STATE ROUTE SYSTEM

COUNTY OF MAUI

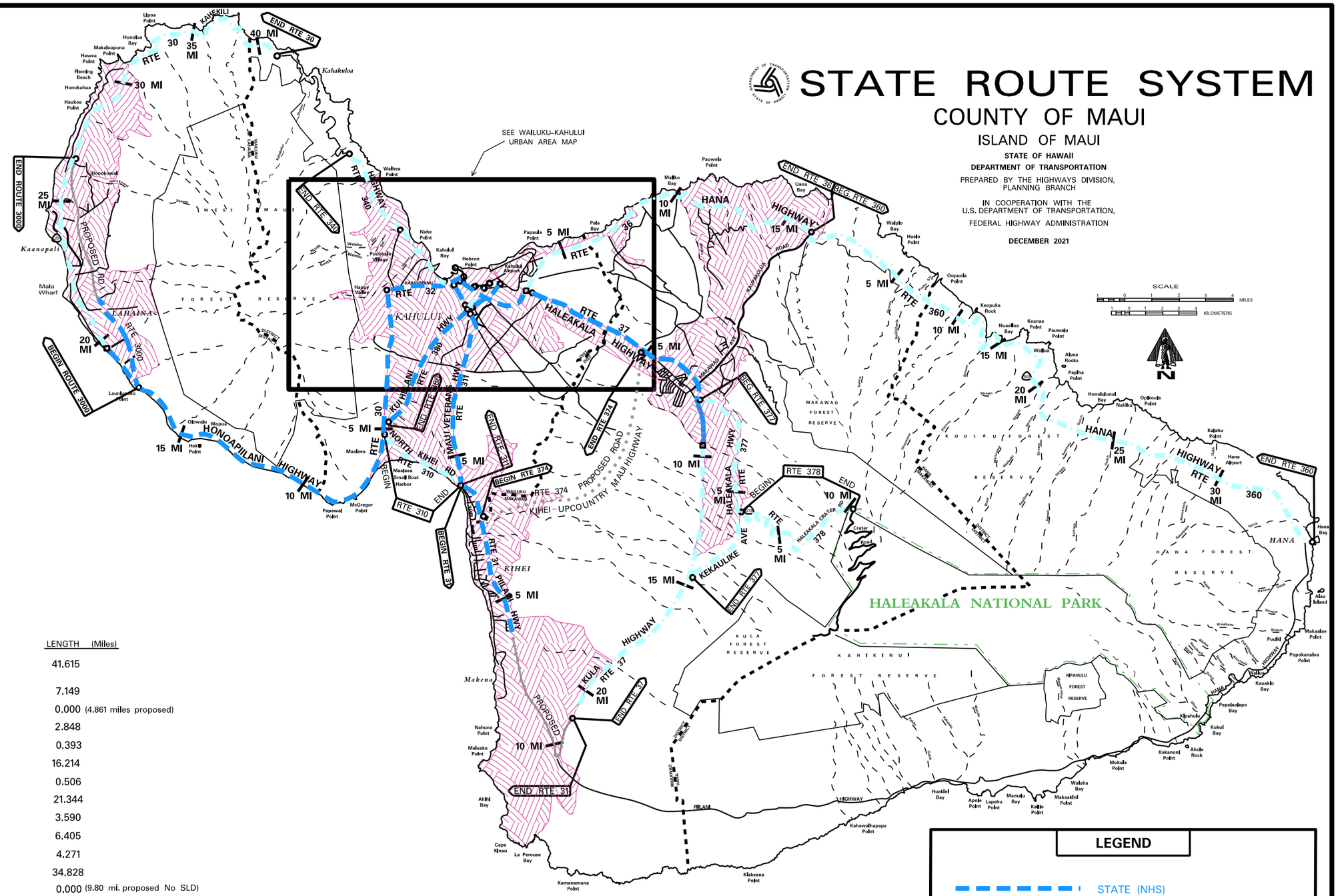
ISLAND OF MAUI

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 2021



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
* 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	(Maui Veterans 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)	4.63 (8.37 miles proposed)
3400	(Kahului Beach Rd., Waiehu Beach Rd.)	2.624
3500	(Puunene Ave.)	1.110
* 3800	(Mayor Elmer F. Cravalho Way)	1.238 (1.67 miles proposed)
	MAUI TOTAL =	**174.172**

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

Date Released
Dec 2002, AK
Revised
Jan. 04 DB
Feb. 11 DB
Feb. 12 DB
Feb. 13 EPJ
Dec. 13 EPJ
Dec. 14 EPJ
Jan. 16 EPJ
Dec. 16 EPJ
Feb. 18 DB
Nov. 18 DB
Feb. 19 EPJ

COUNTY OF MAUI:

	LENGTH (Miles)
MAUI	174.172
MOLOKAI	53.484
LANAI	13.665
TOTAL	**241.321**

LEGEND

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

STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION, PLANNING BRANCH
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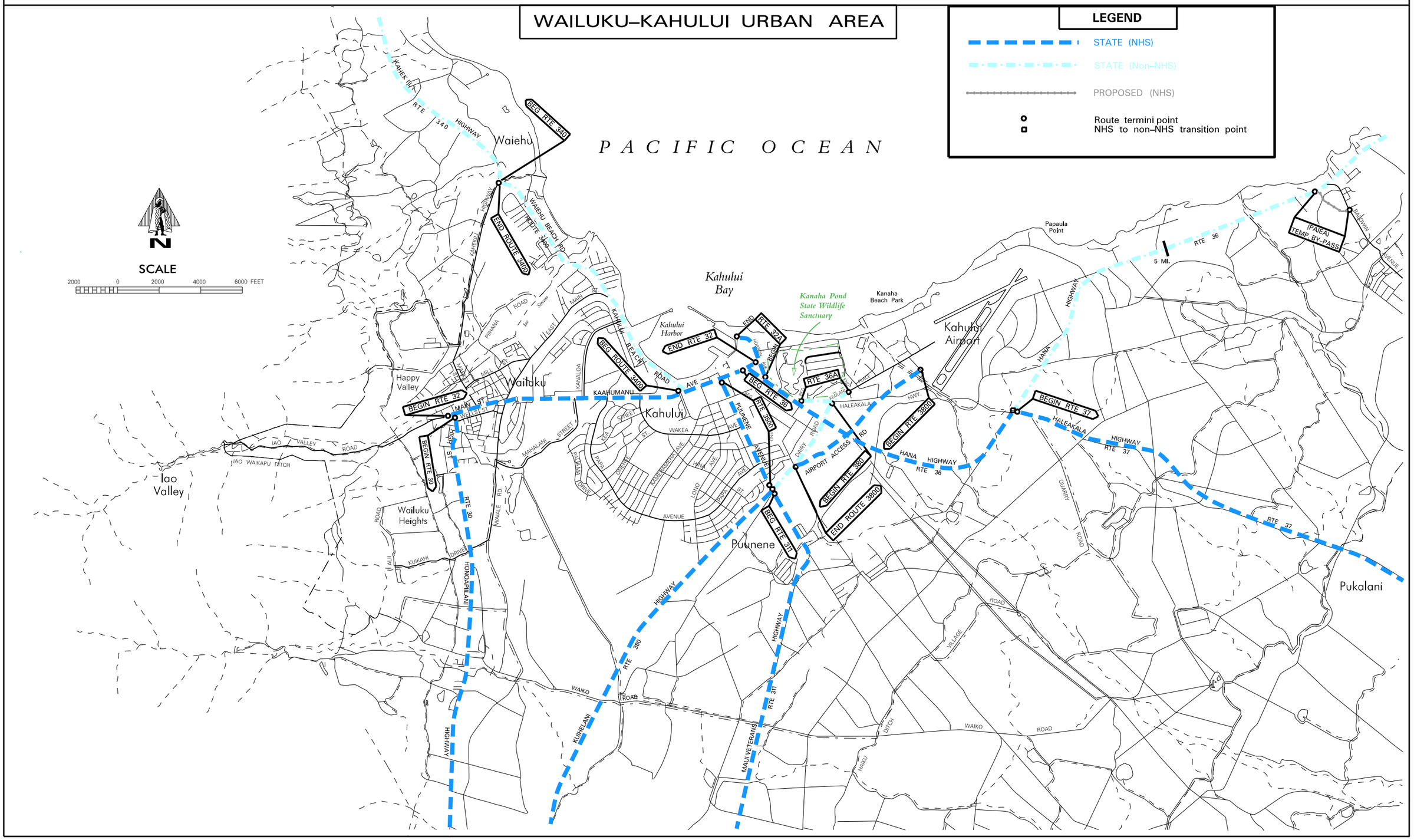
DECEMBER 2021

WAILUKU–KAHULUI URBAN AREA



Date Released	
Dec 2002	JK
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
Nov. 18	DB
Feb 19	EPJ
Dec 20	EPJ

2

STATE ROUTE SYSTEM

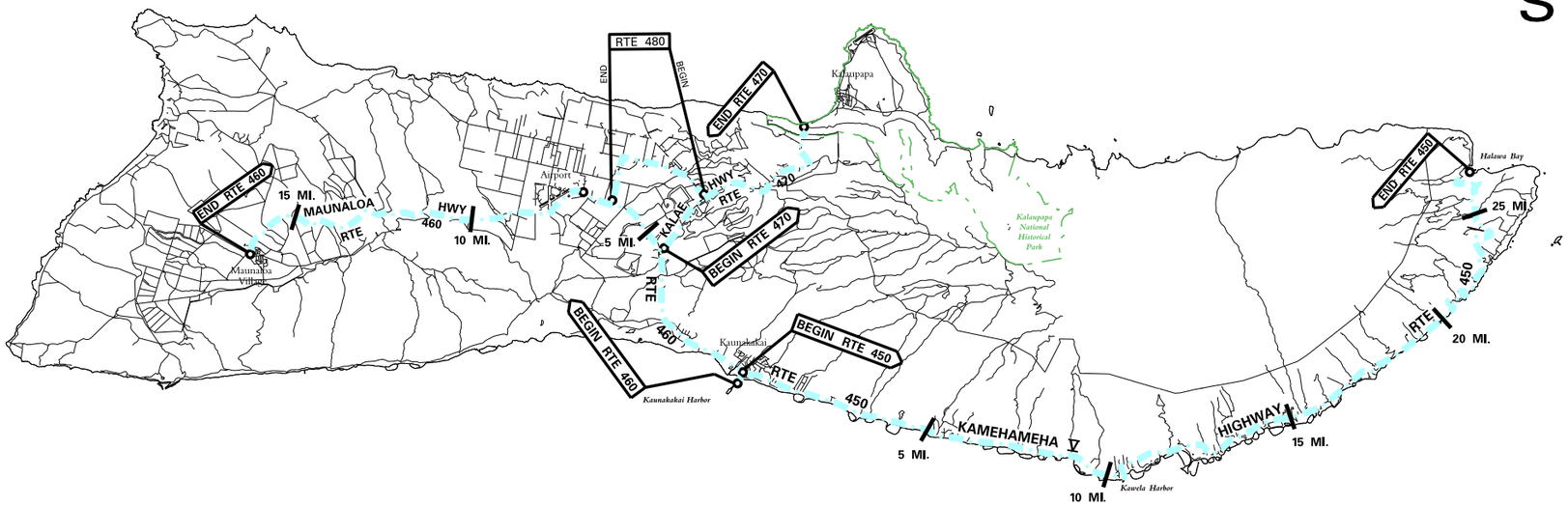
COUNTY OF MAUI

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 2021



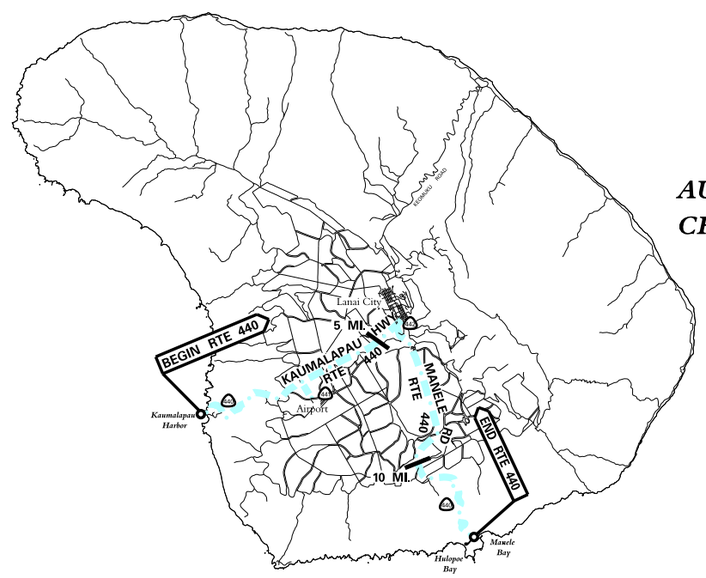
KALOHI CHANNEL

PACIFIC OCEAN

SCALE

MILES

KILOMETERS



AUAU CHANNEL

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	
Jan. 04	DB
May. 05	DB
Dec. 09	DB
Feb. 11	DB
Feb. 12	DB
May. 13	EPJ
Dec 14	EPJ
Jan. 16	EPJ
Dec 16	EPJ
Feb. 18	DB
Nov. 18	DB
Jan. 20	EPJ

3

ROAD INVENTORY

MAUI RTE 30
HIGH ST. – HONOAPIILANI HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

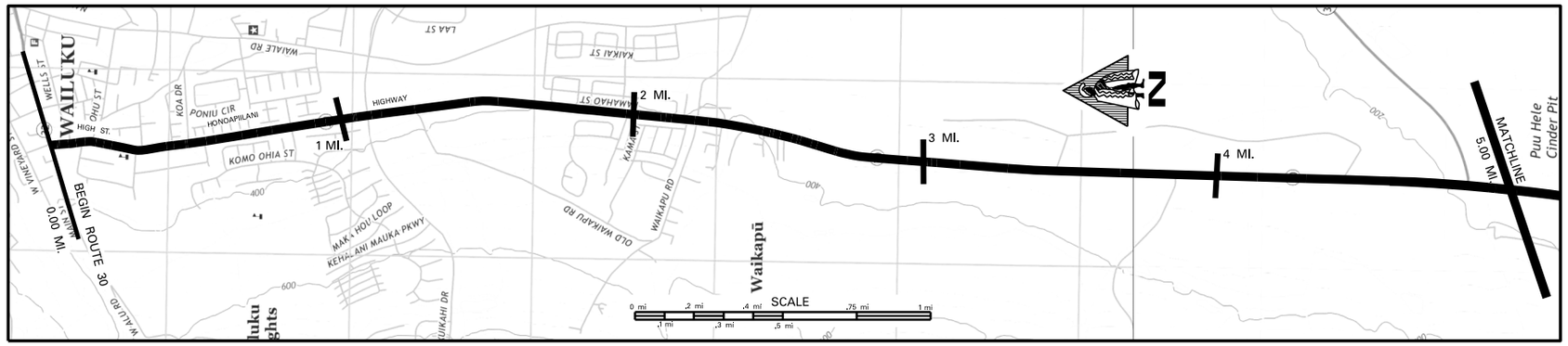
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SLAB, 1937, H–15 — 74' PRE–STRESSED CONC. GIRDER, HS–20–44, 2002
- Vertical Clearance: 39'
- 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' — 85' – 195'

Available Right of Way Width (Needs Study): Res. Area — 1000' Clear, Sugar Cane Field 15' from E.P. — Res. Area — 1000' Clear, Sugar Cane Field 25' from E.P.

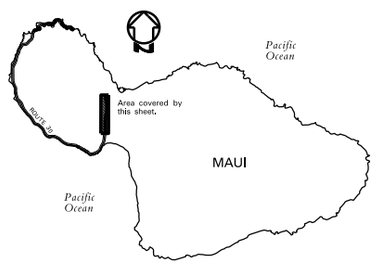
Right of Way Fence: Type – Right and Left: Pipe Fence; Stone Wall — Chain Link; None

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (287 + 60); (287 + 50); (287 + 60); (75 + 13.50)

Project No., Type of Construction, and Year Constructed: 30DE–01–17M, (R), 2019 — NH–030–1(056), RESURFACE, 2021 — NH–0900(080), 2014, Preventive Maintenance

Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF. 2004 — 30D–01–05, Resurf., 2006 — BR–NH–030–1(24), Bridge & Widening, 2002



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. — HONOAPIILANI — HIGHWAY

Kaohu St. — Wells St. — Augusti St. — End Divided Hwy — Kahookele St. — Begin Div. Hwy — Malako St. — Kolo Pl. — Begin Divided Hwy — Keanu St. — Telem. Sta. — Kehalani Parkway Culvert — Kukahi Dr. Culvert — Culvert End Divided Hwy — Cane Haul Rd. — Begin Divided Hwy — Piikana St. — Waiko Pl. — Waikapu Br. Waikapu Rd. End Div. Hwy — E. Waiko Rd. (L) — W. Waiko Rd. (R) — Begin Divided Hwy — Olani Pl. — Lehuapueo Pl. — Maui Tropical Plantation Rd. — End Divided Hwy — Cane Haul Rd. — Rd. to Quarry — Begin Divided Hwy — Rd. to Golf Cource — ECB — Culvert End Divided Hwy — Traffic Counting Station 4.06 mi. — Gravel Road — Begin Divided Hwy — Kuihelani Hwy (Rte 380) — Pohakea Br.

0 MP; 0.51 mi. .5 MP; 1 MP; 1.5 MP (R); 2 MP; 2 MP (R) 2.50 mi.; 3 MP; 3.5 MP (R); 4 MP; 4.759 mi.

0.010 mi. — 0.108 mi. — 0.108 mi. — 0.108 mi. — 0.32 mi. — 0.32 mi. — 0.32 mi. — 0.27 mi. — 0.418 mi. — 0.47 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. — 1.51 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. — 3.51 mi. — 3.756 mi. — 3.866 mi. — 3.912 mi. — 3.989 mi. — 4.072 mi. — 4.130 mi. — 4.435 mi. — 4.668 mi. — 4.866 mi. — 4.959 mi.

CONTINUED ON SHEET 2. 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 4'–6' AC; 6' AC; 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 — ELMRS= EDGE LINE MILLED RUMBLE STRIP: 4'–6' AC; 0; 4' AC/2' Grass; 6' AC; 6' AC; 4' AC
- Median: Width and Type — CLMRS= CENTER LINE MILLED RUMBLE STRIP: 0'–8' Paint; 0'–12' Paint; 0'–12' Paint; 0'–12' Paint; 0'–12' Paint; 8'–18' Grass (32' Grass) (20' Grass) (Double Guardrails)

Divided Highway

- Shoulder: Width and Type: 0; 0; 0; 0; 0; 4' AC
- Pavement: Width and Type: 14'–10' AC; 12' AC; 12' AC; 12' AC; 12' AC; 24' AC
- Shoulder: Width and Type — ELMRS– EDGE LINE MILLED RUMBLE STRIP: 0; 6' AC; 4' AC/2' Grass; 6' AC; 6' AC; 8' AC

Number of Traffic Lanes: 1–12'; 1–14'–10'; 2–12'; 2–12'; 1–12'; 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; (Transition Lane 0–12') 12' Turn Lane

(Right Side): 12' Turn Lane

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

Sidewalk: Width and Type (Right and Left): 7' Conc.; 8' Conc.; 6' Conc. Sidewalks; Conc. Sidewalk; 5' Conc. Sidewalk

Curb and/or Gutter: Type (Right and Left): Conc. Curb; Conc. Curb; AC 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): P74 0030 00050; B74 0030 00486

HPMS Sections – AADT 2020: 12,200; 27,700

HPMS Sections – AADT 2019: 14,100; 29,600

HPMS Sections – AADT 2018: 13,800; 20,342

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

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

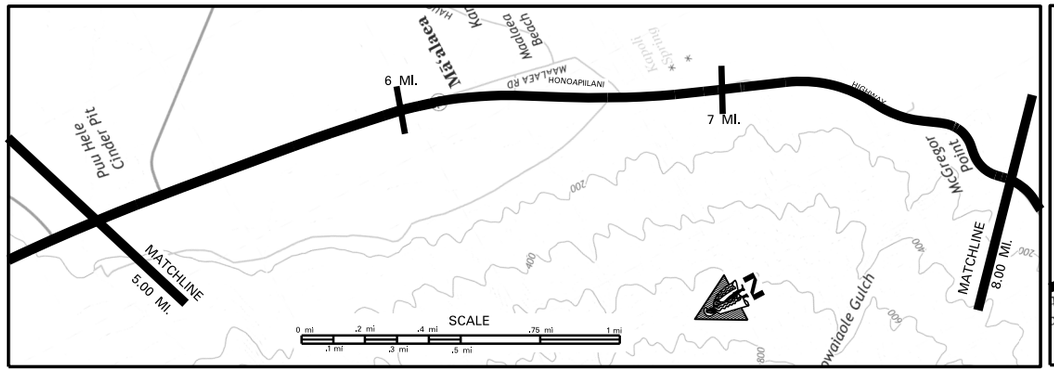
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

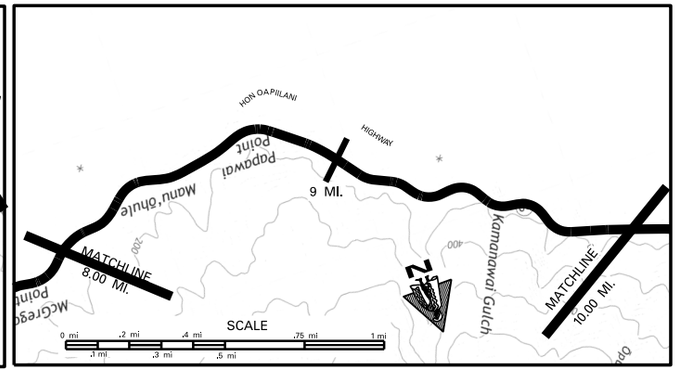
Total Route Length: 41.615 **miles**

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.) — 5.30 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

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

Available Right of Way Width (Needs Study): 1000' Clear, Sugar Cane Field 25' From E.P. (5.27) 1000' Clear, Pineapple Field, 35' from E.P. (6.75) Residential Area (7.00) Brush and Trees

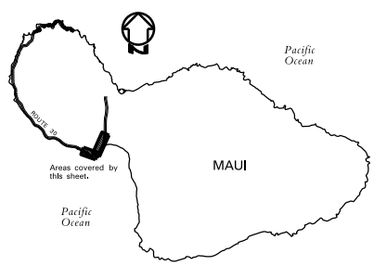
Right of Way Fence: Type – Right and Left: Wire on Wood (5.28) Wire on Wood (6.76) Wire on Wood (7.34) Wire on Wood (7.70) Wire on Wood (8.01) Wire (9.18 9.25 9.31 9.39 9.47 9.52 9.59 9.61 9.27 9.36 9.42 9.46 9.54 9.59 9.74 9.79 9.86 9.91 9.98)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (13+75) STP–0900(073),(R),2015 State (82+00) (93+00) Rock Fall Protection

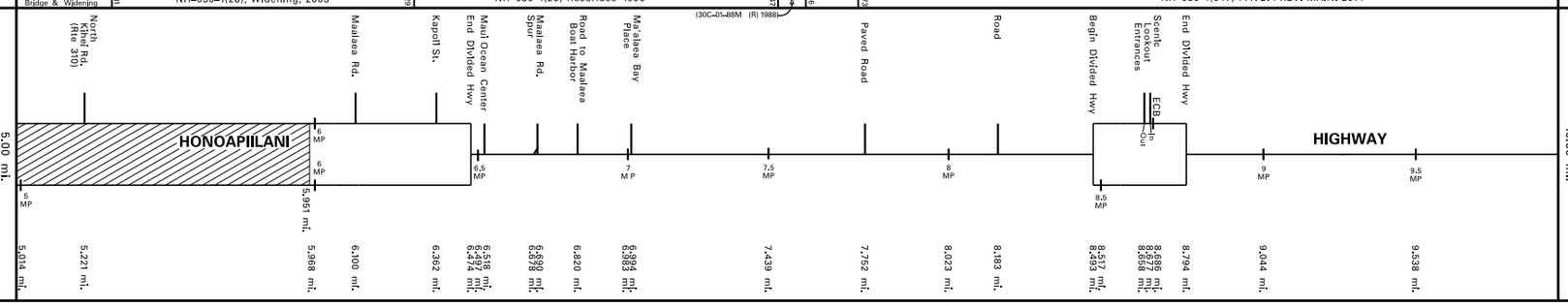
Project No., Type of Construction, and Year Constructed: NH–0900(080), Preventive Maintenance, 2014 (6.25) (6.67) STP–0900(53), 2002 Guardrail & Shldr. Imp. (7.48) (7.53) HSIP–030–1(45), Safety Improvements, 2021

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) (7.56) (7.73) (30C–01–88M (R) 1988) NH–030–1(047) PAVE. PREV. MAIN. 2014



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 (6.29) 4'–6' AC (6.47) (See Note) 6'–8' AC (8.40) 4'–6' AC (9.00) 6'–8' AC 8'–10' AC

Pavement: Width and Type: 24' AC 36' AC (6.37) (6.74) (6.88) Shldr Milled Rumble Strip (7.02) Shldr Milled Rumble Strip 24' AC (.17) 12' AC (.87) 24' AC (Shldr Milled Rumble Strip)

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 4' AC (6.03) 0 (6.69) (See Note) 6'–8' AC (.55) .63 0 6'–8' AC (9.52) 8'–10' AC

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

Shoulder: Width and Type: 4' AC (6.03) 0

Pavement: Width and Type: 24' AC (.695) 12' AC 12' AC

Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 8'–10' AC (6.31) 6'–8' AC 6'–8' AC

Number of Traffic Lanes: 4–12' (.695) 2–12' (.978) 2–12' 2–12' 2–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.): (.346) (.469) (.596) (.695) (.781) (.897)

(Right Side) (All 12' TLs.): (.076) (.221) (.346) (.695) (.780) (.897) (.986) (1.100) (1.247) (1.295) 11' Turn Lane (7.677) (7.775) (7.794) 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): (.025) (.365) (.468) (.694) (.896) (1.232) (1.498) (1.520) (1.698) (2.114) (2.224) (2.384) (2.504) (2.553) (2.601) (2.804) (2.877) (3.038) (3.146) (3.302) (3.472) (3.554) (3.638) (3.686) (3.872) (3.942) (4.015) (4.086) (4.150) (4.196) (4.262) (4.404) (4.447) (4.535) (4.623) (4.683) (4.724) (4.764) (4.801) (4.825) (4.869) CB A AC Gutter L & Conc. G.

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier): (.049) (.090) (.134) (.576) (.697) (.735) (.867) (1.010) (1.135) (1.180) (1.313) (1.363) (1.489) (1.541) (1.599) (1.622) (1.654) (1.742) (1.783) (1.843) (1.869) (1.945) (2.126) (2.184) (2.241) (2.264) (2.308) (2.358) (2.447) (2.420) (2.519) (2.553) (2.646) (2.757) (2.859) (2.943) (2.996) (3.102) (3.183) (3.272) (3.292) (3.260) (3.338) (3.396) (3.437) (3.477) (3.575) (3.638) (3.659) (3.687) (3.807) (3.865) (3.904) (3.941) (4.001) (4.104) (4.141) (4.266) (4.353) (4.417) (4.449) (4.536) (4.569) (4.743) (4.798) (4.854) (4.911) (4.969) 15 HPS (847)

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 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 (6.76) A (6.86) B (7.10) A (7.23) B (7.33) A (7.49) B (7.86) A (7.95) B (7.28) A (8.07) B (9.38) A (9.58) C (9.69) B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998) (7.824) Rural (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (1) (9.70) Mountainous (3)

Speed: 1–Design, 2–Posted: 45 MPH (2) (.894) 45 MPH (2) (.221) 45 MPH (Min. 35 MPH) (2)

Intersection Control Devices: Type, Location and Cycle Timing: 45 MPH (Min. 35 MPH) (2) 3 Phase (.221) (.346) (.674)

Traffic Stations (Current Year): B74 0030 00486 (6.41) P74 0030 01214

HPMS Sections – AADT 2020: 27,700 24,800

HPMS Sections – AADT 2019: 29,600 28,600

HPMS Sections – AADT 2018: 20,342 27,900

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) (7.57) HWY–M–01–99M (R) 2000 (STP–0900(53), 2002 Guardrail & Shldr. Imp.)
(30C–01–92M (R) 1993) (5.03) NH–030–1(25) Resurface 1996 (7.47) (7.57) 30C–01–90M (R) 1990 (8.50) HES–STP–030–1(20) 1994 (8.88) HWY–M–01–99M (R) 2000 30C–01–90M (R) 1990
(30C–01–82M (R) 1982) (5.03) (5.21) 30C–01–86M (R) 1986 (6.96) 30C–01–88M (R) 1988 (7.56) (8.10) LT–M–01–78 (R) 1979
30CD–01–84(Shldr. Imprv.) 1985 (6.68) (6.96) ROS–030–1(14) Safety Imprv. 1979 (8.32) (8.36) ROS–030–1(12) 1977
30BC–01–70 1970 30BC–01–71, (R) 1971 (7.27) Resurf 1950 (7.55) 30C–01–75M Resurf 1975
FAP – 13G 1936 (6.07) NRH – 13C 1934 (6.40) NRH – 13D 1935 (8.14) (111+00) (376+81.31) F–30(5) 1953

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.
Feb. 12	D.B.
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ROAD INVENTORY

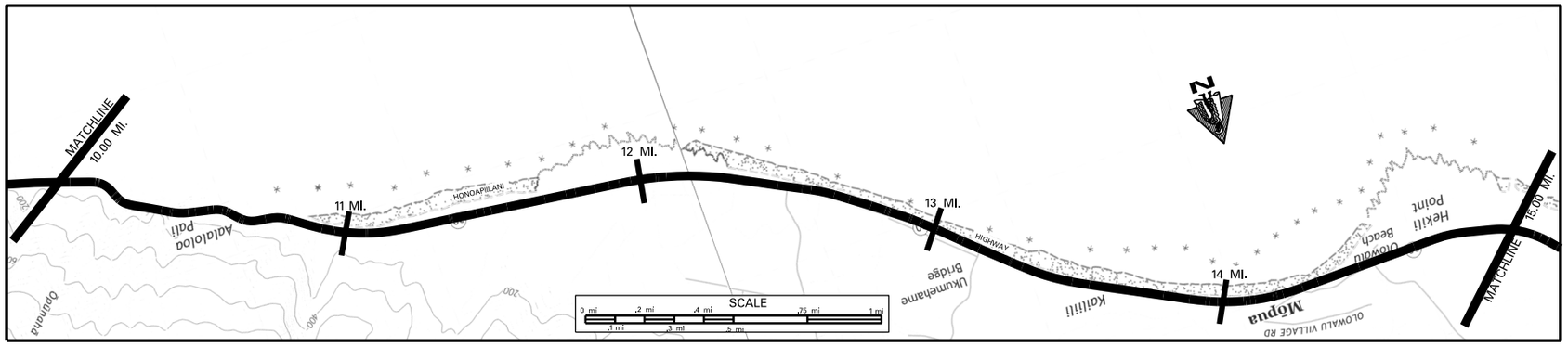
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 41.615 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: Tunnel 1950; RC, Flat Slab H20, 1950

Vertical Clearance: 10.34'; 12.82' 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'

Available Right of Way Width (Needs Study): Brush & Trees; 12.40; (R) Clear – 40' Caneffeld (L) Beach; 13.76; Trees & Bushes; 14.40; Caneffeld 1000' Clear – 40' from E.P.

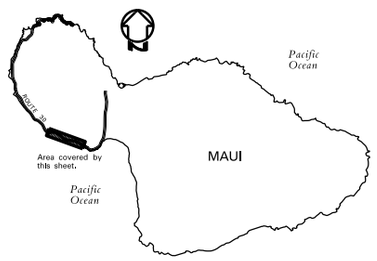
Right of Way Fence: Type – Right and Left: Rock Fall Protection; Wire

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

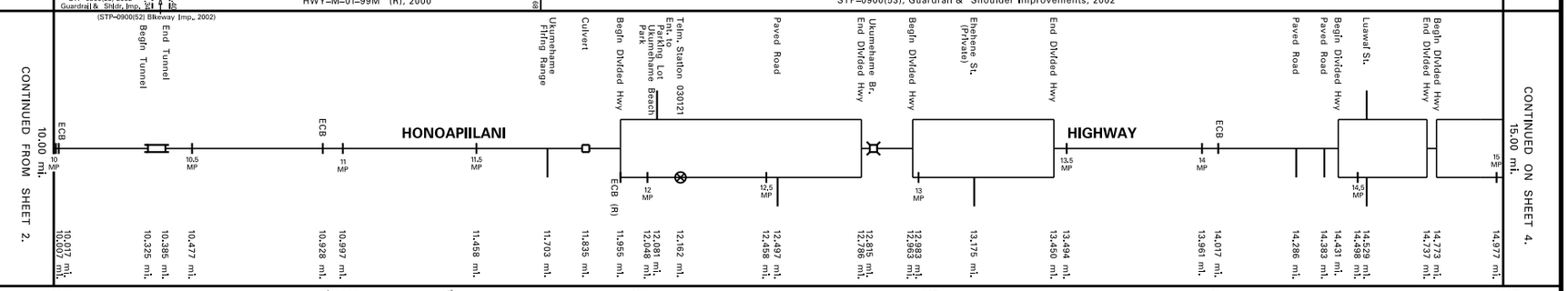
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; 188+00; 109+00; 13.14; 99+00; 13.36; 32+00

Project No., Type of Construction, and Year Constructed: HSIP–030–1(45), Safety Improvements, 2021; HSIP–030–1(055), Safety Improvements, 2020; (NH–030–1(053), Guardrail & Shoulder Improvements, 2016); (30C–01–06M, Resurf., 2008)

Project No., Type of Construction, and Year Constructed: STP–0900(53) 2002 Guardrail & Shldr. Imp., 2001; (STP–0900(52) Bikeway Imp., 2002); HWY–M–01–99M (R), 2000; STP–0900(53), Guardrail & Shoulder Improvements, 2002



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.): 8'–10' AC; 8'–10' AC; 8' AC; 10' AC; 4' AC; 6' AC; 4' AC/ 6' Grs

Pavement: Width and Type: (SHLD MILLED RUMBLE STRIP); (5' PCC); 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC

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

Median: Width and Type: CENTERLINE MILLED RUMBLE STRIP; 0'–12' Painted AC; 0'–12' Painted AC; 0'–10' Painted; 0'–10' Painted

Shoulder: Width and Type: 0; 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)

(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. CB – Concrete Barrier

Illumination: Type, Location and Number: Concrete Guardrail – Type 4K

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); Flat (1)

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P74 0030 01214

HPMS Sections – AADT 2020: 24,800

HPMS Sections – AADT 2019: 28,600

HPMS Sections – AADT 2018: 27,900

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); NH–030–1(047) PAVE. PREV. MAIN. 2014; (HES–STP–030–1(19)); HWY–M–01–99M (R), 2000; 30C–01–90M, (R), 1990; 30C–01–90M, (R) 1990; 30AC–01–87M (R) 1988; 30C–01–78, GR/Shldr., 1981; STP–030–1(21) (R) 1994; LT–M–01–78 (R) 1979; ROS–030–1(14) 1979 Safety Improv.; ROS–030–1(12) 1977; 30C–01–78 (Guardrail & Shldr.) 1981; 30AC–01–87M (R) 1988; 30C–01–78 G.R. & Shldr., 1981; 30C–01–75M (R) 1975; F–30(3) 1951; 30C–02–72 (R) 1972; (F–30(5) 1953); F–30(3) 1950; 275+00

SCALE: (In Miles) 4" = 1 mile

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Aug 2003, D.B.

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Total Route Length: 41.615 miles
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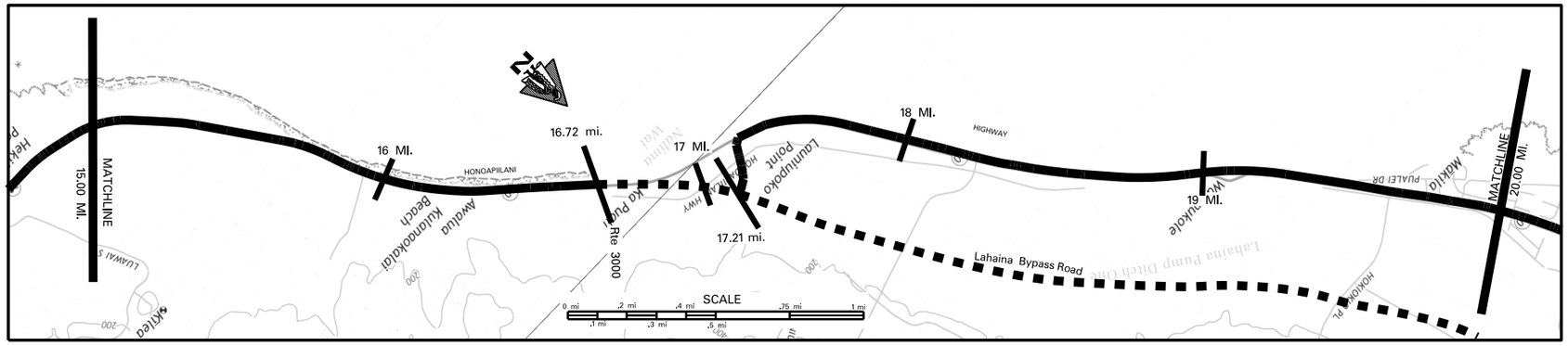


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 30 C (15.33 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 15.31: RC, Flat Slab H15, 1938 — 62'
- 16.02: RC Flat Slab, 1938, H15 — 26'
- 17.26: RC Flat Slab, 1938, H15 — 42'
- 19.59: Conc. Slab, 1971, HS 20 — 27'

Vertical Clearance
- 15.31: 24'
- 16.02: 24'
- 17.26: 24'
- 19.59: 44'

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'–345' (15.24); 70'–80' (16.02); 76'–280' (17.84)

Available Right of Way Width (Needs Study): Canefield 1000' Clear – 40' from E.P. (15.24); Trees & Heavy Bushes (16.03); (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area (18.00)

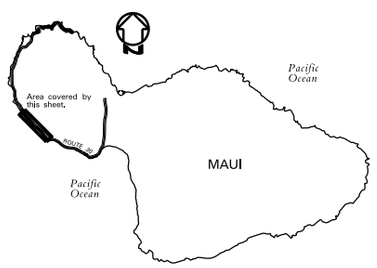
Right of Way Fence: Type – Right and Left: Wood Fence 30' from E.P. (19.86)

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: HSIP–030–1(055), Safety Improvements, 2020 (15.60); 30C–01–06–M, Resurf., 2008; (STP–030–1(39), Widening, 2011) (155 + 50); (STP–0900(53) G,R,/Shldr., 2002) (128 + 00) (19.35–19.86)

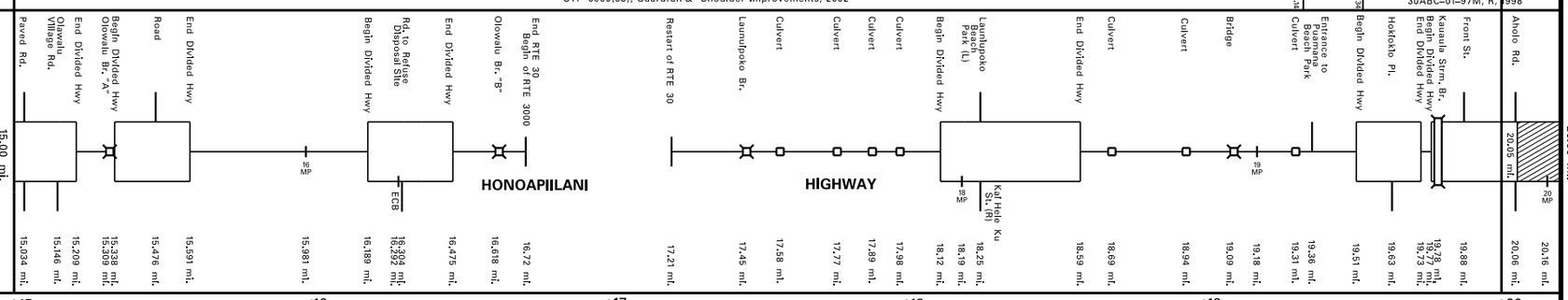
Project No., Type of Construction, and Year Constructed: STP–0900(53), Guardrail & Shoulder Improvements, 2002; 30ABC–01–97M, R, 1998



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/Bikelane from 6.83 mi. to 19.86 mi.)
- 15.00–15.24: 4' AC/10' Grass
- 15.24–15.60: 6' AC
- 15.60–15.86: 8' AC
- 15.86–16.02: 6' AC
- 16.02–16.22: 10' AC
- 16.22–17.84: 8' AC
- 17.84–18.00: 6' AC
- 18.00–18.42: 8' AC
- 18.42–18.87: 4'–6' AC
- 18.87–19.86: 8' AC
- 19.86–20.06: 6' AC

Pavement: Width and Type
- 15.00–15.24: 12' AC
- 15.24–15.60: 24' AC
- 15.60–15.86: 12' AC
- 15.86–16.02: 24' AC
- 16.02–16.22: 12' AC
- 16.22–17.84: 24' AC
- 17.84–18.00: 12' AC
- 18.00–18.42: 24' AC (5' AC/10' Dirt)
- 18.42–19.86: 12' AC
- 19.86–20.06: (24' AC) 12' AC

Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83 mi. to 19.86 mi.)
- 15.00–15.24: 0
- 15.24–15.60: 6'–8' AC
- 15.60–15.86: 0
- 15.86–16.02: 6'–8' AC
- 16.02–16.22: 0
- 16.22–17.84: 6'–8' AC
- 17.84–18.00: 0
- 18.00–18.42: 4' AC/10' Dirt
- 18.42–19.86: 6' AC
- 19.86–20.06: 0 (6'–8' AC) 0

Divided

Median: Width and Type
- 15.00–15.24: 0–10' Painted AC
- 15.24–15.60: 0'–3' Painted AC
- 15.60–16.22: 0–11' Painted AC
- 16.22–17.84: 10' Paint
- 17.84–19.86: 0'–10' Painted AC
- 19.86–20.06: 10' Paint

Median Barriers:
- 19.86–20.06: 12' Raised Trees & Shrubs w/ Curbs

Shoulder: Width and Type
- 15.00–15.24: 0
- 15.24–15.60: 0
- 15.60–16.22: 0
- 16.22–17.84: 0
- 17.84–19.86: 0
- 19.86–20.06: 0

Pavement: Width and Type
- 15.00–15.24: 12' AC
- 15.24–15.60: 12' AC
- 15.60–16.22: 12' AC
- 16.22–17.84: 12' AC
- 17.84–19.86: 12' AC
- 19.86–20.06: 22' AC

Shoulder: Width and Type
- 15.00–15.24: 6'–8' AC
- 15.24–15.60: 10'–12' AC
- 15.60–16.22: 6'–8' AC
- 16.22–17.84: 6'–8' AC
- 17.84–19.86: 6'–8' AC
- 19.86–20.06: 6'–8' AC

Number of Traffic Lanes: 2–12'

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

(Right Side): 2–11'
- 15.34–15.58: 10' T.L.s
- 15.91–16.40: 10' T.L.s
- 16.54–16.74: 11' T.L.
- 17.17–17.51: 10' T.L.s
- 19.86–20.06: 10' T.L.s

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

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

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

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

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
- 15.60 B
- 15.76 A
- 16.22 B
- 16.54 A
- 17.47 B
- 17.56 A
- 17.90 B
- 18.09 A
- 18.43 B
- 18.57 A
- 19.17 B
- 19.27 A
- 19.39 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
- Flat (1)
- 18.699

Speed: 1–Design, 2–Posted
- 35 MPH (2)
- 15.184 45 MPH (2) / 45 MPH (Minimum35) (2)
- 15.379 45 MPH (Min, 35 MPH) (2) / 45 MPH (2)
- 18.695 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year)
- P74 0030 01214
- 17.65
- B74 0030 01917
- 19.68 B74 0030 02092

HPMS Sections – AADT 2020
- 24,800
- 10,300
- 19,100

HPMS Sections – AADT 2019
- 28,600
- 12,300
- 22,600

HPMS Sections – AADT 2018
- 27,900
- 11,000
- 38,259

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(191)) 15.24 STP–030–1(21), R, 1994
- 15.33 30C–02–90 (GR & Shldr), 1991; STP–030–(21) (R) 1994; 17.91 30BC–02–86 Improvements, 1987; 19.34 19.60 30–8C–01–87M (R) 1987
- 15.18 30C–01–78 GR &Shldr, 1981; 30C–01–82M (R) 1982; 16.20; 30C–02–72 Resurface 1972; 16.83; 30C–01–85M (R) 1985; 19.49 F–30(1) 1957; F–30(1) 1957
- F–30(3) 1950 15.27 (0 + 00) (136 + 50); F–30(4) 1951; 17.84 (0 + 00) (235 + 90.71); F–30–1(1) 1956

SCALE: (In Miles) 4" = 1 mile

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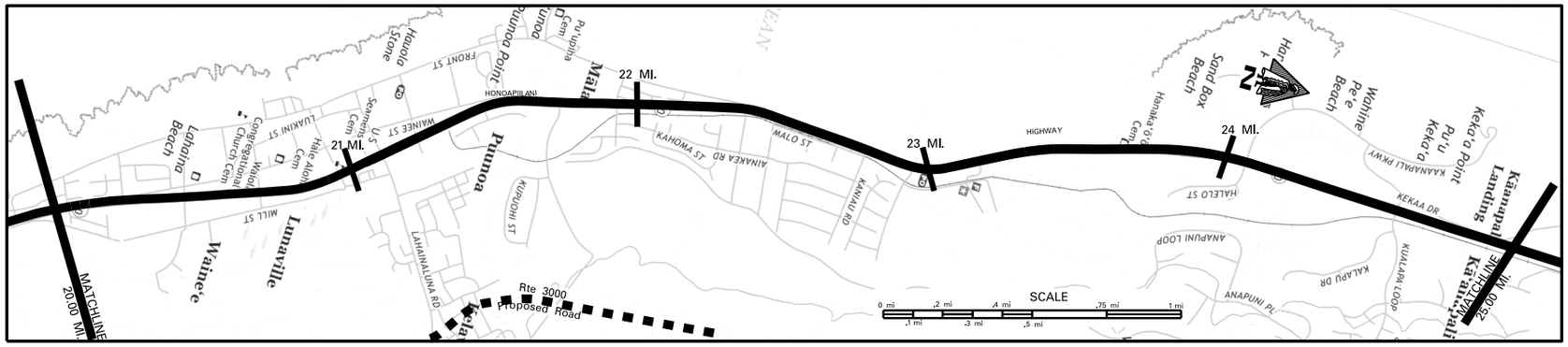


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

30 C (15.33 MI.) | End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St. | 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.)

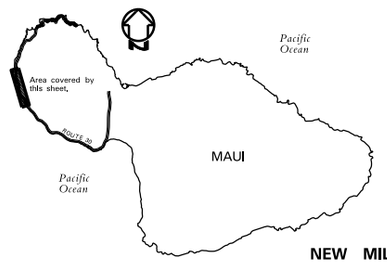
Structure Carrying Road

- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC Twin Box Culvert, 1957 H 20; Tee Beam 1969; Pre Stressed Concrete Girder HS-20-44, 1969,1999
- Vertical Clearance: 44'; 45'-4"
- Horizontal Clearance: 44'

Structure Over Road

- Vertical Clearance: 16.8'; 16.5'
- Horizontal Clearance: 47'; 74'

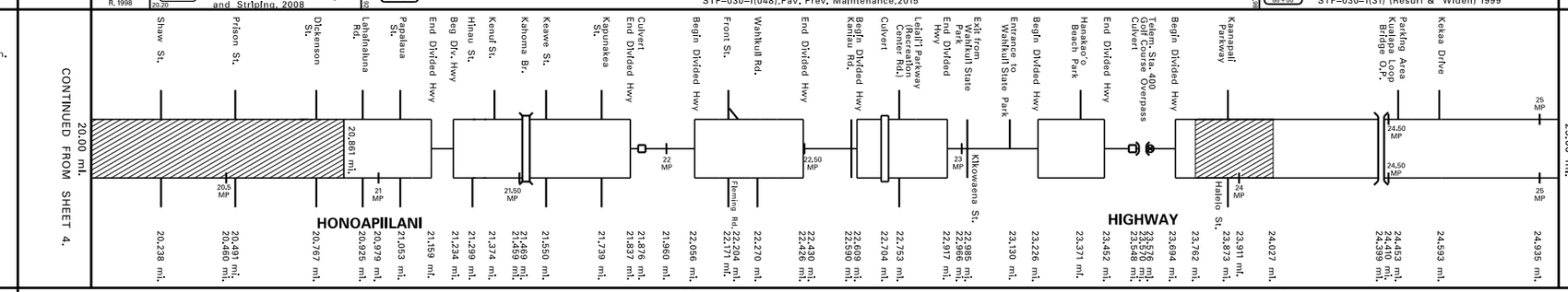
- Right of Way Width (min.-max.) if varies: 76'-280'; 80'-190'
- Available Right of Way Width (Needs Study): (R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area; Residential; Clear Canefield; Residential; Brush & Trees; Residential/Recreation
- Right of Way Fence: Type - Right and Left: Various 20.24; 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(39), Widening, 2011; 30B-01-16, 2019 HWY IMPRV.; STP-030-1(049), Preventive Maintenance, 2014
- Project No., Type of Construction, and Year Constructed: 30ABC-01-97M, R, 1998; HWY-M-07-07M, Marking and Striping, 2008; STP-030-1(048),Pav. Prev. Maintenance,2015; STP-030-1(31) (Resurf & Widen) 1999



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage

NEW MILEAGE = (x) + 0.2 mi



SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided

- Shoulder: Width and Type: 6' AC; *4'-6' AC
- Pavement: Width and Type: 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 24' AC
- Shoulder: Width and Type: 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

* (Combination Shldr/Bike Route from 6.83 mi. to 19.86 mi., 20.93 mi. to 31.20mi.)

Divided

- Median: Width and Type: 12' Raised Trees and Shrubs with Curbs; 0-10' Paint; 0-12' Paint; 0-11' Paint; 0-11' Paint; 0-11' Paint; (0'-10' Painted Median); 4'-15' Painted AC
- Median Barriers:
- Shoulder: Width and Type: 0; 0; 0; 0; 0; 0; (10'-38' Grass (Raised)); 0
- Pavement: Width and Type: 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; (10'-38' Grass (Flush)); 24' AC
- Shoulder: Width and Type: 6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; (10'-38' Grass (Raised)); *6'-8' AC

* (Combination Shldr/Bike Route from 6.83mi. to 19.86 mi., 20.93 mi. to 31.20mi.)

- 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.; 11' T.L.; 11' T.L.; 11' (R) T.L.; 11' T.L.s
- (Right Side): 11' T.L.; 11' T.L.; 11' T.L.; 1-11' (L) T.L.; 1-11' Accel. Ln.; 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; 3' Concrete Gutter
- 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; Wood/Concr.; 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; 3 Phase; Traffic Lights
- Traffic Stations (Current Year): B74 0030 02092; P74 0000 00400; B74 0030 02387
- HPMS Sections - AADT 2020: 19,100; 38,900; 17,782
- HPMS Sections - AADT 2019: 22,600; 44,800; 33,300
- HPMS Sections - AADT 2018: 38,259; 43,700; 33,681
- 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: HWY-M-07-07M, Marking and Striping, 2008; (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; 21.41 (30B-01-85 Traffic Signal 1985); 30BC-02-86 Improvements, 1987; 30AB-02-85 Shldr. & Guardrails 1985; 30AB-01-82 Shldr.& Guardrails 1982; 30AB-02-85 Shldr./Guardrails 1985; F-30(1) 1957; 30AB-01-78M (R) 1978; 30AB-01-79M 1979; 30AB-01-78M (R) 1978; F-30-1(1) 1956; S-0300(1) 1958

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

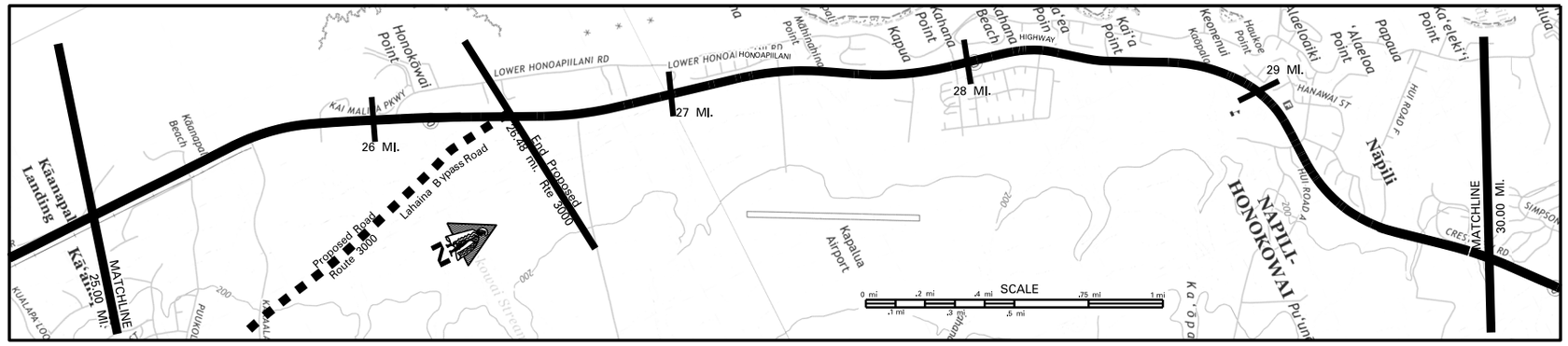
MAUI RTE 30
HONOAPIILANI HWY

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

Vertical Clearance: 50' — 74'

Horizontal Clearance: 68' — 47'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): Residential/Recreation — Clear - Canefield 15' from E.P. — Residential

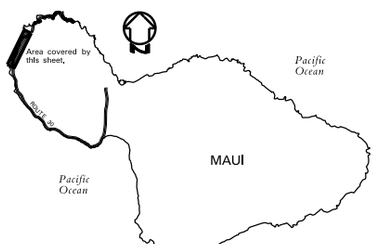
Right of Way Fence: Type - Right and Left: Chain Link

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

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

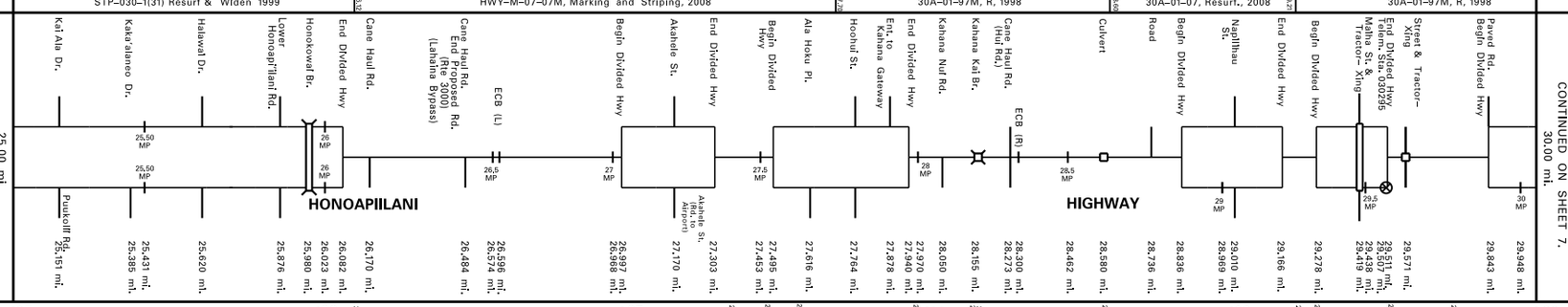
Project No., Type of Construction, and Year Constructed: STP-030-1(049), Preventive Maintenance, 2014 — STP-030-1(046), R, 2012 — 30A-01-10M, R, 2012 — 30A-01-10M, R, 2012

Project No., Type of Construction, and Year Constructed: STP-030-1(31) Resurf & Wden 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

NEW MILEAGE = (x) + 0.2 mi



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 24' AC

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

Divided Highway

Median: Width and Type: 0-15' Painted AC

Median Barriers:

Shoulder: Width and Type: 0

Pavement: Width and Type: 24' AC

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

Number of Traffic Lanes: 4-12' — 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)

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 MCB=Metal on top of 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)

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) — Rolling (2)

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

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

Traffic Stations (Current Year): B74 0030 02387 — B74 0030 02588 — B74 0030 02816 — P74 0030 02957

HPMS Sections - AADT 2020: 17,782 — 18,700 — 15,100 — 7,500

HPMS Sections - AADT 2019: 33,300 — 19,400 — 15,500 — 8,500

HPMS Sections - AADT 2018: 33,681 — 20,448 — 14,800 — 8,100

DOD Sections

Census Tracts

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

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

Previous Projects: Project No., Date and Limits

HWY-M-07-07M, Marking and Striping, 2008

30A-01-96M (R) 1997 — STP-030-1(23) Resurf 1996 — 30A-01-97M, R, 1998

30AC-01-87M & 30A-01-87, 1987

30AB-01-78M Resurf 1978

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

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug 2003,	D.B.

Revised	
Aug 04	D.B.
Mar. 05	D.B.
Nov. 06	D.B.
Mar. 09	D.B.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

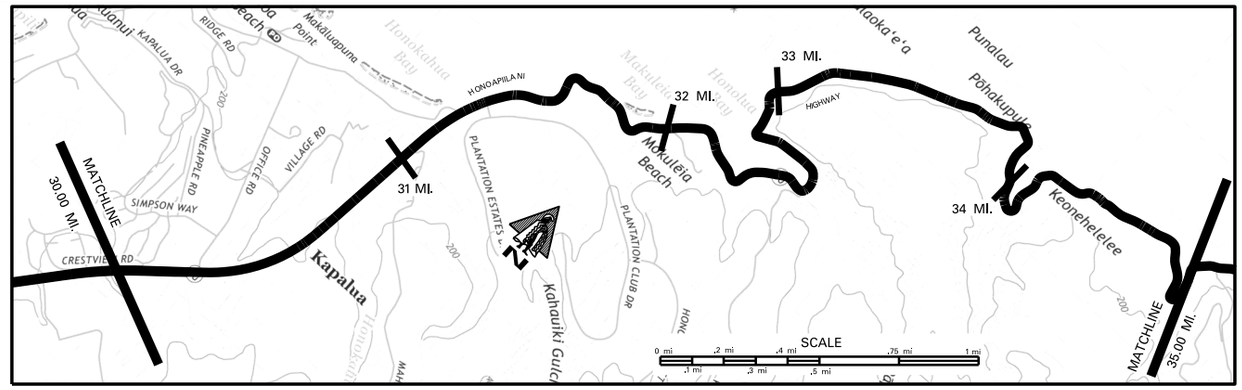
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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: Prestressed I-Beam HS-20-44 1986 (30.55); S.S. Conc. Slab H-10 1924 (32.40)

Vertical Clearance: 604' (30.55); 24' (32.40)

Horizontal Clearance: 52' (30.55); 17' (32.40)

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: (300'-400') 30.55; 40'

Available Right of Way Width (Needs Study): Residential (30.55–31.69); Chain Link (31.69–31.73); Heavy Brush, Trees & Rocks (31.73–32.97); 1000' Clear Pineapple Fields 15' form E.P. (32.97–33.50); Heavy Brush & Rock (33.50–34.97)

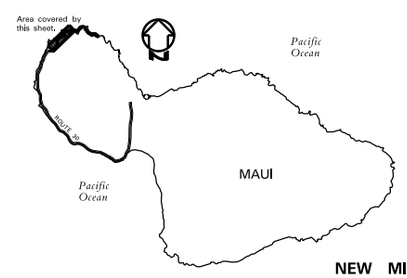
Right of Way Fence: Type – Right and Left: Wire on Wood (34.47–34.97)

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 + 71.21; 9 + 66.07; 31.98)

Project No., Type of Construction, and Year Constructed: 30A-01-10M, R, 2012 (30.55–31.98); 30A-01-16M, (R), 2018 (31.98–35.00)

Project No., Type of Construction, and Year Constructed: 30A-01-97M (Resurf.) 1998 (30.55–31.98); 30A-01-91M (R) 1992 (31.98–35.00)



Road Diagram
* MP=Milepost Signage

NEW MILEAGE = (x) + 0.2 mi

CONTINUED FROM SHEET 6. — 30.00 mi.

Kapalua Village Golf Course; End Divided Hwy; Culvert; Honokahua Strm. Br.; HONOAPIILANI; Access Rd "A"; Culvert; Beg Divided Hwy; 31 MP; Lower Honoapiilani Hwy; Access to Estates Dr.; End Divided Hwy; Lookout Access Rds. (32 MP (L)); Lookout (L); Honolua Pl.; Lookout Access Rds. (32.50 MP (L)); Honolua Br.; Pineapple Field Rd. (33.50 MP (L)); Dirt Road (34 MP (R)); HIGHWAY; Culvert; Pullout (34.50 MP (L)); Pullout (35 MP (R)); Culvert (35.50 MP (L)); CONTINUED ON SHEET 8. — 35.00 mi.

30.054 mi. 30.165 mi. 30.372 mi. 30.552 mi. 30.667 mi. 30.823 mi. 30.927 mi. 30.914 mi. 30.905 mi. 31.027 mi. 31.122 mi. 31.192 mi. 31.444 mi. 31.418 mi. 31.49 mi. 31.632 mi. 31.819 mi. 31.909 mi. 32.357 mi. 32.52 mi. 33.02 mi. 33.118 mi. 33.54 mi. 33.651 mi. 33.892 mi. 34.04 mi. 34.214 mi. 34.291 mi. 34.42 mi. 34.702 mi. 34.92 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: *(Combination Shldr./Bike Route to 31.20 mi. – see arrows); MILLED SHLD RUMBLE STRIP; *8' AC; *(8' PCC); *10' AC

Pavement: Width and Type: 12' AC; 24' AC; 24' PCC; 24' AC; 12' AC; 2' AC; 4' AC; 2' AC/4' Grs; 2' AC; 2' AC/4' Grs; 2' AC; 22' AC

Shoulder: Width and Type: *(Combination Shldr./Bike Route to 31.20 mi. – see arrows); 0; *10' AC; *(8' PCC); *8' AC; MILLED SHLD RUMBLE STRIP; MILLED C/L RUMBLE STRIP; 0; (8' AC); 2' AC

Median: Width and Type: 12' Painted AC; 12' Painted AC

Median Barriers:

Shoulder: Width and Type: 0; 0

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

Shoulder: Width and Type: *(Combination Shldr./Bike Route to 31.20 mi. – see arrows); *10' AC; *8' AC

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.s; 12' T.L.; 8' T.L.; 10' T.L.

(Right Side): 12' 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; 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): (P74 0030 02957); B74 0030 03005

HPMS Sections – AADT 2020: (7,500); 3,700

HPMS Sections – AADT 2019: (8,500); 4,100

HPMS Sections – AADT 2018: (8,100); 4,000

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(18) 1984 New Construction); 30.05; F-030-1(18) 1986 New Construction; 31.19; A 300-01-68 (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.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 30

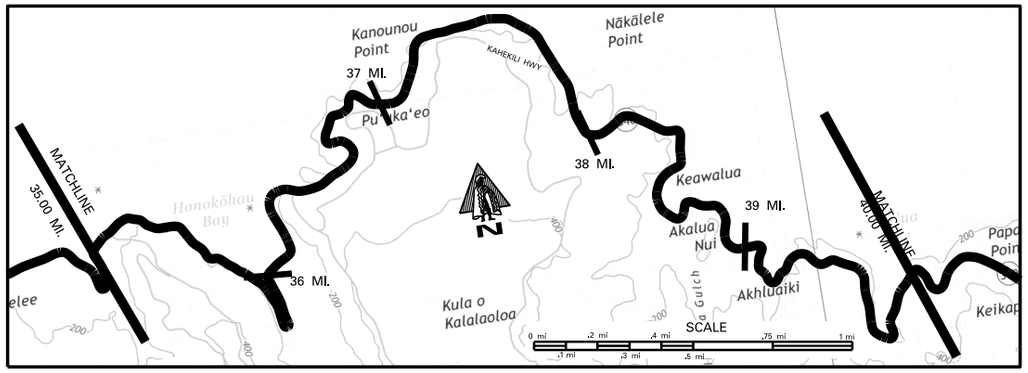
HONOAPIILANI HWY – KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 41.615 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.) — Begin 30 A at the West End of Honokohau Bridge

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Concrete Girder 1924 (1966) HS–20 — Timber Stringer 1924 H–10

Vertical Clearance: 76' — 22'

Horizontal Clearance: 26' — 13'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

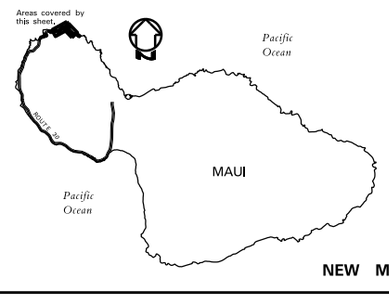
Right of Way Fence: Type – Right and Left: Chain on Wood — Wire on Wood

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

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

Project No., Type of Construction, and Year Constructed: 30A–01–16M (R) 2018 — 30A–01–12M, Resurface, 2014

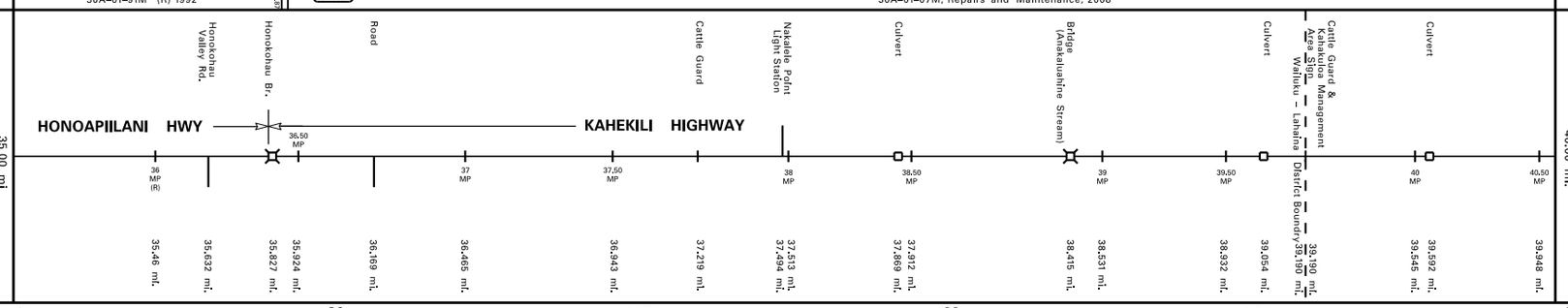
Project No., Type of Construction, and Year Constructed: 30A–01–91M (R) 1992 — 30A–01–07M, Repairs and Maintenance, 2008



Road Diagram

* MP = Milepost Signage

NEW MILEAGE = (x) + 0.2 mi



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 2' AC — 8'–10' Dirt — 2' AC — 2' AC/6' Grav. — 2' AC

Pavement: Width and Type: 22' AC

Shoulder: Width and Type: 2' AC — 2' AC/6' Dirt — 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)

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): B74 0030 03005

HPMS Sections – AADT 2020: 3,700

HPMS Sections – AADT 2019: 4,100

HPMS Sections – AADT 2018: 4,000

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

3400–01–93M (R) 1994

330C–03–70 1970

A 300–01–66 (R) 1968

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 30
KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

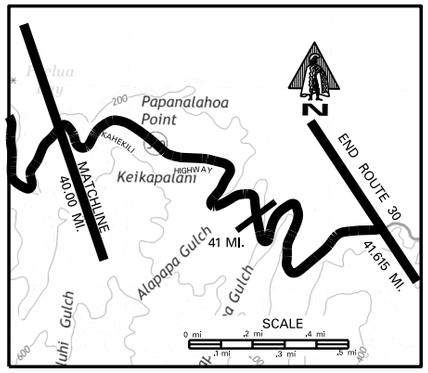
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.615 **miles**

a. Survey Length: 41.615 **miles**

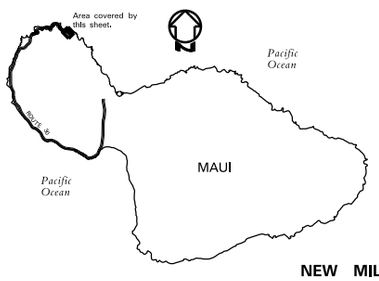
b. Proposed Length: 0.00 **miles**

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' (4.31)
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 (9209 + 50)
Project No., Type of Construction, and Year Constructed	30A-01-07M, Repairs and Maintenance, 2008 (2211 + 50)



Road Diagram
* MP = Milepost Signage

NEW MILEAGE = (x) + 0.2 mi

40.00 mi. CONTINUED FROM SHEET 8.

Culvert — 40.135 mi. — 40.579 mi. — 40.945 mi. — Bridge (Papanahoa Strm.) — 41.261 mi.

KAHEKILI HIGHWAY

41 MP — 41.50 MP

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH 2018 VIDEOLOG MILEAGE DUE TO REUNEMENT & '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
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)	A (.041 .097) — CA (.097 .129) — E (.129 .202) — AE (.202 .232) — F (.232 .267) — AC (.267 .299) — C (.299 .417) — D (.417 .615) — F (.615 .725) — E (.725 .901)
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 (.000 .010) — C (.010 .395) — B (.395 .413) — D (.413 .530) — B (.530 .618) — D (.618 .901)
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 2020	3,700
HPMS Sections - AADT 2019	4,100
HPMS Sections - AADT 2018	4,000
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.
Nov. 18	D.B.
Jan 21	E.P.J.

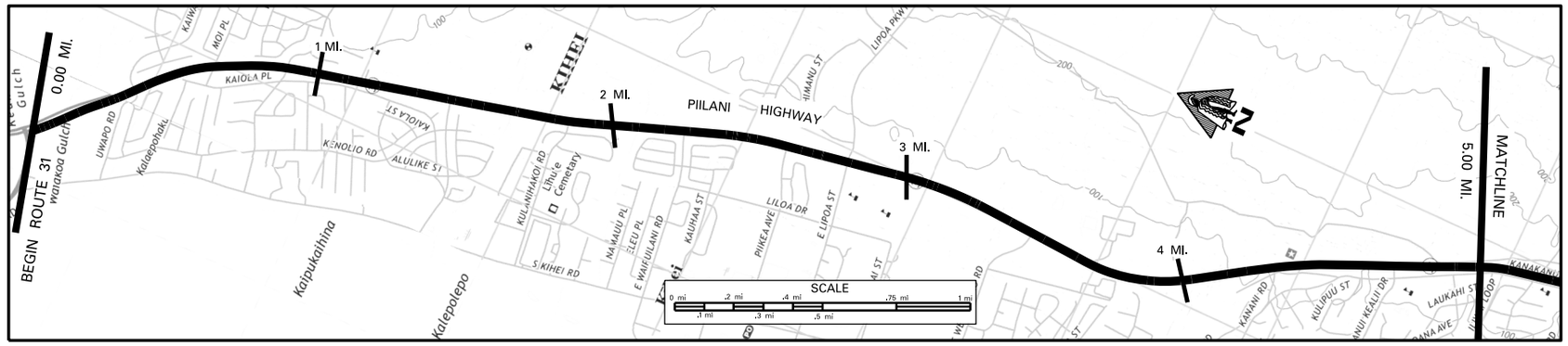
ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

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

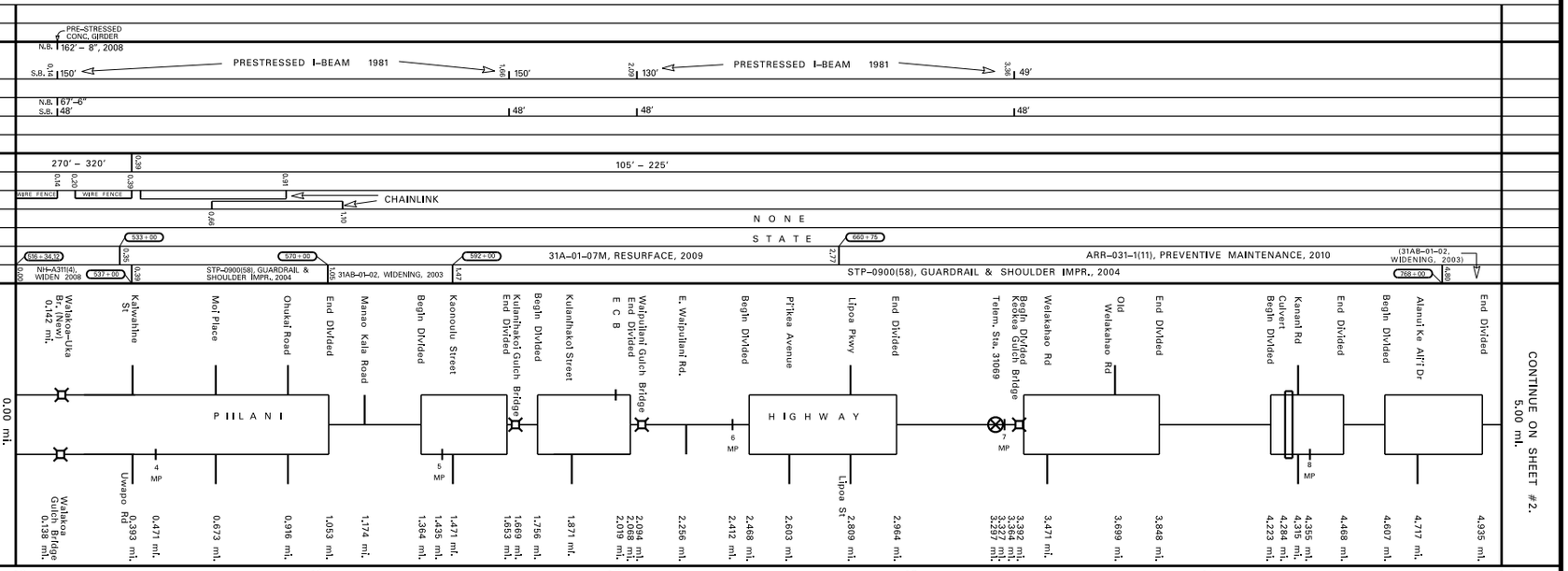
Structure Carrying Road

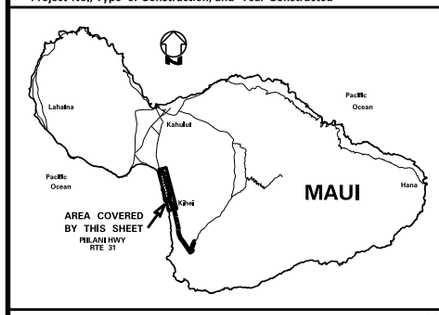
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Vertical Clearance
- Horizontal Clearance

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

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

SCALE: (In Miles) 4" = 1 mile

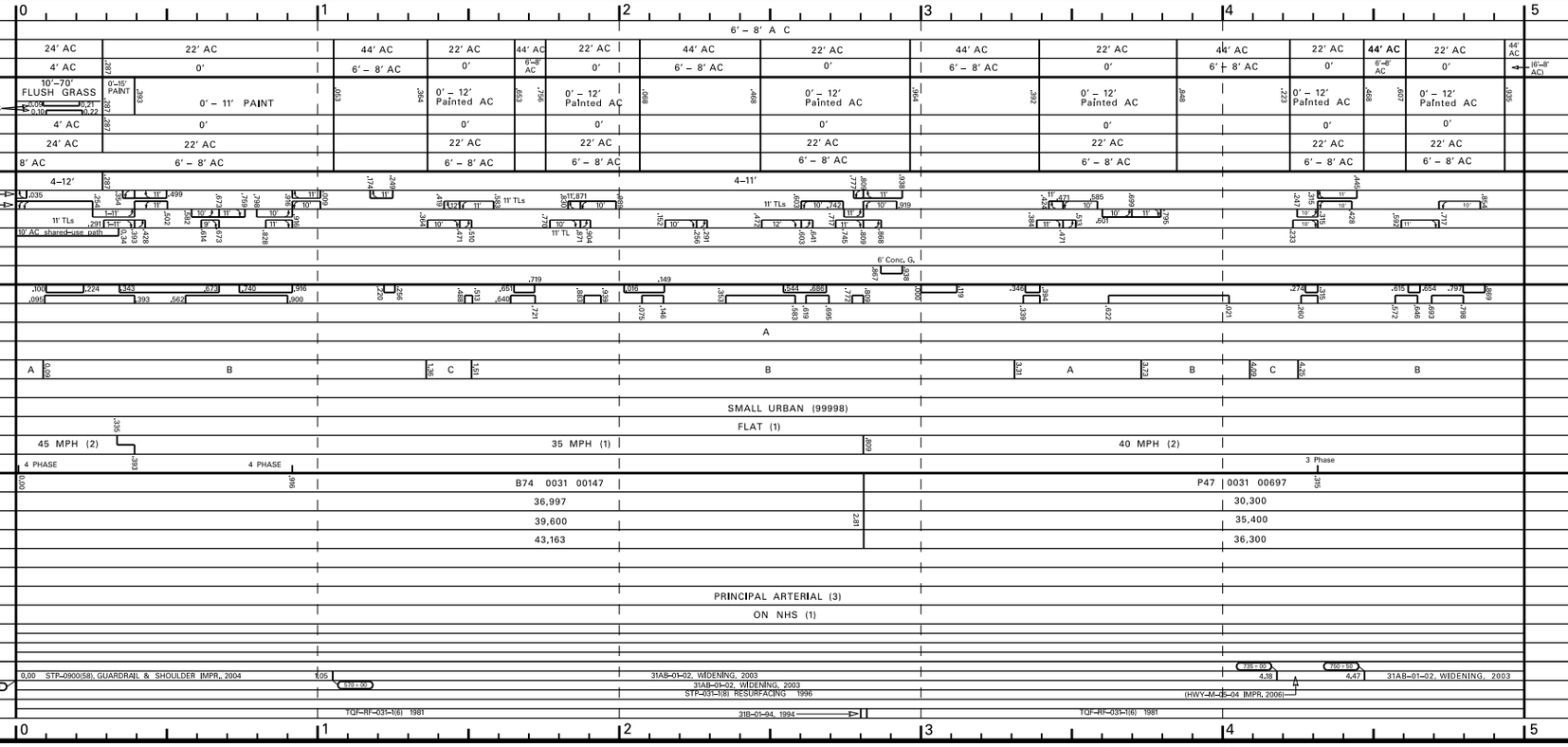
Divided Highway – Undivided

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

Divided Highway

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

- Number of Traffic Lanes
- Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
- (Right Side)
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left)
- Curb and/or Gutter: Type (Right and Left)
- Protective Devices: Type, Location and Number — All 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
- Speed: 1–Design, 2–Posted
- Intersection Control Devices: Type, Location and Cycle Timing
- Traffic Stations (Current Year)
- HPMS Sections – AADT 2020
- HPMS Sections – AADT 2019
- HPMS Sections – AADT 2018
- DOD Sections
- Census Tracts
- Functional Classification
- National Highway System (NHS)
- Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN

Revised	
Nov. 06	D.B.
Mar. 08	D.B.
Jan. 09	D.B.
Dec. 09	D.B.
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.
Nov. 18	D.B.
Jan 21	EPJ

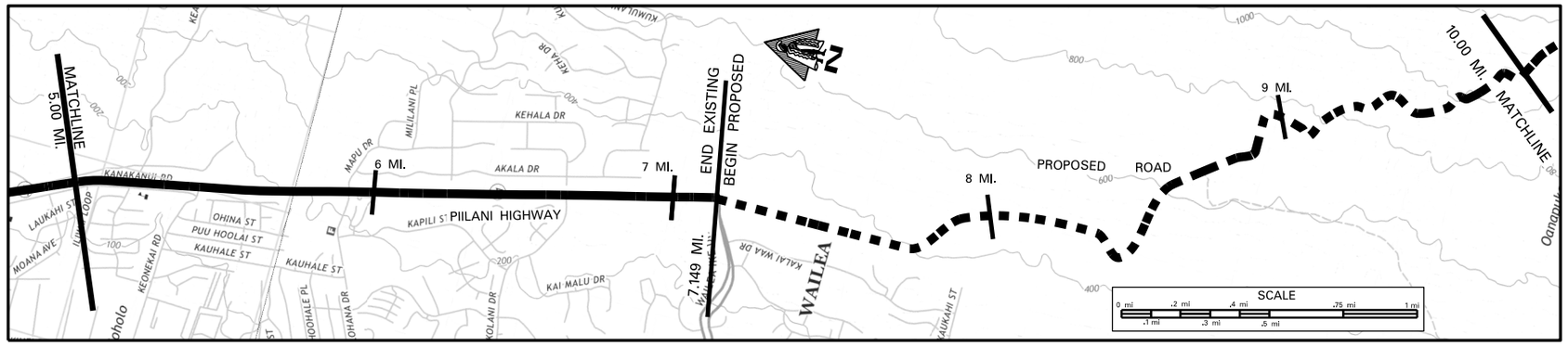
ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

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

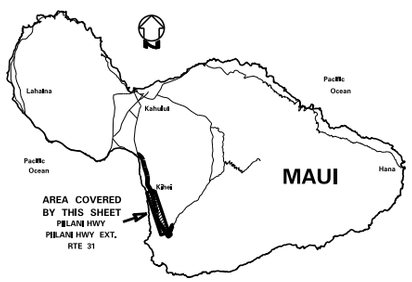


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

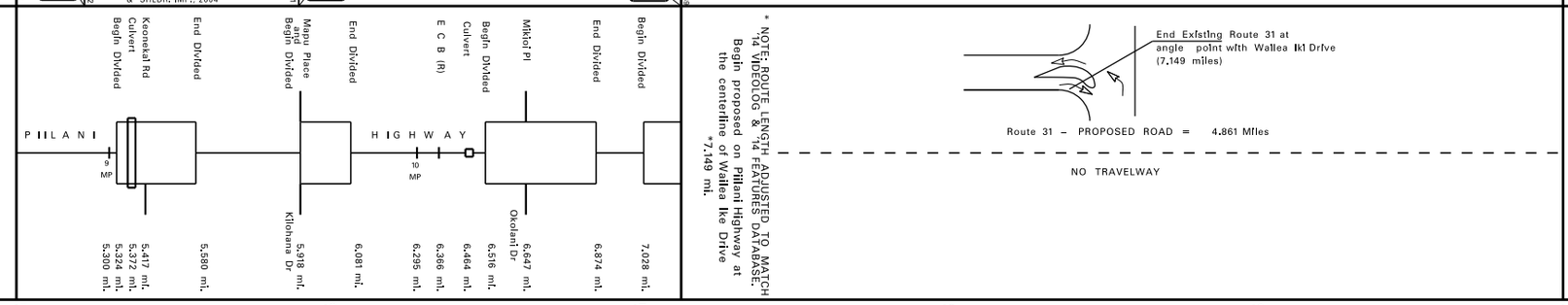
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Structure Carrying Road — Vertical Clearance
Structure Carrying Road — Horizontal Clearance
Structure Over Road — Vertical Clearance
Structure Over Road — Horizontal Clearance

Right of Way Width (min.–max.) if varies: 105' – 225' (5.91); 105' – 305'
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left: CHAINLINK (5.41, 5.65); CHAINLINK (5.92, 6.45, 6.48, 6.47, 6.49, 6.62, 6.64, 6.78, 6.89, 6.87, 7.12)
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (85+50)
Project No., Type of Construction, and Year Constructed: ARR–031–1(11), PREVENTIVE MAINTANCE, 2010
Project No., Type of Construction, and Year Constructed: (31AB–01–02, WIDENING, 2003) (790+00, 5.22); STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004 (5.91); (84+90); HWY–M–01–06M, RESURF., 2007 (150+00, 7.149)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage



* 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.

Route 31 – PROPOSED ROAD = 4.861 Miles

NO TRAVELWAY

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 6' – 8' AC; 10' AC
Pavement: Width and Type: 44' AC; 22' AC; 44' AC; 33' AC; 22' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC
Shoulder: Width and Type: 6' – 8' AC; 0'; 6'–8' AC; 0'; 10' AC; 0'; 10' AC; 0'
Divided Highway — Median: Width and Type: 0' – 12' Painted AC; 0' 14' Painted AC; 0' – 14' Painted AC; 0' – 25' Painted AC
Median Barriers: Raised Curb, Flush AC
Shoulder: Width and Type: 0'; 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'; 2 – 11'; 1 – 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): AC Curb; 6' Conc.
Curb and/or Gutter: Type (Right and Left): AC Curb; Conc. Curb
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)
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; B
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (99998); SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1)
Speed: 1–Design, 2–Posted: 40 MPH (2); 45 MPH (1); 45 MPH (2); 35 MPH (2); 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P74 0031 00697; B74 0031 00592; B74 0031 00715 (PROPOSED); B74 0031 00777 (PROPOSED)
HPMS Sections – AADT 2020: 30,300; 15,600
HPMS Sections – AADT 2019: 35,400; 17,900
HPMS Sections – AADT 2018: 36,300; 19,200
DOD Sections
Census Tracts
Functional Classification: PRINCIPLE ARTERIAL (3); PRINCIPLE ARTERIAL (3)
National Highway System (NHS): ON NHS (1); ON NHS – UNBUILT
Previous Projects: Project No., Date and Limits
790+00 STP–0900(58), GUARDRAIL & SHLDR. IMP., 2004 150+00
31AB–01–02, WIDENING, 2003
STP–031–1(8), RESURFACING 1996
TQF–RF–031–1(6) 1981
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.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

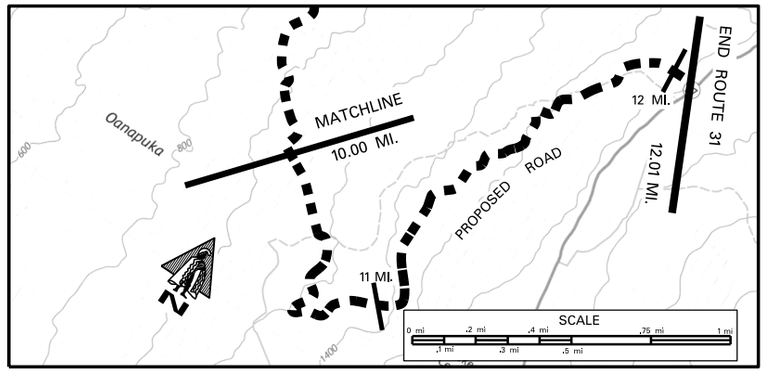
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

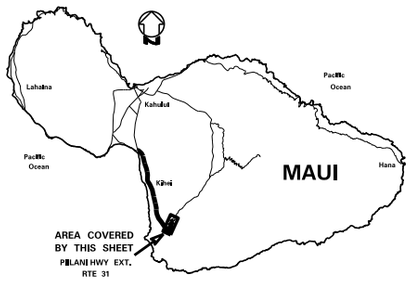
10 11 12 13 14 15

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=MileposT Signage

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

10 11 12 13 14 15

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

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves 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 2020
HPMS Sections – AADT 2019
HPMS Sections – AADT 2018
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

10 11 12 13 14 15

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

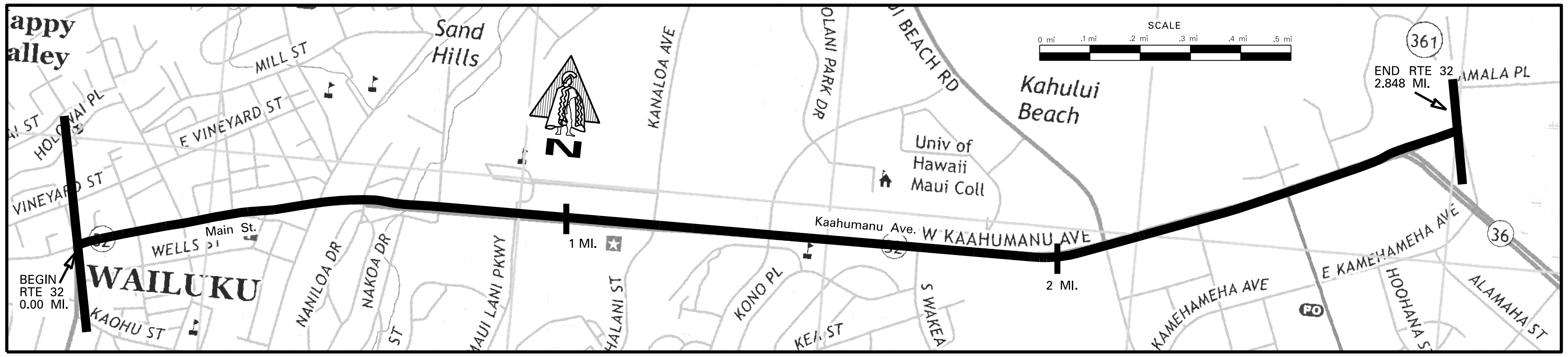
MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

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.

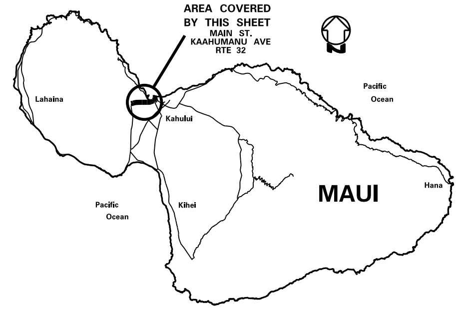
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed — Steel Multistringer 1936 H15 79' (0.51); Conc. Frame 1936 H15 (0.60)
Vertical Clearance
Horizontal Clearance — 34'

Structure Over Road

Vertical Clearance — 14' 10"
Horizontal Clearance — 45'

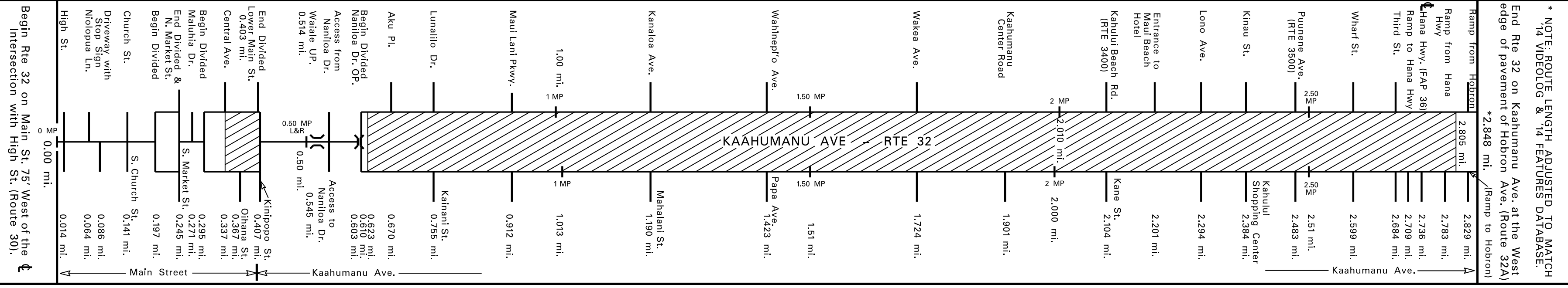
Right of Way Width (min.–max.) if varies — 50' | 0.60 | 115' – 265' | 2.03 | 125' – 160' | 2.22 | 100' – 145' | 2.69 | 80' – 100'
Available Right of Way Width (Needs Study) — Urban / Commercial | 0.76 | Bushes with Slight Cut Slope | 1.75 | Urban / Commercial
Right of Way Fence: Type – Right and Left — (Chain Link 50' from Edge of Pavement) 0.76–0.88
Control of Access: 1–None, 2–Partial, 3–Full — Partial
Jurisdiction, Transfer Phase No. and Date (C to S or S to C) — 8+06.93 | State | 4+29.26
Project No., Type of Construction, and Year Constructed — 0.01 | NH–032–1(010), Resurface, 2016
Project No., Type of Construction, and Year Constructed — STP–NH–0900(62), RESUFR., 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).

End Rte 32 on Kaahumanu Ave. at the West edge of pavement of Hobron Ave. (Route 32A) *2.848 mi.

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

Scale: 1" = 0.15 mile

Divided Highway

Undivided

Shoulder: Width and Type — 0 | (25' AC) | 8'–10' AC | 0 | 4' AC | 0 | 4'–6' AC | 6' Bike Lane | 0 | (4' AC)
Pavement: Width and Type — 26' AC | 23' AC | 12' AC | 12' AC | (23' AC) | 33' AC | 24' AC | (2' AC) | 22' AC | 33' AC | 12'–22' AC | (14' AC)
Shoulder: Width and Type — 0 | 4'–8' AC | 1' AC | 0 | 0

Median: Width and Type — Conc. Curb | 4' – 24' Grass (raised) | 4'–24' Trees & Shrubs (Raised) | 4'–24' Grs. (Raised)
Shoulder: Width and Type — 0 | (3' AC) | 0 | (2' AC) | 0
Pavement: Width and Type — 14' AC | 14' AC | 12' AC | 12' AC | 24' AC | 36' AC | 24' AC | 33' AC | 22' AC | 14' AC | 28' AC | (14' AC)
Shoulder: Width and Type — 0 | 4'–10' AC | 4'–6' AC | 6' Bike Lane | 0 | 4' AC | 0 | 1'–3' AC

Number of Traffic Lanes — 1–15' | 1–11' | 1–12' | 2–11' | 2–12' | 4–12' | 2–12' | 4–12' | 2–11' | 6–11' | 3–11' | 1–12' to 22' | (1–14')
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. | (5' AC) | 8' Conc. | 4' Conc. | 2' C. | 6' Conc. S.W. | 6' Conc. SW | 6' 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 | Stone Curb | C.C. | C.C. 2' C.G. | AC Curb | C.C. 2'G | C.C. | Conc. Curb 2' Gutter | (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) — A 0.04 B 0.06 A 0.24 B A C B 0.32 A 0.38 B 0.42 A 0.58 C 0.68 A 0.70 B 0.74 A 1.96 B 2.04 A 2.67 B C 2.72 A
Superelevation (Range) — 0.26 0.28 0.30 | 2.70
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) — 0.15 C 0.51 D 0.96 B 2.83 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) | .532–.770 | 45 MPH (2) | .968–.149 | 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — Ph. = Phase — .014 3 Ph. | .245 3 Ph. | .337 3 Ph. | .755 3 Ph. | .912 4 Ph. | .190 4 Ph. | .423 4 Ph. | .724 4 Ph. | .901 3 Ph. | .104 3 Ph. | .294 3 Ph. | .483 4 Ph. | .599 3 Ph.

	0.014–0.40	0.40–1.19	1.19–1.42	1.42–2.10	2.10–2.48	2.48–2.60	2.60–2.74	2.74–2.848
Traffic Stations (Current Year)	B74 0032 00014	B74 0032 00060	B74 0032 00119	B74 0032 00172	B74 0032 00210	B74 0032 00248	B74 0032 00260	B74 0032 00274
HPMS Sections – AADT 2020	16,100	18,400	28,700	20,300	44,200	34,600	27,700	3,100
HPMS Sections – AADT 2019	10,300	21,300	29,400	19,800	40,700	27,100	26,900	3,400
HPMS Sections – AADT 2018	11,400	26,034	31,620	30,847	49,749	37,312	32,674	3,689

DOD Sections
Census Tracts
Functional Classification — Principal Art. (Conn. Link) (3) | 0.50 | 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 — 2.60
0.61 — STP–0900(34), 1998 — 2.10 | 2.30 (32A–01–96, 1998) 2.39 | (36A–01–96M, (R), 1999) 2.70 | 2.78
0.47 — HWY–M–04–97, 1998 (R)
HWY–M–02–91M (R) 1992 — 0.51 — 27+26.98 — 32A–01–89 (R) 1991 — 2.67 — 2.77 — (32A–01–89M (R) 1991)
32A–01–83M (R) 1983 — 0.64 — DF–032–1(4) 1958 — 2.03 — 2.68 DANCR 1945
County Phase II — 0.33 — WPGM13–H, 1936 — 0.54 — WPGM13–I, 1936 — 0.68 — (F–032–(2), 1955) — 100+75.81 — 3+85.21 — 2.16 — 11+00 — F–032–1(1), 1957 — 2.68 — 38+60.33 — –3+84.06 — (DANC 8(1) 1944)

Scale: 1" = 0.15 mile

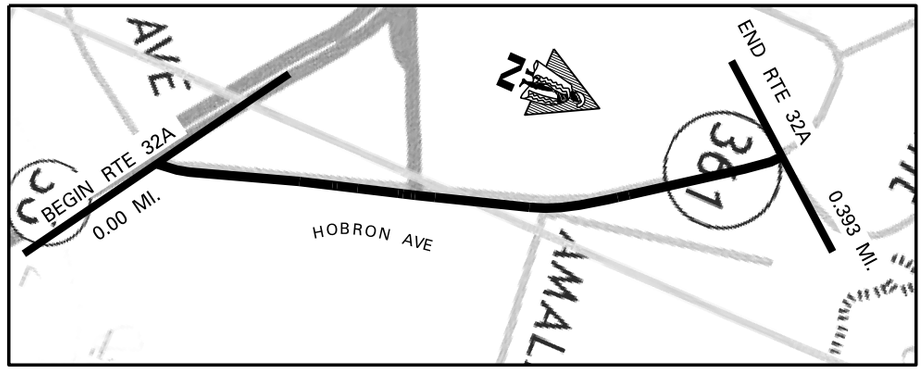
Date Released
May 2001
Revised
Nov. 06 D.B.
Dec. 06 D.B.
Feb. 11 D.B.
Feb. 12 D.B.
Feb. 13 E.P.J.
Dec. 13 E.P.J.
July 14 D.B.
Jan 16 E.P.J.
Jan 17 E.P.J.
Feb. 18 D.B.
Nov. 18 D.B.
Jan 21 E.P.J.

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

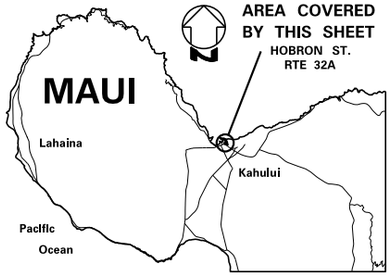
Total Route Length: 0.393 **miles**
a. Survey Length: 0.393 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: 0.00 **miles**



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	
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	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 (C-13 = 60) (0.39)
Project No., Type of Construction, and Year Constructed	HWY–M–01–05 (R) 2006 — COUNTY TO STATE
Project No., Type of Construction, and Year Constructed	(Inter. Improvement) STP–036–1(12) 2000 (0.04) HWY–M–01–91M (R) 1992



Road Diagram
* MP=Milepost Signage

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

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 PER #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
Divided Highway – Undivided: Pavement: Width and Type	22' AC (.032) 33' AC (0.15) 22' AC
Divided Highway – Undivided: Shoulder: Width and Type	0 (.041) 6' AC (0.15) 12' Grass (0.17) 10'–15' Gravel (.024) 6' AC
Divided Highway – Median: Width and Type	11' Painted AC
Divided Highway – Shoulder: Width and Type	0 (.041)
Divided Highway – Pavement: Width and Type	11' AC
Divided Highway – Shoulder: Width and Type	6' AC
Number of Traffic Lanes	2 – 11' 1 – 11' (.033) 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	(0.18) 1 – 11' (.225)
(Right Side)	(.027) (.059)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	(.047) 6' Conc. Side Walk (.220)
Curb and/or Gutter: Type (Right and Left)	AC C. (.037) (.047) Conc. Curb (.220)
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	(0.15) 1 MV (0.23) 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)	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; NOT POSTED 20 MPH (2) (.174)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	P74 032A 00000
HPMS Sections – AADT 2020	4,700
HPMS Sections – AADT 2019	5,000 (0.393)
HPMS Sections – AADT 2018	4,900
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.
Nov. 18	D.B.
Jan 21	E.P.J.

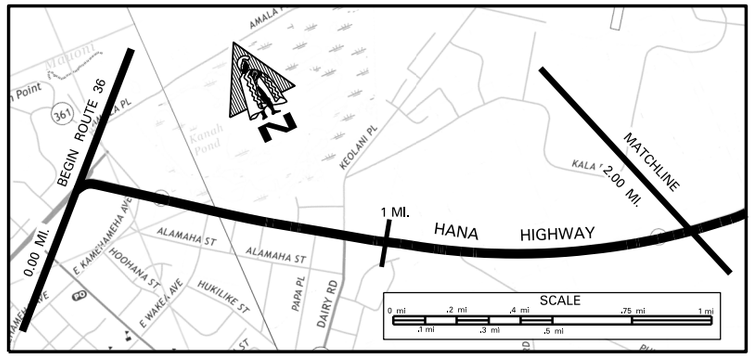
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

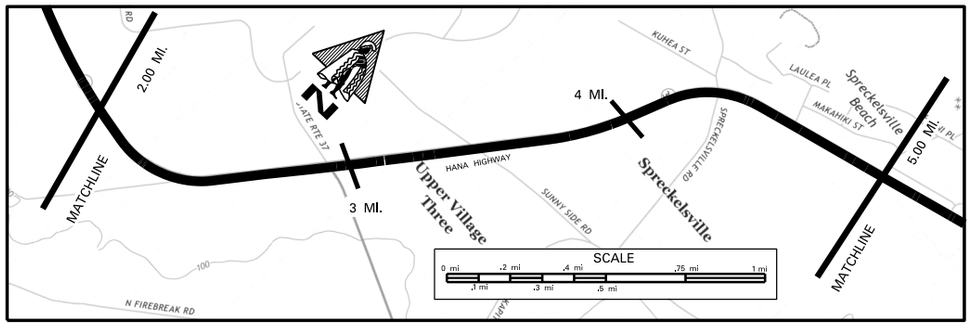
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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' (2.29); PRESTRESSED CONCRETE GIRDER 1991 HS-20-44
- Vertical Clearance
- Horizontal Clearance: 105'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

- Right of Way Width (min.-max.) if varies: 100' – 168'; 4.51 – 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): STATE (~2+40; 151+00; 2.79)
- Project No., Type of Construction, and Year Constructed: NH-036-1-(17), PREV. MAINT., 2010
- Project No., Type of Construction, and Year Constructed: 36A-01-96M (R), 1999; STP-036-1(12) Inter. Impr., 2000; 36A-01-96M (R), 1999; 43+17; 44+17; NH-036-1(16), RESURFACE, 2010; 130+00; HWY-M-02-08, IMPRV., 2010; 182+00; STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004; 208+00; HWY-M-01-15M, (R), 2018; 241+00; 36AB-01-04M, RESURFACE, 2005; 199+00; STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004

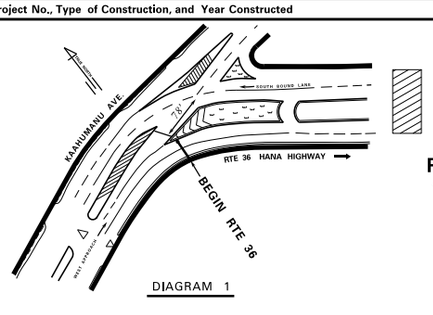


DIAGRAM 1

Road Diagram
* MP=Milepost Signage

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

(SEE DIAGRAM 1)

0.00 mi. — HOBRON ST (Rte 32A) — 0 MP — 0.031 mi.
Kamehameha Ave — 0.196 mi.
WAKEA AVENUE — 0.428 mi.
HANAMAU STREET — 0.523 mi.
SPUR — 0.539 mi.
Hanakai St — 0.614 mi.
HALEAKALA HWY (Rte 36A) — 0.721 mi.
KOLOA ST. — 0.783 mi.
PAPA PLACE — 0.875 mi.
DAIRY ROAD (Rte 3800) — 0.969 mi.
ROAD — 0.981 mi.
ECB
HANA HWY — 2.196 mi.
HOOKELE ST. — 1.449 mi.
CONC. TC & CANE HAUL RD TELEM. STA. 36016 — 1.798 mi. — 1.723 mi.
2 MP — 2.009 mi.
KAILIALINUI BR — 2.297 mi.
HANSEN ROAD — 2.374 mi.
HWY — 2.468 mi.
CULVERT — 2.650 mi.
ECB — 2.823 mi. — 2.815 mi.
HALEAKALA HWY (Rte 37) — 3 MP — 2.917 mi.
3.00 mi. — 2.99 mi.
END DIVIDED — 3.22 mi.
KALA RD. CULVERT — 3.50 MP (L&R) — 3.49 mi. — 3.434 mi. — 3.398 mi.
CANE HAUL RD — 3.795 mi.
4 MP (R) — 4.00 mi.
BEGIN DIVIDED — 4.22 mi.
ROAD (R) STABLE RD. (L) — ECB — 4.337 mi.
BEGIN DIVIDED — 4.45 mi.
END DIVIDED — 4.50 MP — 4.49 mi.
ALAKAPA PL — 4.638 mi.
END DIVIDED — 4.73 mi.
BEGIN DIVIDED — 4.83 mi.
5.00 mi.

ROUTE CONTINUES ON SHEET # 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided
- Shoulder: Width and Type: 6' AC; 10' AC; 8'–10' AC; 4' AC
- Pavement: Width and Type: 22' AC; 24' AC; 36' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 4' AC; 0'; 6' AC; 0'; 6' AC; 0'; 4' AC; 0'; 4' AC; 0'; 4' AC; 0'

Median: Width and Type
- 42' GRASS; VARIES 16'–24' GRASS; 4' CONC. MEDIAN GUTTER; VARIES 20' – 24' GRASS; VARIES 10'–20' PAINTED AC; 4' CONC. MEDIAN GUTTER; VARIES 10'–14' GRASS; VARIES 12'–20' PAINTED AC; 12' PAINTED AC; 12' PAINTED AC; 12' PAINTED AC

Divided
- Shoulder: Width and Type: 4' AC; 0'; 6' AC; 0'; 6' AC; 0'; 0'; 0'; 0'
- Pavement: Width and Type: 22' AC; 24' AC; 36' AC; 24' AC; 12' AC; 12' AC; 12' AC; 12' AC
- Shoulder: Width and Type: 6' AC; 10' AC; 5' BIKE LANE; 6' AC; 5' BIKE LANE; 8'–10' AC; 4' AC; 4' AC; 4' AC

- Number of Traffic Lanes: 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.; CONC. CURB
- Curb and/or Gutter: Type (Right and Left): 4' – 6' CONCRETE GUTTER
- Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.
- Illumination: Type, Location and Number: 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): 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): A; 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: 30 MPH (2); 45 MPH (2); 55 MPH (2); 45 MPH (2); 55 MPH (2); 35 MPH (2); 45 MPH (2); 35 MPH (2)
- Intersection Control Devices: Type, Location and Cycle Timing — ALL 4 PHASE: 3 PHASE
- Traffic Stations (Current Year): B74 0036 00019; P74 0036 00180; P74 0000 0036B
- HPMS Sections – AADT 2020: 30,500; 35,200; 18,100
- HPMS Sections – AADT 2019: 31,100; 39,000; 20,000
- HPMS Sections – AADT 2018: 29,827; 37,700; 19,200
- 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; NH-036-1(16), RESURFACE, 2010; STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004; 208+00
  - STP-0900(34) 1998; HWY-M-01-36M AREA 3 1997; AM-1061-12 (IMPROV), 1991; 36A-02-87M (R) 1988; 173+65; 36AB-01-04M, RESURFACE, 2005; 36AB-01-90M (R) 1991
  - DANC 8(1) 1945; HWY-M-01-76M (R) 1976; DANC 8(1) 1943, 1945; 36A-01-82 Inter. Impr. 1983; HWY-M-02-76M (R) 1976; 247+00; 47+44.39; 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.
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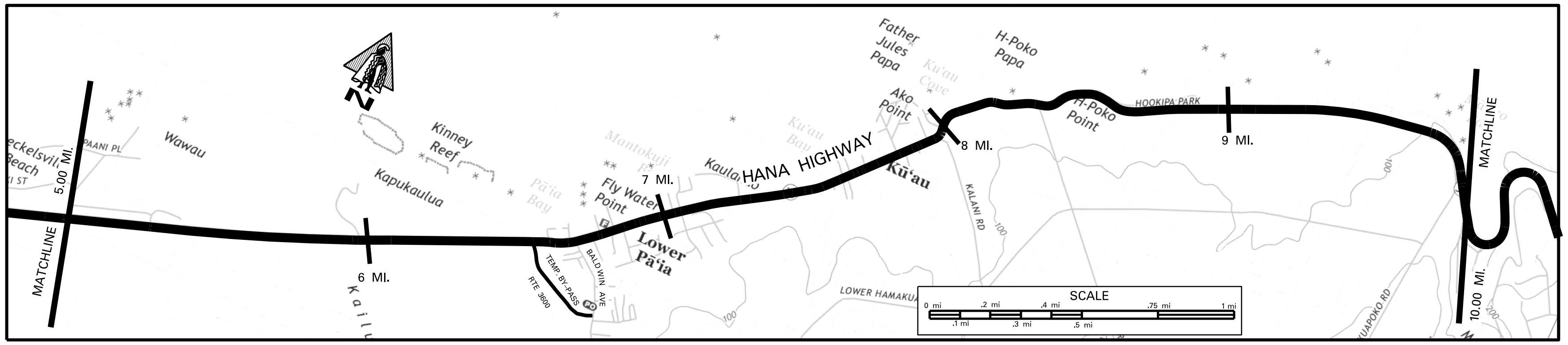
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

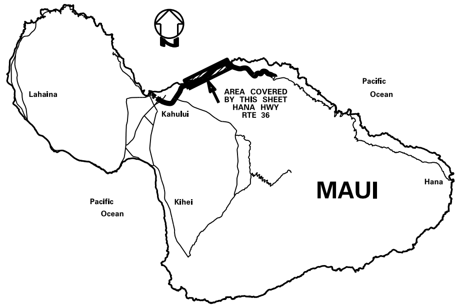
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

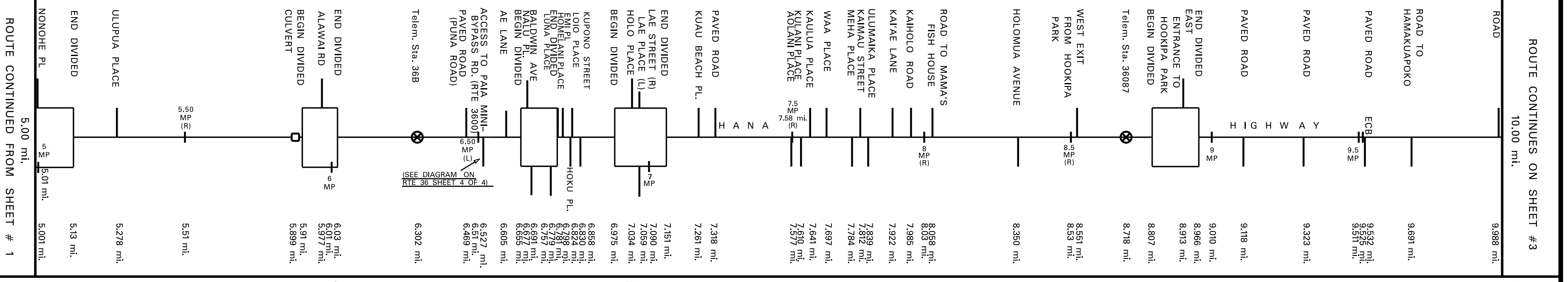


SCALE: (In Miles) 4″ = 1 mile — 5, 6, 7, 8, 9, 10

Maintenance Control Sections : Length and Description	36A (6.70 MI); 6.70 End 36A and begin 36B on Hana Hwy at the West edge of pavement of Baldwin Ave.; 36B (4.32 MI)
Structure Carrying Road — Bridges (Over 20′): Length, Type, Capacity and Year Constructed	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60′; 8.89; 80′ – 200′
Available Right of Way Width (Needs Study)	1000′ CLR – SUGAR CANE FIELD 20′ FROM PAVEMENT; 6.50; RESIDENTIAL AREA; 7.94; 1000′ CLR (R) 15′ SUGAR CANE FROM PAVEMENT / BEACH (L); 9.69; CLIFFS
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	254+00; STATE; 122+35
Project No., Type of Construction, and Year Constructed	191+00; HWY–M–01–15M, (R), 2018; 222+00; 6.46; 6.53; 10+04.82; 36AB–01–17M, RESURFACE, 2021; 8.97; 8.95; 122+35; HWY–M–14M, SIGN REPLACEMENT, 2016
Project No., Type of Construction, and Year Constructed	5.33; STP–0900(58), GUARDRAIL & SHOULDER IMPR., 2004; 5.92; 251+00; 36AB–02–04M (R) 2006; 10+28; 6.82; 6.83; 36AB–01–04M, RESURFACE, 2005; 8.61; 122+35; 8.92; 8.98; 36BC–01–10M, PREV. MAINT., 2011



Road Diagram
* MP = Milepost Signage



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

Undivided — Shoulder: Width and Type	4′ AC; .53; 4′ GRS; 0′; 6.82; 6′ AC; 6.91; 6′ GRASS; 8.44; 4′ AC; 8.61; 6′ GRASS; 8.93; 6′ AC
Undivided — Pavement: Width and Type	12′ AC; 24′ AC; 12′ AC; 24′ AC; .618; 27′ AC; 12′ AC; 24′ AC; 12′ AC; 22′ AC; 11′ AC; 22′ AC
Undivided — Shoulder: Width and Type	0′; 4′ AC; 0′; 4′ AC; .53; 4′ GRS; 0′; 6.79; 4′ AC; 6.87; 0′; 6′ GRASS; 7.90; 4′ AC; 8.06; 6′ GRASS; 8.44; 6′ AC; 8.61; 10′ GRASS; 0; 5′ – 6′ AC
Divided Highway — Median: Width and Type	12′ PAINT AC; .13; .91; 10′ PAINT AC; .03; 6.655; 10′ PAINT AC; 6.779; CLMRS; 6.975; 10′ PAINT AC; 7.151; CENTERLINE MILLED RUMBLE STRIP; 8.807; 0′ –10′ PAINTED AC; 8.966
Divided Highway — Shoulder: Width and Type	0′; 0′; 0′; 0′; 0
Divided Highway — Pavement: Width and Type	12′ AC; 12′ AC; 15′ AC; 12′ AC; 12′ AC; 11′ AC
Divided Highway — Shoulder: Width and Type	4′ AC; 4′ AC; .618; 4′ GRS; 6′ GRASS; 6′ AC
Number of Traffic Lanes	.001; 2 – 12′; 1–12′ 1–15′; .691; 2–12′; .151; 2 – 11′; 2 – 11′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.001; .13; .575; .605; .691; .714; (1–11′ (L) TL); .086
(Right Side)	.95; .977; (11′ 2–WAY (L) TL); 1–14′ (R) TL; .733; .767; .669; (1–12′ (R) TL); .975; .993; .059; .861; .913
Frontage Road: No. of Lanes, and Width (Right and Left)	.033; .453; .527; 6.62; 6′ CONC. CURB; 6.96
Sidewalk: Width and Type (Right and Left)	CONC. CURB; 4′ CONC. GUTTER
Curb and/or Gutter: Type (Right and Left)	.882; .923
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.895; .907; .524; .540; .985; .829; .012; .170; .994; .179; .323; .702; .683; .752; .897
Illumination: Type, Location and Number	6.46; MV; 6.98
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; 6.63; B; 6.71; A; 7.50; B; 7.56; A; 7.93; E; 7.99; D; 8.07; A; 8.16; D; 8.21; C; 8.26; A; 8.30; C; 8.34; D; 8.42; C; 8.73; A; 9.66; C; 9.86; A
Shoulder Lanes	(OPEN 4–6 PM, EXC. SAT, SUN, HOL.; NO TRUCKS OR BUSES); 6.03; 1–14′ SHOULDER LANE; 6.49
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)→; 5.01; A; 5.12; B; 6.03; A; 6.79; B; 6.19; A; 7.23; B; 7.35; A; 7.50; B; 8.49; A; 8.55; B; 9.53; C; 9.65; B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1); 6.78; ROLLING (2); 9.75; MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	35 MPH (2); .39; 45 MPH (2); .28; .40; 35 MPH (2); .47; 20 MPH (2); .866; .887; 30 MPH (2); .037; .011; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	.691; 3 PHASE
Traffic Stations (Current Year)	P74 0000 0036B; 6.70; B74 0036 00799; 8.36; P74 0036 00872
HPMS Sections – AADT 2020	18,100; 14,400; 13,300
HPMS Sections – AADT 2019	20,000; 12,800; 13,900
HPMS Sections – AADT 2018	19,200; 13,100; 13,300
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–01–04M, RESURFACE, 2005; 6.53
36AB–01–90M RESURFACE 1991; 228+00; 6.01 36B–02–02, SHLDR. LN., 2005; 255+00; 6.55
36AB–01–90M RESURFACE 1991; 6.53; ← 6.83 —(36AB–01–95M, 1996 (R)); 36AB–01–90M RESURFACE 1991; 8.92; STP–036–1(8) RESURFACE
36AB–01–90M (RESURF) 1991; 8.93; STP–036–1(7) 1997
36AB–01–75 (RESURF) 1975; 36B–02–79 (IMPROV) 1979 →; 8.05; 8.36; 36BC – 01 – 82M (RESURF) 1982
NRS – 17A; 6.57; WDRC 14(1) 1948; F–036–1(1) REVAMP 1961
1933; 257+00; JOB # 5213; 7.88; 8.87; F–036–1(1) 1959

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

Date Released	
Oct. 2004, G.N.	
Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Jan. 10	D.B.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

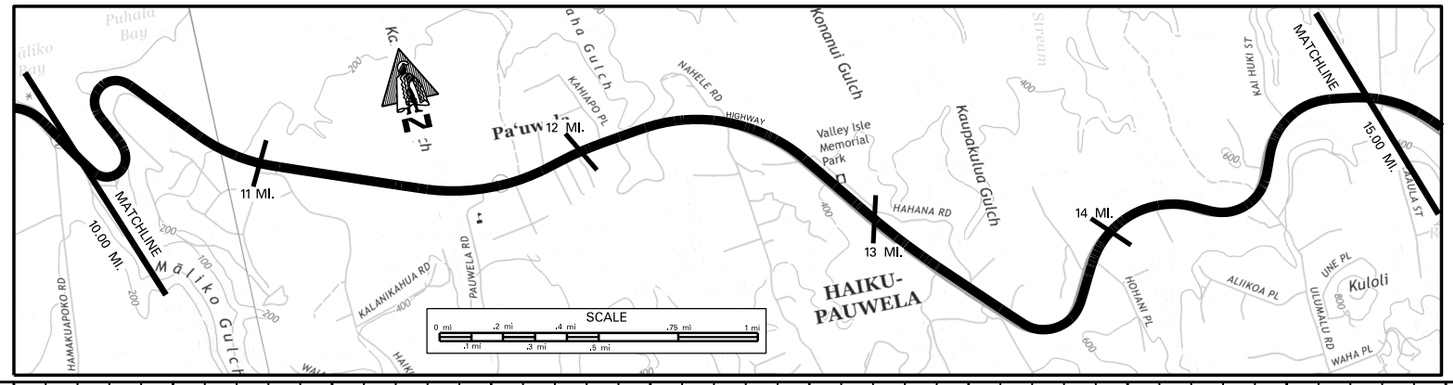
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

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: 36B (4.32 MI); End 36B, Begin 36C at the centerline, Intersection of Hana Hwy and Kakomo-Haiku Road; 36C (5.21 MI)

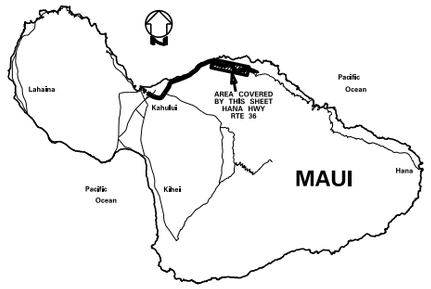
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1961 205' HS20 (10.07); PRESTRESSED CONCRETE GIRDER, HL-93, 2003 (13.39) 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'; 80' – 135' (13.95)
Available Right of Way Width (Needs Study)	CUT SLOPES; CLR 1000' PINEAPPLE 20' FROM PAVEMENT (10.70); TREES AND BUSHES (11.00); RES. AREA (11.79); TREES (12.18); CLR 1000' PINE 15' FROM PVMT (12.88); CUT SLOPES WITH PASTURES AND FARMS (13.00)
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.

MALIKO BRIDGE ROAD; HANA HIGHWAY; HAIKU ROAD; ROAD TO CEMETERY; PILI ALOHA ST. (R); GATED ACCESS TO PAUWELA CRMC (R); DIRT ROAD (L); KAHAPO PLACE; PUUKOA PLACE; AHONUI PLACE; AKAHAI PLACE; WAIKINA LOOP (R); WAIKINA LOOP; NAHELE ROAD; W. KUIAHA RD. (R); NAHELE RD. (L); VALLEY ISLE MEMORIAL PARK; E. KUIAHA ROAD DRIVEWAY (L); PEAHI RD. (R); HAHANA RD. (L); KAUPAKULUA BRIDGE; HOHANI PLACE; O'ILI ROAD; ULUMALU ROAD; KA'A HUKI ST.

ECB; MP 10, 10.5, 11, 11.5, 12, 12.5, 13, 13.5, 14, 14.5

10.161 mi., 10.135 mi., 10.074 mi., 10.008 mi., 10.522 mi., 11.009 mi., 11.002 mi., 11.523 mi., 11.622 mi., 11.693 mi., 11.753 mi., 11.798 mi., 11.821 mi., 11.895 mi., 11.920 mi., 11.974 mi., 11.994 mi., 12.002 mi., 12.127 mi., 12.232 mi., 12.272 mi., 12.475 mi., 12.587 mi., 12.912 mi., 12.988 mi., 13.258 mi., 13.435 mi., 13.493 mi., 13.626 mi., 13.871 mi., 13.912 mi., 14.023 mi., 14.53 mi., 14.61 mi., 14.76 mi.

ROUTE CONTINUE ON SHEET # 4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	6' AC; 4' – 6' AC (12.96); 10' AC (13.54); 4' – 6' AC (13.84)
Pavement: Width and Type	22' AC; 24' AC (13.54 – 13.84); 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'; 2 – 12' (13.54 – 13.84); 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	3' AC
Curb and/or Gutter: Type (Right and Left)	4' CONC. GUTTER; 3' CONC. GUTTER; 4' CONC. GUTTER; (2' CONC. GUTTER); (4' CONC. GUTTER); 3' CONC. GUTTER; 6' CONC. 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)	A (10.04); E; A (10.27); D (10.33); D (10.57); A; D (13.54); D (13.78); A (13.88); B; C (14.28); 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; D (10.41); D (10.72); C; B (11.70); D (12.00); D (12.41); C; D (12.72); D (12.89); C; B (13.38); B (13.62); A; B (13.75); B; C (14.27); C (14.37); B; A (14.54); B (14.71); B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING (2)
Speed: 1–Design, 2–Posted	35 MPH (2); 45 MPH (2); 30 MPH (2); 45 MPH (2); 30 MPH (2); 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	P74 0036 00872; B74 0036 01170; B74 0036 01586
HPMS Sections – AADT 2020	13,300; 10,800; 4,700
HPMS Sections – AADT 2019	13,900; 11,600; 4,300
HPMS Sections – AADT 2018	13,300; 10,500; 4,174
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL (4)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	STP – 036 – 1(8) RESURFACE 1998; STP-036-1(7) 1997; 36BC-01-82M 1982 RESURFACE; F-036-1(1) 1961 REVAMP; F-036-1(1) 1959; F – 32 (3) 1951, 1953; 36C-01-87M 1987 RESURFACE; F – 32 (2) 1957; F – 32 (2) 1946; STP – 0900 (39), 1996 RESURFACE; (BR-036-1(5), 2003 BRIDGE REPLACEMENT)

SCALE: (In Miles) 4" = 1 mile

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.
Nov. 18	D.B.
Jan 21	E.P.J.

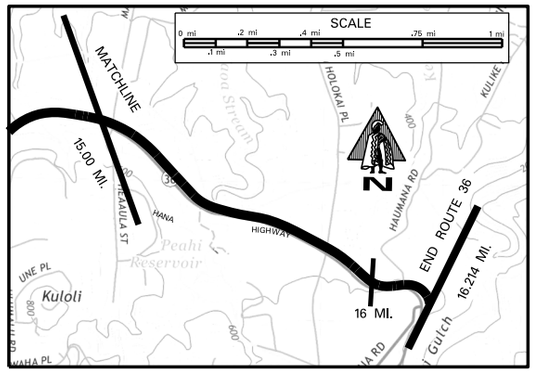
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

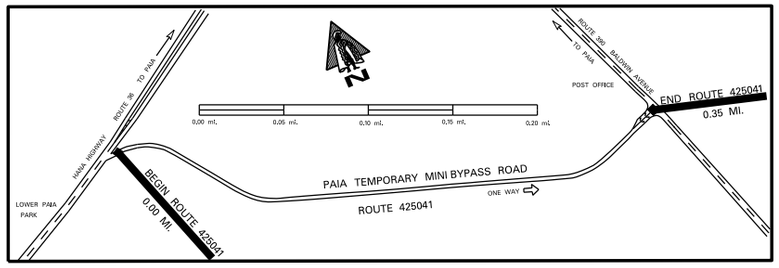
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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





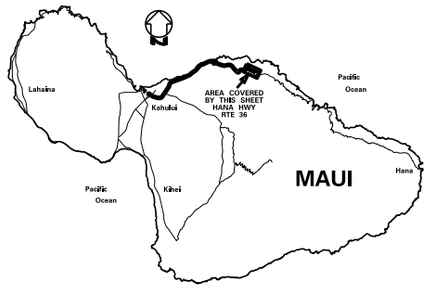
SCALE: (In Miles) 4" = 1 mile

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 — 315'
- Vertical Clearance
- Horizontal Clearance: 15.46 — 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.

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

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 | 24' AC (.429, .591) | 22' AC — NOTE: PAVEMENT WIDTHS INCLUDE TURNING LANES FROM 0.33 MI. TO 0.35 MI. — 12' AC (0.33) | 24' AC
- Shoulder: Width and Type: 4' – 6' AC — 2' AC

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

Number of Traffic Lanes: 2 – 11' | 2 – 12' (.429, .591) | 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): 12' CONC. GUTTER — .080, .094, .267, .544, .586, .595, .647, .721
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.
IllumInatIon: Type, LocatIon and Number: .092, .595, .432, .595, .586, .595
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 (.792) B (.792) A (.792) C (.792) D — E (0.00) A (0.07) D (0.12) A (0.27) 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 (15.29) 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) (.043) — FLAT (1)
Speed: 1–Design, 2–Posted: 35 MPH (2) — (NOT POSTED) — NOT POSTED (0.05) 20 MPH (2) (0.21) 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic StatIons (Current Year): B74 0036 01586
HPMS Sections – AADT 2020: 4,700
HPMS Sections – AADT 2019: 4,300 — 16.214
HPMS Sections – AADT 2018: 4,174
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) 15.05 — (0 - 00)

SCALE: (In Miles) 4" = 1 mile

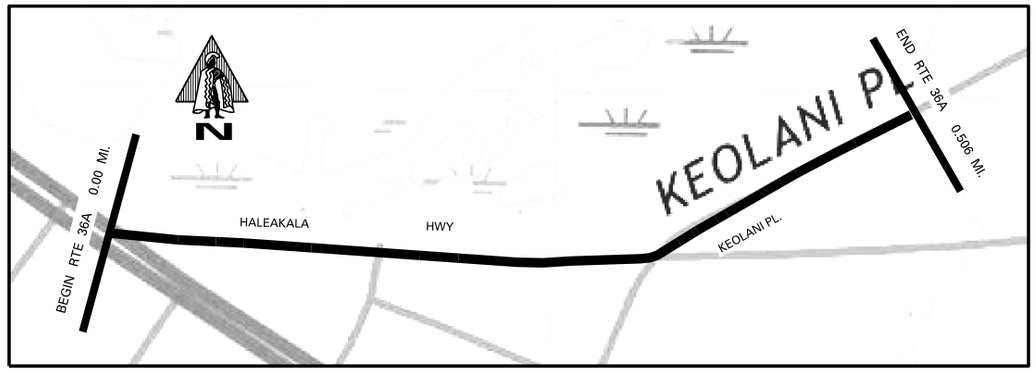
Date Released	
Oct 2004	GN
Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Mar. 09	D.B.
Jan. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 15	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

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

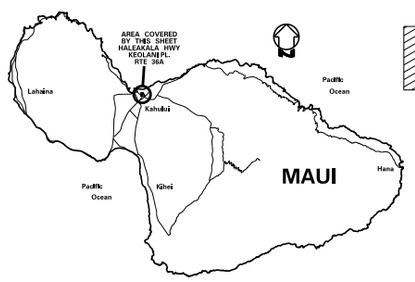
SCALE: (In Miles) 20" = 1 mile

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) — 0.0 = 95; S T A T E; 0.339 = 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; 0.30 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 — HALEAKALA HIGHWAY — DAIRY ROAD 0.319 mi. — RAMP FROM HALEAKALA HWY 0.365 mi. — KEOLANI PLACE — END DIVIDED 0.43 mi. — TELEM. STA. 36A005 0.506 mi. — *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

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 .356; 10' GRAVEL 0.49; 25' GRAVEL
- Pavement: Width and Type — 12' BP; 12' AC; 11' AC .365; 12' AC .849; 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 0.09; 12' AC .319; 22' AC .365; 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'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — .148 .19; 1–10' .319; 1–12'
(Right Side) — .08 .148 .19; 1–10' .365
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) — .050 4' Concrete Sidewalk .308; .316 6' Conc. Side Walk; .339 6' Conc. Side Walk
Curb and/or Gutter: Type (Right and Left) — .092 AC Curb .200; .316 Conc. Curb 2' Conc. Gutter; .042 Concrete Curb and Gutter .308; .339 Conc. Curb 2' Conc. Gutter
Protective Devices: Type, Location and Number — 0.09
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 — .849
Traffic Stations (Current Year) — P74 036A 00000; B74 036A 00051
HPMS Sections – AADT 2020 — 9,300; 3,000
HPMS Sections – AADT 2019 — 10,500; 6,300
HPMS Sections – AADT 2018 — 11,900; 8,500; 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) 0.34
- 0.32 HWY–M–01–76M 1976
- COUNTY 0.33 NRS–17A 1933 AND 1934

SCALE: (In Miles) 20" = 1 mile

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
Nov. 18	D.B
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

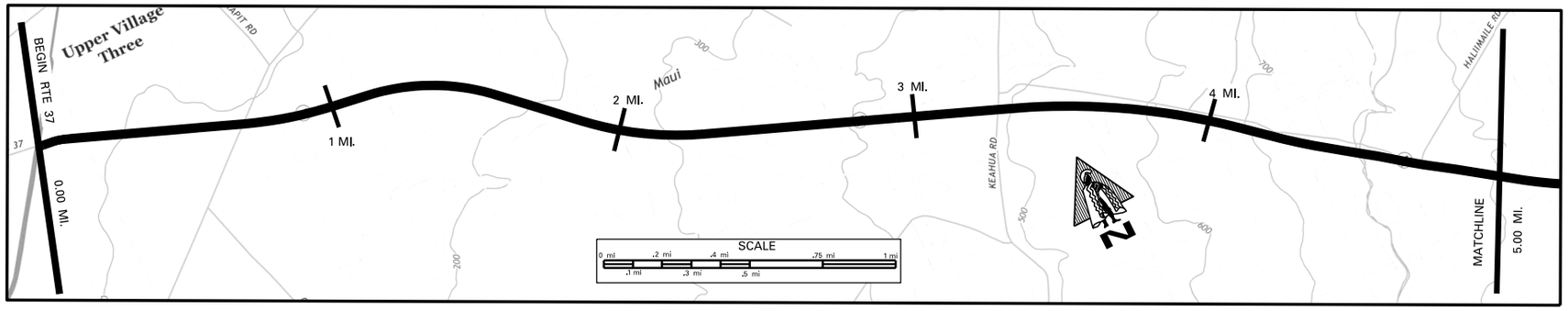
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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' (3.95) 120' – 140' (4.76) 140' – 200'

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

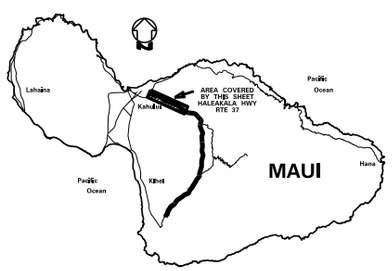
Right of Way Fence: Type – Right and Left: NONE

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

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

Project No., Type of Construction, and Year Constructed: 0 + 95 HWY-M-01-15M, RESURFACING, 2018 (0.90) 47 + 00 — NH-037-1(24), WIDENING, 2009

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

RAMP TO HANA HWY (0.00) — BLOCKED QUARRY ROAD (0.042) — NORTH FIRE & GREAK RD T.C. TELEM. STA. 37006 (0.059) — ECB (0.836) — PAVED RD (0.906) — CULVERT (1.217) — ROAD (1.624) — CULVERT (1.676) — PAVED ROAD (1.935) — CULVERT (1.980) — ROAD (2.405) — KEAHOA RD. LOWRIE BRIDGE ECB (2.466) — 500' ELEV. SIGN (2.980) — EMERGENCY ESCAPE RAMP (3.066) — ROAD (3.206) — PAVED RD (3.289) (3.257) — ROAD (3.367) — PAVED RD CONC. BRIDGE (3.632) — HALIMAILE ROAD (3.820) (4.066) (4.135) (4.484) (4.565) (4.604) (4.734)

HALEAKALA HIGHWAY

0.50 MP, 1 MP, 2 MP, 3 MP, 4 MP

RAMP FROM HANA HWY (0.00) (0.144) (0.191) (0.51) (0.606) (0.702) (0.958) (1.217) (1.624) (1.676) (1.935) (1.980) (2.405) (2.466) (2.980) (3.066) (3.206) (3.257) (3.289) (3.367) (3.632) (3.820) (4.066) (4.135) (4.484) (4.565) (4.604) (4.734)

CONTINUES ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided

- **Shoulder: Width and Type**: 6' AC – 4' GRASS
- **Pavement: Width and Type**: 12' AC (.06) — 24' AC
- **Shoulder: Width and Type**: 0' — 4' AC

Divided Highway – Median

- **Median: Width and Type**: 4'–22' PAINTED AC (.144) — 16'–28 GRASS (0.702) — 16' GRASS FLUSH (0.836) (0.906) — (0–16' PAINTED AC) — 12'–24' GRASS (Guardrail .726, .201, .515, .263, .277, .465, .632)
- **Shoulder: Width and Type**: 0' — 4' AC — 8' AC
- **Pavement: Width and Type**: 12' AC (.05) — 24' AC — 24' PCC
- **Shoulder: Width and Type**: 6' AC

Number of Traffic Lanes: 2–12' (.06, .05) — 4–12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–12' AC (.05, .36)

(Right Side): (1–12' (L) TL) (.702, .56, 12') (.143, .217, .252, .869, .935, .970) (.190, .296, .342) (.059, .253, .272) (.497, .687, .734, .801)

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: (.425, .556) CB — (.630, .728, .833, .701) — (.435, .487, .312) — (.223, .340, .213, .282) — (.486, .608, .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 (4.51) 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) (.34) — 55 MPH (2) — 45 MPH (2) (.659) — 45 MPH (2) (.923) — 55 MPH (2) (.12) — 45 MPH (2) (.597) — 45 MPH (2) — 45 MPH (2) (.056) — 55 MPH (2) (.269, .352) — 45 MPH (2) (.587, .724)

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

Traffic Stations (Current Year): P74 0037 00060 — P74 0037 00522

HPMS Sections – AADT 2020: 29,900 — 27,100

HPMS Sections – AADT 2019: 33,100 — (4.73) 30,000

HPMS Sections – AADT 2018: 32,900 — 29,700

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

- NH-037-1(24), WIDENING, 2009
- (0.04) NH-037-1(22), 2004, HALEAKALA HWY WIDENING (0.91)
- 36A-01-82 1983 INTER IMPROV. (0.05) — (0.10) 37CD-01-80M 1980 (RESURFACE) (0.68) — FAP E-5E 1933 (0.65)
- 37D-01-80 (TRUCK CLIMBING LANE) 1991 (4.76)
- (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.
Nov. 18	D.B.
Jan 21	E.P.J.

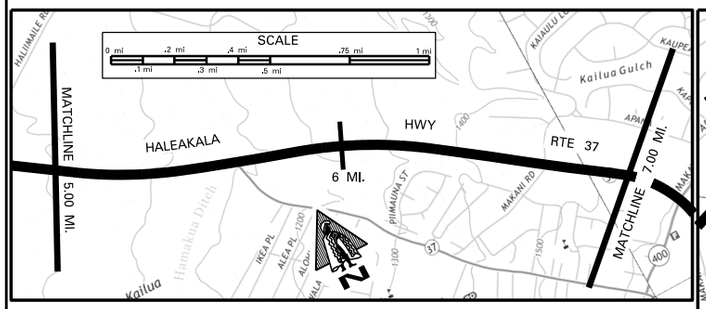
ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

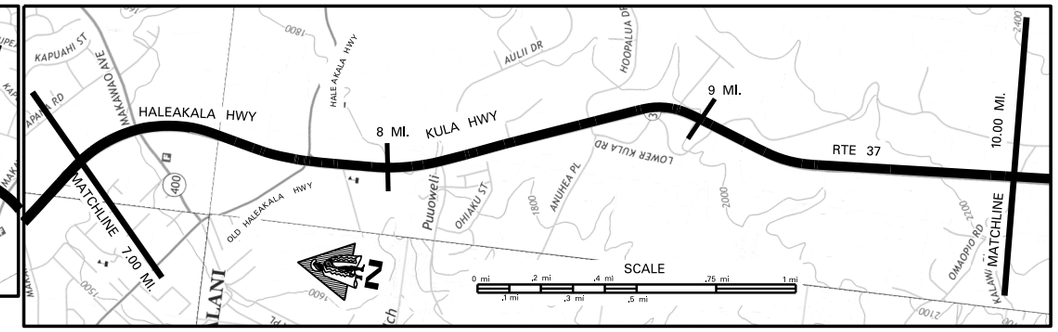
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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
- Horizontal Clearance: 24' (8.17); 28' (9.40)

Structure Over Road

- Vertical Clearance
- 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

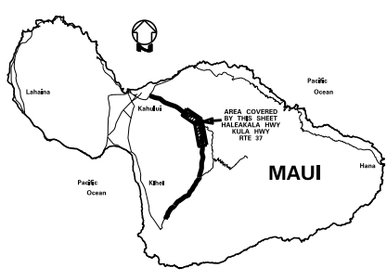
Right of Way Fence: Type – Right and Left: ALL WIRE ON WOOD

Control of Access: 1–None, 2–Partial, 3–Full: N O N E; (HWY–M–01–06M, RESURF., 2007); S T A T E; (37C–01–14, INTERSECTION IMPROVEMENTS, 2018)

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

Project No., Type of Construction, and Year Constructed: NH–037–1(24), 2009, WIDENING; 37C–01–13M, RESURFACE, 2014

Project No., Type of Construction, and Year Constructed: 37C–02–90, 1993, NEW ALIGNMENT; 37C–01–92 1993 NEW ALIGNMENT (PHASE II); STP–0900(073),(R),2015; 37CD–01–02M, REPAIR & MAINT., 2004



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 1 — CONTINUES ON SHEET #3

5.00 mi. — 10.00 mi.

ECB; ROAD; TELEM. STA. 37052; END DIVIDED; END DIVIDED; ON RAMP FROM OLD HALEAKALA HWY & BEGIN DIVIDED OLD HWY TO OLD HWY; END DIVIDED; PAVED ROAD & T.C.; HALEAKALA; BEGIN DIVIDED; BEGIN DIVIDED ROAD; MAKANI ROAD; ECB; BEGIN DIVIDED PAVED ROAD & END DIVIDED; 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 HAKAKAI 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. 5.101 mi. 5.128 mi. 5.106 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. 6.925 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.

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; 6' AC
- Pavement: Width and Type: 24' AC; 48' AC; 12' AC; 36' AC; 12' AC; 36' AC; 12' AC; 24' AC; 12' AC; 24' AC
- Shoulder: Width and Type: 4' AC; 0'; 6'–10' AC; 0'; 10' AC; 0'; 10' AC; 0'; 10' AC; 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; 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): 6' CONC. S.W.; 5'–6' CONC. S.W.; 3' Conc. S.W.

Curb and/or Gutter: Type (Right and Left): CONC. C. & G.; CONC. C. & G.; PCC CURB; C.C 2' C.G.; 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; C; D; D; E; B

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: 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): P74 0037 00522; B74 0037 00671; B74 0037 00904; B74 0037 00940

HPMS Sections – AADT 2020: 27,100; 14,300; 13,600; 8,636

HPMS Sections – AADT 2019: 30,000; 14,600; 13,300; 9,529

HPMS Sections – AADT 2018: 29,700; 14,279; 12,239; 15,000

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–01–13M, RESURFACE, 2014
(STP–037–1(23), INTERSECTION IMPR., 2007)
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
37C–02–90 1993 (NEW ALIGNMENT); (37C–01–97, 1998); 37CD–01–02M, REPAIR & MAINT., 2004
37C–02–82 INTER. IMPROV.; STP–037–1(19) 1996 (6" SHLDR & GUARD RAILS)
37C–01–81M 1981 (RESURFACE); 37C–01–88M 1988 RESURFACE
(37C–01–91 1992 RIGHT TURN LANE); 37CD–01–80M 1980 RESURFACE; BF–037–1(1) 1962
WDRC 14(1) 1942; FAP 5B 1929; (RF–037–1(14) 1970)

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.
Nov. 18	D.B.
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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
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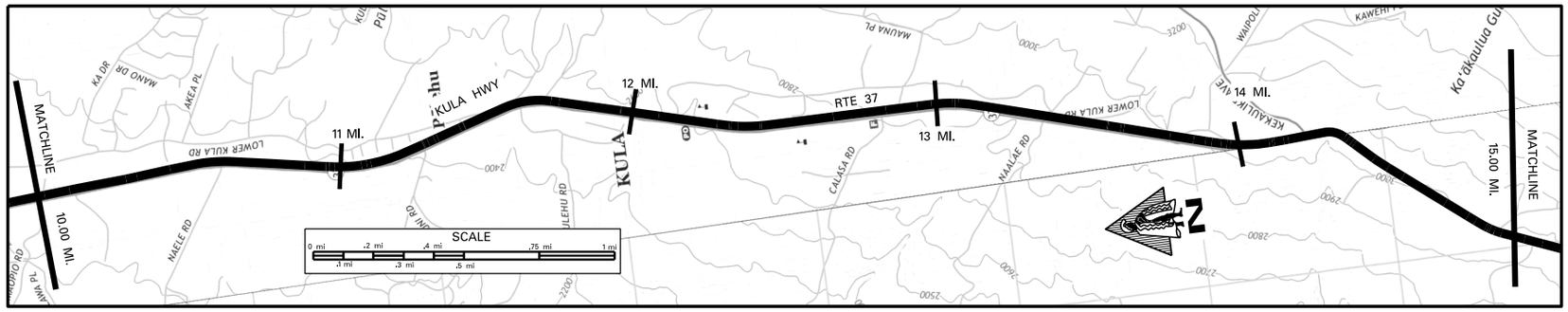


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 37C (9.25 MI)
- 14.20: 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'
- 14.33: 60'

Available Right of Way Width (Needs Study)
- PASTURE AND RANCH LANDS
- 11.99 – 12.07 – 12.18 – 12.45 – 12.75 – 13.19 – 13.28 – 13.38 – 13.50 – 13.69 – 13.90 – 14.17 – 14.20
- RESIDENTIAL

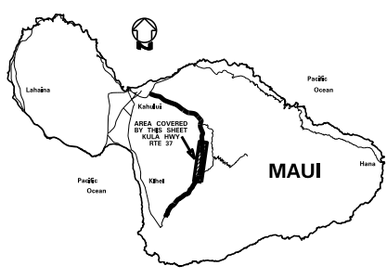
Right of Way Fence: Type – Right and Left All fences: Wire on Wood (unless indicated)
- NONE

Control of Access: 1–None, 2–Partial, 3–Full
- STATE
- 14.7 – 04.31

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

Project No., Type of Construction, and Year Constructed
- 37CD–01–02M, REPAIR & MAINT., 2004
- 14.20: 37CDE–01–07M, RESURFACE, 2010

Project No., Type of Construction, and Year Constructed



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi. — 15.00 mi.

OMAOPIO ROAD (10.006 mi.) — BEGIN DIVIDED KEONI PLACE (R) DRIVEWAY (L) (10.118 mi.) — 10.161 mi. — 10 MP — ROAD TO ENCHANTING GARDENS (10.230 mi.) — 10.308 mi. — END DIVIDED (10.399 mi.) — NAELE ROAD (10.604 mi.) — PAVED ROAD (10.825 mi.) — KULA — 11 MP — HOLOPUNI ROAD (11.281 mi., 11.259 mi., 11.247 mi.) — ECB — KE STREET (11.427 mi.) — LOWER KULA ROAD (11.624 mi.) — KAMEHAMEHA ROAD (11.755 mi.) — KEAHUAWI BRIDGE (11.889 mi.) — POST OFFICE ROAD (12.253 mi.) — LOWER KULA ROAD (12.204 mi.) — 12 MP (12.137 mi.) — KULA ELEM. SCHOOL (12.547 mi.) — KULA ELEM. SCHOOL (12.645 mi.) — CALASA ROAD (12.811 mi.) — COPP ROAD (12.911 mi.) — 13 MP — NAALAE RD.(R) MALIA LOKEPA PL.(L) (13.267 mi., 13.351 mi.) — HIGHWAY — CULVERT (13.723 mi.) — CULVERT (13.852 mi.) — CULVERT (13.965 mi.) — LOWER KULA ROAD (14.063 mi.) — 14 MP — KEKAULIKE AVE (Route 377) (14.217 mi.) — MAUOS PLACE KAPOOLI BRIDGE (14.323 mi., 14.332 mi., 14.262 mi.) — CULVERT (14.576 mi.) — 14.5 MP — POLIPOLI ROAD (14.767 mi., 14.936 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

Divided Highway
- Median: Width and Type: .161; 12' PAINT; .399
- 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)
- .364 – .385

(Right Side)
- .364 – .386

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)
- 3' Conc. S.W. .887 – .025; C.C. 2' C.G. .886 – .023; C.C. 2' C.G. .887 – .025; 2' Conc. Gutter .270

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted.
- .031 – .114 – .340 – .391 – .450 – .534 – .722 – .820 – .900 – .160 – .200 – .262 – .295 – .580 – .624 – .750 – .797 – .337 – .274 – .439 – .703 – .740 – .932 – .960 – .025 – .071 – .141 – .232 – .286 – .300 – .376 – .584 – .642 – .704 – .780 – .845 – .862 – .144 – .197 – .278 – .322 – .621 – .644

Illumination: Type, Location and Number
- .006 – .113 – .271 – .360 – .443 – .480 – .722 – .816 – .880 – .054 – .090 – .273 – .588 – .611 – .739 – .822 – .064 – .112 – .182 – .264 – .351 – .658 – .724 – .883 – .898 – .925 – .141 – .286 – .298 – .566 – .643 – .716 – .829 – .878 – .263 – .326 – .514 – .607 – .666 – .857

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; 14.28 – D – 14.37; 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)
- B; .114 – C; .128 – D; .157 – C; .179 – B; .199 – C; .217 – D; .722 – C; .789 – .93 – C; .131 – D; .566 – .585 – C; .420 – B; .433 – C; .445 – B; .480 – A; .507 – C

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:
- SMALL URBAN (99998); .277 – RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous
- ROLLING (2); .455 – .759 – .189

Speed: 1–Design, 2–Posted
- 45 MPH (2); .455 – 20 MPH (2); .759 – .796 – 45 MPH (2); .189 – .277 – 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing
- 10.00; 14.65

Traffic Stations (Current Year)
- (B74 0037 00940); B74 0037 01214; B74 0037 01335; 12.55; B74 0037 01422; 14.22; (B74 0037 01680)

HPMS Sections – AADT 2020
- (8,636); 8,900; 7,100; 6,200 (2,581)

HPMS Sections – AADT 2019
- (9,529); 8,900; 6,900; 6,000 (2,900)

HPMS Sections – AADT 2018
- (15,000); 7,431; 6,900; 5,797 (2,036)

DOD Sections

Census Tracts

Functional Classification
- MINOR ARTERIAL (4); 14.22 – MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- STP–037–1(21) RESURFACE 1999; 14.33 – STP–037–1(18) WIDEN & RESURFACE 1994
- STP–037–1(19) 1996 GUARDRAIL & SHOULDER; 14.33
- 37C–01–88M 1988 RESURFACE; 37D–01–75 1978 WIDEN & RESURFACE
- BF–037–1(1) 1962; 14.37 – 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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

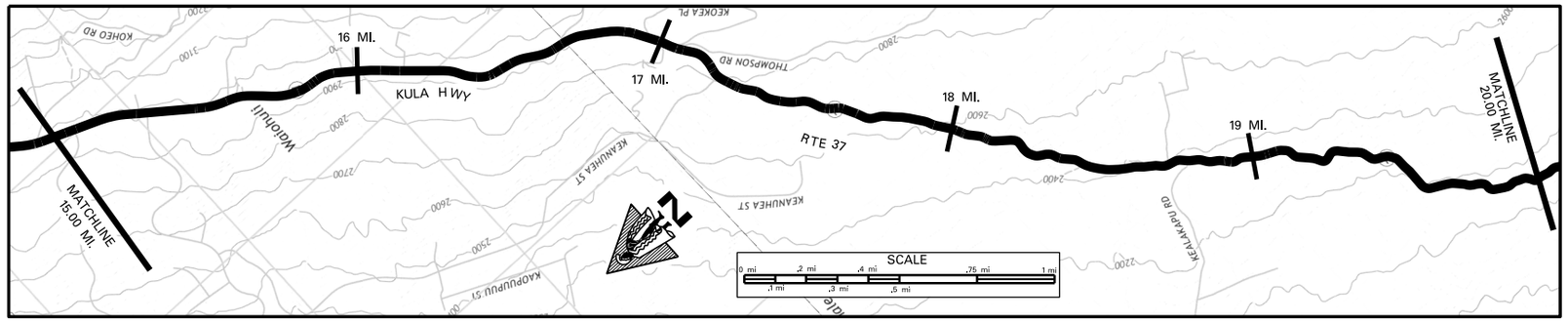
MAUI RTE 37
HALEAKALA HWY & KULA HWY

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

37D (2.77 MI)

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

Structure Carrying Road

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

RC DECK GIRDER 1933, H-15 — 23' — 25'

Vertical Clearance

Horizontal Clearance — 22' — 22'

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

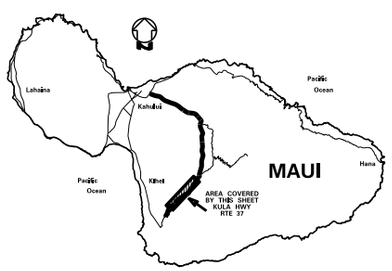
Right of Way Fence: Type – Right and Left — All fences: Wire on Wood unless indicated — STONEWALL; WIRE / WOOD AND STONEWALL

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

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

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 15.029 mi. — LAUIE DR. LEPELEPE PLACE WAIOHULI "A" BR. 15.062 mi. 15.205 mi. 15.205 mi. 15.270 mi. 15.241 mi. — MAUA ULI PL. CULVERT 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. 16.969 mi. — (ROAD TO KULA SANITORIUM) 17.000 mi. — KA'AMANA RD 17.220 mi. 17.276 mi. — 17.778 mi. — 18.261 mi. — CULVERT 18.609 mi. — KEALAKAPU ROAD KAMAOLE RD. 18.721 mi. 18.778 mi. — (DOCTOR SUN YAT SEN MEMORIAL PARK) — 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 — 17 MP — 17.5 MP — 18 MP — 18.5 MP — 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' AC; 2' AC

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 01680; B74 0037 01722

HPMS Sections – AADT 2020 — 2,581; 1,100

HPMS Sections – AADT 2019 — 2,900; 1,800

HPMS Sections – AADT 2018 — 2,036; 1,900

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

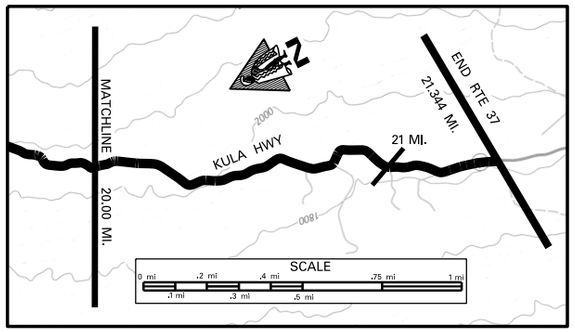
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

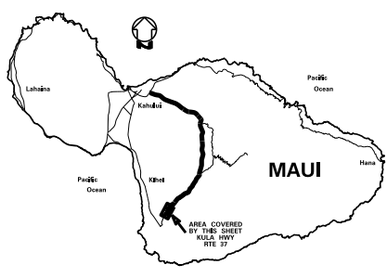
Right of Way Fence: Type – Right and Left — WIRE ON WOOD (20.88); WIRE ON WOOD

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 (21.33)



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 MP — 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 (.09)

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 (20.26); A (20.34); D (20.47); A (20.48); D (20.63); D (20.74); EB (20.76); A (20.77); EB (20.84); E (20.87); FB (20.98); E (20.99); D (21.20); ABA (21.30)

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); .272

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year) — B74 0037 01722

HPMS Sections – AADT 2020 — 1,900

HPMS Sections – AADT 2019 — 1,800 (21.344)

HPMS Sections – AADT 2018 — 1,500

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 310
NORTH KIHEI ROAD

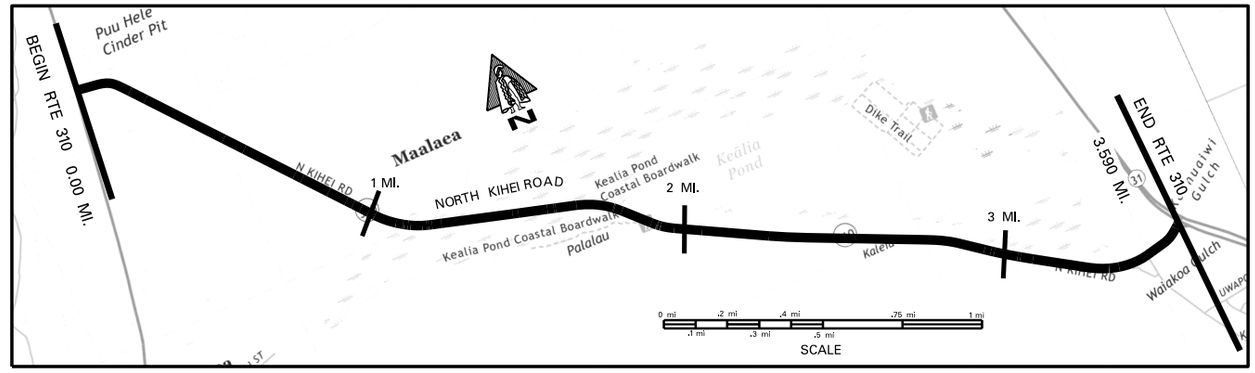
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

0.00 Begin 310A on North Kihei Road @ End Divided Hwy — 310A (0.78mi.) — 0.78 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' | 60' | 40' | 110' – 160' | 160' – 340'

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

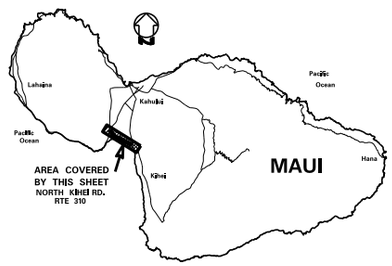
Right of Way Fence: Type – Right and Left: Wire | Wire | Wire

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: 310A–01–13M, RESURFACE, 2014

Project No., Type of Construction, and Year Constructed: STP–0310(4), PREVENTIVE MAINTENANCE, 2009; NH–A31(4) WIDEN, 2008



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

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

North Kihei Road

Feature	MP	Mile
End Divided Hwy Park & Ride Access On-Ramp		0.012 mi.
		0.080 mi.
		0.092 mi.
Paved Road		0.168 mi.
Cane Haul Road	0.50 MP	0.454 mi.
		0.469 mi.
Telem. Sta. 310008		0.733 mi.
Cane Haul Road		0.868 mi.
Road to Maui Electric Co.	1 MP	1.030 mi.
		1.036 mi.
	1.50 MP	1.555 mi.
Culvert		1.738 mi.
Road to Lookout		1.825 mi.
Road from Lookout		1.906 mi.
	2 MP	2.044 mi.
	2.50 MP	2.548 mi.
	3 MP	2.959 mi.
End Divided Begin Divided		3.078 mi.
		3.168 mi.
Begin Divided		3.332 mi.
South Kihei Road		3.446 mi.
		3.590 mi.

* 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 | 0.16 | 0.08 Milled Shoulder Rumble Strip 1.81 | 6' AC | 3.31 | 10' AC | 6' AC

Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (42' AC) | 36' AC | 24' AC | 22' AC | 12' AC | 38' AC | 12' AC | .621 .446 24' AC

Shoulder: Width and Type: 0.04 0 | 10' AC | 6' AC | 0' | 6' AC | 0'

Divided Highway

Median: Width and Type: 0'–10' Painted AC | 0.082 | 0.08 Milled Shoulder Rumble Strip / Milled Centerline Rumble Strip 1.81 | (0'–12' Painted AC) 3.078 | 3.168 | 3.332 | 0'–12' Painted AC | 12'–24' Painted AC | 3.590

Shoulder: Width and Type: 0.04 0 | 0'

Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (16' AC) | 12' AC | 12' AC | .446 12' AC | 24' AC | 12' AC

Shoulder: Width and Type: 10' AC | 0.262 | 0.15 | 6' AC | 6' AC | .512

Number of Traffic Lanes: (3–14') (1–16') | 1–12' | 1–12' | (2–12') | 2–11' | 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 | 1–12' (R) TL | 2–12' (L) TL | 0.123 | .189 | .424 | .189 | All 12' Turning Lanes

(Right Side): 0.204 | 1–12' (R) TL | 0.086 | Two–Way (L) Turning Lanes | .189 | .512 | .189 | All 12' Turning Lanes

Frontage Road: No. of Lanes, and Width (Right and Left): .363 .242 .121 .273 .182 .091 | 2–12' TL

Sidewalk: Width and Type (Right and Left): 1–12' TL | .262 .175 .087 6' Conc. S.W.

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

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.): .732 .375 .730 .835 .901

Illumination: Type, Location and Number: .038 .125 .163 | .396 .363 | 3.15 | 4 M.V. | 3.41 | 9 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): 0.00 A | 0.12 D | 0.34 A | 1.65 B | 1.90 A | 1.96 B | 1.98 A | 3.26 B | 3.47 A | 3.59 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 | 1.95 A | 3.38 B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: .839 Flat (1) .972

Speed: 1–Design, 2–Posted: 45 MPH (2) | .877 35 MPH (2) | .103 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 00085 | 1.04 B74 0310 00104

HPMS Sections – AADT 2020: 16,100 | 16,800

HPMS Sections – AADT 2019: 17,900 | 18,000

HPMS Sections – AADT 2018: 17,300 | 17,600

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] 0.09 | 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

HWY–M–02–76M (R) 1976 | 3.32 | 3.54 [TQF–RF–031–1(6), 1981 (New Construction)]

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.
Nov. 18	D.B.
Jan 21	E.P.J.

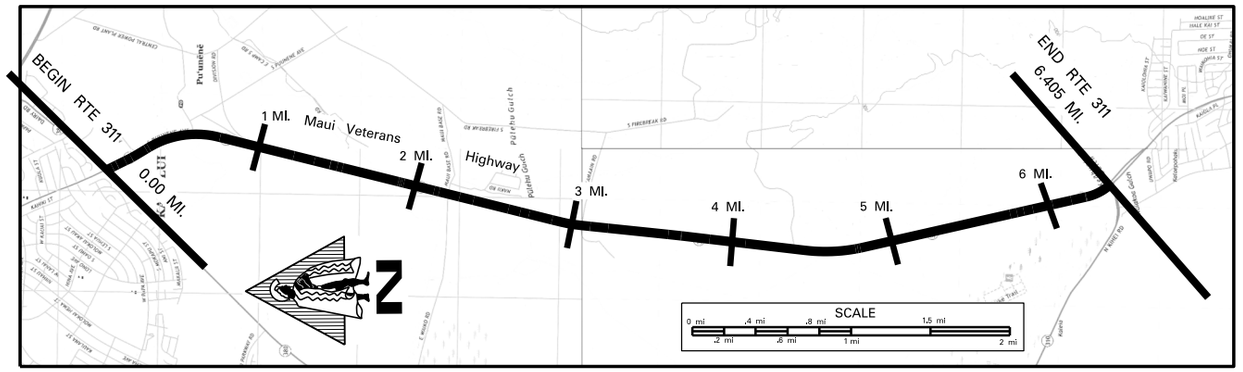
ROAD INVENTORY
MAUI RTE 311
MAUI VETERANS HIGHWAY

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

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

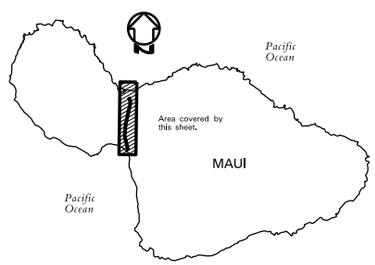
Right of Way Fence: Type – Right and Left: Chain Link ; Chain Link ; Chain Link

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (170+00) (338+43.70)

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

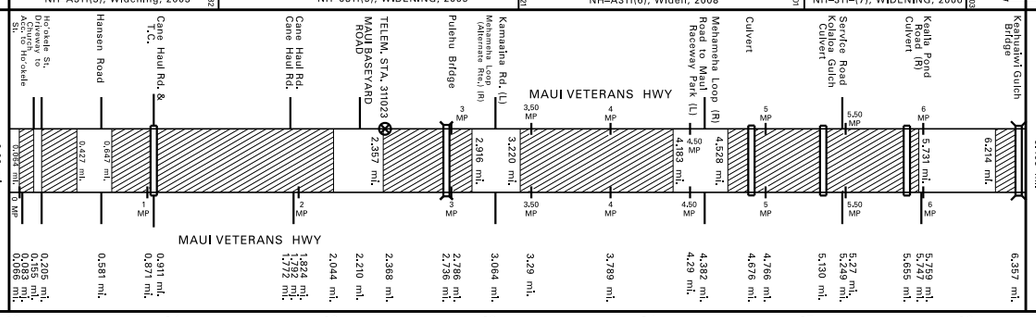
Project No., Type of Construction, and Year Constructed: NH–A311(3), Widening, 2003 ; NH–0311(5), WIDENING, 2005 ; NH–A311(6), Widen, 2008 ; NH–311–(7), WIDENING, 2006 ; (NH–A311(4), Widen, 2008)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage



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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 8' AC ; 8' AC (Milled Shoulder Rumble Strip)

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

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

Median: Width and Type: 16' Grs. ; 12' AC ; 16' Grass ; 12' Painted AC ; 16' Grass ; 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: 8' AC ; 8' AC (Milled Shoulder Rumble Strip)

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')

10' AC Bike Route ; 10' AC Shared–Use Path

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: 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 00020 ; P74 0311 00237

HPMS Sections – AADT 2020: 27,100 ; 32,000

HPMS Sections – AADT 2019: 27,900 ; 34,900

HPMS Sections – AADT 2018: 27,995 ; 34,300

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits
- NH–0311(5), WIDENING, 2005
- NH–A311(3), Widening, 2003
- 311A–01–93M, Resurf., 1993
- 311A–02–93 Imprv, 1994
- RS–0311(1), Resurf., 1986
- SOS–0900(21), 1984 Safety Imprv.
- 311A–03–93M, Resurf., 1993
- NH–311–(7), WIDENING, 2006
- County

SCALE: (In Miles) 2" = 1 mile

Date Released	
Feb 2004	D.B.

Revised	
May 04	D.B.
Sept 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.
Mar. 09	D.B.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

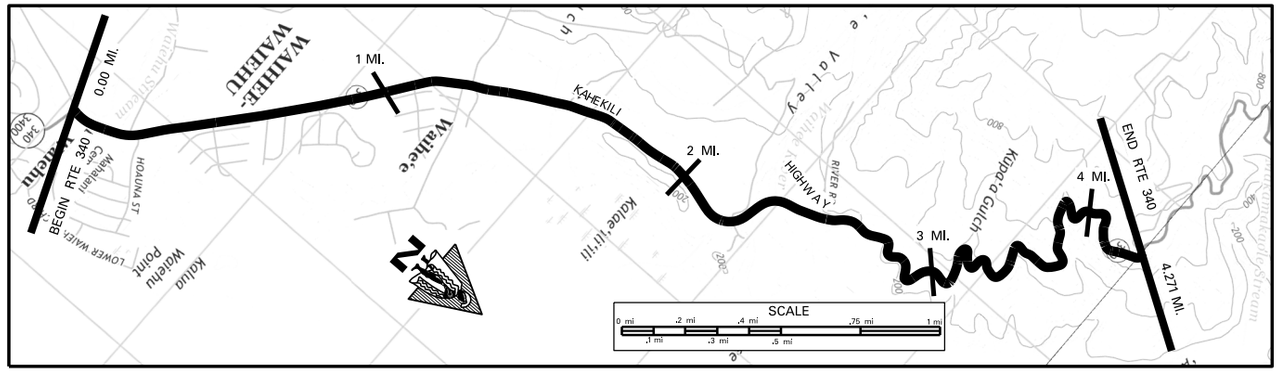
ROAD INVENTORY
MAUI RTE 340
KAHEKILI HIGHWAY

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

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) — End 340 C 320' North of North end of Waihee Bridge #2

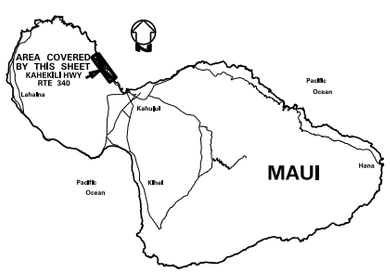
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT 1967 HS20 34' (0.92); CULVERT 10'; 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 (1.49); 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 (0.00); PERMIT MA-05-17, IMP., 2006 (0.23–0.55); PERMIT #MA-07-15, IMPRVTS., 2008 (1.36); 226+50 (4.28)
Project No., Type of Construction, and Year Constructed	340D-01-05M, RESURF., 2007



Road Diagram

* MP = Milepost Signage

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

KAHEKILI HIGHWAY

Mile	Feature
0.059 mi.	RD. TO CEMETERY
0.179 mi.	WAIEHU STR. CULVERT
0.188 mi.	HOAUNA STREET
0.215 mi.	MALAHI ROAD
0.338 mi.	BEGIN DIVIDED
0.341 mi.	
0.447 mi.	NA WAI EHA PL.
0.542 mi.	TELEM. STA. 340005
0.597 mi.	
0.621 mi.	KOHOMUA STREET
0.677 mi.	KAAKAULU PL. (R)
0.776 mi.	HO'OLA HOU ST.
0.918 mi.	CULVERT
1.078 mi.	END DIVIDED
1.149 mi.	OMILU ST.
1.260 mi.	WILIPOHAKU ST.
1.269 mi.	KUHINA ST.
1.241 mi.	HALEWAUI ROAD
1.373 mi.	
1.529 mi.	PAVED ROAD
1.518 mi.	CULVERT
1.783 mi.	UNPAVED ROAD
1.906 mi.	UNPAVED ROAD
1.978 mi.	CULVERT
2.009 mi.	UNPAVED ROAD
2.100 mi.	ECB
2.213 mi.	WAIHEE VALLEY RD
2.317 mi.	WAIHEE BRIDGE #2
2.371 mi.	PAVED ROAD
2.300 mi.	
2.417 mi.	PAVED ROAD
2.639 mi.	CULVERT
3.189 mi.	CULVERT
3.318 mi.	CULVERT
3.291 mi.	ECB
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.	CULVERT
4.271 mi.	ECB

KAHEKILI HIGHWAY; 3 MP; 4 MP; 5 MP; 6 MP; OKI PLACE

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG' & '14 FEATURES DATABASE.
END ROUTE 340 ON KAHEKILI HIGHWAY AT THE CENTERLINE ENTRANCE TO CAMP MALUHIA.
*4.271 mi.

SCALE: (In Miles) 4" = 1 mile

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 (1.13); 2' AC (1.26); 0 (1.52); 2' AC (1.99); 2' AC & 10' Grass (2.21); 2' AC (2.417); 2' – 4' AC
Undivided	Pavement: Width and Type	24' AC; 12' AC; 22' AC (1.17); 20' AC (1.643); 22' AC (1.978); 20' AC
Undivided	Shoulder: Width and Type	6' AC; 0; 8' AC (1.24); 4' AC (1.28); 2' AC (1.99); 2' AC & 10' Grass; 2' AC; 2' – 4' AC
	Median: Width and Type	0.331; 10' PAINT; (0) (1.149)
	Shoulder: Width and Type	0
	Pavement: Width and Type	12' AC
	Shoulder: Width and Type	6' AC (0.38); 0; 0

Number of Traffic Lanes	2 – 12'; 2 – 11' (1.149); 2 – 10' (1.643); 2 – 11' (1.978); 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	.186; .256; .374; .447; .492; .557; .621; .639; .677; .731; .776; .813; .918; .919; .1078
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	.353; .367; 4'–6' CONC. S.W. (.173); 4' CONC. S.W. (.153); Conc. Curb (.532); C.G. & 2' C.G. (.401); 2' CONC. GUTTER/CURB (.173); AC Curb (.437); .282; .329; 6' CONC. GUTTER (.406); .423; .656; AC Curb; .3063
Curb and/or Gutter: Type (Right and Left)	.070; 6' CONC. GUTTERS
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.895; .945; .397; .511; .527; .796; .300; .382; .627; .653
Illumination: Type, Location and Number	.041; .056; .098; .118; 7 MV (.494); .521; 1.62; 1 MV (.783; .806; .838; .1.97; 2.09; 2.26; 2.63; 3.26; 3.29; 3.51; 3.65; 3.86; 4.04; 4.08; 4.23
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 (0.00); A (0.11); 0.24; 0.15; AB (0.28); A (1.13); C (1.24); A (1.34); B (1.48); A (1.67); 1.73; A (2.01); C (2.09); A (2.31); D (2.63); BAB (2.79); D (2.77; 2.81; 2.84); E (3.15); F (3.33); E (3.45); AF (3.49); E (3.86); F (4.00; 4.08; 4.18; 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 (2.35; B (2.53; D
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998) (.377); RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING (2) (0.28); FLAT (1) (1.94); ROLLING (2) (2.42); MOUNTAINOUS (3)
Speed: 1–Design, 2–Posted	30 MPH (2); 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	(2.42); N/A
Traffic Stations (Current Year)	B74 0340 00055; B74 0340 00221
HPMS Sections – AADT 2020	6,700; 1,100
HPMS Sections – AADT 2019	6,800; 1,100
HPMS Sections – AADT 2018	6,800; 1,300
DOD Sections	(2.21)
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	
	← (3400B-01-97M, RESURFACE, 1998) (0.26); 340D-01-93M, RESURFACE, 1994
	S-0341(3) (0.21); COUNTY; S-0330(2) (1.99); (2.42); COUNTY
	1966; 1967

SCALE: (In Miles) 4" = 1 mile

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.
Nov. 18	D.B.
Jan 21	E.P.J.

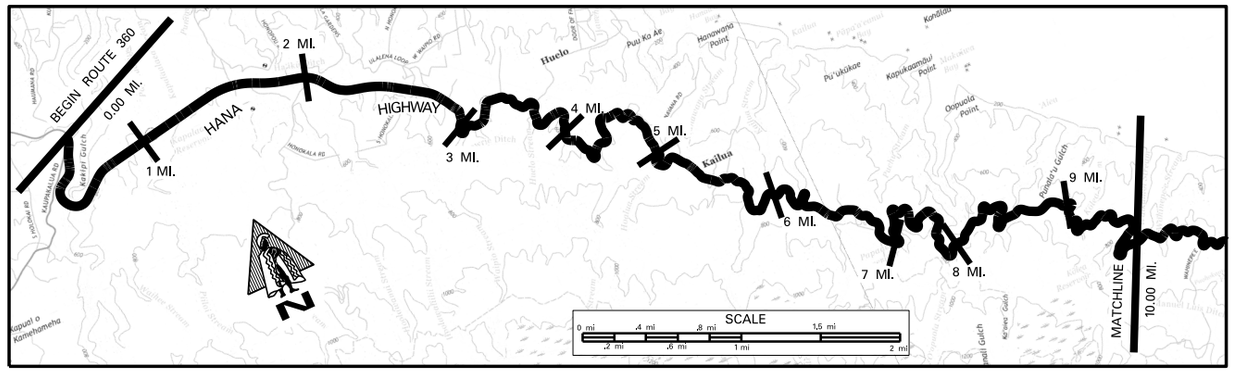
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

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 — 33'
- Steel Multistringer 1941 HS 20 — 210'
- Tee Beam 1929 — 49'
- Tee Beam 1929 – H15 — 40'
- Tee Beam 1930 – H15 — 64'
- Tee Beam 1925, H15 — 30'
- Slab 1928, H15 — 18'
- Tee Beam 1928, H10 — 22'
- Slab 1911, H15 — 41'

Vertical Clearance: 0.45, 2.14, 5.09, 5.86, 6.22, 7.84, 8.24, 8.57, 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'; 0.76; 80'–160'; 2.79; 50'–135'; 4.82; 50'; 5.87; 40'

Available Right of Way Width (Needs Study): Cliffs / Pasture Area; Res. Area 5.05; Bushes & Trees

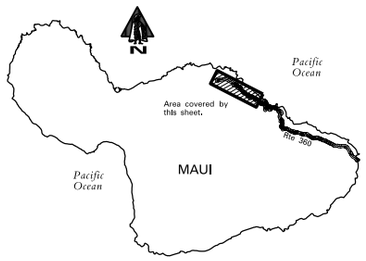
Right of Way Fence: Type – Right and Left (W/W = Wire on Wood): Wire 2.71–2.89; W/W 3.35–3.58; W/W 4.70–4.90; W/W 5.88–6.13; W/W 6.42–6.77; W/W 8.30–8.44; W/W 8.73–8.95; W/W 9.04–9.44; W/W 9.65

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; 7+00; 28+50

Project No., Type of Construction, and Year Constructed: 36C–01–15M, Resurface, 2016; 360A–01–10M, 2013 (Resurfacing); 9.75

Project No., Type of Construction, and Year Constructed: HWY–M–01–14M, SIGN REPLACEMENT, 2016; 360A–01–94M, 1995 (Resurfacing & Improvements); (360A–02–05M, (R), 2007); 19.43



Road Diagram
* MP = Milepost Signage

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

HANA HIGHWAY — 0.00 mi. to 10.00 mi.

Culvert; Gated Driveway; Gated Driveway; Honopou Rd.; Ulaiena Ln.; Hoolawa Br. ECB(R) Lupi Rd.; Ulaiena Loop 2.638 mi.; E. Waipio Rd.; Door Of Faith Rd. (Public Telephone(L)); Culvert; Hoalua Bridge; Puuomaile Pl. Culvert; Puuomaile Rd.; Public Telephone(L) Driveway; Kailua Bridge; Nalliihaele Br.; PA Culvert; ECB(L); Oopuola Br.; Makanali Br.; Kaaha Br.; Koiea Culvert; Koiea Culvert; Waikamoi Br. Trail (R); Waikamoi Br. ECB(L)

MP: 0, 1, 2, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 10

0.041 mi., 0.028 mi., 0.461 mi., 0.695 mi., 1.017 mi., 1.439 mi., 1.675 mi., 1.899 mi., 2.138 mi., 2.115 mi., 2.077 mi., 2.219 mi., 2.638 mi., Hanokala 2.632 mi., 3.002 mi., 3.382 mi., 3.557 mi., 3.599 mi., 3.947 mi., 4.253 mi., 4.445 mi., 4.931 mi., 5.064 mi., 5.428 mi., 5.447 mi., 5.494 mi., 5.689 mi., 5.695 mi., 5.932 mi., 5.981 mi., 6.201 mi., 6.440 mi., 6.900 mi., 7.032 mi., 7.364 mi., 7.700 mi., 7.913 mi., 7.876 mi., 8.213 mi., 8.399 mi., 8.545 mi., 8.899 mi., 9.132 mi., 9.239 mi., 9.447 mi., 9.883 mi., 9.828 mi.

CONTINUED ON SHEET #2.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

Shoulder: Width and Type: 6'–8' AC; 2' AC; 2'–4' Grs.; 0; 2'–4' Grs.; 0–2' Grass; 2'–4' Grs.; 0–2' Grass

Pavement: Width and Type: 22' AC; 18'–24' AC; 16'–22' AC

Shoulder: Width and Type: 4'–6' AC; 6'–14' AC; 4'–6' AC; 2'–4' AC; 0–2' Grass

Median: Width and Type: Milled Centerline Rumble Strip

Median Barriers:

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2–11'; 2–(9'–12'); 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): Concrete Barrier; Masonry Wall

Curb and/or Gutter: Type (Right and Left): Concrete; (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 01049

HPMS Sections – AADT 2020: 3,100; 1,483

HPMS Sections – AADT 2019: 3,156; 1,865

HPMS Sections – AADT 2018: 3,100; 1,832

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
- STP–0900(39), (R) 1996
- 360A–01–86M, (R) 1986
- 360A–01–80, (Imprv) 1981
- 360A–01–80, 1981
- 360A–01–82, 1983 (Imprv.) & 360A–01–83M, 1983 (Resurfacing)
- 360A–01–94M, 1995 (Resurfacing & Improvements)
- S–0360 (4), 1963; S–0360(3), 1963; S–32 (2), 1946, 1957; (Job #5839, 1954); C–360–01–63, 1967; County; A–360–01–62, 1962; (360A8–01–00M, 2002, Repairs & Maintenance)

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 2003	D.B.
Revised	
Sept. 04	D.B.
Nov., 06	D.B.
Dec. 09	D.B.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

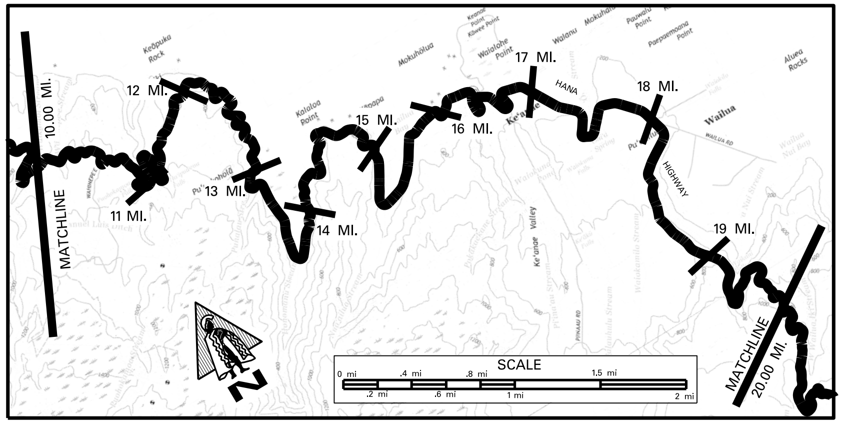
ROAD INVENTORY

MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

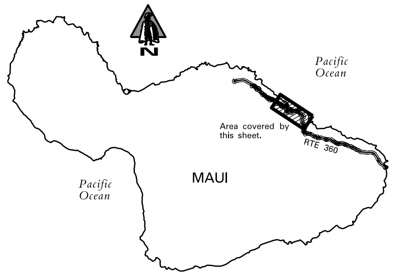
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

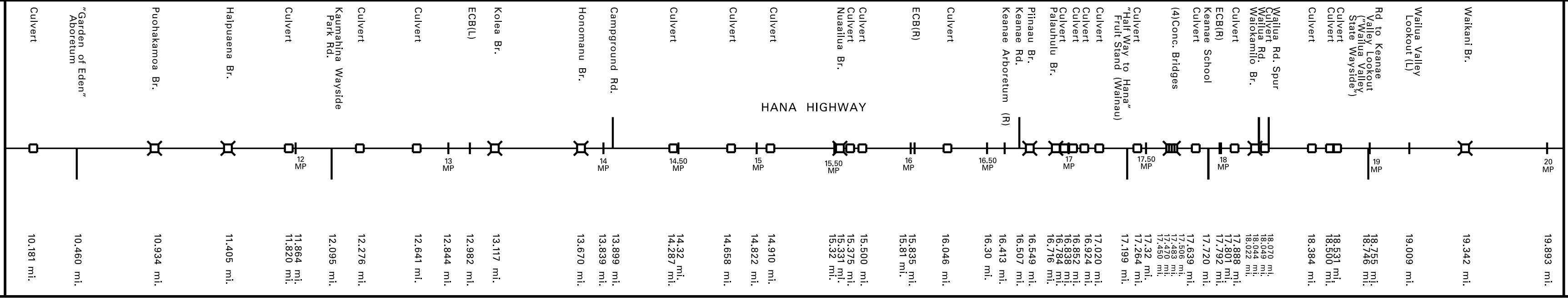
	10–20
Maintenance Control Sections : Length and Description	360 A (12.20 mi.); End 360A & Begin 360B on Hana Hwy at the Southeast End of Waiokamilo St. Bridge.; 360 B (16.57 mi.)
Bridges (Over 20'): Length, Type, Capacity and Year Constructed	10.97 Tee Beam 1912, H15 56'; 11.44 Tee Beam 1912, H15 34'; 13.16 Tee Beam 1911, H15 34'; 13.71 Tee Beam 1911, H15 48'; 15.39 Tee Beam 1911, H15 35'; 16.60 Tee Beam 1916, H15 28'; 16.77 Tee Beam 1916, H15 31'; 18.07 Tee Beam 1921, H15 24'; 18.93 Cantilevered Conc. Deck 2006, HL-93 100'; 19.39 Conc. Masonry Arch 1926, H15 108'
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	15'; 12'; 12'; 12'; 21'; 19'; 20'; 22'; 22'; 17'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	(40'–115') 14.19–14.31; 40'
Available Right of Way Width (Needs Study)	Bushes & Trees; 16.90 Res. Area 17.29 Heavy Brush & Trees; Res. Area 18.04; Heavy Brush, Trees & Steep Cliffs
Right of Way Fence: Type – Right and Left	10.29 Wire 10.73; 11.07 11.20 (ROCKFALL PROTECTION); 16.95 17.11 17.18 17.32 17.73
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State; 4+40; 881+50; (360AB-02-03M Roadway Deck, 2006)
Project No., Type of Construction, and Year Constructed	11.02 (360AB-01-09, Improvements (M.P.s 11.2, 14.7 to 14.9, 16.3), 2016); 13.87 13.93 13.98 360AB-01-11M (R) 2016; (360B-01-93M (R) 1994); (360B-01-12M (R) 2016); (360B-01-95M (R) 1997); 19.46
Project No., Type of Construction, and Year Constructed	360A-02-05M, RESURF., 2007; 589+00; 14.08 (360AB-01-00M (Repairs & Maintenance) 2002); 360AB-01-98M (R) 1999; (360AB-01-88 (Resurf & Improv.) 1990) 18.61; 18.74; 18.93; 18.95; 19.38



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #1.



CONTINUED ON SHEET #3.

SCALE: (In Miles) 2" = 1 mile

	10–20
Undivided – Shoulder: Width and Type	0-2' Grass; 16.93 2' AC 17.22 2' Grs. 17.41 0 17.76 2'-4' Grs. 18.18; 0-2' Grass
Undivided – Pavement: Width and Type	16'-22' AC
Undivided – Shoulder: Width and Type	0-2' Grass; 14.19 2' AC 14.31; 0-2' Grass; 15.81 15' Grv. 16.08; 0-2' Grass; 16.92 2'-4' Grs. 17.30; 0-2' Grass
Divided Highway – Median: Width and Type	
Median Barriers:	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – 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)	Masonry Wall
Curb and/or Gutter: Type (Right and Left)	(3' Conc. Gutter) .130–.229; Masonry Wall; 2' Gutter .475; (1' Conc. Gutter) .978
Protective Devices: Type, Location and Number — Metal Rails on Metal Posts Unless Otherwise Noted.	.066; .576 .626; .706; .929 .960 Concrete Barrier; .122; .211 .257 .279 .302 .337; .366 .425 Masonry Wall .799; .110; .633 .651; .990 .025; .146; .344 .364; .508; Masonry Wall; .700 .764 .776 .793 .808 .818; .915; .130 .229; .555 .605 Masonry Wall; .659; .770 .823 .847 .861 .874; .922 .977; .048; .138 .172 .199 .216 Gabion Retaining Wall; .325 .340 .385; .436 .512 .557; .830 .838 .858 .869 .899 (Conc. Barrier); .053; .203; .309; .380 .413; .511 .532 .534; .580; .711 .744 .802 .843; .901; .359 .435 .457 .474 .488 .517 .524 Masonry Wall; .582 .612; .694; .027 .031 .045 .046; .187 .213 .242; .387; .568 Masonry Walls; .840 .859 .999; .201; .332 .367; .484 .505; .589 .618 .644; .747 .760; .825 .842; .914 .927 .947 .994
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)	CF DC 10.15 FE 10.47 F 10.72 EDB 10.85 F 11.08 CAB 11.18 FEF 11.28 EDC 11.39 FA 11.48 F 11.75 CBDCE 11.89 F 11.99 E 12.12 FEFE 12.26 FE 12.41 FA 12.56 F 12.79 EAE 12.90 FCFEB 13.10 F 13.22 ACA BCE 13.37 C 13.48 A 13.56 E 13.61 13.76 ABC 13.88 F 13.98 E 14.08 FE 14.18 DAF 14.34 DE 14.47 F 14.58 EC 14.65 EB 14.73 EA 14.83 FE 15.05 D 15.11 A 15.27 E 15.39 A CAB 15.60 A 15.77 FED 15.86 CAB 15.98 F 16.07 AEF 16.17 A 16.25 FCA 16.40 FA 16.55 DCA 16.67 FA F 16.77 AD 16.85 16.97 A 17.16 DA E 17.26 17.36 AFB 17.48 ECA 17.59 BAE 17.71 ACA 17.88 C 17.97 A 18.07 E 18.16 A 18.34 E 18.49 CAC 18.58 ACE 18.66 BAC 18.77 ADBCA 18.55 BDCD 19.10 BE 19.19 AD 19.31 F 19.43 E 19.50 CEF 19.58 AF 19.77 EFE
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 10.75 D 10.96 C 11.42 A 11.64 D 13.36 A 13.48 B 13.78 D 14.59 B 14.81 D 14.88 E 14.97 C 15.45 D 15.58 C 16.02 B 16.09 C 16.42 F 16.52 B 16.78 D 16.92 C 17.19 B 17.47 C 17.72 B 18.00 D 19.21 B 19.35 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	15 MPH (2) .369 30 MPH (2) .710 35 MPH (2) .248 15 MPH (2); 15 MPH (2) .946 30 MPH (2) .701 15 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B74 0360 01049
HPMS Sections – AADT 2020	1,483
HPMS Sections – AADT 2019	1,865
HPMS Sections – AADT 2018	1,832
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 13.92; 360AB-01-98M (R) 1999 18.61
	11.07 11.20 (360AB-02-98, 2005, ROCKFALL MITIGATION); 13.96 14.19 14.31 (360A-04-95, (Realignment) 1999); 15.84 16.03 (360A-01-97 (Improv.) 1999)
	360A-01-82, 1983 (Improv.) & 360A-01-83M, 1983 (Resurface) 13.92; 360AB-01-88 (Resurface & Improv.) 1990 18.74; 360B-01-93M, 1994 (R) 19.42; 19.61 360B-01-85, 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.
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.
Nov. 18	D.B.
Jan 21	E.P.J

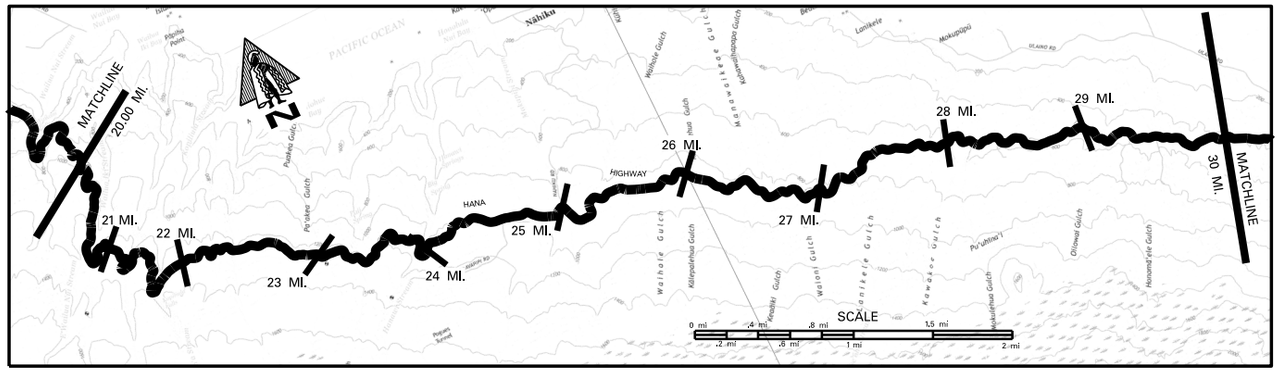
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

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: 360 B (16.57 mi.)

Structure Carrying Road

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

Milepost	Length	Type	Capacity	Year Constructed
20.833	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
22.85	20'	Tee Beam	H15	1920
23.33	49'	Tee Beam	H15	1926
23.89	60'	Conc. Masonry Arch	H15	1926
24.16	23'	Tee Beam		1926
24.68	40'	Tee Beam	H15	1926
25.20	60'	Conc. Masonry Arch	H15	1926
25.42	24'	Tee Beam	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
27.21	24'	Tee Beam	H15	1920
27.76	51'	Tee Beam	H15	1917
27.92	28'	Tee Beam	H15	1917
28.09	39'	Tee Beam	H15	1914
28.31	48'	Slab	H15	1908
29.18	22'	Tee Beam	H15	1914
29.54	38'	Tee Beam	H15	1924

Vertical Clearance
Horizontal Clearance

Structure Over Road

Vertical Clearance
Horizontal Clearance

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

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

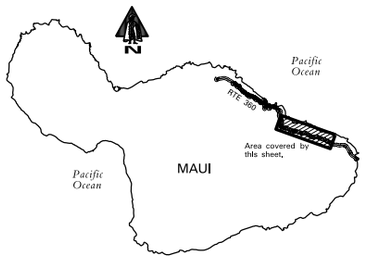
Right of Way Fence: Type – Right and Left (W/W = Wire on Wood): W/W; W/W; W/W; Wire on Wood; W/W; W/W

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); State

Project No., Type of Construction, and Year Constructed: 360B–01–12M (Resurface) 2016; 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.

HANA HIGHWAY

Culvert; ECBL) Culvert; Culvert; W. Wailuaiki Br.; Culvert; Culvert; E. Wailuaiki Br.; Culvert; Koiliula Br.; Culvert; Waiohue Br.; Culvert; Culvert; Culvert; Culvert; Unnamed Br.; Unnamed Br.; Culvert; Culvert; Kapaula Br.; Culvert; Hanawi Br.; ECBL) Bridge; E. Hanawi Br.; Lower Nahiku Rd. Makapipi Br.; Kuihiwa Br.; Kopukoi Br.; Kahalaowaka Br.; ECBL); Pupape Br.; Kahuwaihapapa Br.; Ksaalki Br.; Waioni Br.; W. Waioni Br.; Culvert; Culvert; Lanikele Br.; Ulaino Br.; Heleleikeoha Br.; Mokulehua Br.; ECB (R); Ollowai Br.; Honomanele Br.; Bridge

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

20.038 mi., 20.247 mi., 20.410 mi., 20.572 mi., 20.806 mi., 20.974 mi., 20.993 mi., 21.105 mi., 21.309 mi., 21.286 mi., 21.220 mi., 21.789 mi., 21.723 mi., 21.809 mi., 21.789 mi., 22.095 mi., 22.231 mi., 22.177 mi., 22.231 mi., 22.511 mi., 22.457 mi., 22.436 mi., 22.408 mi., 22.511 mi., 22.479 mi., 22.432 mi., 23.031 mi., 22.931 mi., 22.901 mi., 22.879 mi., 22.832 mi., 23.206 mi., 23.308 mi., 23.553 mi., 23.674 mi., 23.319 mi., 24.284 mi., 24.104 mi., 24.034 mi., 24.781 mi., 24.847 mi., 24.917 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., 26.868 mi., 26.917 mi., 27.253 mi., 27.318 mi., 27.686 mi., 27.787 mi., 27.844 mi., 27.911 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)
Curb and/or Gutter: Type (Right and Left): (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 01049
HPMS Sections – AADT 2020: 1,483
HPMS Sections – AADT 2019: 1,865
HPMS Sections – AADT 2018: 1,832
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; County to State; 360B–01–80 (Improv.) 1981

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.
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.
Nov. 18	D.B.
Jan 21	E.P.J.

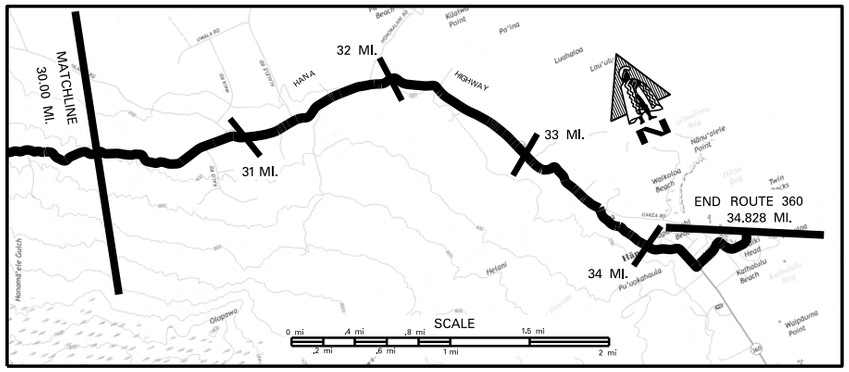
ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

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' (30.44)
- 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

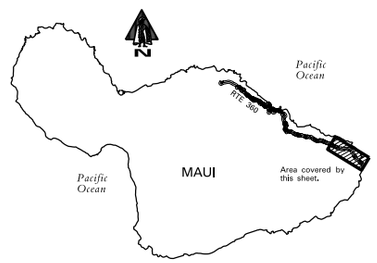
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood): Wire; W/W; Wood; Various; W/W; Chain Link; Wire on Wood; Chain Link

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (1988 + 90); (1992 + 62)

Project No., Type of Construction, and Year Constructed: (360B–01–80 (Improv.) 1981); 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; Bridge; ECB(L); Kalo Rd.; Ulaino St.; Culvert; Kaeleku Pl.; Olopawa Rd.; Alalele Pl. (Rd. to Hana Airport); To Waianapanapa State Park; ECB(L); Hana High School; Waikoloa Rd. (Refuse Disposal Site); Kanaloa Pl.; Kawaipapa Br.; Bridge; Bridge Sta. 33+03 mi. (Hwy. to County); Hana Elementary School; Public Telephone; Kauiki St.; Paani'mai Park; Alani St.; Keawa Pl. (L); Culvert; Uakea Rd.

HANA HIGHWAY — KEAWA PLACE

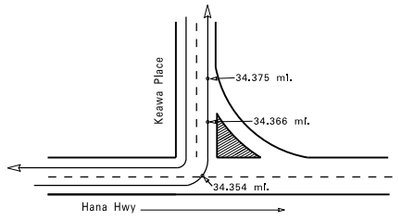
31 MP; 32 MP; 33 MP; 34 MP; Hana angle point

30.125 mi.; 30.005 mi.; 30.571 mi.; 30.432 mi.; 30.714 mi.; 30.810 mi.; 30.894 mi.; 31.099 mi.; 31.198 mi.; 31.302 mi.; 31.471 mi.; 31.812 mi.; 31.844 mi.; 32.602 mi.; 32.489 mi.; 32.765 mi.; 33.040 mi.; 33.393 mi.; 33.353 mi.; 33.445 mi.; 33.857 mi.; 34.069 mi.; 34.354 mi.; 34.239 mi.; 34.567 mi.; 34.536 mi.

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

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

*34.828 mi.



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; AC Roll Curb; (Conc. Curb); (Wood Rail on Conc. Post)

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

Illumination: Type, Location and Number: MV; 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 01049

HPMS Sections – AADT 2020: 1,483

HPMS Sections – AADT 2019: 1,865

HPMS Sections – AADT 2018: 1,832

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; FAP 58(1) 1947 (County); 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.
Nov. 18	D.B.
Jan 21	E.P.J.

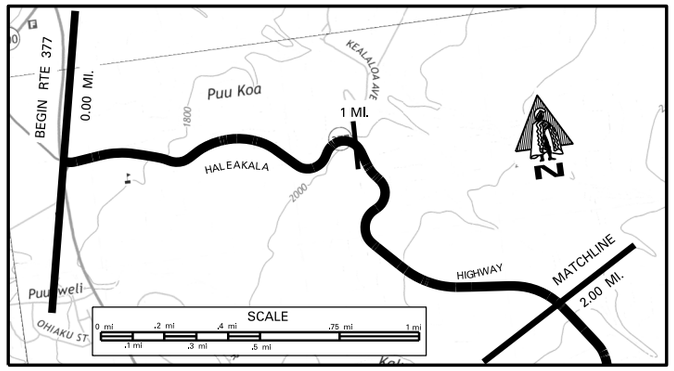
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

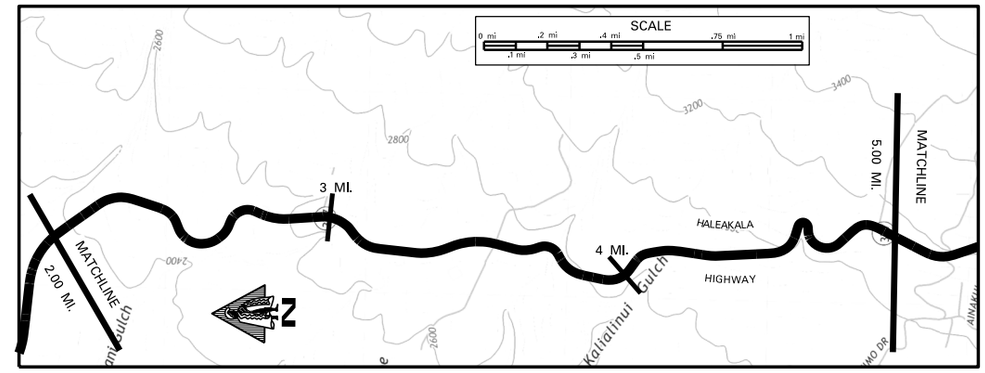
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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)

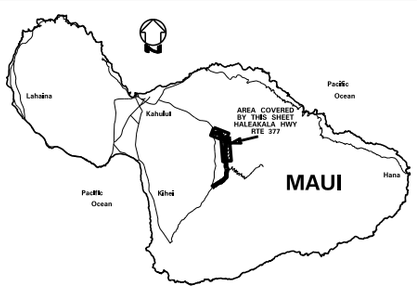
Structure Carrying Road

- 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): S T A T E
- Project No., Type of Construction, and Year Constructed: (37C–01–14, INTERSECTION IMPROVEMENTS, 2016) — 9+00 0.00
- Project No., Type of Construction, and Year Constructed: 377A–02–81M 1981 RESURFACE — 6+00 0.00; STP–0377(005), 2012, PREVENTIVE MAINTENANCE



Road Diagram
* MP = Milepost Signage

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

0.00 mi. — BEGIN DIVIDED; SPUR & END DIV.; BEGIN DIVIDED; BEGIN DIVIDED; TRACTOR CROSSING; KING KEKAULIKE HIGH SCHOOL END DIVIDED; CULVERT; CULVERT; ECB (L) KEALALOA AVE & "2000' ELEV." SIGN (R); HALEAKALA; CULVERT; 2500' ELEV. SIGN; CULVERT; CULVERT; ECB; HIGHWAY; WAIALE BRIDGE; CULVERT; CONTINUES ON SHEET # 2 — 5.00 mi.

MP	Mile
0 MP	0.000 mi.
	0.029 mi.
	0.037 mi.
	0.187 mi.
	0.274 mi.
	0.270 mi.
	0.383 mi.
1 MP	0.859 mi.
	0.806 mi.
	1.020 mi.
	1.031 mi.
	0.993 mi.
	0.946 mi.
1.5 MP	1.421 mi.
2 MP	1.943 mi.
2.5 MP	2.407 mi.
	2.558 mi.
	2.555 mi.
3 MP	2.727 mi.
	2.910 mi.
	3.049 mi.
	3.155 mi.
3.5 MP	3.581 mi.
	3.710 mi.
4.5 MP	4.549 mi.
	4.630 mi.
5 MP	4.964 mi.

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

Divided Highway — Median

- Median: Width and Type: (0–11' PAINTED AC) 0.027; 0.187; 0.27' PAINTED AC; 0.270
- 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): .072; .227; .320; 11' T. L.
- (Right Side): .188; 11' T. L.
- Frontage Road: No. of Lanes, and Width (Right and Left)
- Sidewalk: Width and Type (Right and Left): 6' CONC. S.W. 0.06; NONE
- Curb and/or Gutter: Type (Right and Left): CONC. C.&G. 0.06; 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)
- 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): P74 0377 00000
- HPMS Sections – AADT 2020: 2,677
- HPMS Sections – AADT 2019: 4,000
- HPMS Sections – AADT 2018: 3,767
- DOD Sections
- Census Tracts
- Functional Classification: MAJOR COLLECTOR (5)
- National Highway System (NHS): NOT ON NHS (0)
- Previous Projects: Project No., Date and Limits
  - 0.03 STP–0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT
  - 0.08 STP–0377(4), 1994 RESURFACE
  - 1.65 377A–01–83M 1983 RESURFACE
  - 4.03 377A–01–85M 1985 RESURFACE
  - 377A–02–81M 1981 RESURFACE; FAP 5B 1933 0.60
  - 1.07 JOB #5569 1952 RESURFACE; 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.
Nov. 18	D.B.
Jan 21	E.P.J.

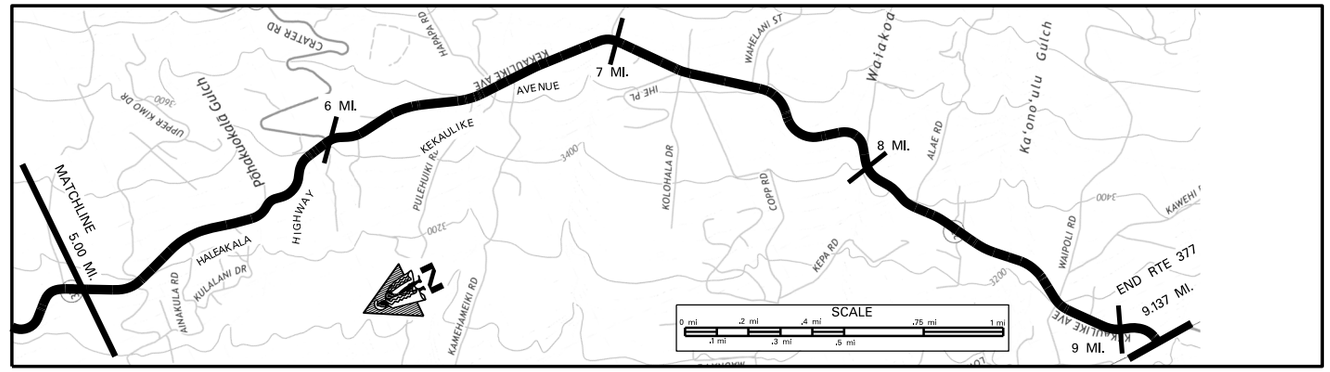
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

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



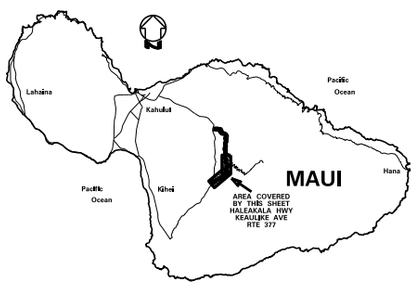
SCALE: (In Miles) 4" = 1 mile

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)	20'–40' FROM PVMT; 10'–30' FROM PVMT
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	STP–0377(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

Milepost	Feature
5.171 mi.	UPPER KIMO DR, LOWER KIMO DR.
5.194 mi.	CULVERT
5.259 mi.	ANAKULA ROAD
5.397 mi.	KULALANI DRIVE
5.560 mi.	POHAKUOKALA BR.
5.621 mi.	KUALONO PLACE
5.700 mi.	CULVERT
5.890 mi.	HALEAKALA CRATER RD. (RTE 378)
5.972 mi.	CULVERT SPUR
6.000 mi.	PUANANI PLACE
6.007 mi.	CULVERT
6.089 mi.	PULEHUIKI ROAD
6.488 mi.	KAMEHAMEHA ROAD
6.527 mi.	HAPAPA BRIDGE
6.580 mi.	JOHNSON ROAD
6.587 mi.	HAPAPA ROAD
6.923 mi.	PULEHU BRIDGE
6.953 mi.	PAVED ROAD RD.
7.087 mi.	ECBU
7.084 mi.	TOD PLACE
7.254 mi.	HOMESTEAD (L)
7.231 mi.	KOLOHALA DRIVE
7.220 mi.	IHE PLACE
7.481 mi.	WAHELANI ROAD
7.410 mi.	CULVERT
7.897 mi.	TELEM. STA. 377073
7.976 mi.	CULVERT
7.981 mi.	CULVERT
7.864 mi.	WAIAKOA ROAD
8.141 mi.	'ALAE ROAD
8.397 mi.	LOLE PL., FOSTER PL.
8.379 mi.	
8.532 mi.	KAONOLU BRIDGE, NAALAE GULCH BR.
8.599 mi.	
8.770 mi.	WAIPOLI ROAD
8.946 mi.	
9.123 mi.	

6 MP & ECB; 7 MP; COPP ROAD; 8 MP; 9 MP; 9.17 MP

* 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:	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)	P74 0377 00000; B74 0377 00737
HPMS Sections – AADT 2020	2,677; 1,000
HPMS Sections – AADT 2019	4,000; 1,100
HPMS Sections – AADT 2018	3,767; 1,100
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; 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

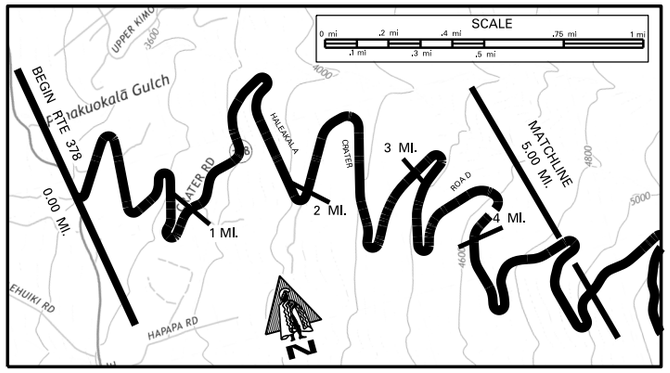
Revised	
FEB., 06	D.B.
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

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; OPEN PASTURE 1000' ACROSS

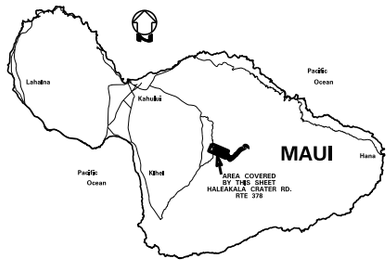
Right of Way Fence: Type – Right and Left (W.F. = WIRE FENCE): W.F.; W.F.; W.F.; W.F.; 1.49–1.54 WOOD FENCE; W.F.; W.F.; W.F.

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); (448 + 00): STATE

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

Project No., Type of Construction, and Year Constructed (378A–01–92M – 1993, RESURFACE): (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

HALEAKALA CRATER ROAD

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

0.017 mi.; 0.029 mi.; 0.095 mi.; 0.310 mi.; 0.324 mi.; 1.059 mi.; 1.202 mi.; 1.237 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.

CONTINUES ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

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

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

Number of Traffic Lanes: 2 – 11'; 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 GUTTER; AC CURB

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 00009

HPMS Sections – AADT 2020: 1,300

HPMS Sections – AADT 2019: 1,500

HPMS Sections – AADT 2018: 1,018

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

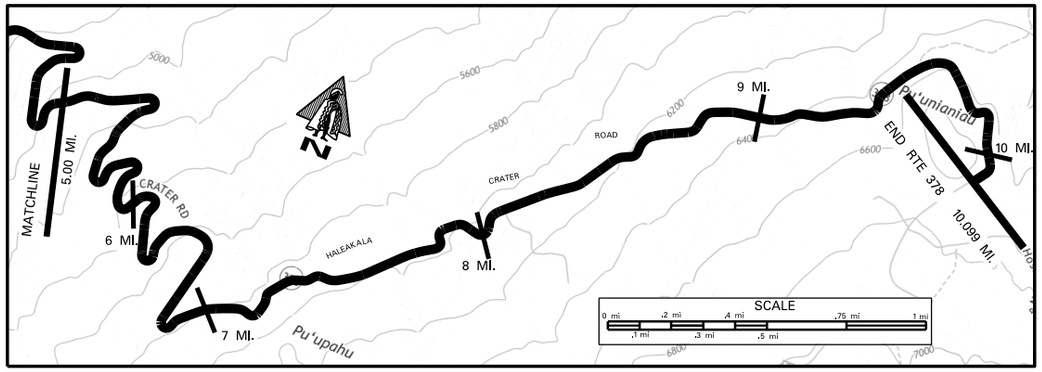
Revised	
Nov., 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	E.P.J.
Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

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**



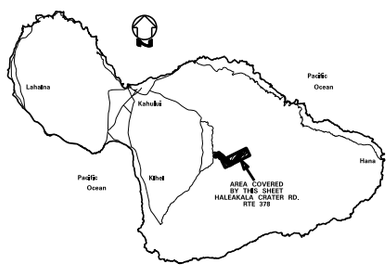
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
378A (10.15 MI) — END 378A – SAME AS END ROUTE 378 (10.099)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED BEAM 1934 (1970) H15 — 97' — 56'
- Vertical Clearance
- Horizontal Clearance: 27' — 27'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80'
Available Right of Way Width (Needs Study): OPEN PASTURE 1000' ACROSS
Right of Way Fence: Type – Right and Left: N O N E
Control of Access: 1–None, 2–Partial, 3–Full: N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): S T A T E — END PROJECT (377+00)
Project No., Type of Construction, and Year Constructed: 378A–01–04M, RESURFACE, 2006 — (378A–01–92M, 1993, RESURFACE) (10.31)
Project No., Type of Construction, and Year Constructed: 378A–01–00MR 2003 MAINTENANCE & REPAIRS (10.10)



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. · HALEAKALA · CULVERT 5.916 mi. · CULVERT 6.199 mi. · CULVERT 6.625 mi. · CULVERT 6.868 mi. · CULVERT 6.920 mi. · LOOKOUT CULVERT 7.262 mi. 7.252 mi. · CRATER · 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. · ROAD · 8.876 mi. · CULVERT 9.193 mi. · CATTLE GUARD 9.286 mi. · 6500' ELEVATION SIGN 9.406 mi. · CULVERT 9.815 mi. · CULVERT 9.882 mi. · CULVERT 9.981 mi. · CATTLE GUARD 10.054 mi. 10.099 mi.

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.

CENTERLINE CATTLEGUARD

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH T4 VIDEOLOG & T4 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC
- Pavement: Width and Type: 24' AC (12' AC SHLDR & BIKE PULL OUT) — 22' 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 – 12' — 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)
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 00009
HPMS Sections – AADT 2020: 1,300
HPMS Sections – AADT 2019: 1,500
HPMS Sections – AADT 2018: 1,018
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.
Nov 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

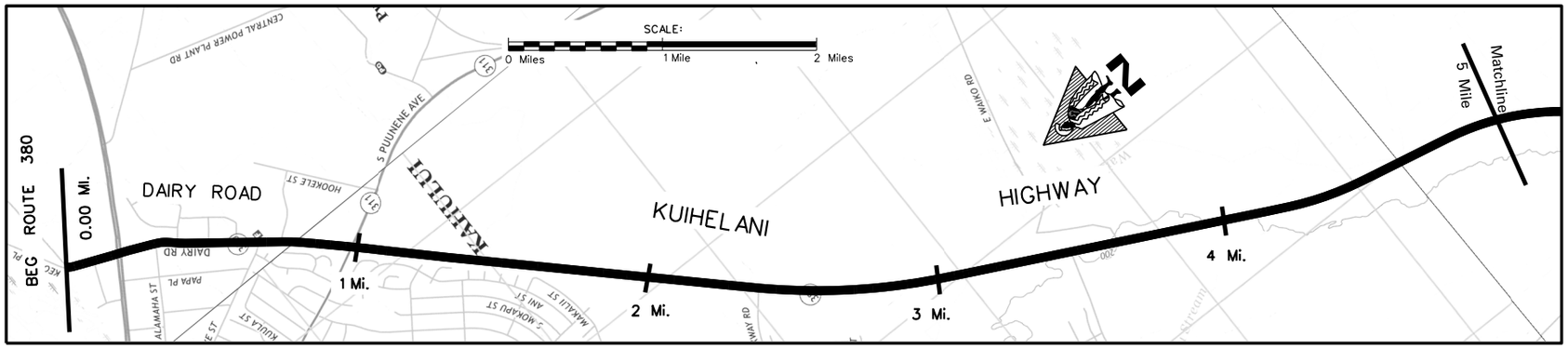
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Maintenance Control Sections : Length and Description

BEG. 380A SAME AS BEG. EXISTING RTE. ? | ? 380A (0.95 mi.) ? | END 380A SAME AS ROUTE 0.95 | BEG. 380A SAME AS BEG. EXISTING RTE. ? | 380 A (6.17 mi.)

Structure Carrying Road

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

Structure Over Road

- Vertical Clearance
- Horizontal Clearance

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: 4.72 | 44' | 4.11 | 44' | 4.12 | 44' | 4.37

Horizontal Clearance: 36' | 36' | 36'

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

Available Right of Way Width (Needs Study): COMMERCIAL 0.65 | RANCHLAND / SUGAR CANE | FARMS–BUSHES–TREES 2.98 | CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT 3.45

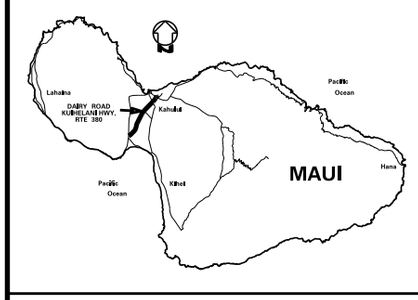
Right of Way Fence: Type – Right and Left: WOOD/CONC. 3.15 | METAL ON WOOD 4.40

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 STATE

Project No., Type of Construction, and Year Constructed: HWY-M-02-16M, PREVENTIVE MAINTENANCE, 2017 (293+30.0, 0.67) | NH-0380(013), RESURFACE, 2016

Project No., Type of Construction, and Year Constructed: 380A-01-89M (R) 1990 (0.78) | (276+80, 0.86) | (276+80, 0.86) (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.

Hana Hwy (Rte 36) | Kele St. | Alamaha St. | Onekani St. (Mail Ent./Exit) | Maui Marketplace Dr. | Begin Div. & Median St. & Entrance/Exit (R) Mall Entrance/Exit | Paksuila St. (L) | Puunene Ave. | Parking Exit & Entr. | Parking Exit & Entr. | Telem. Sta. 380015 | Cane Haul Rd. | Cane Haul Rd. | Private Access | Median Crossover | Median Crossover Paved Road | Waihee Ditch Br. | Wako Road | Tractor Crossing & Cane Haul Rd. | Waikapu Stream Br. | Kuihelani 3 Span Culvert & Cane Haul Rds. | Cane Haul Rd.

DAIRY ROAD — KUIHELANI HIGHWAY

1 MP | 1.67 mi. 2 MP | 2.50 MP | 2.751 mi. 3 MP | 3.50 MP | 3.682 mi. 4 MP | 4.121 mi. 4.50 MP | 5 MP

1.259 mi. | 2.236 mi. | 2.386 mi. | 1.67 mi. | 2.758 mi. | 3.681 mi. | 4.21 mi.

Maui Lani Parkway

0.084 mi. | 0.168 mi. | 0.302 mi. | 0.377 mi. | 0.483 mi. | 0.572 mi. | 0.590 mi. | 0.655 mi. | 0.733 mi. | 0.957 mi. | 0.973 mi. | 1.056 mi. | 1.142 mi. | 1.449 mi. | 1.523 mi. | 1.801 mi. | 2.21 mi. | 2.377 mi. | 2.900 mi. | 3.110 mi. | 3.066 mi. | 3.033 mi. | 3.21 mi. | 3.463 mi. | 3.620 mi. | 4.125 mi. | 4.340 mi. | 4.379 mi. | 4.755 mi. | 4.882 mi.

Route Continued on Sheet #2 — 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 0 | 0.16 .214 .307 4'–6' AC .544 .569 .655 | 0.96 0.97 10' AC | Milled Edgeline Rumble Strip | 3.04 10'–25' AC 3.23 | 10' AC
- Pavement: Width and Type: 40' AC | 50' AC | 40' AC | 50' AC .569 .572 50' AC | 22' AC | 1.04 | 24' AC
- Shoulder: Width and Type: 0 | 0.16 4'–6' AC .568 | 0 | 1.04 8' AC | 10' AC | 0 | 4' AC | 10' AC

Divided Highway — Median

- Median: Width and Type: 10' Painted AC | 0.96 Painted Median 1.04 | 1.11 8'–2.41' 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: 4–10' | .555 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) | 10' (L) TL

(Right Side): (All 10' Turning Lanes) | (2–10' L TLs) | 1–12' TL

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

Sidewalk: Width and Type (Right and Left): 6' Conc. S.W. | 4' Conc. S.W. | 6' Conc. S.W. | 4' Conc. S.W.

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

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

Illumination: Type, Location and Number: M.V. | 8 HPS | 2 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): (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 | 0.47 A | 4.55 B | 4.60 A | 4.82 B | 4.86 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) | .555 45 MPH (2) | (45 MPH (2)) | 55 MPH (2) | .308 | 45 MPH (2) | .882 | 55 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: .308 .402 .555 .659 .723 .973 | .155 .252 | .276 .377 | .463 3 Phase | .620 2 Phase

Traffic Stations (Current Year): B74 0380 00074 | B74 0380 00074 | B74 0380 00347

HPMS Sections – AADT 2020: 28,489 | 0.96 25,600 | 1.67 13,400

HPMS Sections – AADT 2019: 33,800 | 27,000 | 14,800

HPMS Sections – AADT 2018: 34,714 | 26,700 | 13,641

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

0.95 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

Date Released
July 2002, DB

Revised	
Apr 03	JK
Aug 04	DB
Sept 04	DB
Nov. 06	DB
Mar. 09	DB
Dec. 09	DB
Aug 10	DB
Feb 11	DB
Feb 12	DB
Sept 12	EPJ
Dec. 13	EPJ
July 14	DB
Jan 16	DB
Jan 17	DB
Feb 18	DB
Nov. 18	DB
Jan 21	EPJ

ROAD INVENTORY

MAUI RTE 380
KUIHELANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

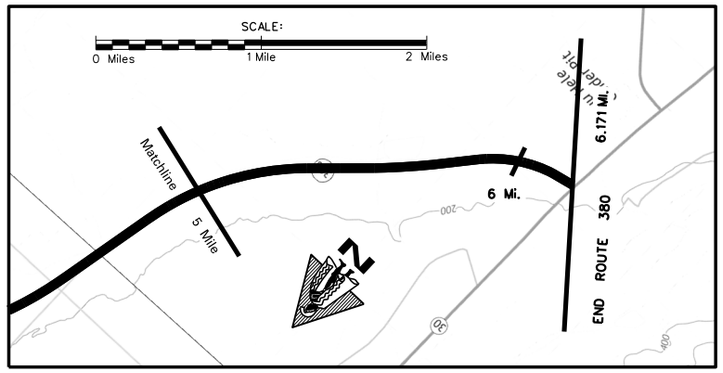
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

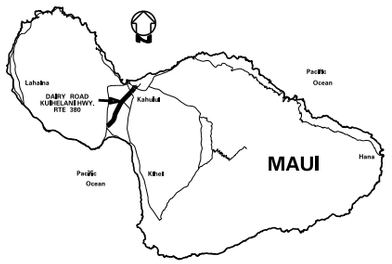
Total Travel Way Length: 6.171 MILES (a+b, less c)
- a. Existing Length: 6.171 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



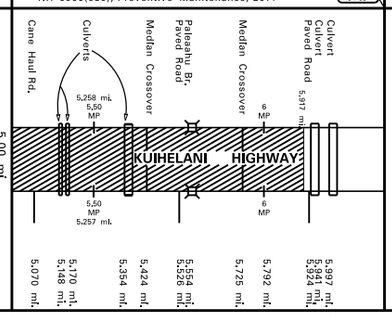
SCALE: (In Miles) 4" = 1 mile

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
Project No., Type of Construction, and Year Constructed	NH-0380(013), Resurface, 2016 6.00
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



* 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; 0.67
Pavement: Width and Type	24' AC; 12' AC; 8.14; 28' AC
Shoulder: Width and Type	10' AC; 0
Median: Width and Type	18' Grass; 10'-18' AC; .305; .610; 10' Painted AC
Divided Highway – Undivided: Shoulder: Width and Type	4' AC; 0.61; 0.61; 0.61; 0.61
Pavement: Width and Type	24' AC; 12' AC; 36' AC; (38' AC); (44' AC)
Shoulder: Width and Type	10' AC; .14
Number of Traffic Lanes	4 – 12'; 2=12'; 2=12'; (12'=14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	.492; .788; .188; (– 12'–14' (R))
(Right Side)	.383; .424; .685; .725; .076; (– 12'–16' (R))
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; .086; .145; .253; .352; .421; .532; .632; .732; .807; .896
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	.095; .318; .390; .247; .286; .341; .360; .500; .579; .672; .705; .740
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; .12; 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; .409; B
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Small Urban (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	Flat (1); .708; .986
Speed: 1-Design, 2-Posted	55 MPH (2); 45 MPH (2); Not Posted; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	.986; 3 Phase Traffic Signal
Traffic Stations (Current Year)	B74 0380 00347
HPMS Sections – AADT 2020	13,400
HPMS Sections – AADT 2019	14,800
HPMS Sections – AADT 2018	13,641; 6.171
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 6.01
	NH-0380(9) (Widening) 2003 6.22 — [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.
Nov. 18	D.B.
Jan 21	E.P.J.

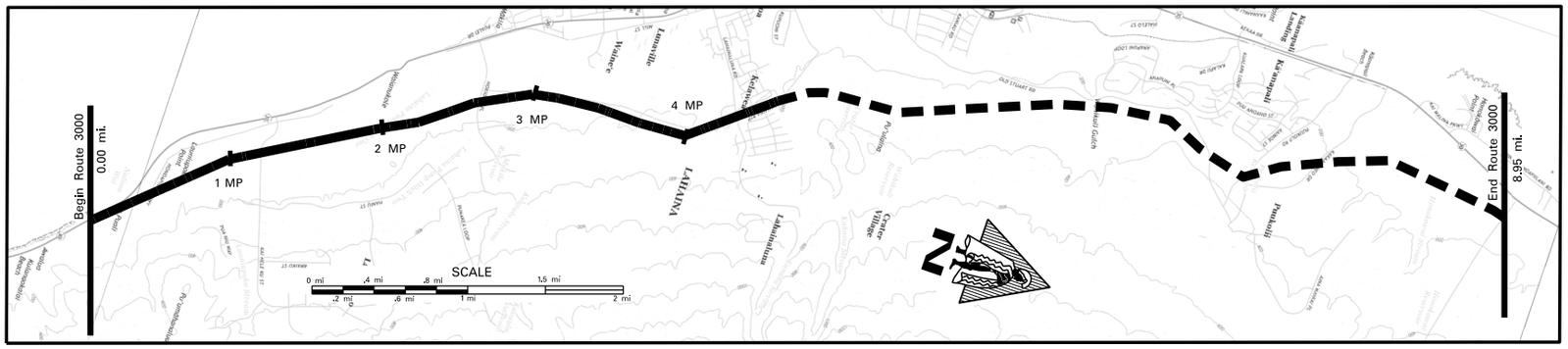
ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

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:** 4.63 miles
- **b. Proposed Length:** 4.32 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'

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)

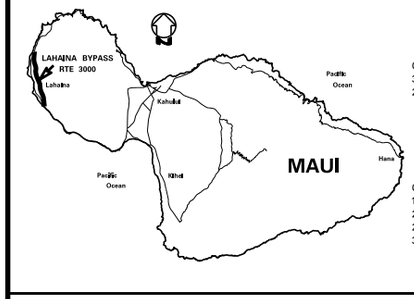
Right of Way Fence: Type - Right and Left

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: 1.02 NH-030-1(38), REALIGNMENT 1B1, 2013; 3.40 3.45 3.48 3.50 3.52 3.54 3.56 3.58 3.60; (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.

BEGIN DIV. 0.88 MI.; END DIV. 1.00 MI.; BEGIN DIV. 1.14 MI.; KAHELE KU ST.; END DIV. 1.25 MI.; BEGIN DIV. 1.38 MI.; 1.5 MP 1.50 MI.; 1 MP; PUNAKEA UKA O.P. 2.00 MI.; 2 MP; BEGIN DIV. 2.16 MI.; END DIV. 2.30 MI.; HOKIOKIO PL. 2.45 MI.; BEGIN DIV. 2.60 MI.; END DIV. 2.69 MI.; KAUAULA STREAM BR. 2.83 MI.; 3 MP 2.88 MI.; BEG. DIV. 3.00 MI.; LAHAINALUNA RD OP RAMP 4.02 MI.; END DIV. 4.18 MI.; KEANA ST. EXT RAMP 4.27 MI.; KAHOMA STREAM BR 4.42 MI.; 4.5 MP 4.55 MI.; WAHKULI CONNECTOR (CIVIC CENTER) 4.63 MI.; KAANAPALI CONNECTOR 5.76 MI.; HAHAKEA GULCH BR 6.32 MI.; WAHKULI GULCH BR 6.53 MI.; PUUKOLII CONNECTOR 6.68 MI.; HANAKAOO GULCH BR 7.55 MI.; HONOKOWAI STR BR 8.28 MI.; 8.81 MI.

HONOAPIILANI HIGHWAY BY-PASS

NOTE: ROUTE LENGTH ADJUSTED TO MATCH 2018 VIDEOLOG

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 10' AC; 10' PCC; 10' PCC; 10' PCC; 10' PCC; 10' PCC; 6' PCC; 3.07; 10' PCC; 10' AC; 10' PCC

Pavement: Width and Type: 12' AC; .80; 24' PCC; 12' PCC; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 4.03

Shoulder: Width and Type: 12' AC; 10' PCC; 0; 10' PCC; 0; 10' PCC; 0; 10' PCC; 0; 6' PCC; 3.07; 10' PCC; 0; 6' PCC

Median: Width and Type

Median Barriers: .88; 12' PCC; .01; .25; 12' PCC; .38; .30; 12' PCC; .45; .69; 12' PCC; .83; (0'-35' PAINTED PCC); .07; 35' GRASS; .06; .37; (0'-35' PAINTED PCC); .42

Shoulder: Width and Type: 0; 0; 0; 0; 0

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

Shoulder: Width and Type: 10' PCC; 10' PCC; 10' PCC; 10' PCC; 10' PCC

Number of Traffic Lanes: 2-12'; .63

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .21; .49; .29; .69; .36; .14; .28; .69; .29; .72; .23; .38; .29; .69; .23; .72; .18; .29

(Right Side): .69; .14; .103; .69; .47; AUX. .36; .72; .20; .83; .55

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): .72; 6' CONC. SWALE; .72

Protective Devices: Type, Location and Number: .72; .26; .36; .29; .36; .29; .60; .29; .38; .72; .69; M/M; .26; .29; .60; .29; .38; .29; .69; .29; .72

Illumination: Type, Location and Number: 1-250W, HPS; .96

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): .69; .69; A; .59; B; .63

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): .69; .69; A; .72; B; .42; C; .69; B; .63

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: 45 MPH (2); 30 MPH (1); .63; 45 MPH (2); 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: (45 MPH (1)); .14; .04

Traffic Station: B74 3000 00346

HPMS Section - AADT 2020: 15,300; 5.36

HPMS Section - AADT 2019: 16,500

HPMS Section - AADT 2018: 15,800

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.
Nov. 18	D.B.
FEB. 20	EPJ
Jan. 21	EPJ

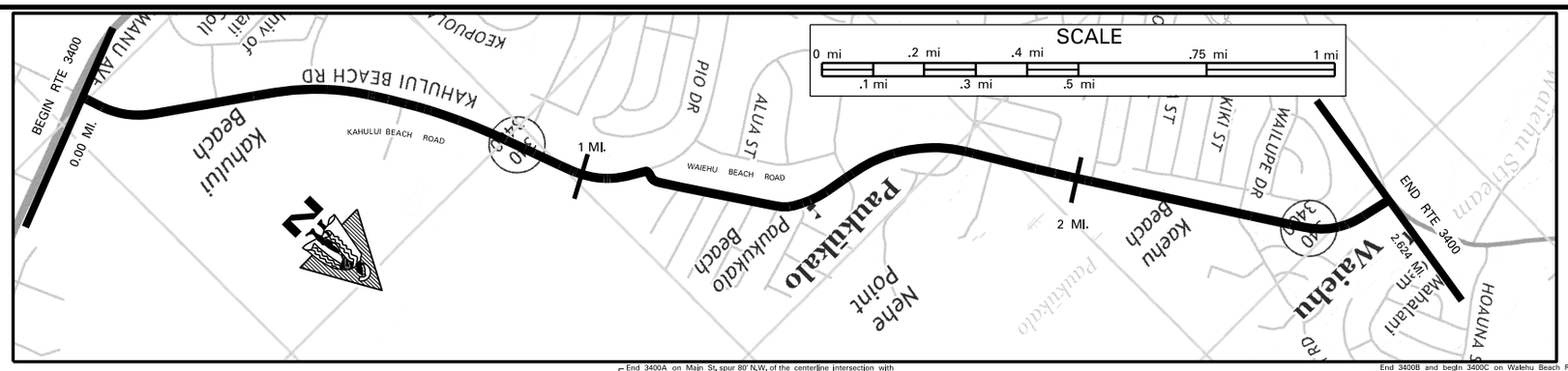
ROAD INVENTORY
MAUI RTE 3400
KAHULUI BEACH ROAD AND WAIEHU BEACH ROAD

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



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

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Begin 3400A on Kahului Beach Road 220' N. of centerline Intersection w/Kaahumanu Ave. — 3400A (1.11 MI) / SPUR 3400A (0.02 MI) — 3400B (1.46 MI) — 3400C (0.01 MI)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1953 H20 182'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance: 28'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.–max.) if varies: 120' | 80' – 200' | 70' – 240'

Available Right of Way Width (Needs Study): COMMERCIAL / RESIDENTIAL | BRUSH | SAND

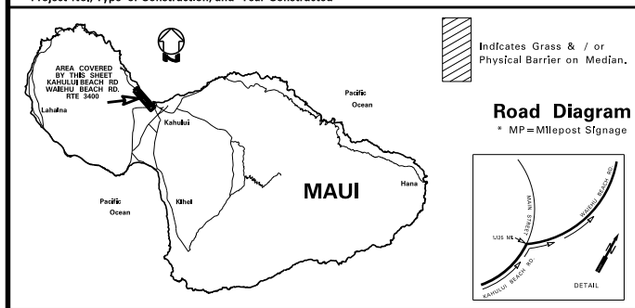
Right of Way Fence: Type – Right and Left: NONE

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 3400AB–02–90 1992 IMPROVEMENTS

Project No., Type of Construction, and Year Constructed: 3400A–01–07M, RESURFACING, 2009; HWY–M–05–04, IMPR, 2006; 3400A–02–91 IMPROVEMENTS 1995; BR–STP–3400(5) BR. REHAB., 2015

Project No., Type of Construction, and Year Constructed: 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 — KAHIEE PLACE — WAIHINEPI'O AVE. — SMALL BOAT HARBOR ROAD — KANALOA AVE. — NISEI MEMORIAL CENTER ACCESS — MAIN ST. & END DIV. — ELUENE ST. — KAIMALU PL. & BEG. DIV. — END DIVIDED — KAKOO STREET — LINEKONA PLACE — KALANA PLACE — UKALI ST. — BEGIN DIVIDED — EHA ST. — END DIVIDED — IAO BRIDGE — BEGIN DIVIDED — KUKONA PL. — KUKHO PL.(L) — KAAE RD.(R) — END DIVIDED — KEALI'I DR. — BEGIN DIVIDED — MAKAALA DR. — END DIVIDED — BEGIN DIVIDED — WAILUPE DR. — END DIVIDED — WAILUKU URBAN BOUNDARY

KAHULUI BEACH ROAD — PAVED ROAD — WAIEHU BEACH ROAD

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 | 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' | 2' AC | 0' | 2' AC | 0' | 11' AC | 0' | 4' – 6' AC | 0' | 4' – 6' AC | 6' AC | 0' | 6' AC | 0' | 10' AC | 6' AC

Median: Width and Type: 6'–24' GRASS W/CURB | 0'–12' PAINT | 12' GRASS | 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: C.C.&2'G. | Conc. Curb | Conc. Curb | 6' T.S. | 7' Conc. | 6' Conc. | C.C.&2'G. | L. D. D. | C.C.&2'G. | B. C. | B. C.

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

Illumination: Type, Location and Number: MV | MV | 1 MV | CB | 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: 3 PHASE | (SIGN MISSING) | 3 PHASE

Traffic Stations (Current Year): B74 3400 00000 | B74 3400 00203 | B74 3400 00232

HPMS Sections – AADT 2020: 31,000 | 12,500 | 7,200

HPMS Sections – AADT 2019: 27,400 | 11,200 | 6,900

HPMS Sections – AADT 2018: 29,217 | 11,800 | 7,062

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–02–88 2 WAY LIT.L.S. — 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340) — 3400A–02–91 1995 IMPROVEMENTS — 3400AB–02–90 1992 IMPROVEMENTS — 3400A–01–88M 1988 RESURFACE — S–0340 (1) 1955, 1956 — COUNTY — S–247(1) 1952, 1953 — 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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY
MAUI RTE 3500
PUUNENE AVENUE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

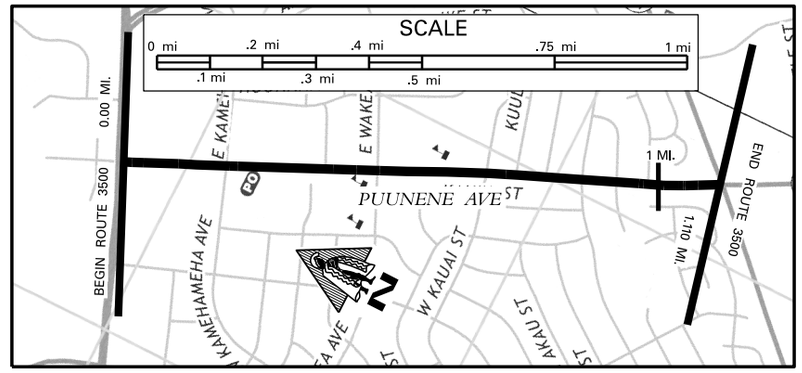
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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 85' 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)

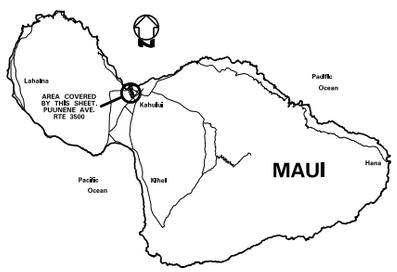
Right of Way Fence: Type – Right and Left: CHAINLINK (0.04–0.43); TILE (0.36–0.92); CHAINLINK (0.95–1.00); CHAINLINK

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 — END DIVIDED — KAMEHAMEHA AVE. (0.100 mi.) — HOLOLEA ST. (0.140 mi.) — WAKEA AVE. (0.190 mi.) — E. KAUAI ST. (0.374 mi.) — KUULA ST. (0.471 mi.) — AIAI ST. (0.673 mi.) — PAPA AVE. (0.730 mi.) — E. HAWAII ST. (0.851 mi.) — BEGIN DIVIDED PUUKANI ST. (0.915 mi.) — 1 MP — DAIRY ROAD (0.979 mi.) — (0.058 mi.) (1.054 mi.) — *1.110 MI. (= NEAR EDGE OF PAV'T) — KUHELANI HWY.

PUUNENE AVENUE — W. KAUAI ST. — W. HAWAII ST.

AT THE NORTHWEST EDGE OF PAVEMENT WITH DAIRY ROAD AND KUHELANI HIGHWAY (ROUTE 380)

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

END ROUTE 3500 ON PUUNENE AVENUE

Indicates Grass & / or Physical Barrier on Median.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: (44' AC) 2' AC (0.04–0.245); 4' AC (0.527–0.590); 4' – 6' AC
- Pavement: Width and Type: (33' AC) — 22' AC (0.100–0.140); 44' AC (0.190–0.374); 55' AC (0.381–0.471); 33' AC; 44' AC; 33' AC; 22' AC; 34' AC; 34' AC; 24' AC; 12' AC; 24' AC
- Shoulder: Width and Type: 2'–4' AC; 0'; 2' AC; 4' AC; 4' – 6' AC; 0'

Divided Highway — Divided

- Median: Width and Type: (0' – 10' PAINT) (0.000–0.340); (24' AC) (0.730–0.979); 0'–30' TREES AND GUARDRAILS (L & R)
- 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' (0.034–0.374); 2–11' (0.374–0.673); 2 – 11' (0.673–0.915); 2 – 12' (0.915–1.00); 1–12' (0.074–0.374); 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' CONC. S/W (0.143–0.200); 8' CONC. S/W (0.200–0.486); 4' BITUMINOUS S/W (0.486–0.580); 8' CONC. S/W (0.580–0.682); 4' BITUMINOUS S/W (0.682–1.00)

Curb and/or Gutter: Type (Right and Left): CONC. CURB (0.143–0.200); CONC. CURB (0.200–0.462); CONC. CURB (0.462–0.580)

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. (0.17–0.325; 0.915–1.00)

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 (0.00–0.09); B (0.09–0.11); 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; 0.56; 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 (1)) — 30 MPH (2) — (30 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing: (0.018) — (0.195) 4 PHASE TRAFFIC LIGHT (0.471) — 3 PHASE (0.851)

Traffic Stations (Current Year): B74 3500 00019; B74 3500 00046

HPMS Sections – AADT 2020: 17,700; 33,200

HPMS Sections – AADT 2019: 18,000; 28,900

HPMS Sections – AADT 2018: 18,629; 30,355

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)
- (0.09) HES 3500(4) 1994 (0.28)
- 380A–01–72 1976 RESURFACE (0.00–0.26); 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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 3800
MAYOR ELMER F. CRAVALHO WAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

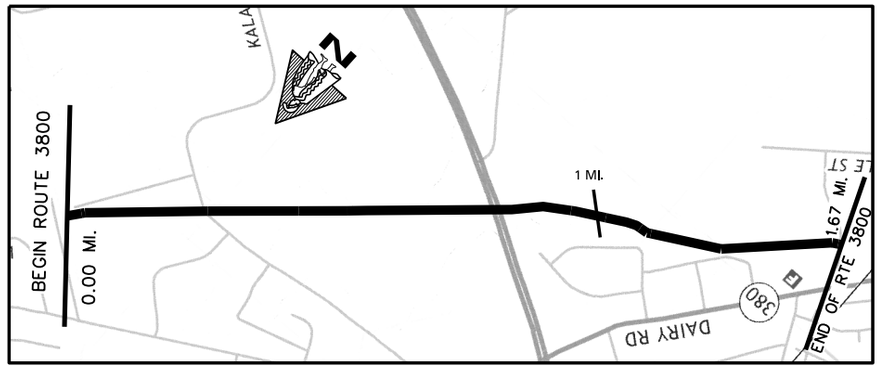
PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length: 1.67 MILES (a+b)
- a. Existing Length: 1.238 MILES
- b. Proposed Length: 0.432 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 _____



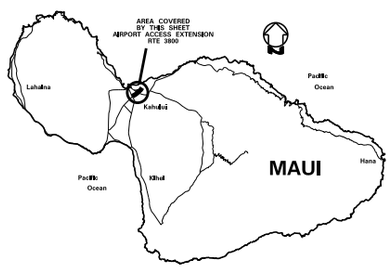
SCALE: (In Miles) 4" = 1 mile

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 Airport Access Road at the Kahului Airport Boundry.

0.00 mi.
Haleakala Hwy O.P.
Hana Hwy
Dairy Rd (Rt) Pakaula St (L)
End Proposed Rte 3800 at the Center-Line Intersection of Kuihelani Hwy and Puunene Ave (Rte 3500)
1.67 mi.

0.071 mi. 0.608 mi. 1.238 mi.

0.077 0.740

AIRPORT ACCESS ROAD

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

Median: Width and Type: 290'–29' GRASS; .196; .25'; MELED CENTERLINE 20' GRASS; .517; 4–20' PCC; .740; MELED CENTERLINE 16' RAISED GRASS; .090; .238

Divided Highway — Undivided
- 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: .698; .689; 4–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .517; .740; .590; .238
(Right Side): .253; .517; .690
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; 6' PCC; 4' 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: P74 3800 00078
HPMS Sections – AADT 2020: 16,100
HPMS Sections – AADT 2019: 18,400; .157
HPMS Sections – AADT 2018: 16,900
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.
Nov. 18	D.B.
Jan. 21	E.P.J.

ROAD INVENTORY

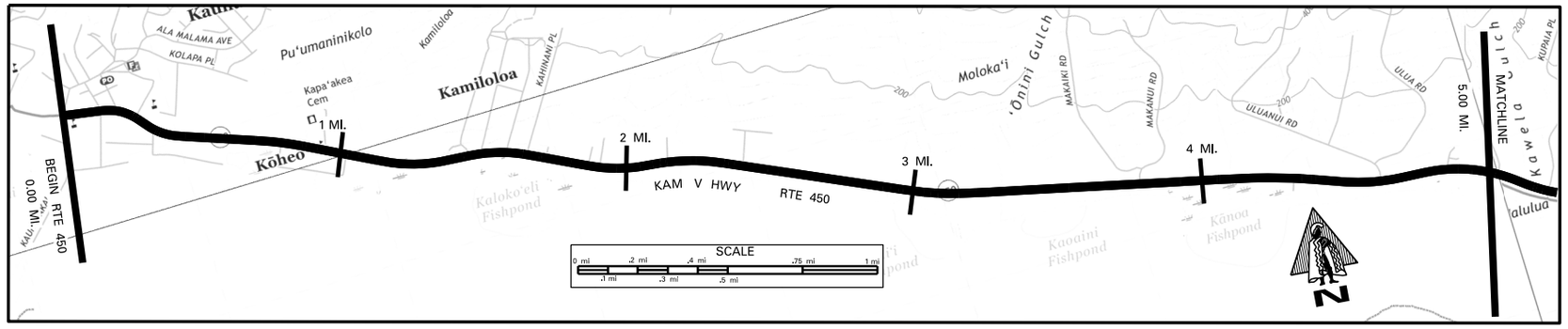
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 25' — 23'
- 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)

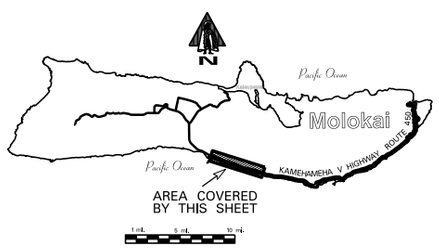
Right of Way Fence: Type – Right and Left: WIRE ON WOOD 15' FROM PAVEMENT (3.19) — WIRE ON WOOD 15' FROM PAVEMENT

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, 205+00)

Project No., Type of Construction, and Year Constructed: 450A–01–12M, RESURFACE, 2015 (0.02–1.90) — 450A–01–12M, RESURFACE, 2015 (3.88–5.00)

Project No., Type of Construction, and Year Constructed: 450A–01–08M, RESURFACE, 2009 (0.01–5.00) — STP–0450(6) 1996 RESURFACE (3.88–5.00)



Road Diagram
* MP = Milepost Signage

BEGIN ROUTE 450 ON KAM V HIGHWAY AT THE EAST EDGE OF PAVEMENT OF KAUNAKAKAI PLACE (ROUTE 460) — 0.00 mi.

KAM V HWY: 0 MP, 1 MP, 1.50 MP, 1.497 mi., 2 MP, 3 MP, 4 MP, 4.50 MP

Milepost	Feature
0.006 mi.	MOHALA ST.
0.124 mi.	KAMOI ST.
0.182 mi.	KAUNAKAKAI SCH.
0.226 mi.	OKI PLACE
0.282 mi.	ALOA ST.
0.251 mi.	ROAD TO "DUKE MALU" PARK
0.468 mi.	EDUCATION CTR.
0.694 mi.	ALANUI KAIMI IKE
0.771 mi.	KAPA AKEA LOOP
0.847 mi.	CULVERT
0.902 mi.	CULVERT
0.891 mi.	KAPA'AKEA CEMETERY
0.998 mi.	KAPA'AKEA LOOP
0.988 mi.	CULVERT
1.194 mi.	CULVERT
1.341 mi.	HOTEL ENT.
1.427 mi.	KAMILOLOA PLACE
1.404 mi.	HOTEL ENT.
1.474 mi.	AAHI ST.
1.522 mi.	CULVERT
1.560 mi.	ILIMAI PLACE
1.631 mi.	CULVERT
1.621 mi.	KAHINANI PLACE
1.699 mi.	OPUA PLACE
1.888 mi.	OHALA'ILI STREET
1.872 mi.	HOTEL MOLOKAI ENT.
1.993 mi.	KAMILOLOA BRIDGE
1.988 mi.	
2.383 mi.	PANO PLACE
2.466 mi.	CULVERT
3.005 mi.	ONEALII PARK #1
3.332 mi.	MAKANUI RD.
3.764 mi.	MAKAKUPAIA BRIDGE
3.934 mi.	
4.017 mi.	HOOULU PL.
4.296 mi.	ULUANUI RD.
4.493 mi.	CULVERT
4.596 mi.	KAMAKANA PLACE
4.657 mi.	
4.831 mi.	

CONTINUES ON SHEET #2 5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC (0.25) — 12' AC (1.00) — 6' AC (3.88)
- Pavement: Width and Type: 24' AC (.890) — 22' AC
- Shoulder: Width and Type: 6' AC — 4' AC (3.88–5.00) — Milled Edgeline Rumble Strip; Milled Centerline Rumble Strip (3.88–5.00)

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

Number of Traffic Lanes: 2 – 12' (.890) — 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): .609 .657 .867 .916 .429 .469 .920 .961 — N O N E

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. .177 .209

Illumination: Type, Location and Number: MERCURY VAPOR (1.00) — MERCURY VAPOR (1.48–1.87) — 1 MV (2.37–2.87) — 1 MV (3.32–3.78)

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 (0.01) BA (0.24) B (0.42) — A (.916–.967) — 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 (1.84) B (2.00) A (2.98) B (3.10) 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: .412 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) (.188–.674) — 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0450 00000 — B75 0450 00238

HPMS Sections – AADT 2020: 5,800 (1.99) — 2,300

HPMS Sections – AADT 2019: 5,900 — 2,300

HPMS Sections – AADT 2018: 6,000 — 2,200

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- 0.01 450AB–01–01M 2001 RESURFACE (1.80–5.00) — STP–0450(6) 1996 RESURFACE
- 1.28 STP–0450(7) 1998 (1.79–1.80)
- HWY–M–06–96M 1997 — 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

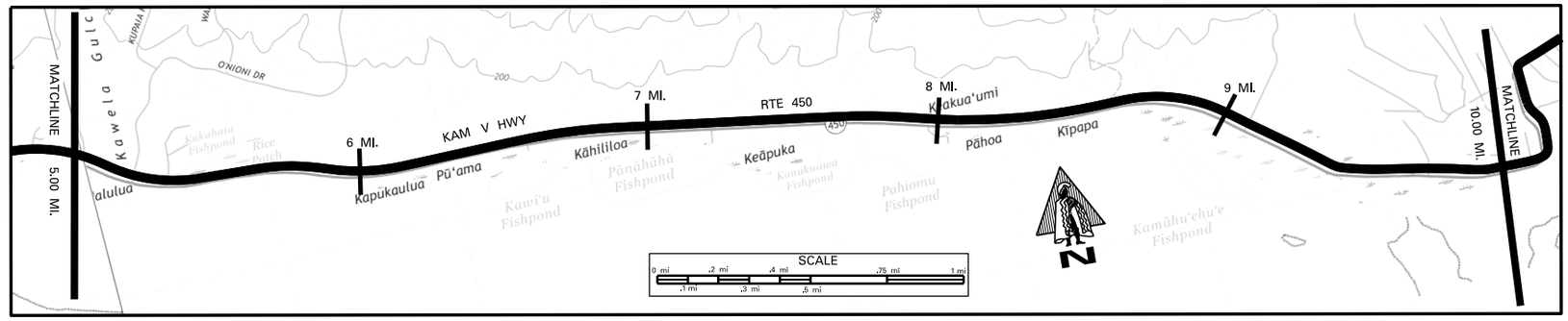
Revised	
Nov., 06	D.B.
Dec.09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

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: 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): 5.52; 9.15

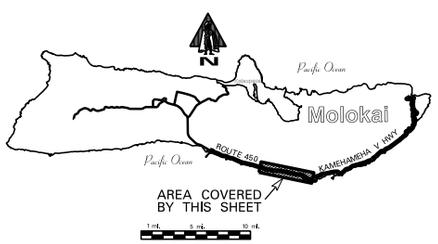
Right of Way Fence: Type – Right and Left: WIRE ON WOOD 15' FROM PAVEMENT; NONE; WIRE ON WOOD 15' FROM PAVEMENT; WIRE ON WOOD

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 395+00 7.47 STATE

Project No., Type of Construction, and Year Constructed: 450A-01-12M, RESURFACE, 2015; 7.47; 7.81; STP-0450(9) GUARDRAIL AND SHOULDER IMPROVEMENTS 2013

Project No., Type of Construction, and Year Constructed: 5.04; 5.18; 5.52; (BR-0450(8) 2014 BRIDGE REPLACEMENT); 7.81; 450AB-01-13M RESURFACE 2017



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi.

KAWELA BRIDGE; ONIONI DR.; BRIDGE; CULVERT; CULVERT; CULVERT; BRIDGE; CULVERT; FORD; CULVERT; PROJ. MARKER; CULVERT; CULVERT; CULVERT; KAMALO BRIDGE; CULVERT; CULVERT; CULVERT

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: (4' AC) 10' AC; 4' AC; GRASS UNLESS NOTED

Pavement: Width and Type: MILLED EDGELINE RUMBLE STRIPS; 22' AC; 20' AC

Shoulder: Width and Type: (4' AC) 10' AC; MILLED EDGELINE RUMBLE STRIPS; 4' AC; GRASS UNLESS NOTED

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 – 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 00238; B75 0450 00522

HPMS Sections – AADT 2020: 2,300; 1,100

HPMS Sections – AADT 2019: 2,300; 1,200

HPMS Sections – AADT 2018: 2,200; 1,100

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.
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July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
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ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
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HIGHWAYS DIVISION

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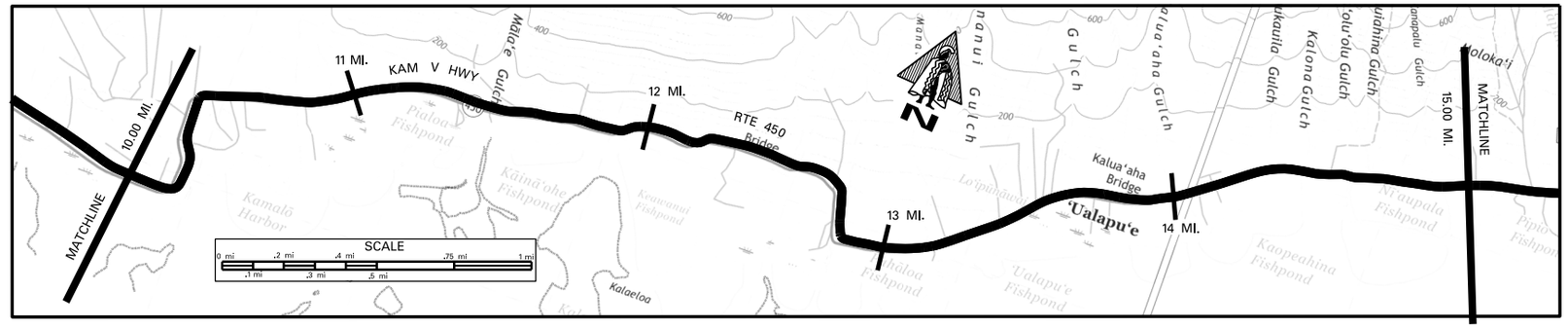
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

10 | 11 | 12 | 13 | 14 | 15

Maintenance Control Sections : Length and Description
BEGIN 450 B SAME AS BEGIN SR 450 — 450B (17.43 MI.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRE-STRESSED SLAB 22' 1979 HS-20 (13.71); PRE-STRESSED SLAB 36' 1979 HS-20 (14.05)
- Vertical Clearance
- Horizontal Clearance: 18' (13.71); 21' (14.05)

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

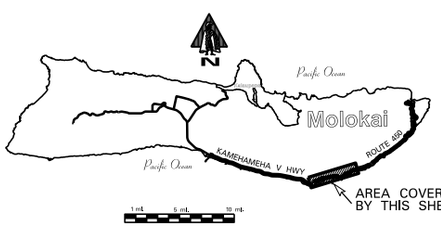
Right of Way Fence: Type – Right and Left: WIRE ON WOOD (10.00–11.39); WIRE ON METAL CHAIN LINK (11.39–13.03); WIRE (13.03–15.00)

Control of Access: 1–None, 2–Partial, 3–Full: NONE (11.39, 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 (11.34); 450B-01-02M RESURFACE 2003 (13.28)

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.) — KAMEHAMEHA V — 12 MP (12.019 mi.) — CULVERT (12.12 mi.) — CULVERT (12.519 mi.) — OHIA BRIDGE (12.803 mi.) — ROAD TO WAVECREST RESORTS HAWN TEL SUBSTATION (L) (12.915 mi., 13.005 mi., 12.980 mi.) — 13 MP (13.173 mi.) — KILOHANA SCHOOL FORD (13.253 mi.) — UALAPUE PLACE (13.421 mi.) — HIGHWAY — 14 MP — KALUAAHA BRIDGE (14.013 mi.) — KEALANUI OHINA PL. (14.126 mi.)

15.00 mi.

CONTINUES ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Divided Highway – Undivided
- Shoulder: Width and Type (ALL GRASS UNLESS NOTED): 4' AC; 2' – 4' AC (11.33–12.39); 4' AC / 2' GRASS; 2' – 4' AC (14.05–)
- Pavement: Width and Type: 20' AC (10.00–10.06); 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' (10.00–10.06); 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 (.795–.889; .031–.089)

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.): TEMP CONC BARRICADE (12.634–12.695; 12.885–12.925)

Illumination: Type, Location and Number: 11 INCA. (10.425–10.525)

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 | AD | C | A | F | A | B | A | B | A | BA | B | A | C | A | D | B | D | A | D | ABE | A | B | A | CA | B | A | BAD | 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): B | A | B | A | B | A | B | A | B | A | B | A | B | 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); 35 MPH (1) 35 MPH (2) (.396–.515); 20 MPH (2) SCHOOL ZONE 20 MPH (2) SCHOOL ZONE (.515–.723); 30 MPH (2) 30 MPH (1) (.723–.070); 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0450 00522; B75 0450 01325; B75 0450 01413

HPMS Sections – AADT 2020: 1,100; 970; 750

HPMS Sections – AADT 2019: 1,200; 910; 720

HPMS Sections – AADT 2018: 1,100; 940; 740

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)
- HWY-M-01-96M 1997 (14.03–14.05); 450B-01-94M 1996 RESURFACE (14.05–14.07)
- 450AB-01-89 1990 RESURFACE (12.35–14.07); 450B-02-88 1988 SHOULDER IMPROVEMENTS (14.35); STP-0450(5) 1994 GUARDRAIL SHDLR. IMPROV.
- 450AB-01-76M 1976 RESURFACE (11.33); 450B-01-76M 1976 RESURFACE (14.03–14.07); 450B-01-80M 1980 RESURFACE
- COUNTY

SCALE: (In Miles) 4" = 1 mile

10 | 11 | 12 | 13 | 14 | 15

Date Released
Oct 2004 GN

Revised	
Nov., 06	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
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July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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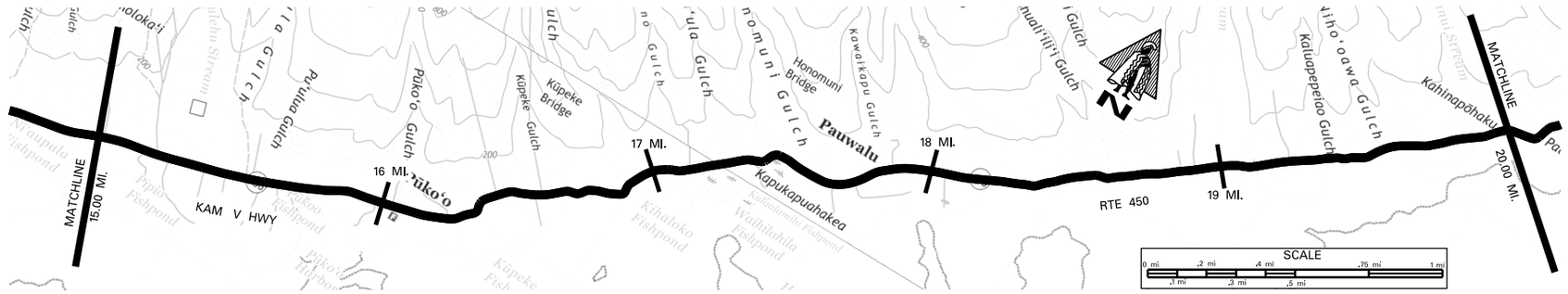
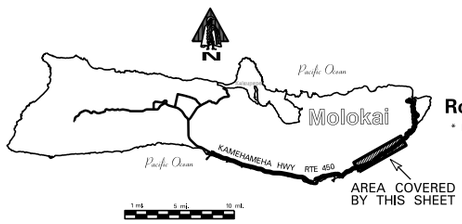
FEDERAL HIGHWAY ADMINISTRATION

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	42' SLAB 1950 (1968) HS20; 25' PRESTRESSED BEAM 1979 HS20; 16' PRESTRESSED BEAM 1979 HS20; 64'–2" PRESTRESSED CONC. GIRDER 2007, HL-93; 103' PRESTRESSED BEAM 1970 HS20
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	20'; 21'; 21'; 32'; 26'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES AND LARGE BUSHES W/ SOME HOMES AND OPEN PASTURE
Right of Way Fence: Type – Right and Left	WIRE ON METAL WIRE; 16.98
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE 130+00
Project No., Type of Construction, and Year Constructed	450B–01–02M RESURFACE 2003; 16.63; 450B–01–03M, RESURFACE, 2006; 17.98; 17.98 (ER–12(4), BRIDGE REPLACEMENT, 2007); 450B–01–03M, RESURFACE, 2006
Project No., Type of Construction, and Year Constructed	450B–01–94M RESURFACE 1996; 18.62; STP–0450(5) 1994; 19.06; COUNTY; 19.98; 450B–01–88M 1988 (R)



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.; 18.918 mi.; 18.982 mi.

CONTINUES ON SHEET #5

20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	2' – 4' AC; 18.62; 4' – 6' GRASS; 18.81; 0'; 18.90; 6' GRASS; 19.49; 0'; 19.64; 2' – 6' AC
Divided Highway – Undivided: Pavement: Width and Type	18' AC; .690; 16' AC; .900; (12'–20') AC
Divided Highway – Undivided: Shoulder: Width and Type	2' – 4' AC; 6' GRS; 18.70; 0'; 18.93; 6' – 8' GRASS; 19.38; 0'; 19.60; 8' GRS; 19.65; 2' – 6' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2–9'; .690; 2 – 8'; .900; 2–(6'–10')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	.469 .469; .607 .607; NONE; .872 .910; .020
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB= Concrete Barrier)	.505 .465; .631 .631; .594 .594; 16.88 .268 16.94; .443 .474; .840 .540; .923 .876; .040 .040; CB
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; 15.78; BAC; 15.90; A; 16.22; DC; 16.40; FE; 16.45; A; 16.51; AB; 16.62; AE; 16.72; D; 16.86; CAF; 16.94; DA; C; 17.07; D; 17.14; A; 17.29; D; 17.34; EB; 17.49; A; 17.59; C; 17.85; A; 18.81; CE; 18.87; CB; 18.97; AD; 19.38; A; 19.42; B; 19.49; A; 19.60; B; 19.70; C; 19.74; A; 19.94; CE; 19.97; D; 20.13; B; 20.24; AD; 20.42; A; 20.88; CB; 20.94; D; .032 .032; .079 .079
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; 16.78; B; 16.96; A; 18.70; A; 18.96; A; 19.09; B; 19.58; A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1); 16.00; ROLLING (2); FLAT (1)
Speed: 1–Design, 2–Posted	30 MPH (2); 20 MPH (2); .797
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	B75 0450 01413
HPMS Sections – AADT 2020	750
HPMS Sections – AADT 2019	720
HPMS Sections – AADT 2018	740
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	16.53; 130+00; 450B–01–03M, RESURFACE, 2006
	450B–01–94M 1996 RESURFACE; 18.62
	STP–0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS; 19.06
	450B–01–80M 1980 RESURFACE; 16.08; 16.21; 450B–01–81M 1981 RESURFACE; 18.85; 19.60; 450B–01–87M 1987 RESURFACE
	COUNTY

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.
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Dec. 13	E.P.J.
July 14	D.B.
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ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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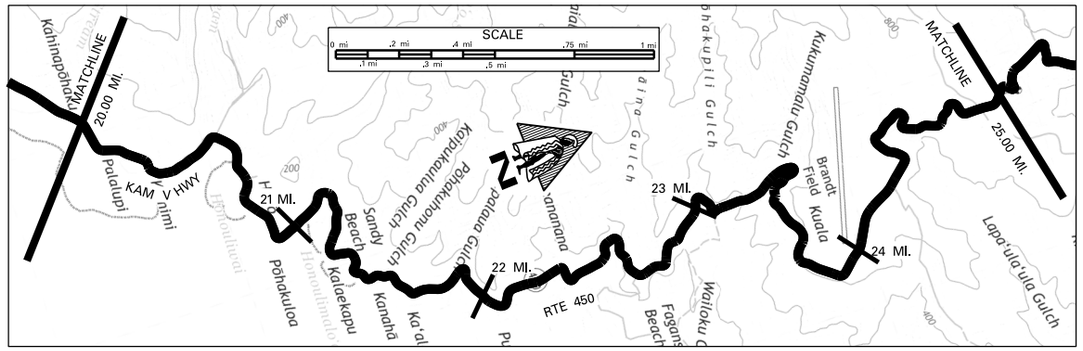
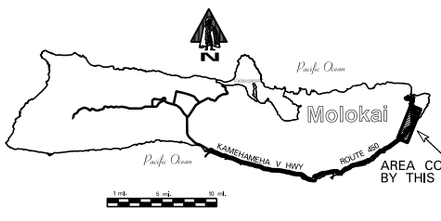
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 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	450B (17.43 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT 1960 HS20 56' ; TIMBER STRINGER 2008, HS-20 16'
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	12' ; 13'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.-max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES BUSHES AND SOME OPEN PASTURE
Right of Way Fence: Type – Right and Left	WOOD POST W/WIRE 10'-15' FROM PAVEMENT ; WOOD ON WIRE 10'-15' FROM PAVEMENT
Control of Access: 1-None, 2-Partial, 3-Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	(450B-01-05M, Bridge Replacement, 2008) ; 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)



Road Diagram
* MP = Milepost Signage

AREA COVERED BY THIS SHEET

CONTINUED FROM SHEET #4

20.00 mi.

HONOULIWAI BR. (3 ARCH CULVERT) — HONOULIMALOO BR. — KAMEHAMEHA V HIGHWAY — CULVERT — BRANT FIELD — RANCH ROADS

MP: 20 MP, 21 MP, 23 MP, 24 MP, 25 MP

20.032 mi. ; 20.519 mi. ; 21.120 mi. ; 21.095 mi. ; 23.010 mi. ; 23.009 mi. ; 24.007 mi. ; 24.202 mi. ; 24.936 mi. ; 24.923 mi. ; 24.917 mi.

CONTINUES ON SHEET #6

25.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	2' – 6' AC ; (2' AC)
Divided Highway – Undivided: Pavement: Width and Type	12'-20' AC ; (14' AC)
Divided Highway – Undivided: Shoulder: Width and Type	2' – 6' AC ; (2' AC)
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2-(6'-10') ; (2-7')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. CB = Concrete Barrier)	CB 20.082 ; 21.132 21.115 ; 21.177 21.159 ; 24.463 24.454
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)	D 20.03 AE 20.07 D 20.19 AEFE 20.24 D 20.41 COB 20.46 E 20.54 FEF 20.79 ABEB 20.98 EFC 21.07 DCB 21.27 EF 21.48 EFDE 21.58 DFD 21.68 F 21.83 EDF 21.91 D 21.98 F 22.10 EAD 22.20 E 22.35 BDA 22.47 F 22.54 EAC 22.65 F 22.76 E 22.77 FEF 22.90 CAE 23.18 F 23.06 EFEB 23.17 CD 23.26 E 23.32 F 23.35 ED 23.46 EF 23.47 ECAB 23.68 ED 23.76 DA 23.87 C 23.98 ACA 24.06 F 24.16 ED 24.54 FE 24.66 F 24.78 AC 24.90 E 24.95
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 22.16 B 22.37 D 22.42 B 22.46 C 22.65 E 22.80 C 23.01 E 23.17 C 23.31 E 23.87 C 23.98 B 24.48 (E)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	20.27 RURAL (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	ROLLING (2) ; 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 01413
HPMS Sections - AADT 2020	750
HPMS Sections - AADT 2019	720
HPMS Sections - AADT 2018	740
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

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

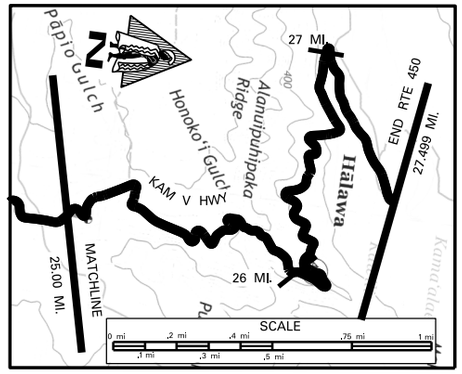
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 **miles**

a. Survey Length: 27.499 **miles**

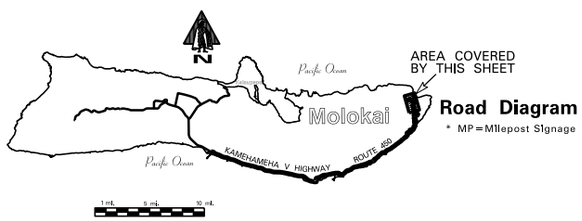
b. Proposed Length: 0.00 **miles**

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 (26.55)
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 = 60) (.689)
Project No., Type of Construction, and Year Constructed	450–01–05M, Resurf., 2008
Project No., Type of Construction, and Year Constructed	450B–01–92M RESURFACE 1993



Road Diagram
* MP = MIlepost SIgnage

CONTINUED FROM SHEET #5

25.00 mi.

CULVERT — FORD — 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. — 27.379 mi. — 27.438 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	12'–20' 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–(6'–10')
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)	(.001) (.027) (.302) (.080) (.080) (.022) (CC Curb)
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	(.053) (.027) (.012) (.384) (.080) (.141) (.833) (.020) (CRM) ROCK WALL
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)	F (.026) (.026) B (.026) AFDE (.043) FEC (.047) AE (.047) FE (.047) F (.047) DFB (.026) FE (.026) FEC (.047) FE (.026) E (.026) E (.047) E (.026) F (.047) BF (.047) CA BD (.026) FC (.026) DFE (.026) FED (.026) EDEC (.047) (.047) EDC (.047) DEF
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 (.026) D (.026) C (.026) F (.026) E (.026) D
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL (99999)
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(.998) MOUNTAINOUS (3) (.210) 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 01413
HPMS Sections – AADT 2020	750
HPMS Sections – AADT 2019	720
HPMS Sections – AADT 2018	740
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

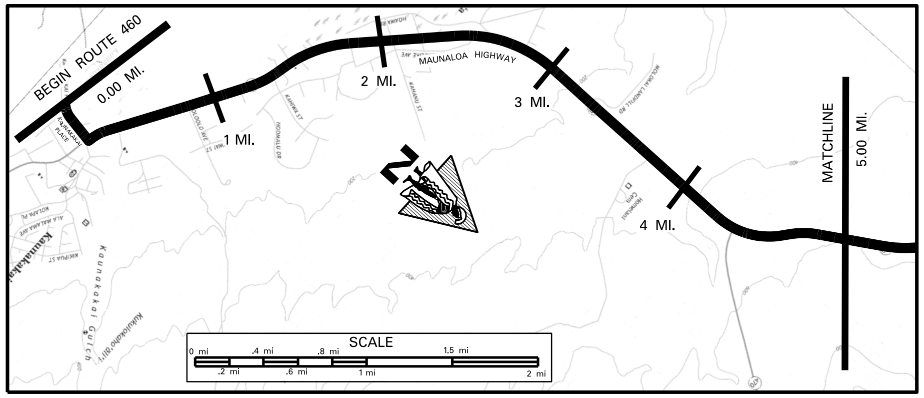
Revised	
Nov., 06	D.B.
Feb., 09	D.B.
Feb., 11	D.B.
Feb., 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb., 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

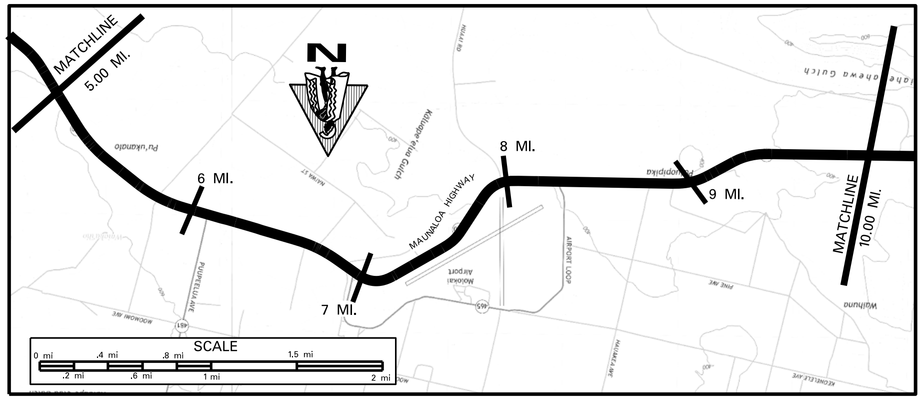
ROAD INVENTORY
MOLOKAI RTE 460
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

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



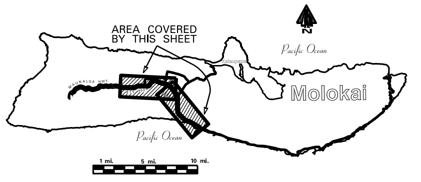


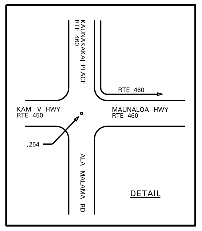
SCALE: (In Miles) 2″ = 1 mile

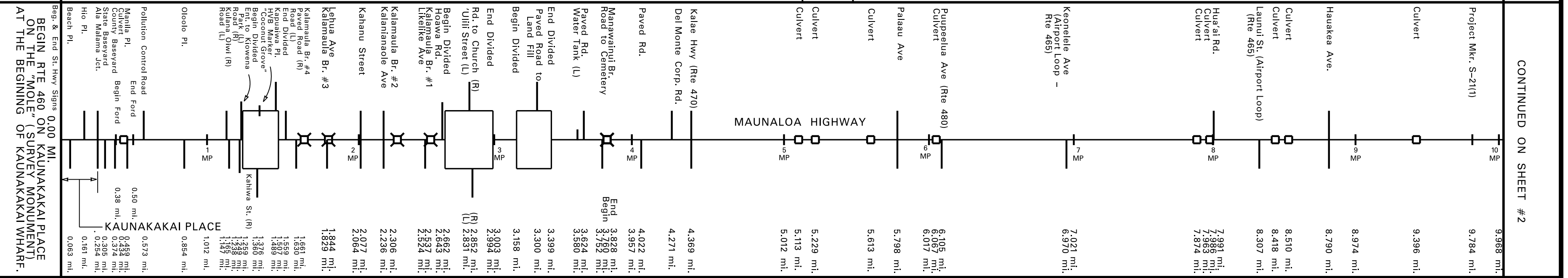
Item	Entries (0 to 10 mi.)
Maintenance Control Sections : Length and Description	Begin 460A Same As Begin Rte 460; 460A (16.56 mi.)
Structure Carrying Road – Bridges (Over 20′): Length, Type, Capacity and Year Constructed	Culvert 1959 (1971) HS–20, 73′ (0.43); Slab 1954 H–20, 35′ (1.66), 35′ (1.83), 35′ (2.29), 35′ (2.54); Prestressed Conc. Girder 1988, HS–20–44, 364′ (3.76)
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	36′ (0.43); 36′ (1.66); 36′ (1.83); 36′ (2.29); 36′ (2.54); 41′ (3.76)
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80′ to 3.17; 70′–160′ 3.17–4.19; 80′–160′ 4.19–5.72; 50′ 5.72–6.91; 80′–110′ 6.91–7.84; 100′ 7.84–9.80; 80′–400′
Available Right of Way Width (Needs Study)	Residential Area to 1.53; 1.53–2.02; 1000′ Clear – Grass, Bushes 10′–15′ from Pavement to 4.45; 1000′ Clear Pineapple 15′–25′ from Pavement 4.45–5.71; Ranch and Pasture to 7.04; Airport 30′ 7.04–7.49; Clear 1000′ Pineapple/Grass Pasture
Right of Way Fence: Type – Right and Left	Wire on Wood 10′ from Pavement 2.02–4.01; Wire on Wood 10′ from Pavement 1.98–4.01; Wire on Wood 10′ from Pavement 6.04–8.31; ChainLink 7.09–7.49
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State; 146+00; 42+00; 29+00; 395+00
Project No., Type of Construction, and Year Constructed	5.09 ARR–0460(14), Resurface, 2011 to 7.05; 7.28 460A–01–10M, Resurface, 2015 to 9.13; 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







SCALE: (In Miles) 2″ = 1 mile

Item	Entries (0 to 10 mi.)
Divided Highway – Undivided – Shoulder: Width and Type	20′ PCC (Truck Wt. Sta.); 4′ AC to 0.39; 8′ AC 0.39–0.50; 4′ AC 0.50–0.93; 0.99; 4′ AC; (22′–24′ AC); (8′ PCC); 4′ AC to 5.10; Beg. Shldr. Rumble Strip 5.10–5.87; 8′ AC to 6.73; 4′ AC 6.73–6.85; 8′ AC 6.85–6.93; End Shldr. Rumble Strip 7.27; 7.55 Shldr. Rumble Strip 7.84; 8.00 4′ AC, Shldr. Rumble Strip to 9.06; 9.35 Shldr. Rumble Strip
Divided Highway – Undivided – Pavement: Width and Type	24′ AC; 12′ AC; 22′–24′ AC; 11′–12′ AC; 11′–12′ AC; 22′–24′ AC (22′–24′ PCC); 22′–24′ AC to .100; 24′ AC to .200; (8′ AC) 6.93; 22′–24′ AC; Shldr. Rumble Strip; .000 24′ AC
Divided Highway – Undivided – Shoulder: Width and Type	4′ AC to 0.39; 8′ AC 0.39–0.50; 4′ AC; 0; 4′ AC; 0; 4′ AC; 0; 4′ AC (8′ PCC); 7′ AC 3.91; 4′ AC to 4.63; 6′ AC 4.63–4.89; 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 Highway – Median: Width and Type	0.39; 12′ Painted AC .259–.507; 12′ Painted AC .662–.994; .158 0′–11′ Painted AC .339; 3.76; 3.83; 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
Divided Highway – Median Barriers:	
Divided Highway – Shoulder: Width and Type	0; 0; 0
Divided Highway – Pavement: Width and Type	12′ AC; 11′–12′ AC; 11′–12′ AC
Divided Highway – Shoulder: Width and Type	4′ AC; 4′ AC; 4′ AC
Number of Traffic Lanes	2–12′ to .259; .831 12′ .953; 2–(11′–12′) to .100; 2–12′ to .200; 2–(11′–12′) to .000; 2–12′
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–11′ (L) TL .360–.432; .852–.893 11′; 12′ .300–.422; 12′ .312–.369 12′ .427; 12′ Lanes
Auxiliary Lanes and Parking Lanes: (Right Side)	.732–.831 11′; .235–.300 9′
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)	.414–.467; .590; .003; .159; .636; (AC Curb) .097 .217 .242 .303 .405 .531; (4′ Conc. G.) .832 .877 .831 .875 .830 .874; .109 .149; .172 .260 (2′ Conc. Gutter); (3′ Conc. Gutter) .464 .623 .639 .899; (AC Curb) .940 .012 .229 .276; AC Curb .783 .063; AC Curb .359 .667; AC Curb .216 .729 .852 .927; .884 .861 (AC Curb)
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	
Illumination: Type, Location and Number	.012 .047; .413 .453 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; .486 .559 .614; .845 .986; .231 .232 .335 .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 to 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)); 15 MPH (2) .030; .153 (20 MPH (1)) .647; 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 00046; B75 0460 00086; B75 0460 00136; B75 0460 00437; B75 0460 00696
HPMS Sections – AADT 2020	1,500; 0.25 5,200; 0.86 5,500; 1.36 4,600; 4.37 2,400; 6.96 1,200
HPMS Sections – AADT 2019	1,300; 6,000; 5,600; 5,300; 2,500; 1,200
HPMS Sections – AADT 2018	1,400; 6,108; 5,599; 5,594; 2,700; 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–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 7.85; F–34(2), 1952 9.80 Sta. 0+00; Sta. 463+28; Sta. 360+00; (FAS 21(1), 1949)

SCALE: (In Miles) 2″ = 1 mile

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MOLOKAI RTE 460

KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

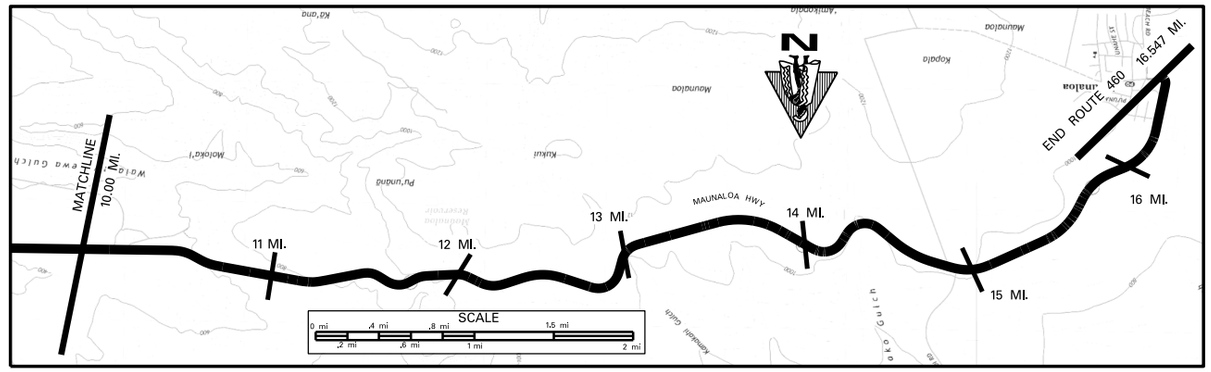
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

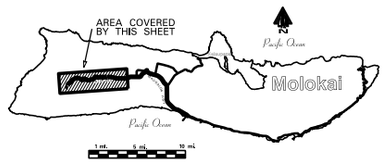
Right of Way Fence: Type – Right and Left: Wire on Wood 20'–30' from Pavement (10.26–12.69); Wire on Wood 20'–30' from Pavement (10.26–12.09)

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; STP–0460(016), Resurface, 2015

Project No., Type of Construction, and Year Constructed: STP–0460(12) Resurface, 1998; 460A–01–99M, Resurface, 2000



Road Diagram

* MP=Milepost Signage

CONTINUED FROM SHEET #1

Culvert; Culvert; Kalua Koi Rd.; End Divided; Kaana St. Begin Divided

MAUNALOA HWY

MP: 10.50, 11, 11.50, 12, 12.50, 13, 13.50, 14, 14.50, 15, 15.50, 16, 17

10.477 mi., 10.839 mi., 10.956 mi., 11.13 mi., 11.472 mi., 11.959 mi., 12.476 mi., 12.929 mi., 13.424 mi., 13.998 mi., 14.491 mi., 14.956 mi., 14.922 mi., 15.468 mi., 15.999 mi., 16.208 mi., 16.311 mi., 16.377 mi., 16.547 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH TS VIDEOLOG & TS FEATURES DATABASE.
END RTE 460 ON MAUNALOA HIGHWAY AT THE CENTERLINE MONUMENT OF THE WEST END OF MAUNALOA VILLAGE St. @ "END STATE HIGHWAY" SIGN. 16.547 MI.*

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

Number of Traffic Lanes: 2–12'; 2–(11'–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) All 2' Conc. Gutter unless otherwise noted

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); Rolling (2)

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0460 00696; B75 0460 01492

HPMS Sections – AADT 2020: 1,200; 660

HPMS Sections – AADT 2019: 1,200; 710

HPMS Sections – AADT 2018: 1,200; 830

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; RS–0900(24), Resurface, 1986; 460B–01–83M, Resurface, 1983; (46A–01–71, 1971); 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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MOLOKAI RTE 470
KALAE HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

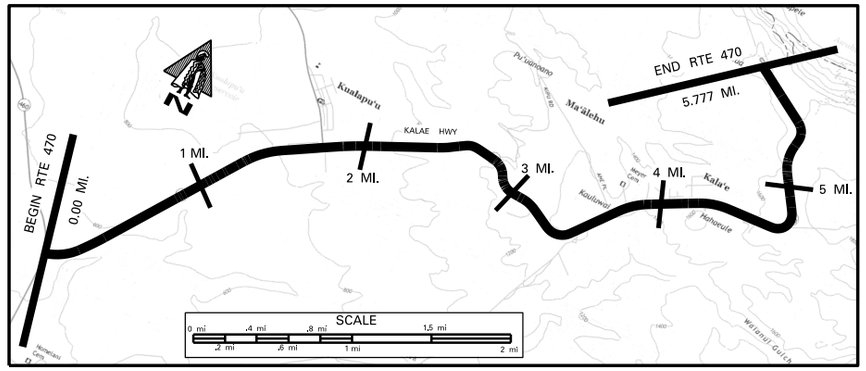
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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' (2.49); 60' – 70' (5.09); 60' – 130'

Right of Way Width (min.–max.) if varies: 1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT; RES. AREA (.457, .589); PASTURE AREA W/ SOME HOUSES (2.29); 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 (5.56)

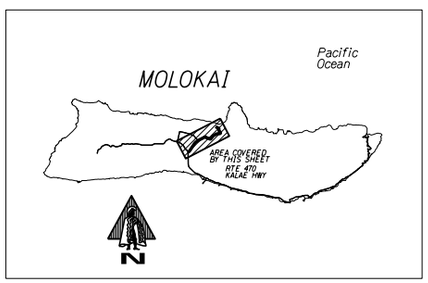
Right of Way Fence: Type – Right and Left: NONE

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 – 28; 07 – 00)

Project No., Type of Construction, and Year Constructed: 470A–01–16M, (R), 2021 (.777)

Project No., Type of Construction, and Year Constructed: ARR–0470(6), PREVENTIVE MAINTENANCE, 2010 (.000)



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 MP; 0.50 MP; 1 MP; 1.50 MP; 2 MP; 2.50 MP; 3 MP; 3.50 MP; 4 MP; 4.50 MP; 5 MP; 5.50 MP

CULVERT 0.401 mi.; ROAD 0.869 mi.; 1.50 MP TRACTOR XING 1.474 mi.; N. KIAPA ST. 1.557 mi.; N. NONI ST. 1.636 mi.; N. EHAKO PL. 1.733 mi.; FARRINGTON AVE (RTE 4801) 1.738 mi.; LAUHIKI PL. 1.788 mi.; MICROWAVE COMM. STATION 1.97 mi.; CULVERT 2.496 mi.; KIPU ROAD (GOLF COURSE) 2.47 mi.; ROAD TO WATER TANK 2.88 mi.; RD. TO SUGAR MILL (MOLOKAI MUSEUM) 2.742 mi.; KALAE HOUSING 3.09 mi.; MOLOKAI GOLF COURSE 3.50 mi.; (AHE PL.) 3.464 mi.; NANIKAI PLACE 3.801 mi.; KALAMA ROAD 3.762 mi.; KAHI PL. 3.801 mi.; R.W. MEYER LTD. ROAD 3.97 mi.; RD. TO WATER TANK 4.047 mi.; RD. TO STATE PARK DRIVEWAY 4.177 mi.; PAVILION 4.288 mi.; PARKING AREA 4.47 mi.; RD. TO CAMP AREA 4.728 mi.; 4.669 mi.; 5.10 mi.; 5.327 mi.; 5.232 mi.; 5.501 mi.; 5.657 mi.; 5.812 mi.; 5.559 mi.

END ROUTE 470 ON KALAE HIGHWAY AT THE NEW KALAUPAPA ENTRANCE TO THE NEW KALAUPAPA LOOKOUT PARKING LOT. *5.777 MI.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "GIS VIDEOLOG & "15" FEATURES DATABASE.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 6' AC; 8'–9' AC
- Pavement: Width and Type: (22'–24') AC; (18'–20') AC; (22'–24') AC
- Shoulder: Width and Type: 6' AC; 8'–9' AC
- Median: Width and Type: CENTERLINE MILLED RUMBLE STRIP; CENTERLINE MILLED RUMBLE STRIP; CL MILLED RUMBLE STRIP
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2–(11'–12'); 2–(9'–10'); 2–(11'–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

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); ROLLING (2)

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0470 00000; B75 0470 00175; B75 0470 00276; B75 0470 00429

HPMS Sections – AADT 2020: 1,700; 750; 740; 160

HPMS Sections – AADT 2019: 2,100; 906; 800; 150

HPMS Sections – AADT 2018: 2,400; 890; 886; 240

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 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A–01–00M 2001 RESURFACE
- STP–0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT; RS–0470(3) 1982 RESURFACE; 470A–01–92M 1993 RESURFACE
- HWY–M–01–85M 1985 RESURFACE; HWY–M–01–82M 1982 RESURFACE; RS–0900(24) 1986 RESURFACE; REALIGNMENT 1971
- F–047–1(1) 1957, 1958; WPH – 19B 1936; COUNTY; S–047(1) & S–047(2) 1970

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.
Nov 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

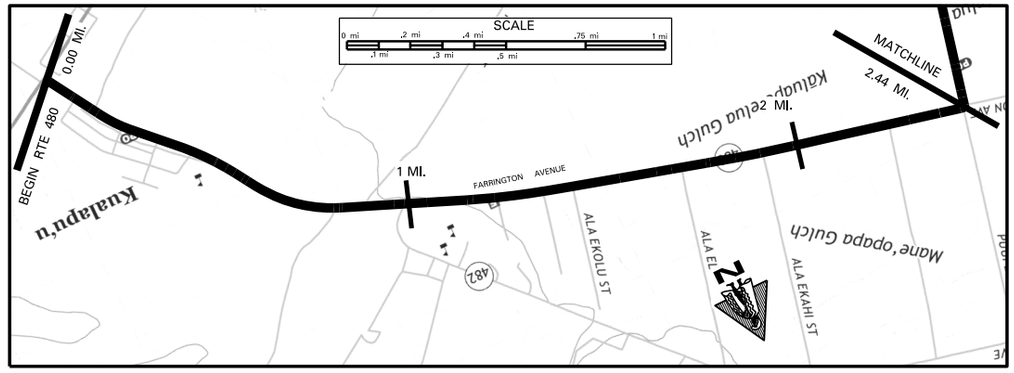
MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

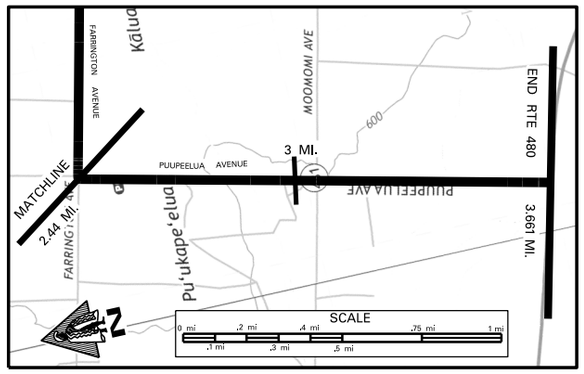
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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.) — 3.65 End 480A on Puupeelua Avenue 50' North of North edge of pavement of Maunaloa Highway.

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: + 60' (0 – 2.44); 80' (2.44 – 3.65)

Available Right of Way Width (Needs Study): RES. (0.26); CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT (0.26 – 0.87); CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT (0.87 – 3.65)

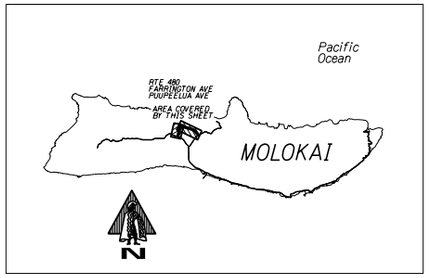
Right of Way Fence: Type – Right and Left: WIRE ON WOOD 15' – 20' FROM PAVEMENT (1.54 – 2.45)

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 (128 + 70 to 0 + 17)

Project No., Type of Construction, and Year Constructed: ARR–0480(3), RESURFACE, 2010 (0.00 – 3.65)

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.

FARRINGTON AVENUE

Point	Mile
HULIA STREET PLANTATION STORE	0.046 mi.
'UWAO STREET	0.089 mi.
ALAEKEA STREET	0.229 mi.
EPANE STREET	0.330 mi.
	0.459 mi.
LIHI PALI AVE.	0.989 mi.
H.S. EXIT PARKING LOT	1.058 mi.
FIRE STATION & KEENA PLACE PARKING LOT	1.116 mi.
LEI KUKUI PLACE	1.230 mi.
ALA EKOLU ST. & 1 MILE MEASURED	1.209 mi.
ALA ELUA STREET	1.348 mi.
ALA EKAHI STREET	1.424 mi.
	1.704 mi.
	1.916 mi.
	2.00 mi.
ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE.	2.438 mi.
END MEASURED MILE	2.42 mi.
POST OFFICE ROAD	2.500 mi.
MOLOKAI BAPTIST CHURCH	2.706 mi.
MO'OMOMI AVE	3.056 mi.
	3.010 mi.
CULVERT	3.638 mi.

PUUPEELUA AVENUE — 3.661 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG & '15 FEATURES DATABASE.

END ROUTE 480 ON PUUPEELUA AVE. AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (ROUTE 460)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC
- Pavement: Width and Type: (22'–24') AC (0 – 2.44); 22' AC (2.44 – 3.65)
- Shoulder: Width and Type: 6' AC

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

Number of Traffic Lanes: 2–(11'–12') (0 – 2.44); 2 – 11' (2.44 – 3.65)

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 – .080); 6' C.S.W. (.987 – .995)

Curb and/or Gutter: Type (Right and Left) CONCRETE CURB AND GUTTERS: C.C. 2'C.G. (.000 – .086); 6' CRM Ditch (.149 – .526); .698 – .902; C.C. 2'C.G. (.987 – .995); .807 – .900

Protective Devices: Type, Location and Number All Metal Rails on Metal Posts unless otherwise noted. .386 – .853; .827 – .907

Illumination: Type, Location and Number: 1 MV (.070); MV (1.07); 1 MV (1.24); 1 MV (1.46); 1 MV (1.72); 1 MV (1.93); 1 MV (3.39)

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) .070 — A — 2.43 (F) 2.45 — 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 — .198 — C — .384 — B — 2.18 — C — 2.32 — A — 3.07 — C — 3.39 — A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) (.189 – .202; .515 – 3.65)

Speed: 1–Design, 2–Posted: (35 MPH (1)) — .004 — 35 MPH (2) — .095 — 20 MPH (2) — .318 — 35 MPH (2) — (35 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0480 00033 (0 – 2.44); B75 0480 00244 (2.44 – 3.65)

HPMS Sections – AADT 2020: 1,600 (0 – 2.44); 1,800 (2.44 – 3.65)

HPMS Sections – AADT 2019: 2,000 (0 – 2.44); 1,600 (2.44 – .461); .461

HPMS Sections – AADT 2018: 2,000 (0 – 2.44); 2,000 (2.44 – 3.65)

DOD Sections

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 (0 – 2.45)

S–0480–(1) UNIT 1 1965 (0 – 1.170); S–0480(1), UNIT 2 1965 (0 + 00 – 64 + 50); S–1(2) 1947 (2.45 – 3.65)

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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

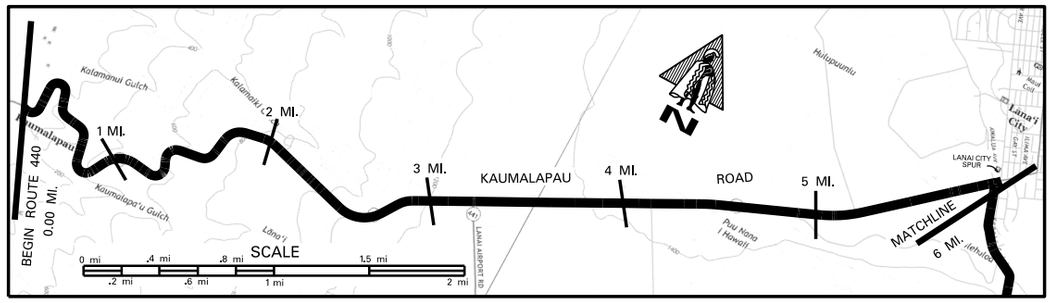
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

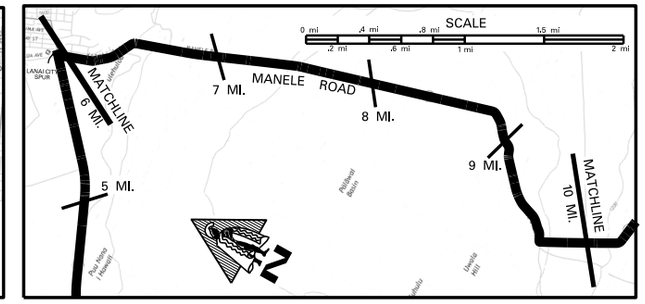
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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' (5.93) | 80' – 130' (5.33) | 100' (5.02) | 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 (188 + 00) (9.57) (16 + 10) (10.00)

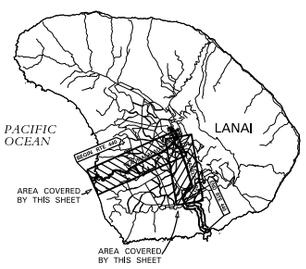
Right of Way Fence: Type – Right and Left: NONE — 440B–01–11M Repair and Maint., 2015

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): 0 + 00 — (117 + 00) STATE (161 + 00) (207 + 00) (259 + 00) (310 + 60) 0 + 00 (32 + 50) STATE (193 + 50) (7 + 00)

Project No., Type of Construction, and Year Constructed: 440A–01–10M, PREV. MAINT., 2011 (5.27) — (440A–01–99M, Resurf, 2000) — 440A–01–03M, Resurf, 2005 (3.12) — 440A–01–01M, (R), 2004 (4.99) — 440A–01–07M, Resurf., 2008 (5.97) — 440B–01–04M, Resurf., 2005 (6.69) — 440B – 02 – 98M, R, '99 (7.38) — (440B–01–04M, Resurf., 2005) (9.74) (9.96)

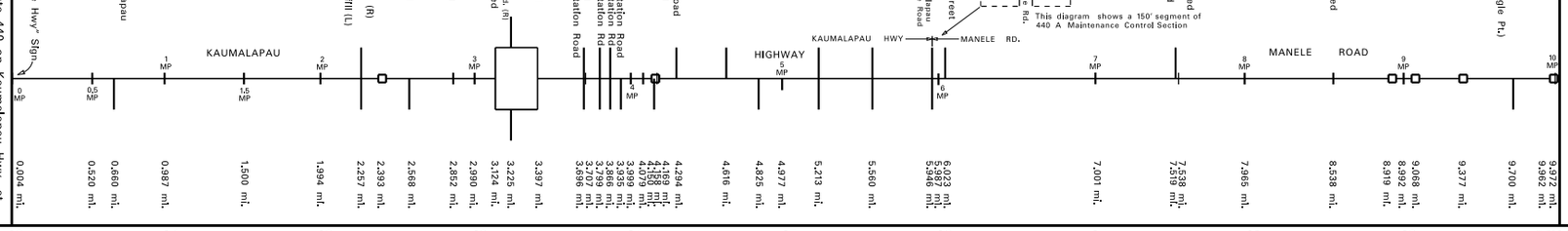
Project No., Type of Construction, and Year Constructed: (0.00) HWY – M – 02 – 97M, Shldr. Paving, 1998 (3.05) — 440A–01–02M, (R) 2003 (4.00) — 440A–01–96M, 1997 — STP – 0440(6) Resurf. Worksite #1 1996 (5.97) — 440B 01 – 98M 1999 (Resurf.) (7.01) — STP–0440 (5), 1995 (Resurfacing & Improvements) (9.74)



Road Diagram

* MP=Milepost Signage

Begin Route 440 on Kaumalapau Hwy., at Kaumalapau Harbor, at the centerline mon. 175' E. of the E. boundary of the Standard Oil Co. fuel – storage lot. 0.00 mi.



CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided

- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC | 2' AC | 4' GRS/GRV (25' Grass, 25' Dirt)
- Pavement: Width and Type: (22'–24') AC | 11'–12' AC | (22'–24') AC | (20'–22') AC | (18'–20') AC
- Shoulder: Width and Type — ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED: 6' AC | 6' GRV | 6' AC | 0 | 6' AC | 6' GRV | 2' AC | 4' GRS/GRV (25' Dirt)
- Median: Width and Type: 10' PAINTED AC
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 11'–12' AC
- Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2–(11'–12') | 2–(10'–11') | 2–(9'–10')

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

(Right Side): 11' TLs

Frontage Road: No. of Lanes, and Width (Right and Left): NONE — 6' AC SWALE

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

Curb and/or Gutter: Type (Right and Left) — CONC, GUTTERS: 6' Conc. | 4' Conc.

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

Illumination: Type, Location and Number: NONE — 6' AC SWALE

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): BD A E AD AE A E AC AE E A D A D A C A C A C A FA DB A B A EA DC A C DC A B A C BD AE 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 C B A B A B C D C B A C A

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 | P76 0440 00407 | B76 0440 00603

HPMS Sections – AADT 2020: 48 | 990 | 1,147

HPMS Sections – AADT 2019: 153 | 1,100 | 1,600

HPMS Sections – AADT 2018: 150 | 990 | 1,600

DOD Sections: 3.23

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits

- 5.02 HWY – M – 02 – 97M, Shldr. Paving, 1998
- 440A–01–99M, Resurf, 2000
- 440A–02–88, Shldr.Imp, 1988
- RS–0440(2) Resurf, 1986
- 440A–01–78M Resurf, 1979
- 440A 02 81 Imprv. 1981
- 2.20 440A–01–03M, Resurf, 2005
- 440A–01–90M, Shldr. Paving, '90
- (440–A–01–81M Imprv, 1981)
- S–0440(1) 1959
- 440A–01–90M, Shldr. Paving, 1998
- 440A–01–96M, 1997
- RS–0440(3) Resurf, 1987
- 440A–01–73 Resurf. 1975
- STP–0440(6) Resurf. Worksite #1 1996
- 440B–01–98M (R) 1997
- STP–0440(5) 1995 (Resurfacing & Improvements)
- STA. 310 + 73.91
- COUNTY

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec. 2002	T.S.
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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.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

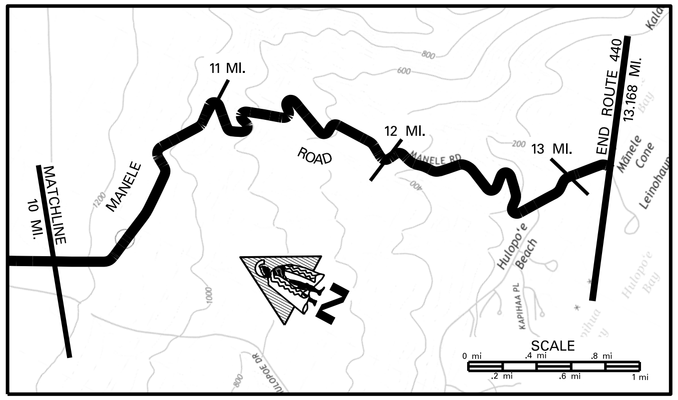
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

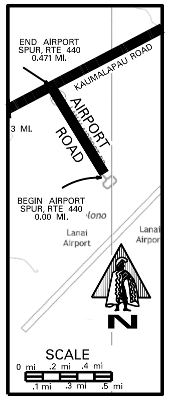
PREPARED BY THE
HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.168 mi.
AIRPORT SPUR	=	0.471 mi.
LANAI CITY SPUR	=	0.026 mi.
TOTAL	=	13.665 mi.

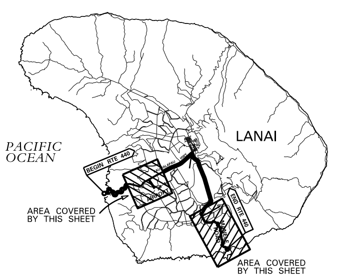
Total Designated Route Length: 13.665 * MILES (a + b)
a. Existing Length: 13.665 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.665 * MILES (a + b, less c)
a. Existing Length: 13.665 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



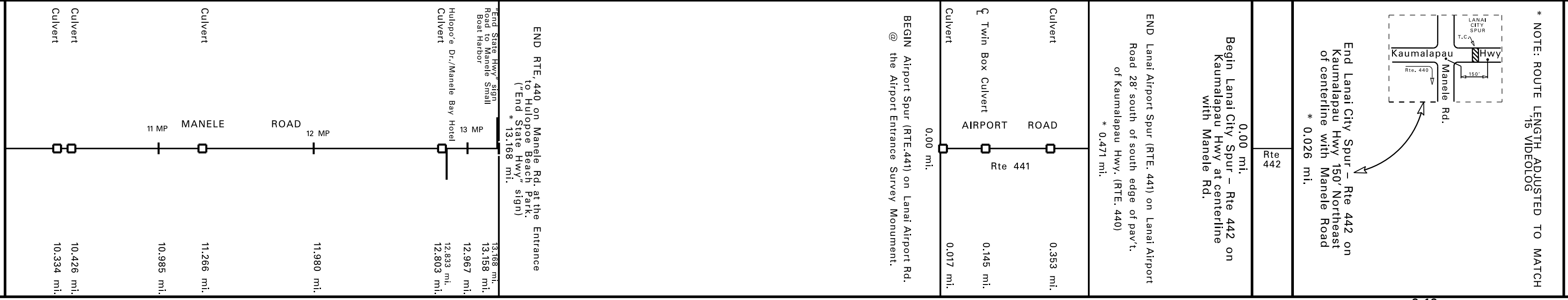


SCALE: (In Miles) 2″ = 1 mile	10 – 11 – 12 – 13	13 – 14 – 15 – 0	0 – .5	0 – 0		0 – 0.10
Maintenance Control Sections : Length and Description	440B (7.21 mi.)	End 440 B Same as End Route; Beg 440 A Same as Beg. Airport Road (Spur)	440A (0.57 mi.)	End 440 A Same as End Airport Road (Spur)		
Structure Carrying Road: Bridges (Over 20′): Length, Type, Capacity and Year Constructed	NONE					
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	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 104+00		NONE			
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	10.03 98+00 State 106+00 174+00 178+00		STATE			
Project No., Type of Construction, and Year Constructed	← 440B–01–11M Repair and Maint.,2015 → 11.58 11.69 11.70 440B–01–04M, Resurf., 2005 12.94 13.02 440B–01–11M Repair and Maint.,2015 13.09	←STP–0440(6) (Resurface)	440A–01–88M Resurf.	310+60		312+24
Project No., Type of Construction, and Year Constructed	16+10 440A–01–92M(R) 1992 171+50 12.96 13.20	(Worksite #2 1996)	1987		←(440A–01–07M Resurf., 2008)	



Road Diagram

* MP = Milepost Signage



END RTE. 440 on Manele Rd. at the Entrance to Hulopoe Beach Park. ("End State Hwy" sign) * 13.168 mi.

BEGIN Airport Spur (RTE.441) on Lanai Airport Rd. @ the Airport Entrance Survey Monument.

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.

0.00 mi. Begin Lanai City Spur – Rte 442 on Kaumalapau Hwy at centerline with Manele Rd.

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	10 – 11 – 12 – 13	13 – 14 – 15 – 0	0 – .5	0 – 0		0 – 0.10
Divided Highway, Undivided: Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25′ Dirt → 10.05 6′ 10.29 2′ 10.85 0 10.96 11.03 1′–3′ 0 11.29 2′ 11.46 11.51 11.55 0 11.75 2′–4′ 12.11 0 2′ 12.92 0 12.97 2′	All Gravel	6′ 0.09 6′			
Pavement: Width and Type	(18′–20′) AC 4′–8′ .100 11.22 0 4′–8′ 2′ 2′–4′ 20′ AC 2′–4′ GRS/GRV 12.80		20′ AC		24′ AC	
Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25′ Dirt → 10.05 6′ 10.34 4′–8′ 10.68 2′ 11.18 8′–10′ 11.26 6′ 11.49 0 11.70 12′ 11.75 11.79 0 11.83 11.92 0 11.98 4′ 12.04 0 12.12 2′ 12.40 0 12.49 0 12.53 12.58 2′ 0 12.69 12.77 12.85 8′–10′ GRS/GRV 2′–4′ 13.04	←6′–12′ All Gravel	4′ 0.09 3′			
Divided Highway: Median: Width and Type						
Shoulder: Width and Type						
Pavement: Width and Type						
Shoulder: Width and Type	13.16					
Number of Traffic Lanes	2–(9′–10′) .100 2–10′		2–10′		1–11′ 1–10′	
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)	.111 .162 .199 .226 .332 .466 .609 .720 NONE .198 .256		NONE		5′ Conc.	
Curb and/or Gutter: Type (Right and Left)	.685 .728 AC C. AC C. AC C. AC C. AC C. .365 .557		.126 .164 NONE .457 .470		NONE	
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	.583 .654 .684 .685 .721 .728 .831 .904 .977 .046 .148 .247 .326 .467 .502 .547 .683 .724 .755 .917 .052 .195 .279 .458 .508 .630 .919 .975		M/M M/M M/M .125 .163		NONE	
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)	A .179 E .241 A .410 B A .590 E .732 A .871 E A .959 F A .091 E A .156 F .298 A .408 F .552 A .672 F .782 A .897 E A .960 E .088 D .154 C E .252 A E .381 .446 A .533 F A .612 F .702 A E FA .906 D E .013 A E	(F)→	.013 A A		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 .110 D .575 E		A .149 B .440 C		B C .014	
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) 10.35 MOUNTAINOUS (3) 13.16	←FLAT (1)	FLAT (1) .447		←(FLAT (1))	
Speed: 1–Design, 2–Posted	35 MPH (1) 35 MPH (2) .762 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 00603; B76 0440 01284		B76 0441 00000		B76 0442 00000	
HPMS Sections – AADT 2020	1,147 12.84 507		363		2,103	
HPMS Sections – AADT 2019	1,600 680	13.18	383		3,258	
HPMS Sections – AADT 2018	1,600 672		377		3,200	
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 13.16		S – 0440(1)			
	440B – 01 – 82M(R) 1982 11.25 11.87 440B – 01 – 83M(R) 1983		1959			
SCALE: (In Miles) 2″ = 1 mile	10 – 11 – 12 – 13	13 – 14 – 15 – 0	0 – .5	0 – 0		0 – 0.10

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