
Illumination: Type, Location and Number	MERCURY VAPOR (1.00) ; .148 .206 .207 .107 ; MERCURY VAPOR ; 2.37 .463 .495 ; 2.00 1 MV ; 3.35 1 MV ; .918 .301
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A (0.11) BA (0.24) B (0.42) ; .975 .986 ; A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A ; 1.94 B 2.00 ; A ; 2.96 B 3.18 ; A ; 4.17 B 4.23 ; A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	4.12 ; FLAT (1)
Speed: 1–Design, 2–Posted	35 MPH (1) 20 MPH (2) 35 MPH (2) ; 35 MPH (1) 20 MPH (2) 35 MPH (1) (1.88 – 6.74) ; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0450 00000 ; 1.99 ; B75 0450 00199
HPMS Sections – AADT 2016	5,900 ; 2,300
HPMS Sections – AADT 2015	4,900 ; 2,300
HPMS Sections – AADT 2014	6,300 ; 2.38 ; N/A
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	0.01 450AB–01–01M 2001 RESURFACE 1.80 ; 1.28 STP–0450(7) 1998 1.79 ; STP–0450(6) 1996 RESURFACE
	HWY–M–06–06M 1997 1.80 ; HWY–M–02–90 1991 SHOULDER IMPROVEMENT 3.69
	RS–0450(4) 1988 RESURFACE ; RS–0450(1) 1979 RESURFACE
	0.51 450A–01–72 1972 RESURFACE 1.99 ; FAS 2A 1940
	COUNTY 1.00 1.90 ; FAS 2A(1) 1938

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
Nov., 06	D.B.
Dec.09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

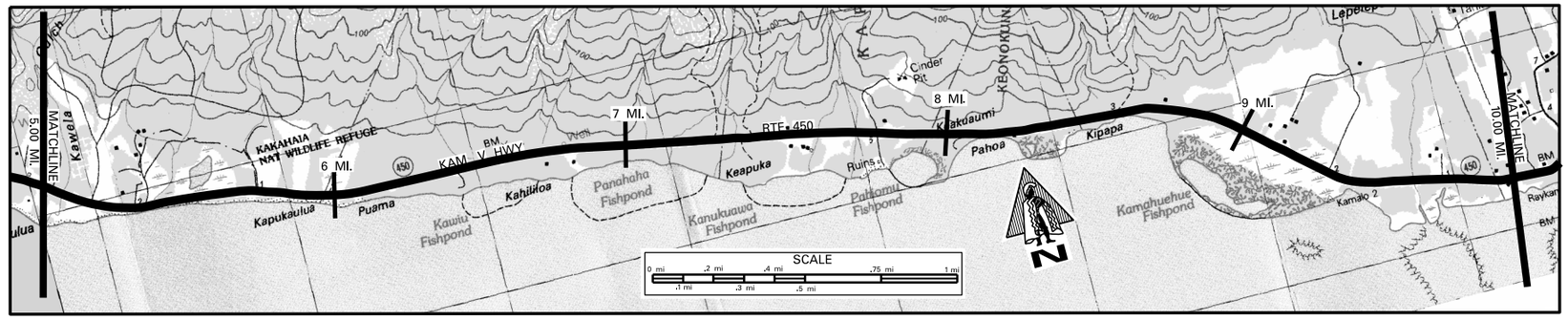
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 27.499 miles
- a. Survey Length: 27.499 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 2014 H15 56'; PRESTRESSED CONCRETE SLAB 1981 HS-20-44 43'

Vertical Clearance

Horizontal Clearance — 26'; 28'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

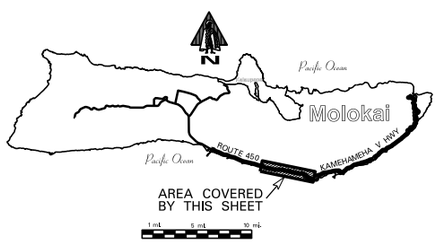
Right of Way Fence: Type – Right and Left — WIRE ON WOOD 15' FROM PAVEMENT; NONE; WIRE ON WOOD 15' FROM PAVEMENT; WIRE ON WOOD

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 — 450A-01-12M, RESURFACE, 2015; STP-0450(9) GUARDRAIL AND SHOULDER IMPROVEMENTS 2013

Project No., Type of Construction, and Year Constructed — (BR-0450(8) 2014 BRIDGE REPLACEMENT); 450AB-01-13M RESURFACE 2017



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi. — KAWELA BRIDGE; ONONI DR.; BRIDGE; CULVERT; CULVERT; CULVERT; BRIDGE; CULVERT; FORD; CULVERT; PROJ. MARKER; CULVERT; CULVERT; CULVERT; KAMALO BRIDGE; CULVERT; CULVERT; CULVERT — 10.00 mi.

KAMEHAMEHA V HIGHWAY

5 MP; 5.50 MP; 6 MP; 6.50 MP; 7 MP; 9 MP; 10 MP

5.016 mi.; 5.097 mi.; 5.211 mi.; 5.408 mi.; 5.522 mi.; 5.506 mi.; 6.002 mi.; 6.187 mi.; 6.487 mi.; 6.448 mi.; 7.005 mi.; 7.132 mi.; 7.273 mi.; 7.742 mi.; 7.947 mi.; 8.147 mi.; 8.35 mi.; 8.502 mi.; 8.703 mi.; 9.014 mi.; 9.632 mi.; 9.835 mi.; 9.906 mi.; 9.999 mi.; 9.98 mi.

CONTINUED ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type — GRASS UNLESS NOTED — (4' AC) 10' AC; 4' AC

Pavement: Width and Type — (22' AC) 24' AC; 22' AC; 20' AC — MILLED EDGELINE RUMBLE STRIPS

Shoulder: Width and Type — GRASS UNLESS NOTED — (4' AC) 10' AC; 4' AC — MILLED EDGELINE RUMBLE STRIPS

Divided Highway

Median: Width and Type — MILLED CENTERLINE RUMBLE STRIPS

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes — (2 – 11') 2 – 12'; 2 – 11'; 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) — NONE

Curb and/or Gutter: Type (Right and Left) — NONE

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

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62) — A; C; A; B; A

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45) — A; B; A; B; A; B; A; B; A; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: — RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — FLAT (1); ROLLING (2); FLAT (1); FLAT (1)

Speed: 1–Design, 2–Posted — 35 MPH (2); 35 MPH (2); 45 MPH (MIN. 35 MPH) (2); 45 MPH (2); 35 MPH (2); 45 MPH (2); 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B75 0450 00511

HPMS Sections – AADT 2016 — 2,300; 1,100

HPMS Sections – AADT 2015 — 2,300; 1,100

HPMS Sections – AADT 2014 — N/A; 1,200

DOD Sections

Census Tracts

Functional Classification — MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits — STP-0450(6) 1996 RESURFACE; STP-0450(7) 1998; 450AB-01-01M 2001 RESURFACE; HWY-M-06-96M 1997; RS-0450(1) 1979 RESURFACE; FAS 2A 1940; FAS 2A(1) 1938; 450AB-01-89M 1990 RESURFACE; S-2(2) 1947; 450AB-01-76M 1976 RESURFACE; COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	
Aug., 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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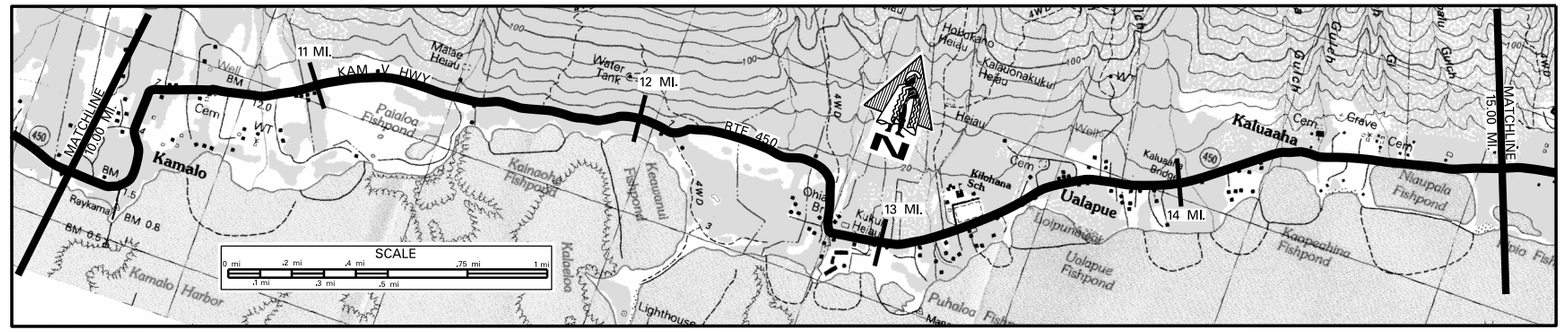
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 miles
- a. Survey Length: 27.499 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 450 B SAME AS BEGIN SR 450 — 450B (17.43 MI.)

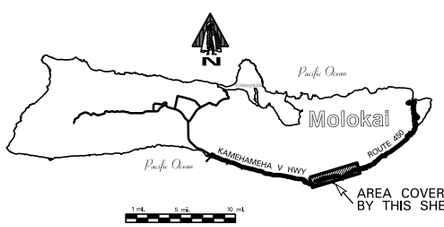
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRE-STRESSED SLAB 1979 HS-20 22' (11.99–12.09); PRE-STRESSED SLAB 1979 HS-20 36' (13.03–13.09)
Vertical Clearance	
Horizontal Clearance	18' (11.99–12.09); 21' (13.03–13.09)

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 (10.00–11.99); WIRE ON METAL CHAIN LINK (11.99–13.03); WIRE (13.03–15.00)
Control of Access: 1–None, 2–Partial, 3–Full	NONE (11.99–13.03)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP-0450(9) GUARDRAIL AND SHOULDER IMPROVEMENTS 2013 (11.96–12.09); 450B-01-02M RESURFACE 2003
Project No., Type of Construction, and Year Constructed	450AB-01-13M RESURFACE 2017



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

KAMALO WHARF ROAD CULVERT (10.129 mi., 10.095 mi.) — FORD (10.821 mi.) — 11 MP (11.009 mi.) — CULVERT (12.12 mi.) — 12 MP (12.019 mi.) — CULVERT (12.519 mi.) — OHIA BRIDGE (12.803 mi.) — ROAD TO WAVECREST RESORTS (12.915 mi.) — HAW'N TEL-SUBSTATION (L) (13.005 mi., 12.980 mi.) — 13 MP (13.173 mi.) — KILOHANA SCHOOL FORD (13.253 mi.) — UALAPUE PLACE (13.421 mi.) — 14 MP (14.013 mi.) — KALUAAHA BRIDGE — KEALANUI OHINA PL. (14.126 mi.)

KAMEHAMEHA V HIGHWAY

CONTINUES ON SHEET #4

15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	4' AC; 2' – 4' AC (11.33); 4' AC / 2' GRASS (12.39); 2' – 4' AC (14.05)
Pavement: Width and Type	20' AC (10.15); 18' AC
Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	4' AC; 2' – 4' AC

Divided Highway

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

Number of Traffic Lanes	2–10' (10.15); 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 (.490 .747; .031 .396)
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	TEMP CONC BARRICADE (.554 .609; .382 .442)
Illumination: Type, Location and Number	11 INCA. (10.45–10.62)
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	A (10.09) E (10.19) AD (10.26) C (10.37) A (10.45) F (10.55) A (10.82) B (10.87) A (11.26) B (11.33) A (11.49) BA (11.56) B (11.65) A (11.77) C (11.79) A (11.87) D (11.92) B (12.10) D (12.18) E D (12.24) A (12.48) D (12.71) ABE (12.87) A (13.35) B (13.46) A (13.68) CA (13.86) B (14.02) A (14.26) BAD (14.38) C (14.42) A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	B (10.69) A (10.93) B (11.18) A (11.72) B (11.83) A (11.91) B (11.98) A (12.20) B (13.24) A (13.71) B (14.28) A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1) (.396; .515)
Speed: 1–Design, 2–Posted	35 MPH (1); 35 MPH (1) / 35 MPH (2); 20 MPH (2)(SCHOOL ZONE) / 20 MPH (2)(SCHOOL ZONE); 30 MPH (2) / 30 MPH (1); 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	(.123; .070)
Traffic Stations (Current Year)	B75 0450 00511; B75 0450 01015; B75 0450 01402
HPMS Sections – AADT 2016	1,100; 1,300 (10.15); 1,300; 1,100
HPMS Sections – AADT 2015	1,100; 1,440; 305
HPMS Sections – AADT 2014	1,200; N/A (13.25); N/A (14.13)
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	450AB-01-01M RESURFACE 2001 (11.33); 450AB-01-76M 1976 RESURFACE; 450AB-01-89 1990 RESURFACE; HWY-M-01-96M 1997; 450B-01-76M 1976 RESURFACE; 450B-02-88 1988 SHOULDER IMPROVEMENTS (12.35); 450B-01-94M 1996 RESURFACE (14.03, 14.05); 450B-01-80M 1980 RESURFACE (14.03, 14.07); STP-0450(5) 1994 GUARDRAIL SHDLR. IMPROV. (14.35); COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

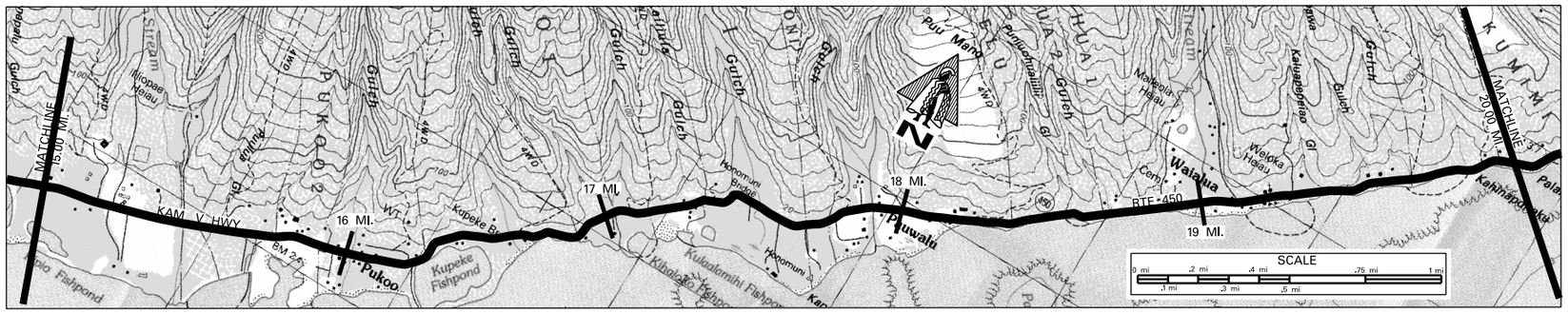
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 27.499 miles
- a. Survey Length: 27.499 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
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

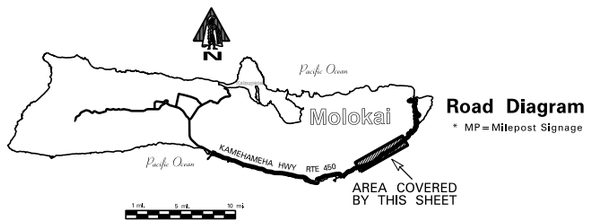
Right of Way Fence: Type – Right and Left WIRE ON METAL / WIRE (18.36)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C) STATE (130+00)

Project No., Type of Construction, and Year Constructed
- 450B-01-02M RESURFACE 2003 (16.03)
- 450B-01-03M, RESURFACE, 2006 (17.28)
- (ER-12(4), BRIDGE REPLACEMENT, 2007) (17.48)
- 450B-01-03M, RESURFACE, 2006 (19.09)

Project No., Type of Construction, and Year Constructed
- 450B-01-94M RESURFACE 1996 (16.22)
- STP-0450(5) 1994 (19.09)
- COUNTY (19.09)
- 450B-01-88M 1988 (R) (20.00)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #3 — 15.00 mi.

MAPULEHU BRIDGE · BEACH PARK · FORD · KUPEKE BRIDGE · CULVERT · HONOMUNI BRIDGE · KAWAKAPU BRIDGE · WAIALUA BRIDGE

KAMEHAMEHA V HIGHWAY

MP 15, 16, 17, 18, 19

15.026 mi. · 15.481 mi. · 15.704 mi. · 16.058 mi. / 16.029 mi. · 16.622 mi. · 17.035 mi. / 16.995 mi. · 17.456 mi. · 17.890 mi. · 18.014 mi. · 19.018 mi. / 18.982 mi.

CONTINUES ON SHEET #5 — 20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type
- 18' AC
- 2' – 4' AC
- 4' – 6' GRASS (18.01) 0' (18.36)
- 6' GRASS (19.40) 0' (19.60) 2' – 6' AC

Pavement: Width and Type
- 16' AC
- 14' BST (18.69)
- 14' BP (19.32)
- 14' – 18 AC

Shoulder: Width and Type
- 2' – 4' AC
- 6" GRS (18.70) 0' (18.83)
- 6' – 8' GRASS (19.32) 0' (19.60) 6" GRS (19.65) 2' – 6' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes
- 2–9'
- 2–7' (16.21)
- 2 – 8'
- 2 – 7'
- 2 – (7'–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 All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)
A · BAC (15.30) · A · DC · FE · A · D · AB · AE · D · CAF · DA · C · D · A · D · EB · A · C · A · CE · CB · AD · A · B · A · B · C · A · CE · D · B · AD · A · CB · D

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)
A · B (16.98) · A · A · B · A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- FLAT (1)
- ROLLING (2) / FLAT (1)

Speed: 1–Design, 2–Posted
- 30 MPH (2)
- 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) B75 0450 01402

HPMS Sections – AADT 2016 1,100

HPMS Sections – AADT 2015 305

HPMS Sections – AADT 2014 N/A

DOD Sections

Census Tracts

Functional Classification MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- (130+00) 450B-01-03M, RESURFACE, 2006
- 450B-01-94M 1996 RESURFACE
- STP-0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS
- 450B-01-80M 1980 RESURFACE
- 450B-01-81M 1981 RESURFACE
- COUNTY
- 450B-01-87M 1987 RESURFACE

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

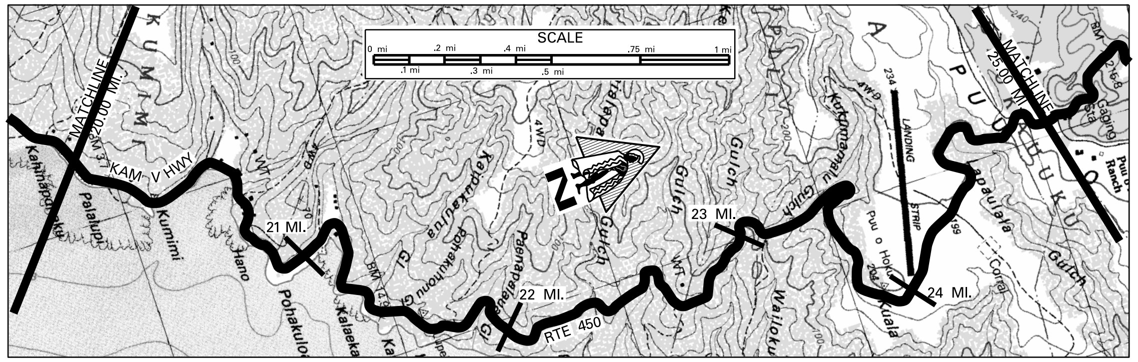
Revised	
Nov., 06	D.B.
Feb., 08	D.B.
Feb., 11	D.B.
Feb., 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb., 18	D.B.

ROAD INVENTORY
MOLOKAI RTE 450
KAMEHAMEHA V HWY

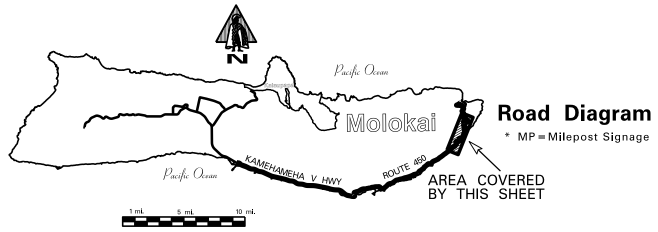
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 27.499 **miles**
a. Survey Length: 27.499 **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	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
Vertical Clearance	
Horizontal Clearance	12' · 13'
Structure Over Road – Vertical Clearance	
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 · 450B–01–88M RESURFACE 1988 · (450B–01–92M (R) 1993) — 24.96



Road Diagram
* MP=Milepost Signage

SCALE: (In Miles) 4" = 1 mile	20 · 21 · 22 · 23 · 24 · 25
Undivided – Shoulder: Width and Type	2' – 6' AC · 24.96 ←(2' AC)
Pavement: Width and Type	14' – 18' AC · 24.96 ←(14' AC)
Shoulder: Width and Type	2' – 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 – (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 All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier	CB .082 · .117 .130 · .115 .132 · .463 .544
Illumination: Type, Location and Number	N O N E
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	D 20.03 AE 20.12 D 20.19 AEFE 20.32 D 20.41 COB 20.49 E 20.64 FEF 20.79 ABEB 20.89 EFC 20.97 DCB 21.07 EF 21.18 EFDE 21.29 DFD 21.39 F 21.63 EDF 21.71 D 21.85 F 21.90 EAD 22.00 E 22.15 BDA 22.27 F 22.37 EAC 22.45 F 22.65 E 22.77 FEF 22.90 CAE 23.01 F 23.06 EFEB 23.17 CD 23.28 E 23.43 F 23.55 ED 23.64 EF 23.74 ECAB 23.88 EB 23.98 DA 24.07 C 24.18 ACA 24.30 F 24.48 ED 24.54 FE 24.68 F 24.88 AC 24.95 E
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A 20.11 B 20.32 A 20.73 B 21.06 A 21.42 D 21.49 C 22.10 B 22.17 D 22.22 B 22.32 D 22.40 C 22.60 E 22.90 C 23.01 E 23.12 C 23.20 E 23.91 C 23.99 B 24.98 ←(E)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING (2) 20.20 MOUNTAINOUS (3) / FLAT (1) 21.50 MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0450 01402
HPMS Sections – AADT 2016	1,100
HPMS Sections – AADT 2015	305
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	450B–01–88M RESURFACE 1988
	450B–01–87M 1987 RESURFACE · 24.96
	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.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

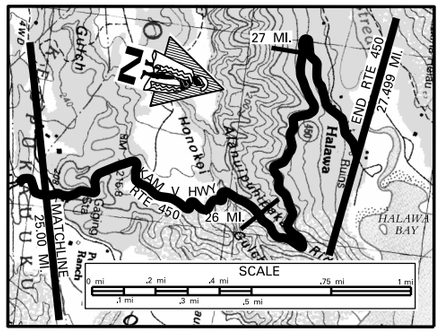
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 **miles**

a. Survey Length: 27.499 **miles**

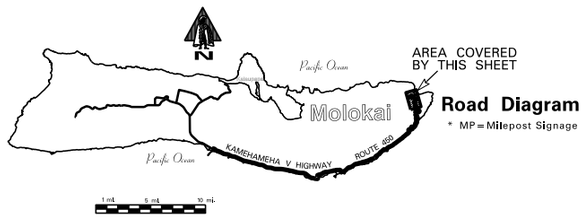
b. Proposed Length: 0.00 **miles**

c. Other Length: 0.00 **miles**



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	450 B (17.43 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT
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	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	WOOD ON WIRE 10'–15' FROM PAVEMENT / WOOD ON WIRE 10'–15' FROM PAVEMENT (25.55)
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 + 00) .489
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



CONTINUED FROM SHEET #5

25.00 mi. — CULVERT — FORD — KAMEHAMEHA V — 26 MP — HIGHWAY — 27 MP — PARK ROAD — ROAD TO CHURCH — *27.499 mi.

25.043 mi. — 25.733 mi. — 25.965 mi. — 26.959 mi. — 27.438 mi. — 27.379 mi.

END ROUTE 450 ON KAMEHAMEHA V HIGHWAY AT THE END OF PAVEMENT.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	2' AC
Divided Highway – Undivided: Pavement: Width and Type	14' 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 – 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)	.051 .242 — .386 C.C. CGR — .922 — .102 .080
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	(CRM) ROCK WALL
Illumination: Type, Location and Number	.032 .025 — .012 .584 — .082 .141 N O N E .833 .020
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)	E .025 .028 — E .036 — AFDE .042 .043 — FEC .047 — AE .047 — FE .057 — F .067 — DFB .068 — FE .069 — FEC .070 — FE .072 — E .082 — E .083 — F .084 — BF .085 — CA BD .086 — FC .087 — DFE .088 — FED .089 — EDEC .092 — EDC .093 — DEF .095 .101
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)	E .025 .047 — D — .025 .026 — C .025 .043 — F — .046 .047 — E .046 .048 — D
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	.918 MOUNTAINOUS (3) — .972 .100 ROLLING (2)
Speed: 1–Design, 2–Posted	20 MPH (2) — 20 MPH (1) — 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0450 01402
HPMS Sections – AADT 2016	1,100
HPMS Sections – AADT 2015	305
HPMS Sections – AADT 2014	N/A
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Feb., 09	D.B.
Feb., 11	D.B.
Feb., 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb., 18	D.B.

ROAD INVENTORY

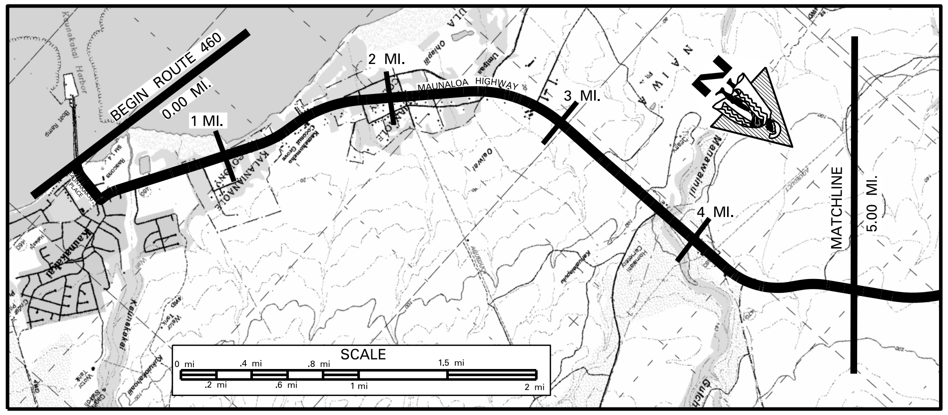
MOLOKAI RTE 460

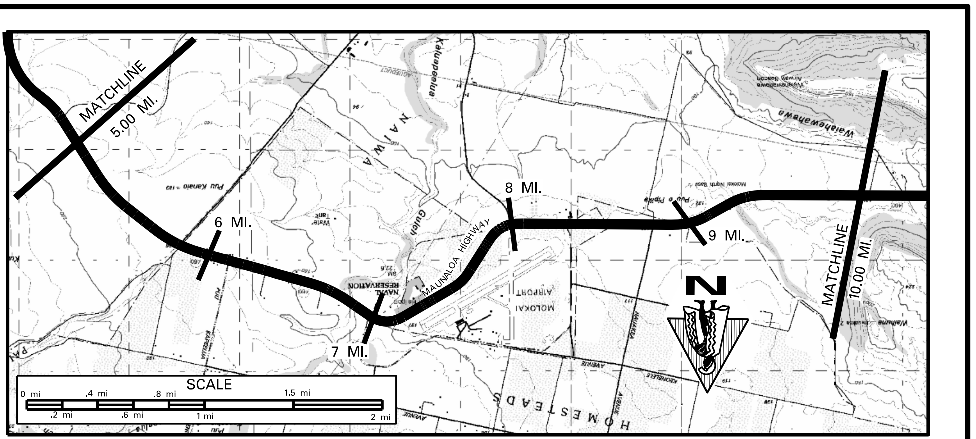
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

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: 16.547 **miles**
a. Survey Length: 16.547 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: 0.00 **miles**



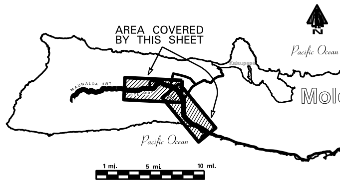


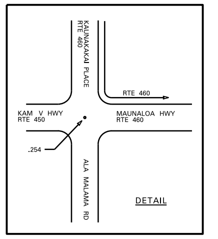
SCALE: (In Miles) 2″ = 1 mile — 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Item	Entries along route (milepost)
Maintenance Control Sections: Length and Description	Begin 460A Same As Begin Rte 460; 460A (16.56 mi.)
Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed	Culvert 1959 (1971) HS–20, 73′ (0.43); Slab 1954 H–20: 35′ (1.66), 35′ (1.83), 35′ (2.29), 35′ (2.54); Prestressed Conc. Girder 1988, HS–20–44, 364′ (3.76)
Structure Carrying Road — Vertical Clearance	0.43; 1.66; 1.83; 2.29; 2.54; 3.76
Structure Carrying Road — Horizontal Clearance	36′; 36′; 36′; 36′; 36′; 41′
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80′ 3.17 70′–160′ 4.19 80′–160′ 5.72 50′ 6.91 80′–110′ 7.84 100′ 9.80 80′–400′
Available Right of Way Width (Needs Study)	Residential Area 1.53; 2.02 1000′ Clear – Grass, Bushes 10′–15′ from Pavement; 4.45 1000′ Clear Pineapple 15′–25′ from Pavement 5.71; Ranch and Pasture 7.04; Airport 30′ 7.49; Clear 1000′ Pineapple/Grass Pasture
Right of Way Fence: Type – Right and Left	2.02 Wire on Wood 10′ from Pavement 4.01; 1.98 Wire on Wood 10′ from Pavement 4.01; 6.04 Wire on Wood 10′ from Pavement 8.31; 7.09 ChainLink 7.49
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	146+00; 5.09 ARR–0460(14), Resurface, 2011 7.05; 42+00; 7.28 29+00 460A–01–10M, Resurface, 2015 9.13; 395+00 460A–01–11MR, (R), 2015
Project No., Type of Construction, and Year Constructed	0+00 460A–01–06M, RESURFACE, 2009; 144+00 5.14; 5.49 STP–0460(12), Resurface, 1998

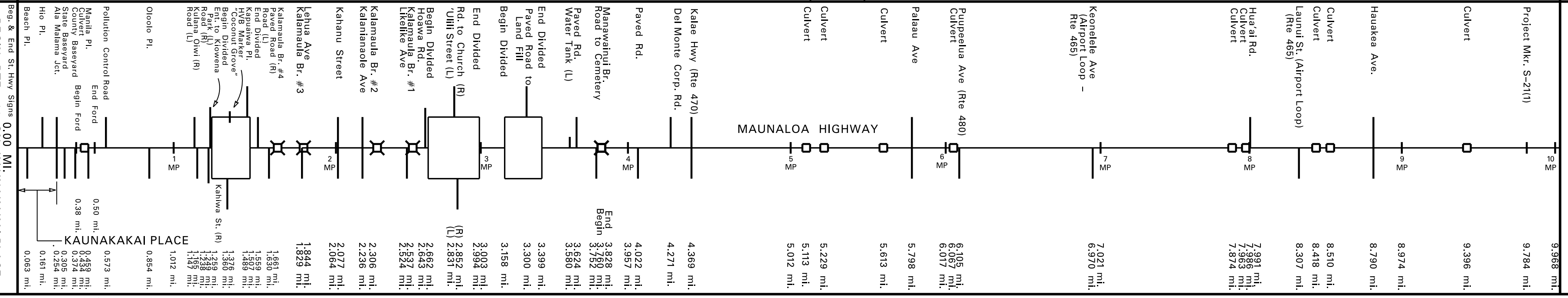
Road Diagram

* MP = Milepost Signage





BEGIN RTE 460 0.00 MI. ON KAUNAKAKAI PLACE ON THE "MONUMENT" AT THE BEGINING OF KAUNAKAKAI WHARF.



CONTINUED ON SHEET #2

SCALE: (In Miles) 2″ = 1 mile — 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Item	Entries along route (milepost)
Undivided — Shoulder: Width and Type	20′ PCC (Truck Wt. Sta.) 0.93–0.99; 4′ AC 0.39 8′ AC 0.50 4′ AC 0.93; 4′ AC; (8′ PCC); 4′ AC; 5.10 Beg. Shldr. Rumble Strip 5.87; 8′ AC 6.73; 4′ AC 6.85; 8′ AC 6.93; End Shldr. Rumble Strip 7.27; 7.55 Shldr. Rumble Strip 7.84; 8.00 4′ AC Shldr. Rumble Strip 9.06; 9.35 Shldr. Rumble Strip
Undivided — Pavement: Width and Type	24′ AC; 12′ AC; 24′ AC; 12′ AC; 24′ AC; 12′ AC; 24′ AC (24′ PCC); (8′ AC) 6.93; 24′ AC; Shldr. Rumble Strip; 9.78 22′ AC
Undivided — Shoulder: Width and Type	4′ AC 8′ AC 0.50 4′ AC; 0; 4′ AC; 0; 4′ AC; 0; 4′ AC (8′ PCC) 3.76 3.83; 7′ AC 3.91; 4′ AC 4.63; 6′ AC 4.89; 5.10 Beg. Shldr. Rumble Strip 4′ AC 5.77; 8′ AC 6.06; 4′ AC 6.21; 8′ AC 6.72; 4′ AC; End Shldr. Rumble Strip 7.27; 7.61 Shldr. Rumble Strip 4′ AC 9.06; 9.35 Shldr. Rumble Strip
Divided — Median: Width and Type	0.39; 12′ Painted AC (.259–.507); 12′ Painted AC (.662–.994); .158; 0′–11′ Painted AC (.339); 5.10 Beg. C.L. Rumble Strip; 6.87 End C.L. Rumble Strip 7.27; 7.41 C.L. Rumble Strip 9.06; 9.24 C.L. Rumble Strip
Median Barriers:	
Divided — Shoulder: Width and Type	0; 0; 0
Divided — Pavement: Width and Type	12′ AC; 12′ AC; 12′ AC
Divided — Shoulder: Width and Type	4′ AC; 4′ AC; 4′ AC
Number of Traffic Lanes	.831 .953; 2–12′; 9.78 2–11′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–12′ (L) TL .360 .432; .852 .893; .300 .422; .312 .369 .427 12′ Lanes
(Right Side)	.732 .831; .235 .300
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	None; (AC Curb)
Curb and/or Gutter: Type (Right and Left)	.414 .467; .590; .003; .159; .636; (AC Curb) .097 .217 .242 .303 .405; (4′ Conc. G.) .531 .832 .877 .831 .875 .830 .874; .109 .149; .172 .260 (2′ Conc. Gutter); (3′ Conc. Gutter) .464 .639 .623 .899; .940 .012 AC Curb .783 .063; .229 .276 .216; .359 AC Curb .667; AC Curb .729 .852 .927; .861 .884 (AC Curb)
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	.012 .047; .413 .453; .559 .486 .614; .845 .986; .231 .335
Illumination: Type, Location and Number	Mercury Vapor; 1.49; .632; 1 MV .927; 2.08; 1 MV .189; 1 MV .647; .747 .884; .099 .232; .426 .552; .875; .131 .154; .476 .634; 6.13 1 MV; .720 .743 .804 .857; .232 .342
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)	C 0.10 AF 0.27 B 0.39; 1.84; 2.26; A 6.97; C 7.19; A 7.49; B 7.63; A 7.83; B 8.05; A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)	A 0.50 B 0.57 A 2.21 B 2.32 E 3.05 D 3.27 C 3.93 E 4.05 D 4.33 C 4.79 B 6.44 C 6.57 B 7.75 C 7.83 B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat (1) 2.56 Rolling (2) 5.56 Flat (1)
Speed: 1–Design, 2–Posted	(20 MPH (2)) .153 (20 MPH (1)) .647; 15 MPH (2) .030; 35 MPH (2); .312 45 MPH (2); 20 MPH (2) .245 (35 MPH (1)); 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0460 00000; B75 0460 00025; B75 0460 00086; B75 0460 00136; B75 0460 00437; B75 0460 00696
HPMS Sections – AADT 2016	1,400 0.25 6,011 0.86 5,500 1.36 5,400 4.37 2,600 1,400
HPMS Sections – AADT 2015	980 6,011 5,500 5,050 2,500 1,400
HPMS Sections – AADT 2014	1,500 0.46 N/A 5,400 N/A N/A 6.96 1,300
DOD Sections	
Census Tracts	
Functional Classification	Major Collector (5)
National Highway System (NHS)	Not on NHS (0)
Previous Projects: Project No., Date and Limits	STP–0460(11), 1997 5.51; 6.65 460A–01–91M (Shoulder Paving), 1992
	460A–01–90M (Shoulder Paving), 1991 6.98
	RS–0460(1) Resurface, 1979
	0.43 ◄ 0.53 – (46A–02–71,1971); 3.76 ◄ 3.83 – (BR–0460(9), Bridge Replacement, 1988); 5.61 RS–0460(8), Resurf., 1987 6.68; 7.04 460B–01–83M Resurf., 1983
	(NRH 19–A, 1935) 0.29 F–19(4) 1953, 1954; 3.11 FAP 19D, 1939; 4.12 F–046(1), 1955 5.62; NRH 34 A(1) 1939 6.84; F–046(1), 1955 Sta. 0+00 Sta. 463+28 7.85; F–34(2), 1952 9.80 Sta. 360+00 (FAS 21(1), 1949)

SCALE: (In Miles) 2″ = 1 mile — 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

Date Released	
Mar. 04, D.B.	
Revised	
Nov., 06	D.B.
Aug., 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	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

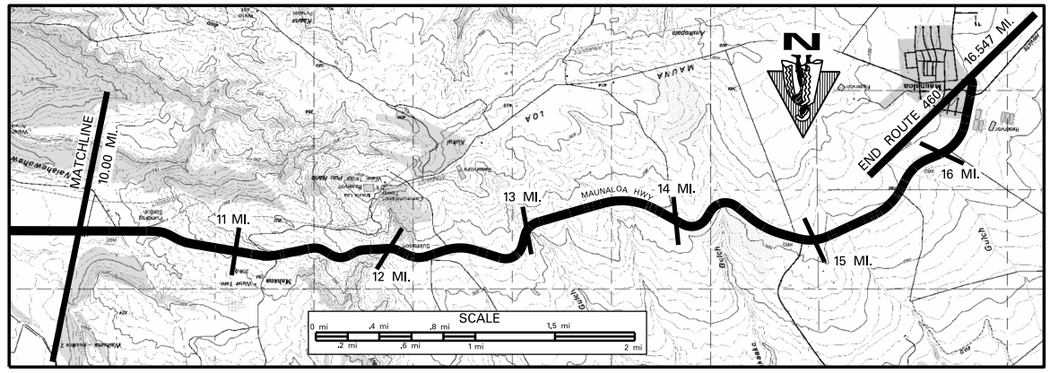
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 16.547 miles

a. Survey Length: 16.547 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

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

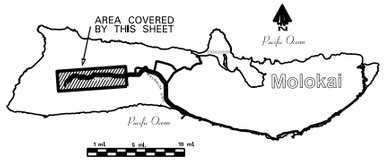
Right of Way Fence: Type – Right and Left: Wire on Wood 20'–30' from Pavement (10.26 – 12.69); Wire on Wood 20'–30' from Pavement (10.26 – 12.79)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (296 + 00 — 0 + 00)

Project No., Type of Construction, and Year Constructed: 460A–01–11MR, Resurface, 2015 (10.00–10.39); STP–0460(016), Resurface, 2015 (10.01 – .547)

Project No., Type of Construction, and Year Constructed: STP–0460(12) Resurface, 1998 (10.01); 460A–01–99M, Resurface, 2000 (14.95)



Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET #1

Culvert — Culvert — Kalua Koi Rd. — End Divided Kajana St. — Begin Divided

MAUNALOA HWY

10.50 MP — 11 MP — 11.50 MP — 12 MP — 12.50 MP — 13 MP — 13.50 MP — 14 MP — 14.50 MP — 15 MP — 15.50 MP — 16 MP — 17 MP

10.477 mi. — 10.63 — 10.839 mi. — 10.956 mi. — 10.97 — 11.13 mi. — 11.472 mi. — 11.959 mi. — 12.476 mi. — 12.929 mi. — 13.424 mi. — 13.998 mi. — 14.491 mi. — 14.856 mi. — 14.922 mi. — 15.468 mi. — 15.999 mi. — 16.208 mi. — 16.311 mi. — 16.377 mi. — 16.44 — 16.51 — 16.547 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "15 VIDEOLOG" & "15 FEATURES DATABASE."
END RTE 460 ON MAUNALOA HIGHWAY AT THE CENTERLINE MONUMENT OF THE WEST KAUNAKAKAI VILLAGE "END STATE HIGHWAY" SIGN. 16.547 MI.*

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type — Shldr. Rumble Strip; 4' AC; 8' AC; 4' AC; 10' 8' 15' 10' 8' 9'–15'; 14'; 11' AC; 22' AC; (9'–14' Grv.) (15')
- Pavement: Width and Type — 10.26; 10.54; 22' AC; 14.05; 15.15; 15.26; 15.60; 15.73; 15.82; 16.09; 16.20
- Shoulder: Width and Type — Shldr. Rumble Strip; 10.54; Shldr. Rumble Strip; 4' AC; 10' 8' 15' 10' 8' 9'–15' 14'; 30'; 14'; Shldr. Rumble Strip; (9'–14' Grv.) (14')
- Median: Width and Type — C.L. Rumble Strip; (12' Painted AC); 3'; .277; .208; 16.51; C.L. Rumble Strip; (15')
- Median Barriers:
- Shoulder: Width and Type — 0
- Pavement: Width and Type — 11' AC
- Shoulder: Width and Type — 14' Grass

Number of Traffic Lanes: 2–11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .511; .234

(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

(2' Conc. G.)(3' Conc. G.) — (2' Conc. G.) — (AC Curb)(AC Curb) — (AC Curb) — None

Protective Devices: Type, Location and Number Metal Rails on Concrete Posts unless otherwise noted. CB=Concrete Barricade

Illumination: Type, Location and Number

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) (10.21); Rolling (2); (.547)

Speed: 1–Design, 2–Posted: 45 MPH (2); 35 MPH (2); .030; 20 MPH (2); .220; (20 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0460 00696; B75 0460 01492

HPMS Sections – AADT 2016: 1,400; 810

HPMS Sections – AADT 2015: 1,400; 730

HPMS Sections – AADT 2014: 1,300; N/A

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits:

(460A–01–70, Slope Imprv., 1971) — (46A–01–71, Resurface, 1971) — 460A–01–91M, Shldr. Paving, 1992 — 14.95 — RS–0900(24), Resurface, 1986

460B–01–83M, Resurface, 1983 — 11.56 — 11.86 — 11.99 — 12.20 — RS–0900(24), Resurface, 1986 — FAS 21(1), 1949

SCALE: (In Miles) 2" = 1 mile

Date Released	
Mar. 04,	D.B.

Revised	
Nov., 06	D.B.
Mar., 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

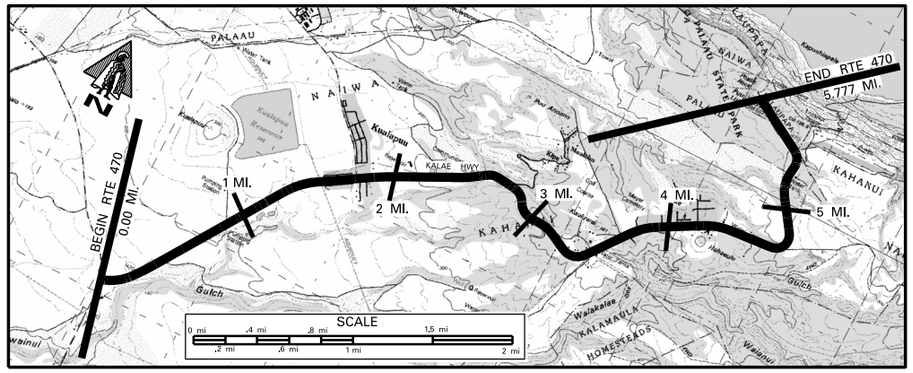
MOLOKAI RTE 470
KALAE HIGHWAY

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: 5.777 miles
- **a. Survey Length:** 5.777 miles
- **b. Proposed Length:** 0.00 miles
- **c. Other Length:** 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Begin 470A same as begin route — 470A (5.79 MI.) — End 470A same as end route.

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance: 80' – 120' (3.49); 60' – 70' (5.09); 60' – 130'

Right of Way Width (min.–max.) If varies: 1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT (1.57); RES. AREA (1.89); PASTURE AREA W/ SOME HOUSES (2.28); LARGE TREES & BUSHES (5.09)

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 (5.55)

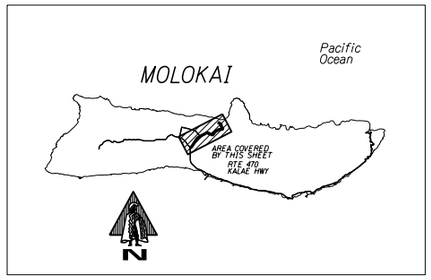
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (0.01 – 0+28; 87+58 – .777)

Project No., Type of Construction, and Year Constructed: ARR–0470(6), PREVENTIVE MAINTENANCE, 2010

Project No., Type of Construction, and Year Constructed: STP–0470 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A–01–00M 2001 RESURFACE



Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 470 ON KALAE HIGHWAY AT THE NORTHEAST EDGE OF PAVEMENT WITH MAUNALOA HIGHWAY (ROUTE 460). 0.00 MI.

KALAE HIGHWAY

- 0.022 mi. — CULVERT
- 0.401 mi. — ROAD
- 0.869 mi.
- 1.003 mi.
- 1.474 mi. — TRACTOR XING
- 1.557 mi. — S. KIAPA ST.
- 1.636 mi. — S. NONI ST.
- 1.778 mi. — S. NONI ST.
- 1.788 mi. — S. EHAKO PL.
- 1.828 mi. — EHAKO PL.
- 1.838 mi. — FARRINGTON AVE (RTE 460)
- 1.99 mi. — LAUIKI PL.
- 2.496 mi. — MIRONUAKE COMM. STATION
- 2.742 mi. — CULVERT
- 2.88 mi. — KIPU ROAD (GOLF COURSE)
- 3.106 mi.
- 3.464 mi. — ROAD TO WATER TANK
- 3.801 mi. — RD. TO SUGAR MILL (MOLOKAI MUSEUM)
- 3.902 mi. — KALAUPAPA HOUSING
- 3.962 mi. — HONOUOU HILLS GOLF COURSE (GAME PL.)
- 4.047 mi. — NANIKAI PLACE
- 4.177 mi. — KALAMA ROAD
- 4.288 mi. — KAHI PL.
- 4.669 mi. — RJW. MEYER LTD. ROAD
- 4.728 mi. — RD. TO WATER TANK
- 5.09 mi. — RD. TO PALAAU STATE PARK DRIVEWAY
- 5.232 mi. — PAVILION
- 5.327 mi. — RD. TO CAMP AREA
- 5.501 mi. — PARKING AREA
- 5.612 mi.
- 5.677 mi.
- 5.777 mi. — END ROUTE 470 ON KALAE HIGHWAY AT THE CENTERLINE MONUMENT AT THE ENTRANCE TO THE NEW KALAUPAPA LOOKOUT PARKING LOT.

0 MP, 1 MP, 2 MP, 3 MP, 4 MP, 5 MP, 5.777 MP

*5.777 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' AC; 8'–9' AC (3.15)
- Pavement: Width and Type: 24' AC
- Shoulder: Width and Type: 6' AC; 8'–9' AC (3.15)
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 – 12'

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) — ALL CONCRETE GUTTERS

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

Illumination: Type, Location and Number: M/V (1.74)

Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62): B (0.22); A; C (2.07); A; D; C (2.88); B (3.18); A (3.28); D (3.45); A; D (4.85); A (4.97); B (5.07); A (5.27); D (5.41); AC

Superelevation (Range)

Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(<8.45): D (0.00); C (0.23); D (0.57); C (1.04); B (1.44); C (1.63); D (1.88); E (2.34); D; E (2.60); D (3.03); C (3.27); B (3.33); C (3.55); B (3.68); C (4.00); D; B (4.69); C (5.04); B (5.10); A (5.37); B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) (.460); ROLLING (2) (2.56) (.036)

Speed: 1–Design, 2–Posted: 45 MPH (2); 30 MPH (2); 35 MPH (2); 30 MPH (2); 25 MPH (2); 45 MPH (1) (.228) (.459) (4.94) (5.210)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0470 00000; B75 0470 00175; B75 0470 00274; B75 0470 00429

HPMS Sections – AADT 2016: 2,200 (1.75); 870; 860 (4.29); 230

HPMS Sections – AADT 2015: 2,200; 860; 850; 220

HPMS Sections – AADT 2014: 2,300; N/A; 880 (2.76); 250 (.777)

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

- STP–0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT (1.74); RS–0470(3) 1982 RESURFACE (2.88); 470A–01–92M 1993 RESURFACE (4.94)
- HWY–M–01–85M 1985 RESURFACE (0.00) (0.07); HWY–M–01–82M 1982 RESURFACE (1.73); RS–0900(24) 1986 RESURFACE (2.88); REALIGNMENT 1971
- F–047–1(1) 1957, 1958 (1.75); WPH – 19B 1936 (3.24); COUNTY (4.72); S–047(1) & S–047(2) 1970

(1.78+00) (48+02)

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

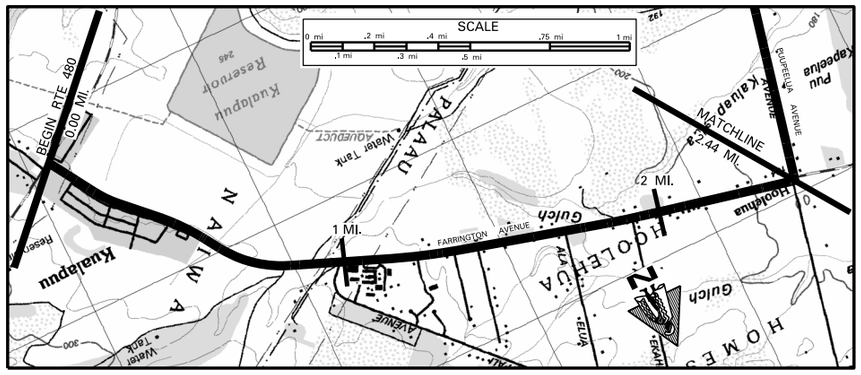
MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

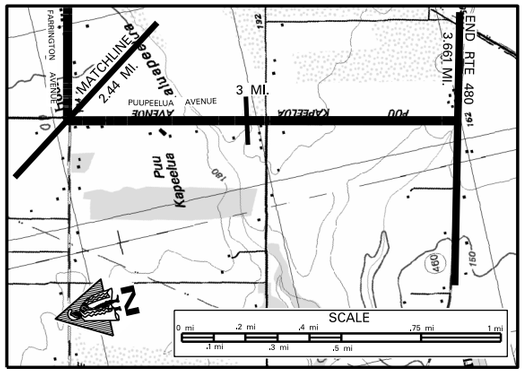
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 3.661 miles
- a. Survey Length: 3.661 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: 0.00 miles





SCALE: (In Miles) 4" = 1 mile

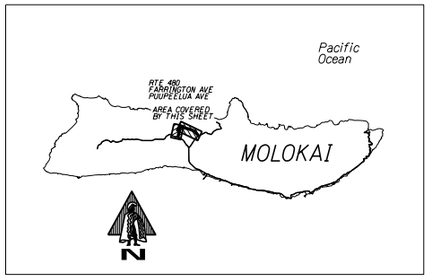
Maintenance Control Sections : Length and Description

Begin 480 on Farrington Avenue 16' West of the Northwest edge of pavement of Kalae Highway. | 480A (3.65 MI.) | .598 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 Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) If varies	+ 60' / 80'
Available Right of Way Width (Needs Study)	RES. 0.25 / CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT .087 / CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT 2.44
Right of Way Fence: Type – Right and Left	.437 WIRE ON WOOD 15' – 20' FROM PAVEMENT 2.60
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)	128 + 70 / S T A T E / 0 + 17 .598
Project No., Type of Construction, and Year Constructed	0.00 / ARR–0480(3), RESURFACE, 2010
Project No., Type of Construction, and Year Constructed	STP–0480(2) RESURFACE 1999



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 480 ON FARRINGTON AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH KALAE HWY (RTE 470) 0.00 mi.

Point	Milepost
HULIA STREET PLANTATION STORE	0.089 mi.
'UWAO STREET	0.229 mi.
ALAEKEA STREET	0.330 mi.
EPANE STREET	0.459 mi.
LIHI PALI AVE.	0.989 mi.
H.S. EXIT PARKING LOT	1.058 mi.
FIRE STATION & KEENA PLACE PARKING LOT	1.239 mi.
LEI KUKUI PLACE	1.348 mi.
ALA EKOLU ST. & 1 MILE MEASURED	1.424 mi.
ALA ELUA STREET	1.704 mi.
ALA EKAHI STREET	1.916 mi.
ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE.	2.00 mi.
END 1 MILE MEASURED	2.438 mi.
POST OFFICE ROAD	2.500 mi.
MOLOKAI BAPTIST CHURCH	2.706 mi.
MO'OMOMI AVE	3.056 mi.
CULVERT	3.638 mi.

FARRINGTON AVENUE (0 MP – 1 MP); MOLOKAI H.S. (1 MP); AVENUE (1 MP – 2 MP); PUUPEELUA AVENUE (2 MP – 3 MP)

END ROUTE 480 ON PUUPEELUA AVE. AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (ROUTE 460) 3.661 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

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
- 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)	6' C. S.W. .000 .026 / 6' C. S.W. .101 .192 .292 .392 .492 .592 .692 .792 .892 .992 .001 .102
Curb and/or Gutter: Type (Right and Left) CONCRETE CURB AND GUTTERS	C.C. 2'C.G. / 6' CRM Ditch .329 .609 / C.C. 2'C.G. .881 .900
Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted.	.000 .026 .096 .196
Illumination: Type, Location and Number	.000 1 MV .026 .718 .818 .918 .965 1.07 1 MV 1.07 1.24 1 MV 1.47 1 MV 1.72 1 MV 1.93 1 MV .421 .607 3.62 1 MV
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(< 28.62)	(D) 0.026 / A / 2.43 2.45 (F) / A
Superelevation (Range)	
Grades Class: +/– % (A(0–.45) B(.45–2.45) C(2.45–4.45) D(4.45–6.45) E(6.45–8.45) F(< 8.45)	B / 1.58 / C / 1.84 / B / 2.76 / C / 2.82 / A / 3.07 / C / 3.59 / A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1)
Speed: 1–Design, 2–Posted	(35 MPH (1)) 0.064 / 35 MPH (2) / .487 .965 / 20 MPH (2) / .262 .318 / 35 MPH (2) / .551 (35 MPH (1))
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0480 00000 / B75 0480 00244
HPMS Sections – AADT 2016	2,100 / 1,600
HPMS Sections – AADT 2015	2,100 / 1,600 .598
HPMS Sections – AADT 2014	N/A
DOD Sections	2.44
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
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 / 0 + 00 64 + 50 / S–1(2) 1947

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN

Revised	
Feb., 06	D.B.
Nov., 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

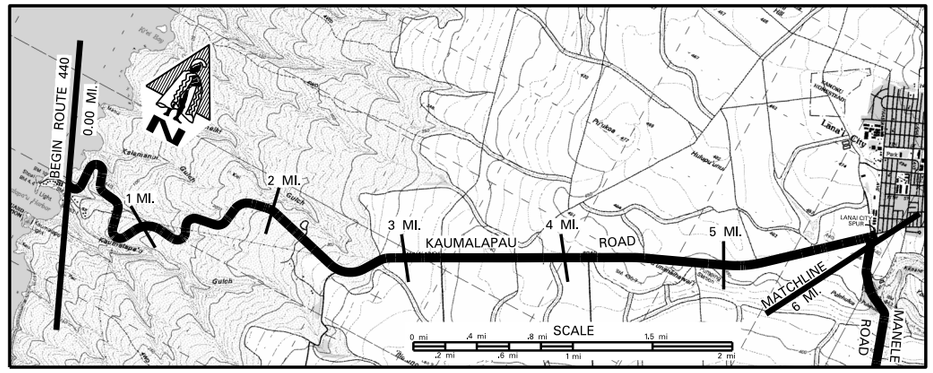
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

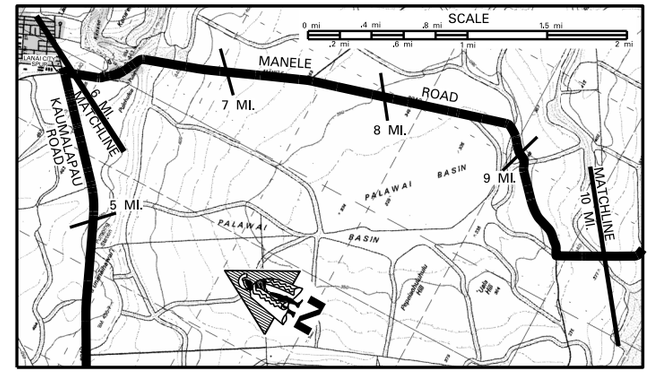
PREPARED BY THE HIGHWAYS PLANNING BRANCH IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.168 mi.
AIRPORT SPUR	=	0.471 mi.
LANAI CITY SPUR	=	0.026 mi.
TOTAL	=	13.665 mi.

Total Designated Route Length: 13.665 * MILES (a+b)
a. Existing Length: 13.665 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.665 * MILES (a+b, less c)
a. Existing Length: 13.665 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





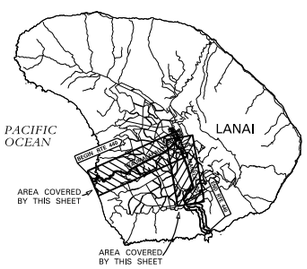
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: Beg. 440 A Same as Begin Route — 440A (5.97 mi.) * — End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd. — Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy — 440B (7.21 mi.)

*Does not Include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below)

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

Right of Way Width (min.–max.) If varies: 90' – 200' (1.93) | 80' – 130' (2.27) | 100' (4.00) | 80' – 150' (5.34) | 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; 440B–01–11M Repair and Maint.,2015
Control of Access: 1–None, 2–Partial, 3–Full: NONE; (440A–01–92M, (R), 1992)
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE; STATE
Project No., Type of Construction, and Year Constructed: 440A–01–10M, PREV. MAINT., 2011 (440A–01–99M, Resurf, 2000); 440A–01–03M, Resurf, 2005; 440A–01–01M, (R), 2004; 440A–01–07M, Resurf., 2008; 440B–01–04M, Resurf., 2005; 440B – 02 – 98M, R, '99; (440B–01–04M, Resurf., 2005)
Project No., Type of Construction, and Year Constructed: HWY – M – 02 – 97M, Shldr. Paving, 1998; 440A–01–02M, (R) 2003; 440A–01–96M, 1997; STP – 0440(6) Resurf, Worksite #1 1996; 440B 01 – 98M 1999 (Resurf.); STP–0440 (5), 1995 (Resurfacing & Improvements)



Road Diagram

* MP = Milepost Signage

Begin Route 440 on Kaumalapau Hwy., at Kaumalapau Harbor, at the centerline mon. 175' E. of the E. boundary of the Standard Oil Co. fuel – storage lot. 0.00 mi.

"Begin State Hwy" Sign (Milepost 0) — Old Kaumalapau Hwy. — Culvert — Paved Road (R) Road to Lanai Landfill (L) — Culvert — Kaupili Road — Tractor Xing — Dirt Road (L) Lanai Airport Rd. (R) Begin Divided — End Divided — Pineapple Station Road — Pineapple Station Road — Pineapple Station Rd. — Pineapple Station Rd. — Tractor Xing — Pineapple Station Road — Pineapple Road — Culvert — Tractor Xing — MM Road — Idem. Sta. — Road (L) — Road (R) — Dirt Road — Dirt Road — Hwy. of Kaumalapau Hwy. & Manele Road — Huna Wai Street — Begin Measured Mile — Palawai Road — End Measured Mile — Culvert — Milepost #9 — Culvert — Culvert — Paved Road (Rte 440 Angle Pt.) — Culvert

KAUMALAPAU HIGHWAY — KAUMALAPAU HWY — MANELE RD. — MANELE ROAD

This diagram shows a 150' segment of 440 A Maintenance Control Section

CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC | 5' GRV | 2' AC | 4' GRS/GRV
Pavement: Width and Type: 24' AC | 12' AC | 24' AC | 20' AC
Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC | 0 | 6' AC | 8' GRV | 2' AC | 4' GRS/GRV
Median: Width and Type: 10' PAINTED AC
Shoulder: Width and Type: 0
Pavement: Width and Type: 12' AC
Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–12' | 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' TLs
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left): NONE
Sidewalk: Width and Type (Right and Left): 4' Conc.
Curb and/or Gutter: Type (Right and Left) — CONC. GUTTERS
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.
Illumination: Type, Location and Number: NONE
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: MOUNTAINOUS (3) | ROLLING (2) | FLAT (1)
Speed: 1–Design, 2–Posted: (35 MPH (1)) 35 MPH (2) | 45 MPH (2) | (35 MPH (2)) 25 MPH (2) | 35 MPH (2) | 35 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B76 0440 00000 | B76 0440 00323 | B76 0440 00597
HPMS Sections – AADT 2016: 120 | 820 | 1,600
HPMS Sections – AADT 2015: 230 | 840 | 1,436
HPMS Sections – AADT 2014: 320 | 830 | 1,400
DOD Sections: COUNTY
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
HWY – M – 02 – 97M, Shldr. Paving, 1998
440A–01–99M, Resurf, 2000
440A–01–90M, Shldr. Paving, 1998
440A–02–88, Shldr.Imp, 1988
440A–01–90M, Shldr. Paving, '90
440A–01–96M, 1997
RS–0440(2) Resurf, 1986
STP–0440(6) Resurf, Worksite #1 1996
440B–01–98M (R) 1987
440A–01–78M Resurf, 1979
(440–A–01–81M Imprv. 1981)
RS–0440(3) Resurf, 1987
STP–0440(5) 1995 (Resurfacing & Improvements)
440A 02 81 Imprv. 1981
S–0440(1) 1959', '60
440A–01–73 Resurf, 1975
STA. 310+73.91

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec. 2002	T.S.
Revised	
Feb. 04	D.B.
Aug. 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.
Mar., 08	D.B.
Mar., 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

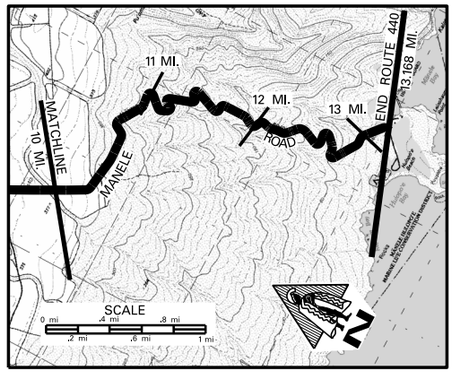
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

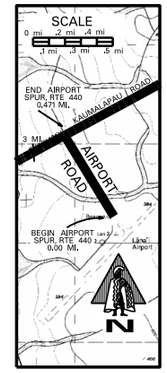
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.168 mi.
AIRPORT SPUR	=	0.471 mi.
LANAI CITY SPUR	=	0.026 mi.
TOTAL	=	13.665 mi.

Total Designated Route Length: 13.665 * MILES (a+b)
a. Existing Length: 13.665 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.665 * MILES (a+b, less c)
a. Existing Length: 13.665 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 440B (7.21 mi.); End 440 B Same as End Route; Beg 440 A Same as Beg. Airport Road (Spur); 440A (0.57 mi.); End 440 A Same as End Airport Road (Spur)

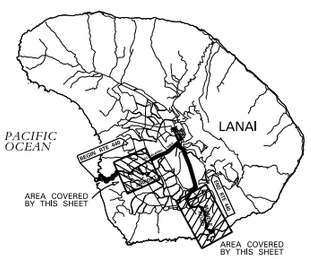
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE
Vertical Clearance	
Horizontal Clearance	

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.–max.) If varies	30'		40'
Available Right of Way Width (Needs Study)	Clear 1000' Trees & Pineapple Fields 15'– 25' from edge of pavement		Clear 1000' Pineapple Fields 15' from edge of pavement
Right of Way Fence: Type – Right and Left	NONE		NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State		STATE
Project No., Type of Construction, and Year Constructed	440B–01–11M Repair and Maint.,2015; 440B–01–04M, Resurf., 2005; 440B–01–11M Repair and Maint.,2015	STP–0440(6) (Resurface)	440A–01–88M Resurf.
Project No., Type of Construction, and Year Constructed	440A–01–92M(R) 1992	(Worksite #2 1996)	1987



Road Diagram
* MP – Milepost Signage

CONT. FROM SHEET # 1

Culvert; Culvert; Culvert; Culvert; Hulopoe Dr./Manele Bay Road Culvert; End State Hwy. Align. Road to Manele Small Boat Harbor

11 MP MANELE ROAD 12 MP 13 MP

10.426 mi. 10.334 mi. 10.985 mi. 11.266 mi. 11.980 mi. 12.833 mi. 12.803 mi. 12.967 mi. 13.158 mi. 13.168 mi.

END RTE. 440 on Manele Rd. at the Entrance to Hulopoe Beach Park. (End State Highway 13.168 mi. sign)

BEGIN Airport Spur (RTE.441) on Lanai Airport Rd. @ the Airport Entrance Survey Monument. 0.00 mi.

Culvert; ℄ Twin Box Culvert; Culvert

AIRPORT ROAD

Rte 441

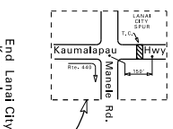
0.017 mi. 0.145 mi. 0.353 mi.

END Lanai Airport Spur (RTE. 441) on Lanai Airport Road 28' south of south edge of pav't. of Kaumalapau Hwy. (RTE. 440)
* 0.471 mi.

Begin Lanai City Spur – Rte 442 on Kaumalapau Hwy. centerline with Manele Rd.
0.00 mi.

Rte 442

End Lanai City Spur – Rte 442 on Kaumalapau Hwy 150' Northeast of centerline with Manele Road
* 0.026 mi.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt; 6'; 2'; 1'–3'; 2'–4'; 20' AC GRS/GRV; 2'–4'; 13' AC; All Gravel; 6'; 6'
Pavement: Width and Type	20' AC
Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt; 6'; 4'–8'; 2'; 6'; 2'–4'; 6'–10'; 6'–12'; All Gravel; 4'; 3'

Divided Highway – Median

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

Number of Traffic Lanes	2–10'	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)	NONE		
Sidewalk: Width and Type (Right and Left)	NONE		NONE; 5' Conc.
Curb and/or Gutter: Type (Right and Left)	AC C.		NONE; NONE
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)			M/M; M/M; M/M; NONE; NONE
Illumination: Type, Location and Number			
Curves Class: +/– Degree (A(0–3.45) B(3.45–5.44) C(5.44–8.48) D(8.48–13.85) E(13.85–28.62) F(<28.62)			
Superelevation (Range)			
Grades: % Grade, Positive or Negative			
Vertical Curve: Crest or Sag, Curve Limits			
Area and Development:	RURAL (99999)		RURAL (99999); (RURAL (99999))
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1); MOUNTAINOUS (3)	FLAT (1)	FLAT (1); (FLAT (1))
Speed: 1–Design, 2–Posted	35 MPH (1); 35 MPH (2); 25 MPH (2)		30 MPH (2); 30 MPH (1); (30 MPH (1)); 20 MPH (2); 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing			
Traffic Stations (Current Year)	B76 0440 00597	B76 0440 01284	B76 0441 00000; B76 0440 00000
HPMS Sections – AADT 2016	1,600	1,000	460; 3,000
HPMS Sections – AADT 2015	1,436	657	550; 2,700
HPMS Sections – AADT 2014	1,400	640	480; 1,900
DOD Sections			
Census Tracts	COUNTY		
Functional Classification	MAJOR COLLECTOR (5)		MAJOR COLLECTOR (5); (MAJOR COLLECTOR (5))
National Highway System (NHS)	NOT ON NHS (0)		NOT ON NHS (0); (NOT ON NHS (0))
Previous Projects: Project No., Date and Limits			
	440A – 01 – 92M(R) 1992		S – 0440(1)
	440B – 01 – 82M(R) 1982; 440B – 01 – 83M(R) 1983		1959

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec 2002,	T.S.

Revised	
Feb. 04	D.B.
Aug 04	D.B.
Feb. 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.
Mar., 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.