STATE ROUTE SYSTEM

COUNTY OF MAUI

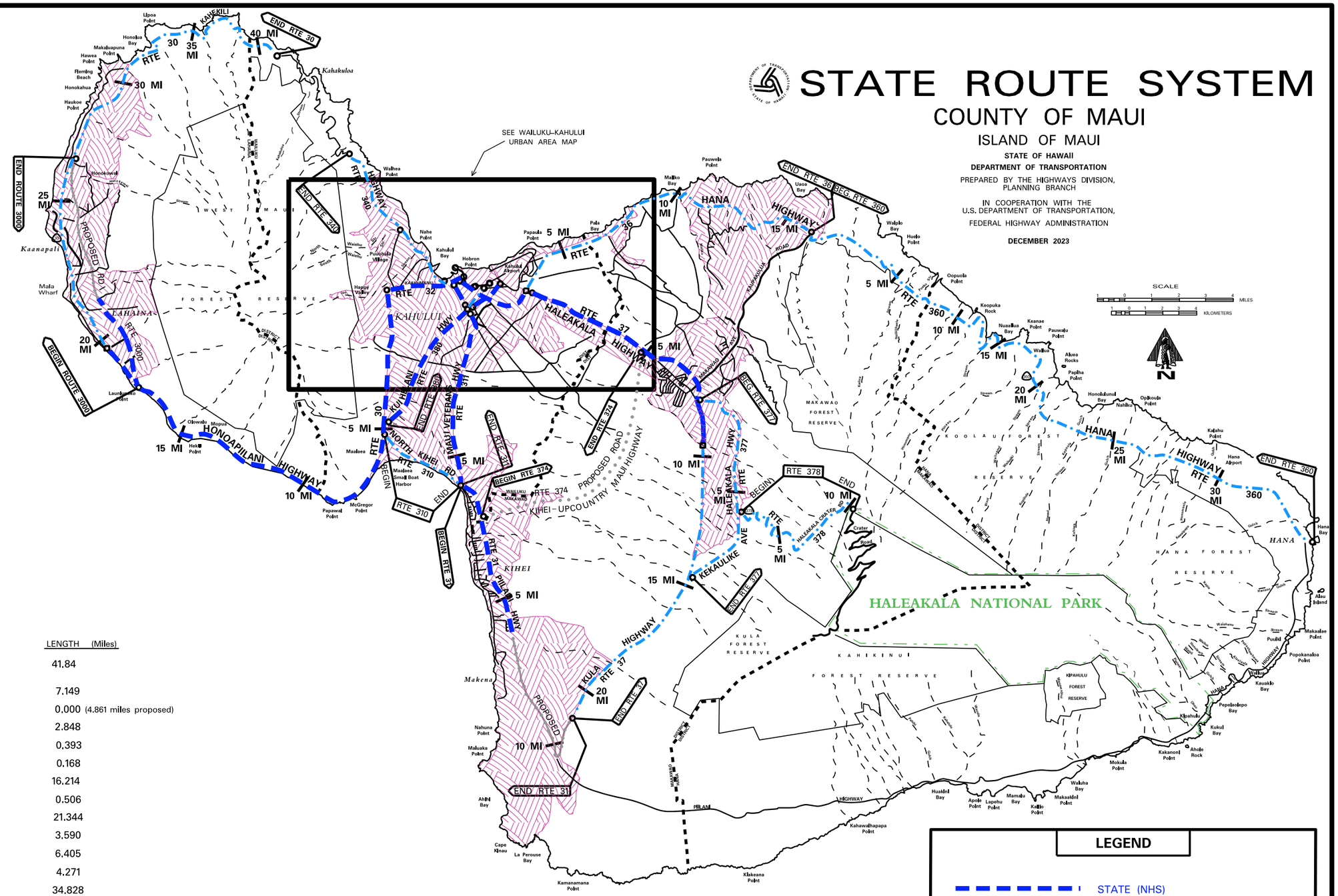
ISLAND OF MAUI

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 2023



MAUI:

ROUTE		LENGTH (Miles)
* 30	(High St., Honoapiilani Hwy., Kahekili Hwy.)	41.84
* 31	(Piilani Hwy.)	7.149
31	(Piilani Hwy. extension)	0.000 (4.861 miles proposed)
32	(Main St., Kaahumanu Ave.)	2.848
32A	(Hobron Ave.)	0.393
32B	(Wharf St.)	0.168
* 36	(Hana Hwy.)	16.214
36A	(Haleakala Hwy., Keolani Pl.)	0.506
* 37	(Haleakala Hwy., Kula Hwy.)	21.344
310	(North Kihei Rd.)	3.590
311	(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	(Honoapiilani Hwy. (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 = 174.397

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

COUNTY OF MAUI:

	LENGTH (Miles)
MAUI	174.397
MOLOKAI	53.484
LANAI	13.665
TOTAL	**241.546**

LEGEND

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

Date Released	
Dec 2002	DK
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

STATE ROUTE SYSTEM

COUNTY OF MAUI

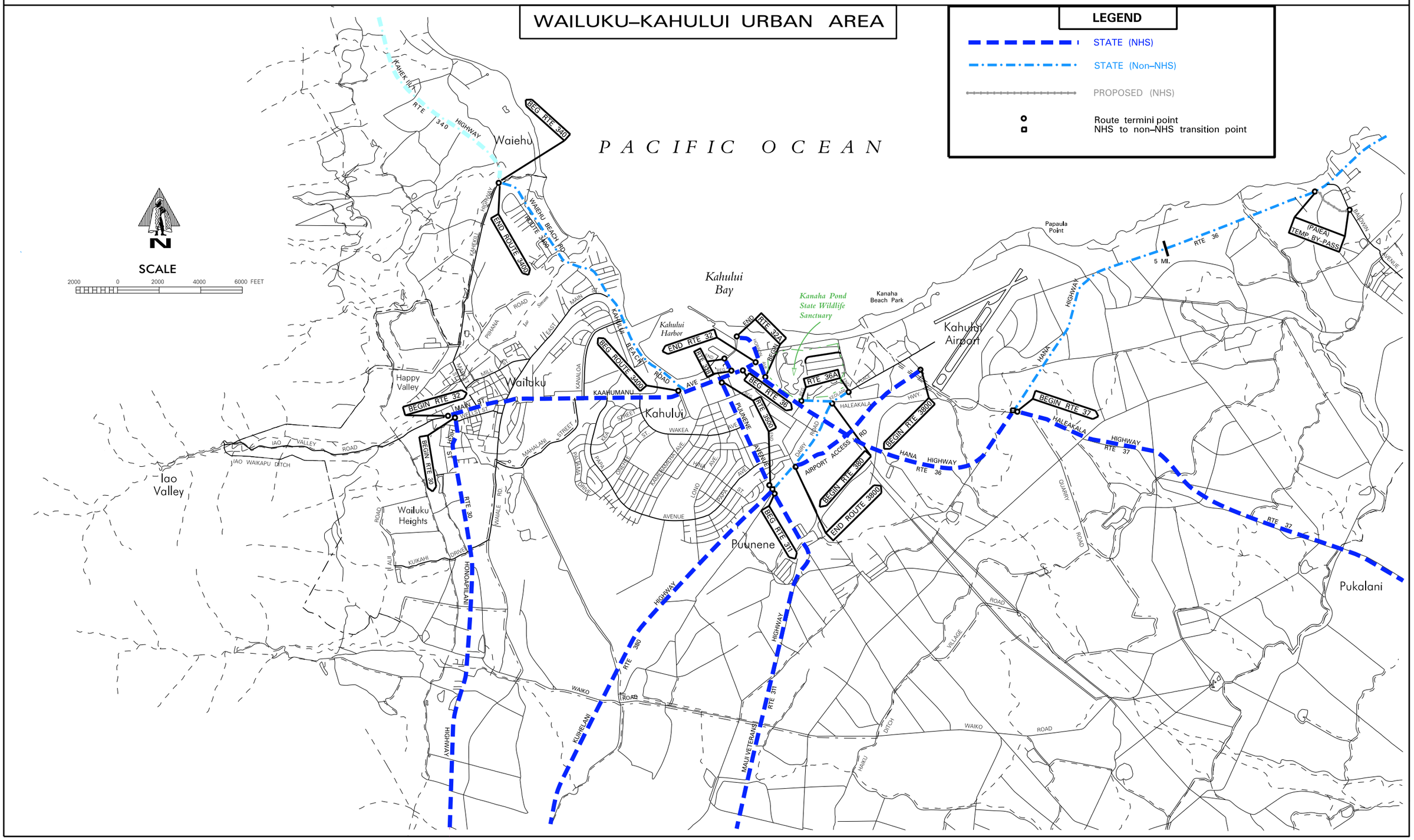
ISLAND OF MAUI

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 2023

WAILUKU–KAHULUI URBAN AREA



Date Released	
Dec 2002	DK
Revised	
Jan. 04	DB
Jul. 08	DB
Jul. 11	DB
Jul. 12	DB
May 13	EPJ
Dec 14	EPJ
Jun. 16	EPJ
Dec 16	EPJ
Jul. 18	DB
Nov. 18	DB
Jul. 19	EPJ
Dec 20	EPJ
Apr. 24	EPJ

2

STATE ROUTE SYSTEM

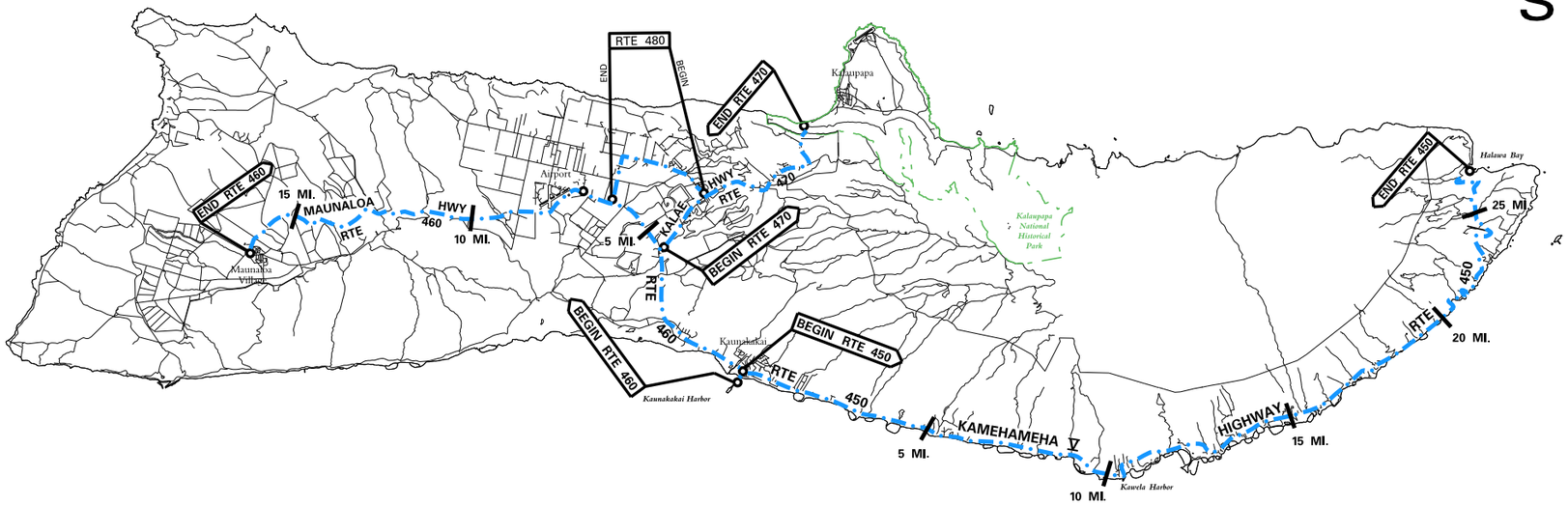
COUNTY OF MAUI

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

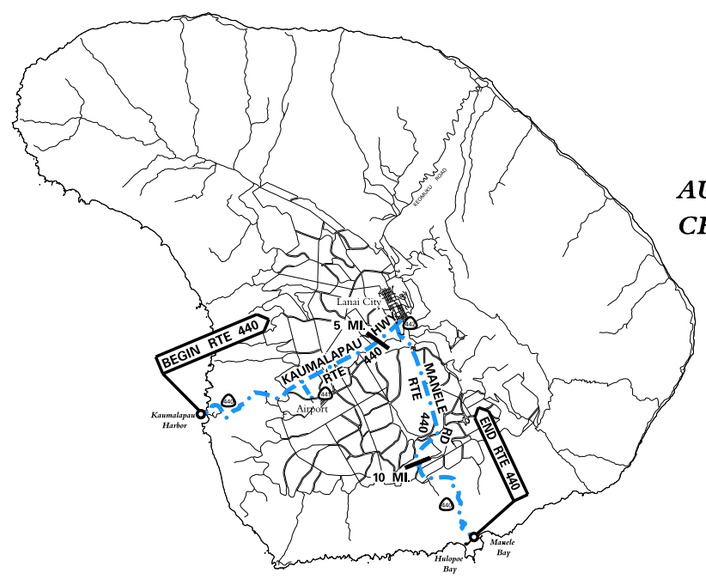
DECEMBER 2023



KALOHI CHANNEL

PACIFIC OCEAN

AUAU CHANNEL



N

SCALE

MILES

KILOMETERS

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	CPY
Dec 14	CPY
Jan. 16	CPY
Dec 16	CPY
Feb. 18	DB
Nov. 18	DB
Jan. 20	CPY
Apr. 24	CPY

③

ROAD INVENTORY

MAUI RTE 30

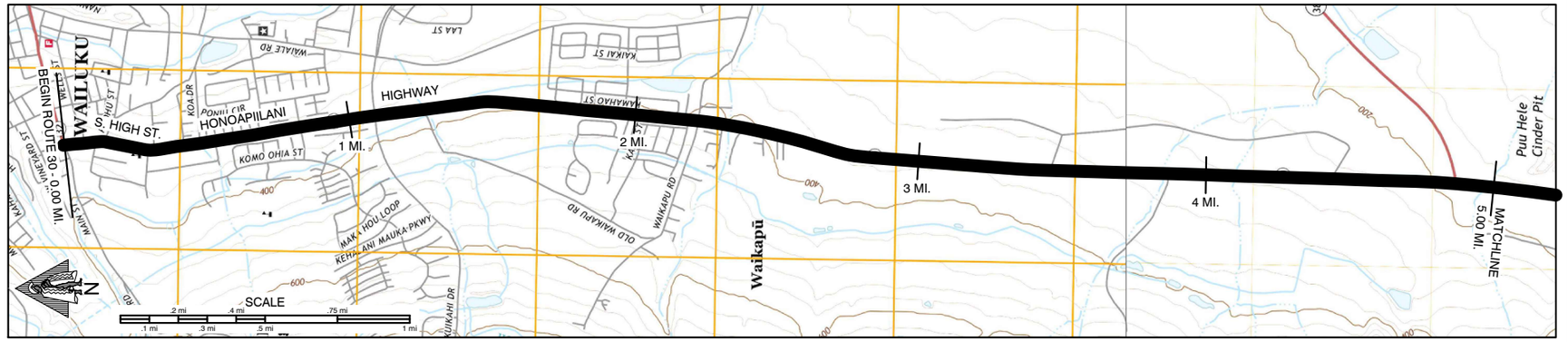
HIGH ST. - HONOAPIILANI HWY.

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: 41.84 miles
a. Survey Length: 41.84 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



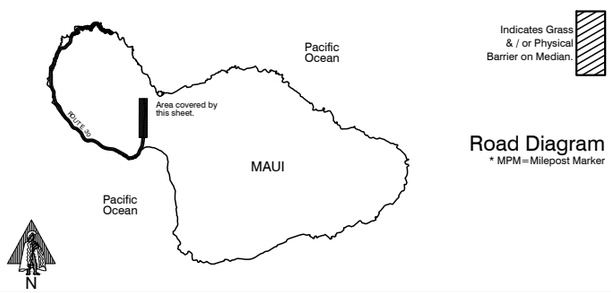
SCALE: (In Miles) 4" = 1 mile

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.)

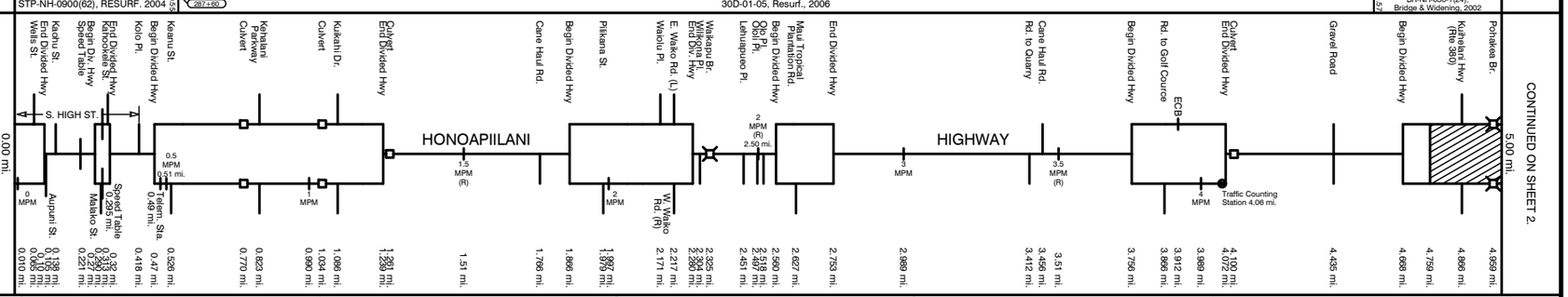
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB, 1937, H-15; 74' PRE-STRESSED CONC. GIRDER, HS-20-44, 2002
Structure Carrying Road: Vertical Clearance	39'
Structure Carrying Road: Horizontal Clearance	24'; 38' N.B. 36' S.B.
Structure Over Road: Vertical Clearance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

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



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; 24' AC
Shoulder: Width and Type — ELMRS= EDGE LINE MILLED RUMBLE STRIP	0; 0; 4'-6' AC; 0; 0; 0; 6' AC; 0; 6' AC; 0; 4' AC/2' Grass; 0
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)
Shoulder: Width and Type	0; 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; 0; 6' AC; 4' AC/2' Grass; 6' AC; 6' AC; 6' AC; 8' AC
Number of Traffic Lanes	1-12'; 1-14'-10'; 2-12'; 2-12'; 4-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	9' (L) Turn Lanes; 6' Parallel Parking; 12' Turn Lanes; 10' Turn Lanes; 12' Turn Lanes; (Transition Lane 0-12')
(Right Side)	8' Parallel Parking; 12' Turn Lane; 12' Turn Lane
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	6' Conc.; 7' Conc.; 6' Conc. S.W.; 6' Conc. Sidewalks; 5' Conc. Sidewalk
Curb and/or Gutter: Type (Right and Left)	Conc. Curb; C. & G.; 2' Conc. C & G; 2' Conc. C & G; 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; B; 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 00406; B74 0030 00486
HPMS Sections - AADT 2022	12,700; 14,000; 29,200
HPMS Sections - AADT 2021	12,400; 13,500; 28,500
HPMS Sections - AADT 2020	12,200; 27,700
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 (NH-030-1(25) R. 1996); 30C-01-92 M (R) 1993; HWY-M-02-91M, 1992 (R); 30D-01-82M (Resurface) 1982 (30D-01-82M R. 1982); (RSG-0380(8) Traffic Signals); County; 30BC-01-70, 1970; FAP-13G 1936

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 03, 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
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Total Route Length: 41.84 miles
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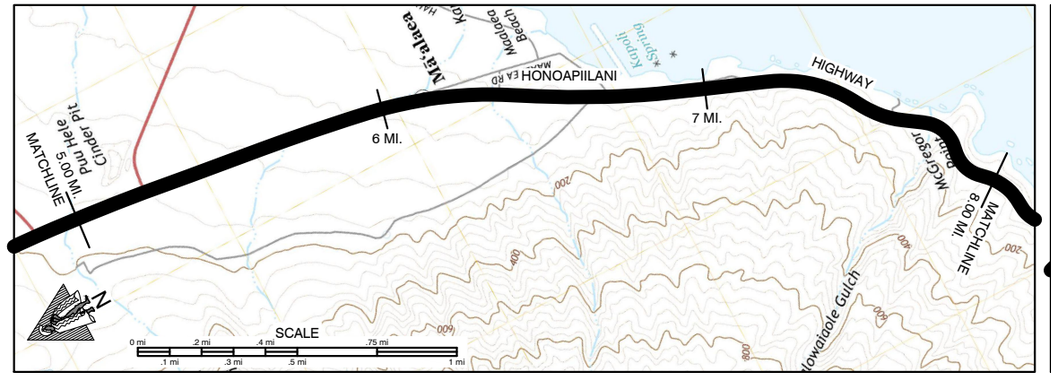
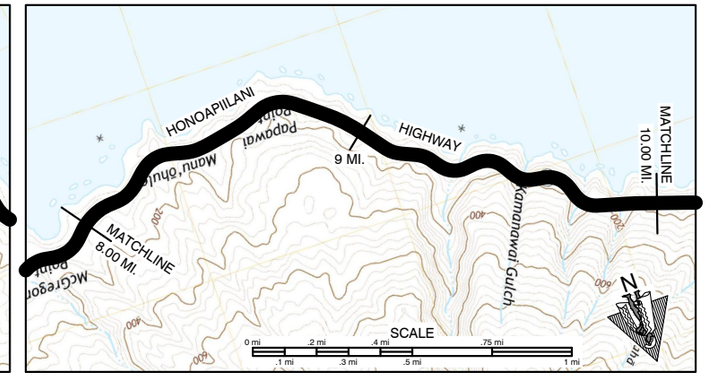




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

30 C (15.33 MI.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 85' - 195' (5.31); 160'-180' (6.13); 80'-100' (6.26); 70' - 125' (7.03); 70' - 160' (8.02); 120'-490'

Available Right of Way Width (Needs Study): 1000' Clear, Sugar Cane Field 25' From E.P. (5.27); 1000' Clear, Pineapple Field, 35' from E.P.; Residential Area (6.51); Brush and Trees

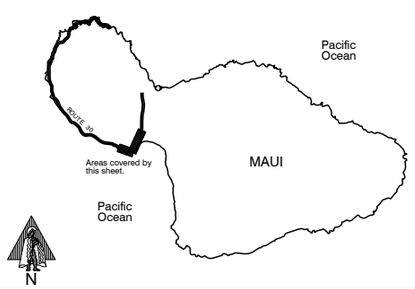
Right of Way Fence: Type - Right and Left: Wire on Wood (5.36); Wire on Wood (6.51); Wire on Wood (7.00); Wire on Wood (7.34); Wire on Wood (7.62); Wire on Wood (7.74); Wire on Wood (8.01); Wire (9.14); Rock Fall Protection

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 13+75; STP-0900(073),(R),2015; State; 82+00; 93+00; 7.75

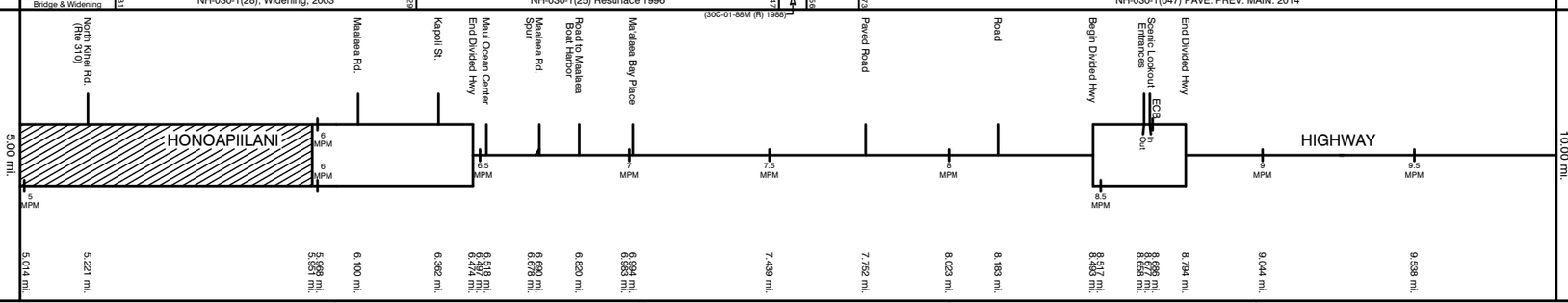
Project No., Type of Construction, and Year Constructed: NH-0900(080), Preventive Maintenance, 2014 (6.25); STP-0900(53), 2002 Guardrail & Shldr. Imp. (6.67; 7.48; 7.53); HSIP-030-1(45), Safety Improvements, 2021

Project No., Type of Construction, and Year Constructed: BR-NH-030-1(24), 2002 Bridge & Widening (6.31); 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
* MPM=Milepost Marker



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 (6.74); (See Note) (6.83); 6'-8' AC (7.02); (See Note); 6'-8' AC (8.40); 4'-6' AC (9.00); 6'-8' AC; 8'-10' AC
- Pavement: Width and Type: 24' AC; Shldr Milled Rumble Strip; 36' AC (6.78); Shldr Milled Rumble Strip; 24' AC (7.17); 12' AC; 24' AC (9.87); Shldr Milled Rumble Strip
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 4' AC; 0 (6.03); 0 (6.85); 6'-8' AC; 0 (8.53); 6'-8' AC (9.52); 8'-10' AC
- Median: Width and Type: 32' Grass; 22' Grass (5.37); 0-10' Paint (5.951); CL Milled Rumble Strip (6.474); CL Milled Rumble Strip; (CL RPM Rumble Strip) (8.493); 0-14' Painted AC (8.794); CL Milled Rumble Strip
- Shoulder: Width and Type: 4' AC; 0 (6.03); 0; 0
- Pavement: Width and Type: 24' AC (6.060); 12' AC; 12' AC
- Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.): 8'-10' AC; 6'-8' AC (6.31); 6'-8' AC

Number of Traffic Lanes: 4-12'; 2-12' (6.060); 1-12' (6.678); 2-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.): 108; 409; 946; 100; 262; 451; 518; 597; 715; 677

(Right Side) (All 12' TLs.): 619; 221; 895; 085; 247; 286; 180; 11' Turn Lane; 271; 11' Merge Lane; 394

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. G.; AC Gutter (489); 520; CB

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier: 847

Illumination: Type, Location and Number: 15 HPS (5.14; 5.29)

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A; D (7.69; 7.96); C; AC (8.22); B (8.37; 8.47); A; C (8.95; 9.16); A; C (9.36; 9.43); D; A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B; A (6.76); B (6.86); A (7.10); B (7.23); A (7.33); B (7.49); A (7.58); B (7.65); A (7.78); B; A (9.08); C (9.38); B

Vertical Curve: Crest or Sag, Curve Limits

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

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

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

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

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

HPMS Sections - AADT 2022: 29,200; 27,600

HPMS Sections - AADT 2021: 28,500; 25,900

HPMS Sections - AADT 2020: 27,700; 24,800

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); NH-030-1(25) Resurface 1996 (7.47); (7.57); HWY-M-01-99M (R) 2000 (7.57); HWY-M-01-99M (R) 2000; (STP-0900(53), 2002 Guardrail & Shldr. Imp.) (8.61)
- (30C-01-92M (R) 1993) (5.03); 30C-01-86M (R) 1986 (5.21); 6.96; 30C-01-88M (R) 1988 (7.56); (7.58); 30C-01-90M (R) 1990 (8.10); (8.50); HES-STP-030-1(20) 1994 (8.88); 30C-01-90M (R) 1990
- (30D-01-82M (R) 1982) (5.03); 30CD-01-84(Shldr. Imprv.) 1985 (6.68); 6.96; ROS-030-1(14) Safety Imprv. 1979 (7.55); (8.32); (8.36); LT-M-01-78 (R) 1979; ROS-030-1(12) 1977
- 30BC-01-70 1970; 30BC-01-71, (R) 1971 (7.27); Resurf 1950; 30C-01-75M Resurf 1975
- FAP - 13G 1936 (6.07); NRH - 13C 1934 (6.40); NRH - 13D 1935 (8.14); F-30(5) 1953; (111+00); (376+81.31)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 03	D.B.
Revised	
Aug 04	D.B.
Nov. 06	D.B.
Mar. 09	D.B.
Feb. 11	D.B.
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Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.
Mar. 22	D.B.

ROAD INVENTORY

MAUI RTE 30

HONOAPIILANI HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 41.84 miles
a. Survey Length: 41.84 miles
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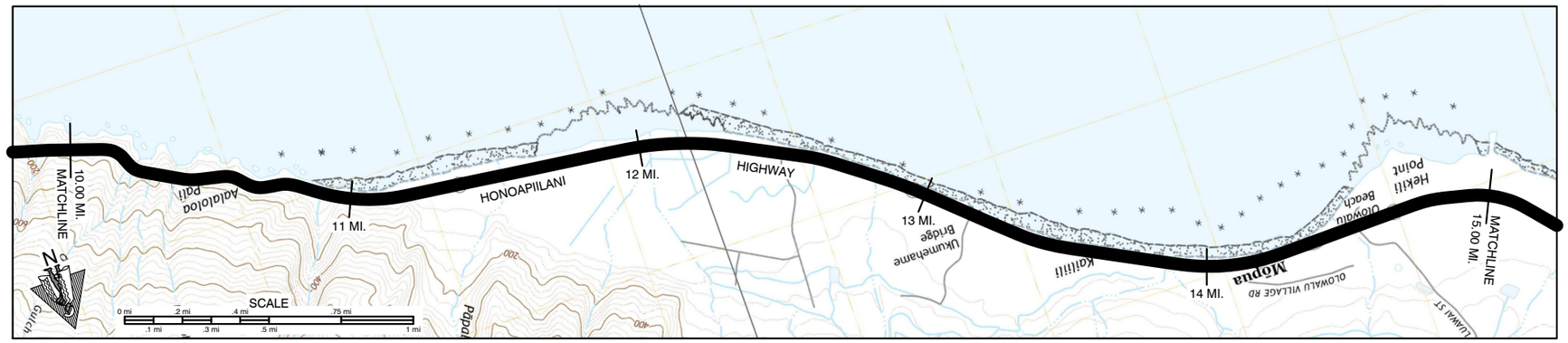
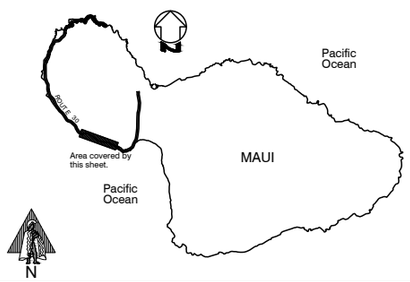


SCALE: (In Miles) 4" = 1 mile

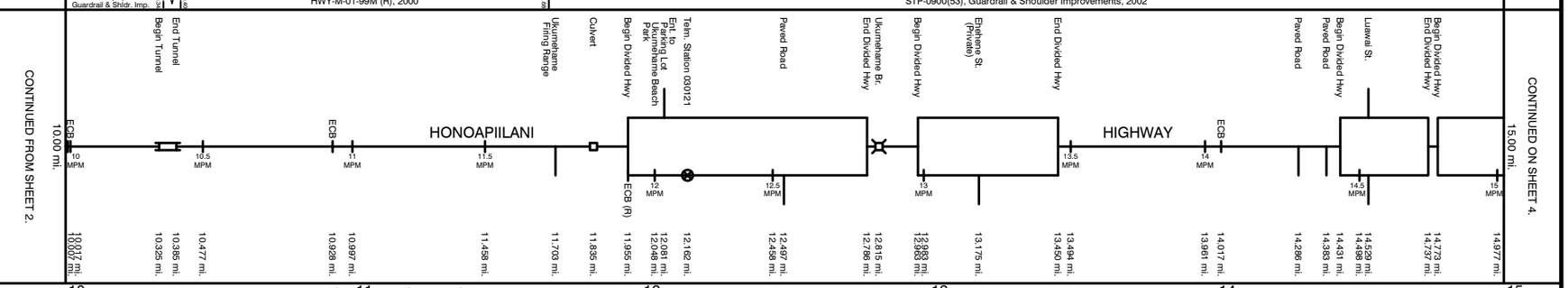
Maintenance Control Sections : Length and Description: 30 C (15.33 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tunnel 1950; RC, Flat Slab H20, 1950
Vertical Clearance: 35'
Horizontal Clearance: 44'
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: (120'-490') 10.03; 80'-345' 12.82
Available Right of Way Width (Needs Study): Brush & Trees; (R) Clear - 40' Canefield (L) Beach 13.96; Trees & Bushes; Canefield 1000' Clear - 40' from E.P. 14.181
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; (NH-030-1(053), Guardrail & Shoulder Improvements, 2016)
Project No., Type of Construction, and Year Constructed: (STP-0900(52) Bikeway Imp., 2002); HSIP-030-1(45), Safety Improvements, 2021; HSIP-030-1(055), Safety Improvements, 2020; (30C-01-06M, Resurf., 2008)
Project No., Type of Construction, and Year Constructed: STP-0900(5) 2002 Guardrail & Shldr. Imp.; HWY-M-01-99M (R), 2000; STP-0900(53), Guardrail & Shoulder Improvements, 2002



Road Diagram
* MPM=Milepost Marker



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'-20' 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; SHLD MILLED RUMBLE STRIP; 12' AC; 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; 8'-10' AC; CENTERLINE MILLED RUMBLE STRIP; 6' AC; 0; 6' AC; 0; 6' AC; 0; 6' AC; 0
Median: Width and Type: 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; Concrete Guardrail - Type 4K
Illumination: Type, Location and Number
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A D A B 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): B C A B A
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 2022: 27,600
HPMS Sections - AADT 2021: 25,900
HPMS Sections - AADT 2020: 24,800
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)); 30C-01-90M, (R), 1990; HWY-M-01-99M (R), 2000; 30C-01-90M, (R) 1990; 30AC-01-87M (R) 1988; STP-030-1(21) (R) 1994; (30C-01-78, GR/Shldr., 1981); LT-M-01-78 (R) 1979; ROS-030-1(14) 1979 Safety Imprv.; 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

Date Released
Aug. 03, D.B.

Revised	
Aug 04	D.B.
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Mar. 09	D.B.
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Jan 17	E.P.J.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.
Mar. 22	D.B.

ROAD INVENTORY

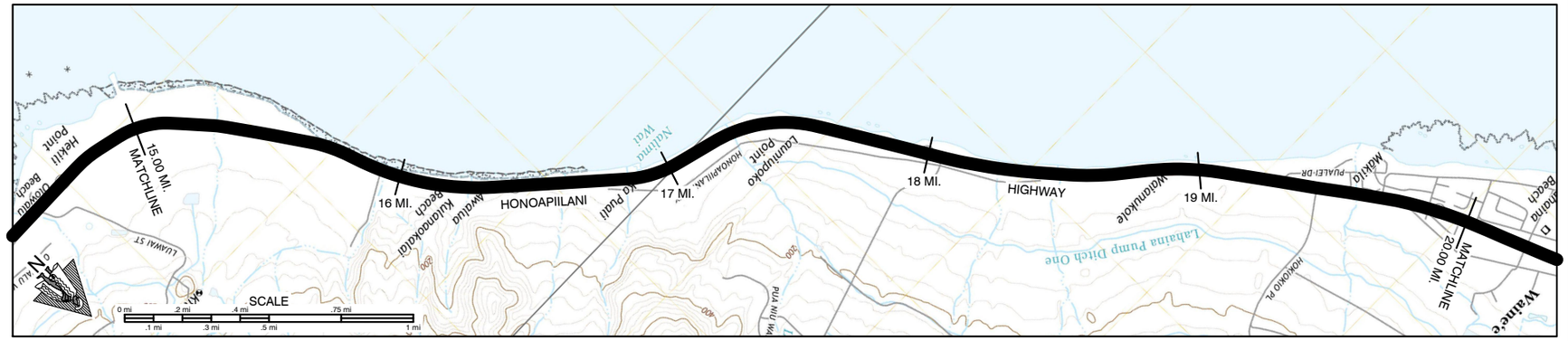
MAUI RTE 30
HONOAPIILANI HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Route Length: 41.84 miles
a. Survey Length: 41.84 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



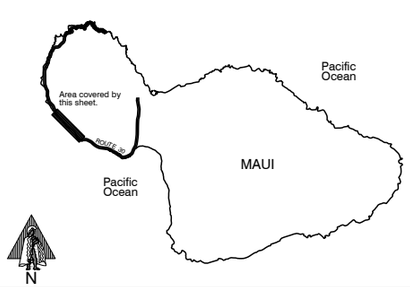
SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: RC, Flat Slab H15, 1938 (62'); RC Flat Slab, 1938, H15 (26'); RC Flat Slab, 1938, H15 (42'); Conc. Slab, 1971, HS 20 (27')
Vertical Clearance: 15.31; 16.62; 15.47; 16.59
Horizontal Clearance: 24'; 24'; 24'; 44'

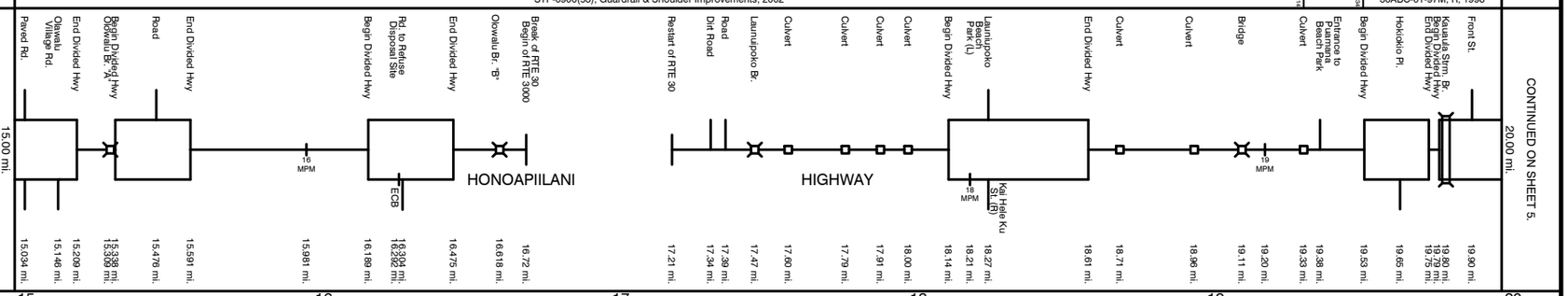
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'-345'; 70'-80'; 76'-280'
Available Right of Way Width (Needs Study): Canefield 1000' Clear - 40' from E.P.; Trees & Heavy Bushes; (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area
Right of Way Fence: Type - Right and Left: 19.08–19.16 Wood Fence 30' from E.P.
Control of Access: 1-None, 2-Partial, 3-Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed: (HSIP-030-1(055), Safety Improvements, 2020); 30C-01-06-M, Resurf., 2008; (STP-0900(53) G.R./Shldr., 2002)
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
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83 mi. to 19.86 mi.): 4' AC/ 10' Grass; 6' AC; 8' AC; 6' AC; 10' AC; 8' AC; 6' AC; 8' AC; 4'-6' AC; 8' AC
Pavement: Width and Type: 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC (5' AC/10' Dirt); 12' AC; (24' AC) 12' AC
Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83 mi. to 19.86 mi.): 0; 6'-8' AC; 0; 6'-8' AC; 0; 6'-8' AC; 0; 4' AC/10' Dirt; 6' AC; 0; (6'-8' AC) 0
Median: Width and Type: 0-10' Painted AC; 0'-3' Painted AC; 0-11' Painted AC'; 10' Paint; 0'-10' Painted AC; 10' Paint
Median Barriers:
Shoulder: Width and Type: 0; 0; 0; 0; 0; 0
Pavement: Width and Type: 12' AC; 12' AC; 12' AC; 12' AC; 12' AC; 12' AC
Shoulder: Width and Type: 6'-8' AC; 10'-12' AC; 6'-8' AC; 6'-8' AC; 6'-8' AC; 6'-8' AC

Number of Traffic Lanes: 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10' T.L.s; 10' T.L.s; 11' T.L.
(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
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; B; A; B; A; B; A; B; A; B; A; B; A; B
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural (99999); Small Urban (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1)
Speed: 1-Design, 2-Posted: 35 MPH (2); 45 MPH (2); 45 MPH (Minimum35) (2); 45 MPH (Min. 35 MPH) (2); 45 MPH (2); 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): P74 0030 01214; B74 0030 01949; B74 0030 02092
HPMS Sections - AADT 2022: 27,600; 11,300; 19,600
HPMS Sections - AADT 2021: 25,900; 10,700; 19,700
HPMS Sections - AADT 2020: 24,800; 10,300; 19,100
DOD Sections
Census Tracts
Functional Classification: Principal Arterial (3); Minor Arterial (4)
National Highway System (NHS): On NHS (1); (NHS diverted to bypass @ 19.90 mi. (Lahaina Bypass is all NHS))
Previous Projects: Project No., Date and Limits
(HES-STP-030-1(19)); STP-030-1(21), R, 1994; STP-030-(21) (R) 1994; 30C-02-90 (GR & Shldr), 1991; 30BC-02-86 Improvements, 1987; 30C-01-78 GR &Shldr, 1981); 30C-01-82M (R) 1982; 30C-01-85M (R) 1985; 30C-02-72 Resurface 1972; F-30(1) 1957; F-30(3) 1950; F-30(4) 1951; F-30-1(1) 1956; 30-BC-01-87M (R) 1987

SCALE: (In Miles) 4" = 1 mile

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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

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FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 41.84 miles
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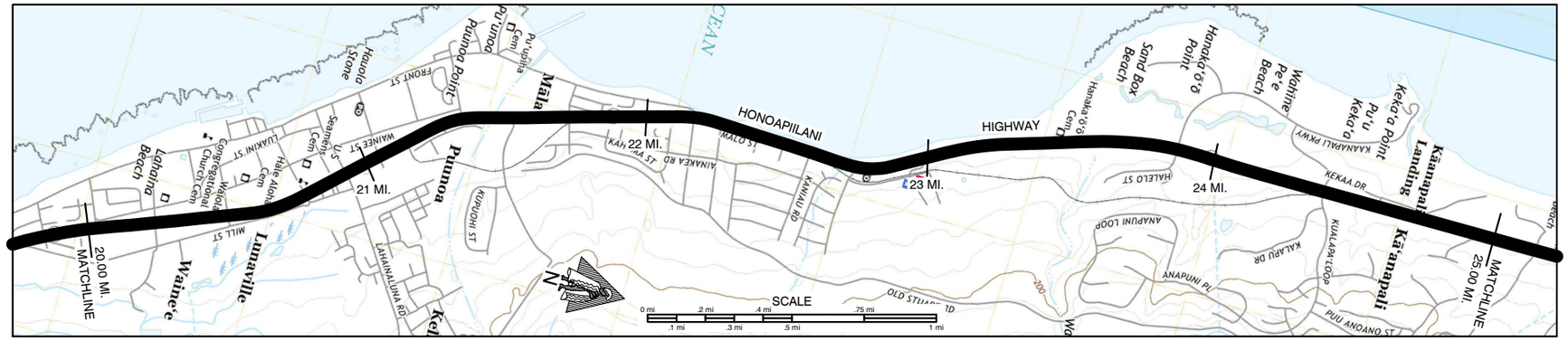
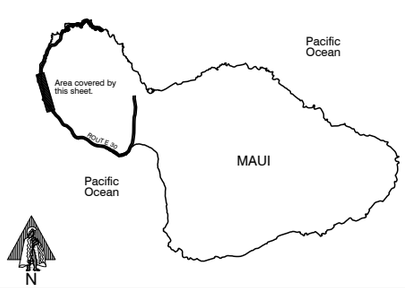


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

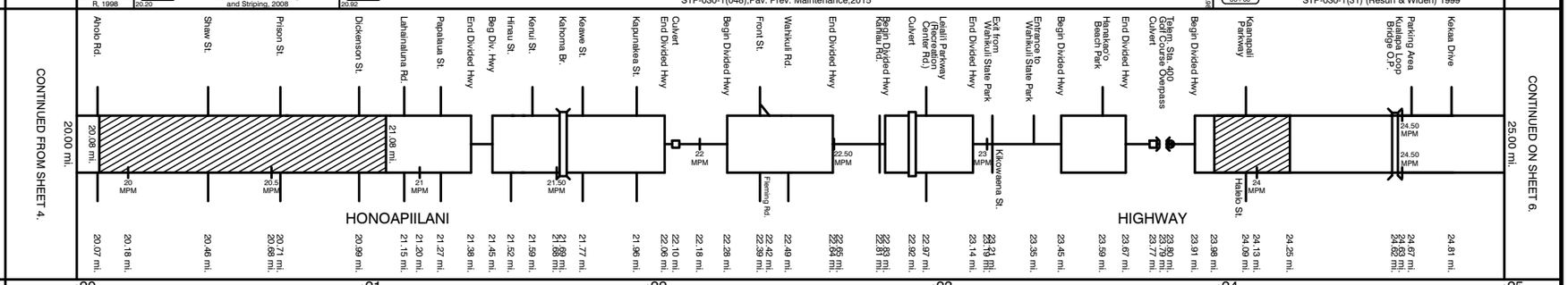
30 C (15.33 MI.) | End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St. | 30 B (1.75 MI.) | End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. | 30 A (13.59 MI.)

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Twin Box Culvert, 1957 H 20 (44')
	Vertical Clearance	
	Horizontal Clearance	44'
Structure Over Road	Vertical Clearance	Tee Beam 1969: 16.8'; Pre Stressed Concrete Girder HS-20-44, 1969,1999: 16.5'
	Horizontal Clearance	Tee Beam 1969: 47'; Pre Stressed Concrete Girder HS-20-44, 1969,1999: 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; 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
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	* (Combination Shldr/Bike Route from 6.83 mi. to 19.86 mi., 20.93 mi. to 31.20mi.) 6' AC; *4'-6' AC
	Pavement: Width and Type	11' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 24' AC
	Shoulder: Width and Type	* (Combination Shldr/Bike Route from 6.83mi. to 19.86 mi., 20.93 mi. to 31.20mi.) 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
	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; 0-11' Paint; (0'10' Painted Median); (10'-38' Grass (Flush)); 4'-15' Painted AC
	Median Barriers:	(10'-38' Grass (Raised)); (10'-38' Grass (Raised))
	Shoulder: Width and Type	0; 0; 0; 0; 0; 0
	Pavement: Width and Type	22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 24' AC
	Shoulder: Width and Type	* (Combination Shldr/Bike Route from 6.83mi. to 19.86 mi., 20.93 mi. to 31.20mi.) 6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC; *6'-8' AC
Number of Traffic Lanes		1-11' 2-11'; 4-11'; 4-11'; 4-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		2-10.5'; 11' (L) T.L.; 11' (L) T.L.; 11' (L) T.L. & 11' T.L.; 11' T.L.; 11' T.L.; 1-11' (L) T.L.; 1-11' Accel. Ln.; 11' (R) T.L.; 11' T.L.s
(Right Side)		10'; 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.
Curb and/or Gutter: Type (Right and Left)		Conc. Curb; 3' Concrete Gutter; 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; MCB; CB; Conc. Retaining Wall; CB; Wood/Conc; CB
Illumination: Type, Location and Number		2 250W HPS; 28 250W HPS @ Intersections from 24.12 mi. to 26.33 mi.
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; 3 Phase; 4 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 2022		19,600; 43,100; 30,800
HPMS Sections - AADT 2021		19,700; 40,700; 32,900
HPMS Sections - AADT 2020		19,100; 38,900; 17,782
DOD Sections		
Census Tracts		
Functional Classification		Minor Arterial (4)
National Highway System (NHS)		Not 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; 30AB-02-87 Widen, 1989; 30AB-01-86M 1986; STP-030-1(31) (Resurf & Widen) 1999; 30A-01-96M (R) 1997; 30AB-02-85 1985; 30AC-01-87M & 30A-01-87,1987; 30BC-01-87M (R) 1987; 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

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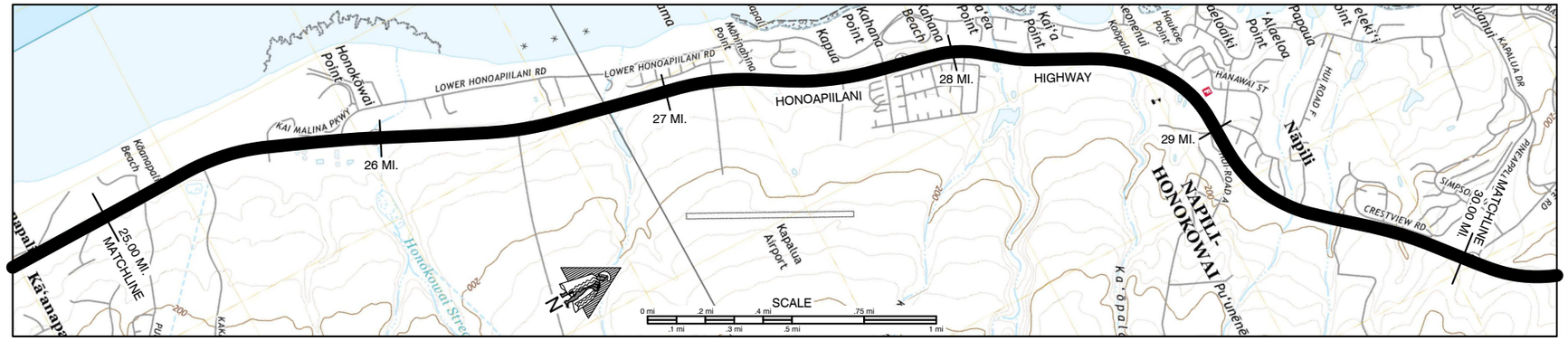
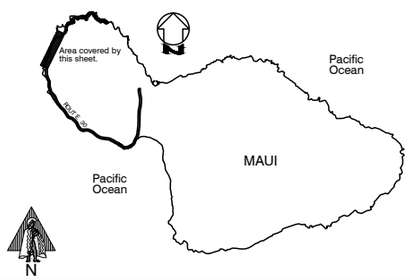


SCALE: (In Miles) 4" = 1 mile

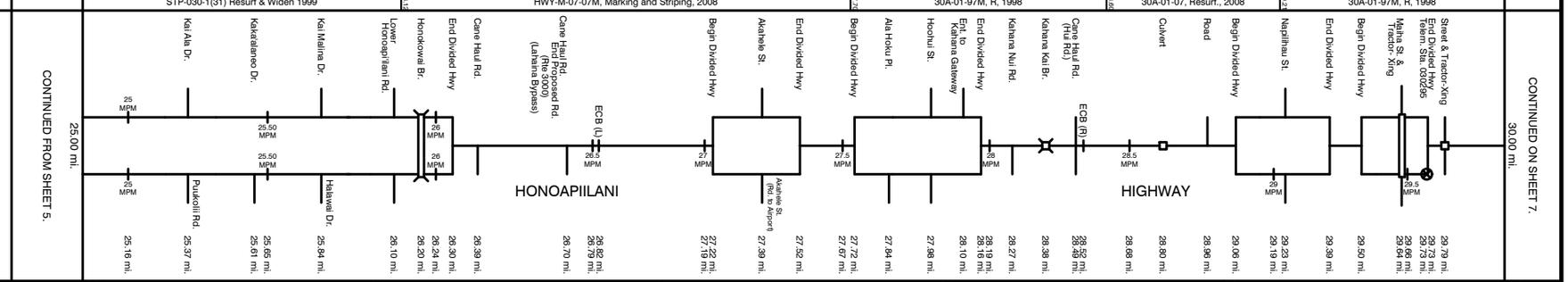
Maintenance Control Sections : Length and Description: 30 A (13.59 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam HS 20-44 1926,1967,1999 (25.21); Prestressed I-Beam HS-20-44 1981 (28.38)
Vertical Clearance: 50' ; 74'
Horizontal Clearance: 68' ; 47'
Structure Other Than Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'-190' (25.78); 150' (27.66); 75' (28.07); 45'-190' (28.74); 90' (29.01); 140'-210' (29.50); 230'-320' (29.72); 300'-400'
Available Right of Way Width (Needs Study): Resedential/ Recreation (25.32); Clear - Canefield 15' from E.P. (26.01); Residential
Right of Way Fence: Type - Right and Left: Chain Link 25.98 25.99; Chain Link 26.28 26.46; Chain Link 27.46 27.58; Chain Link 28.36 28.43; Chain Link 28.62
Control of Access: 1-None, 2-Partial, 3-Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 198+72 BK; 29+00 AH; State; 112+50; 112+00; 159+55; 191+65
Project No., Type of Construction, and Year Constructed: STP-030-1(049), Preventive Maintenance, 2014; STP-030-1(046), R, 2012; 30A-01-10M, R, 2012; 30A-01-10M, R, 2012
Project No., Type of Construction, and Year Constructed: STP-030-1(31) Resurf & Widen 1999; HWY-M-07-07M, Marking and Striping, 2008; 30A-01-97M, R, 1998; 30A-01-07, Resurf., 2008; 30A-01-97M, R, 1998



Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): *4'-6' AC; *8'-10' AC; MILLED SHLD RUMBLE STRIP; *10'-12' AC; MILLED SHLD RUMBLE STRIP; 4'-6' Bike Route; MILLED SHLD RUMBLE STRIP
Pavement: Width and Type: 24' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC; 24' AC
Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): 0; *8'-10' AC; *10' AC; MILLED SHLD RUMBLE STRIP; MILLED C/L RUMBLE STRIP; 0; *10' AC; 0; MILLED SHLD RUMBLE STRIP; MILLED C/L RUMBLE STRIP; 4'-6' Bike Route; 0; 10' AC; 0; 10' AC
Median: Width and Type: 0-15' Painted AC; 12' Painted AC; 12' Painted AC; 12' Painted AC; 12' Painted AC (MILLED C/L RUMBLE STRIP)
Median Barriers:
Shoulder: Width and Type: 0; 0; 0; 0; 0
Pavement: Width and Type: 24' AC; 12' AC; 12' AC; 12' AC; 12' AC; 12' AC
Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.20 mi.): *6'-8' AC; MILLED SHLD RUMBLE STRIP; *10' AC; *10' AC; 4'-6' Bike Route; 10' AC; *10' AC

Number of Traffic Lanes: 4-12'; 2-12'; 1-12'; 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' T.L.; AUX; 11' T.L.; All 12' T.L.s; 12' T.L.; 12' Climbing Lanes
(Right Side): 11' T.L.; Frontage Road (R) 2-12' with Bike Route (not Lane) (L) & (R)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left): 4' Conc. G.; 5' Conc. Gutter; 5' Conc. Gutter; 5' Conc. Gutter; 5' Conc. G.; 5' C. G.; 5' Conc. 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: MCB; 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
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; C; B; C
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 2022: 30,800; 19,261; 15,469; 8,700
HPMS Sections - AADT 2021: 32,900; 19,300; 15,500; 7,700
HPMS Sections - AADT 2020: 17,782; 18,700; 15,100; 7,500
DOD Sections
Census Tracts
Functional Classification: Minor Arterial (4); Major Collector (5)
National Highway System (NHS): Not On NHS (0)
Previous Projects: Project No., Date and Limits
HWY-M-07-07M, Marking and Striping, 2008
30A-01-96M (R) 1997
30AC-01-87M & 30A-01-87, 1987
STP-030-1(23) Resurf 1996
30A-01-97M, R, 1998
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. 03,	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

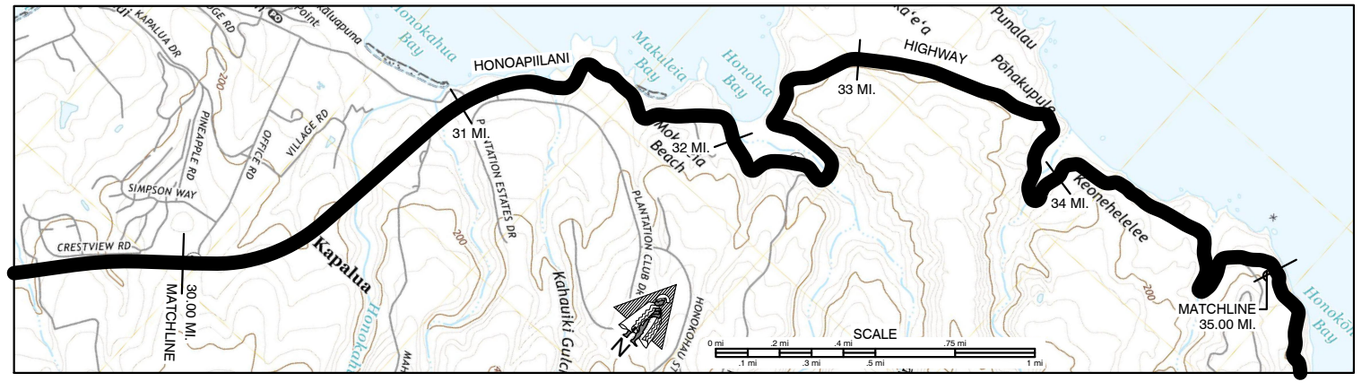
MAUI RTE 30
HONOAPIILANI HWY.

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: 41.84 miles
a. Survey Length: 41.84 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 604' (30.27); S.S. Conc. Slab H-10 1924 24' (32.89)

Vertical Clearance: 52' (30.27); 17' (32.89)

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: (300'-400') (30.06); 40'

Available Right of Way Width (Needs Study): Residential (30.06–31.19); Heavy Brush, Trees & Rocks (31.19–33.01); 1000' Clear Pineapple Fields 15' form E.P. (33.01–33.50); Heavy Brush & Rock (33.50–34.92)

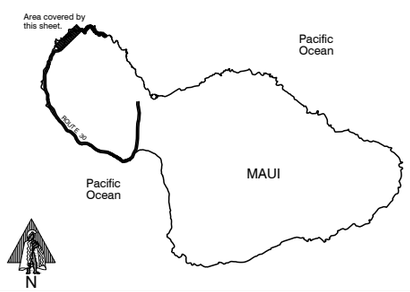
Right of Way Fence: Type - Right and Left: Chain Link (31.01–31.69, 31.72–31.78); Wire on Wood (34.47–34.92)

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

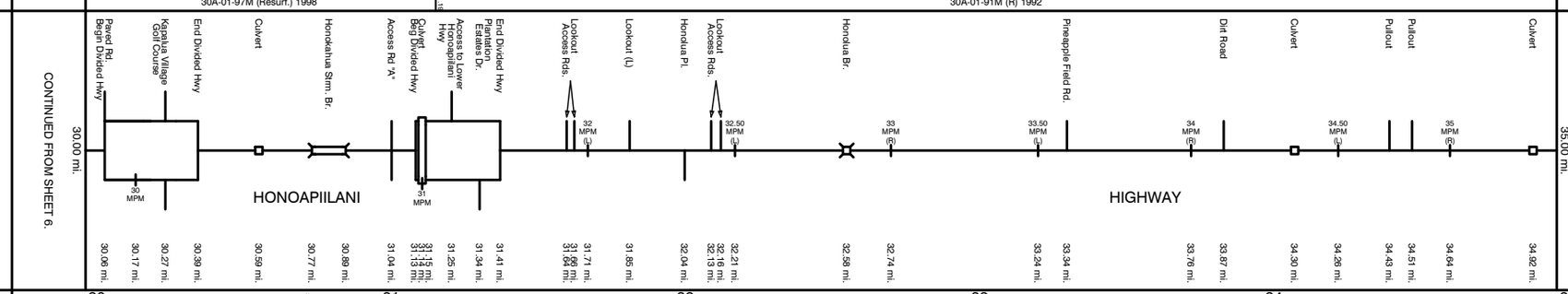
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State; (296+71.22) (31.19); (0+66.87)

Project No., Type of Construction, and Year Constructed: 30A-01-10M, R, 2012 (30.06–31.19); 30A-01-16M, (R), 2018 (31.19–34.92)

Project No., Type of Construction, and Year Constructed: 30A-01-97M (Resurf.) 1998 (30.06–31.19); 30A-01-91M (R) 1992 (31.19–34.92)



Road Diagram
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.42 mi. - see arrows): *10'-12' AC; *8' AC; *8' PCC; *8' AC; *10' AC; 2' AC; 4' AC; 2' AC/4' Grs; 2' AC; 2' AC/4' Grs; 2' AC

Pavement: Width and Type: 12' AC; 24' AC; 24' PCC; 24' AC; 12' AC; 22' AC

Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.42 mi. - see arrows): 0; *10' AC; *8' PCC; *8' AC; 0; (8' AC); 2' AC

Median: Width and Type: MILLED SHLD RUMBLE STRIP; MILLED C/L RUMBLE STRIP

Median Barriers: 12' Painted AC; 12' Painted AC

Shoulder: Width and Type: 0; 0

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

Shoulder: Width and Type *(Combination Shldr./Bike Route to 31.42 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; 12' T.L.; 10' T.L.; 12' T.L.

(Right Side): 12' T.L.; 8' T.L.; 10' T.L.

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): 5' C. G.; Curb; 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; 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, 3-Mountainous: Rolling (2); Mountainous (3); Flat (1); Rolling (2); Mountainous (3)

Speed: 1-Design, 2-Posted: 45 MPH (1); 30 MPH (1); 35 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 2022: (8,700); 4,291

HPMS Sections - AADT 2021: (7,700); 4,300

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

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits: (F-030-1(8) 1984 New Construction); F-030-1(18) 1986 New Construction; A 300-01-66 (R) 1963

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 03	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

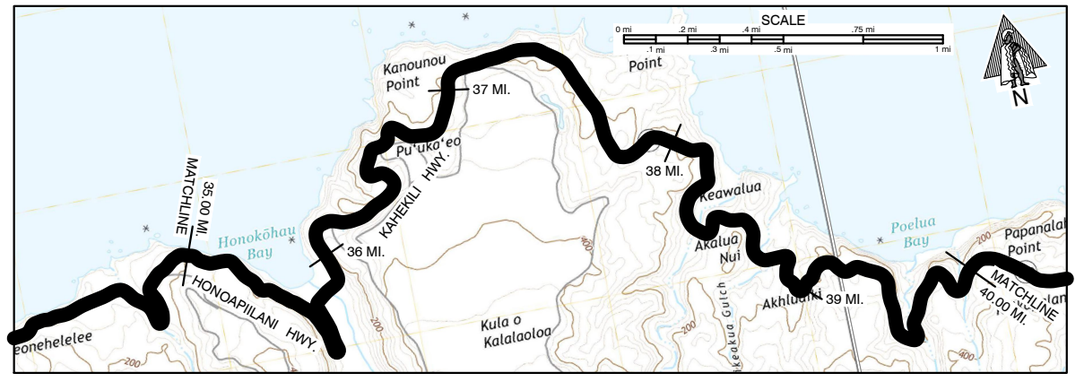
HONOAPIILANI HWY - KAHEKILI HWY

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: 41.84 miles
a. Survey Length: 41.84 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 (36.00)

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' (36.00); 22' (38.66)

Horizontal Clearance: 26'; 13'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study)

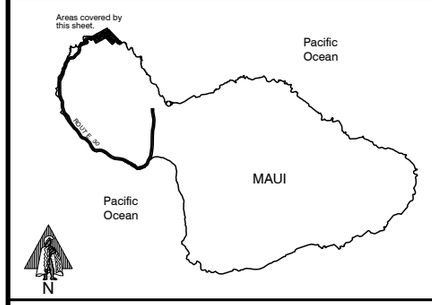
Right of Way Fence: Type - Right and Left: Chain on Wood (35.88–36.00); Wire on Wood (37.74–38.66)

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 (35.89–35.96, 1905+00); 30A-01-12M, Resurface, 2014

Project No., Type of Construction, and Year Constructed: 30A-01-91M (R) 1992 (35.96–36.00, 1911+00); 30A-01-07M, Repairs and Maintenance, 2008



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 7. 35.00 mi.

Honokohau Valley Rd. — Honokohau Br. — Road — Cattle Guard — Nakalele Point Light Station — Culvert — Bridge (Anakalualehe Stream) — Culvert — Cattle Guard & Kahakuloa Management Area Sign — Culvert

Wailuku - Lahaina District Boundry

HONOAPIILANI HWY — KAHEKILI HIGHWAY

35.50 MPM (L); 36 MPM (R); 36.50 MPM; 37 MPM; 37.50 MPM; 38 MPM; 38.50 MPM; 39 MPM; 39.50 MPM; 40 MPM

35.14 mi. 35.62 mi. 35.85 mi. 36.05 mi. 36.14 mi. 36.39 mi. 36.69 mi. 37.16 mi. 37.44 mi. 37.73 mi. 37.71 mi. 38.13 mi. 38.09 mi. 38.64 mi. 38.75 mi. 39.15 mi. 39.27 mi. 39.41 mi. 39.41 mi. 39.77 mi. 39.81 mi.

CONTINUED ON SHEET 9. 40.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 2' AC; 8'-10' Dirt (37.65); 2' AC (39.35); 2' AC/6' Grav. (39.37); 2' AC

Pavement: Width and Type: 22' AC

Shoulder: Width and Type: 2' AC; 2' AC/6' Dirt (37.73); 2' AC (39.35)

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): .42 AC Curb .79; 2' AC Gutter .36–.53; .69–.80; 2' AC Gutter .82–.86

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 2022: 4,291

HPMS Sections - AADT 2021: 4,300

HPMS Sections - AADT 2020: 3,700

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits

37.25 30A-01-95M (Resurface) 1996

35.87 340D-01-93M (R) 1994 39.73

A 300-01-66 (R) 1968 35.57 35.87 330C-03-70 1970 County 39.31 340A-02-72, 1976

SCALE: (In Miles) 4" = 1 mile

Date Released	
Aug. 03	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

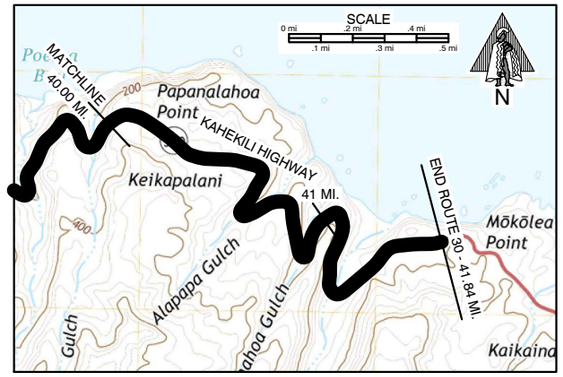
MAUI RTE 30
KAHEKILI HWY

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: 41.84 miles
a. Survey Length: 41.84 miles
b. Proposed Length: 0.00 miles
c. Other Length: 0.00 miles



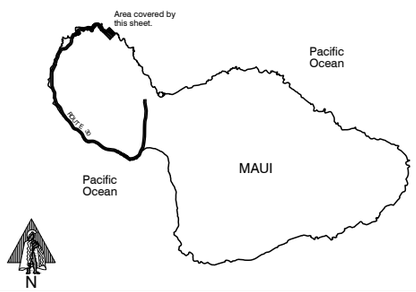
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Timber Stringer 1927 H-10
- Vertical Clearance: 25'
- Horizontal Clearance: 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 (2209+50)
Project No., Type of Construction, and Year Constructed: 30A-01-07M, Repairs and Maintenance, 2008 (2211+50)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 8.

40.00 mi. — Culvert — Bridge (Papanahoa Strm.) — *41.84 mi.

KAHEKILI HIGHWAY

40.50 MPM — 41 MPM — 41.50 MPM

40.17 mi. — 40.36 mi. — 40.80 mi. — 41.17 mi. — 41.48 mi.

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

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH
2023 VIDEOLOG MILEAGE DUE TO RELINEMENT
& '14 FEATURES DATABASE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC
- Pavement: Width and Type: 22' AC
- Shoulder: Width and Type: 2' AC
- Median: Width and Type
- 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; 2' AC Gutter
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.
Illumination: Type, Location and Number
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)
Superelevation (Range)
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural (99999)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Mountainous (3)
Speed: 1-Design, 2-Posted: 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B47 0030 03005
HPMS Sections - AADT 2022: 4,291
HPMS Sections - AADT 2021: 4,300
HPMS Sections - AADT 2020: 3,700
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

Date Released	
Aug. 03,	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

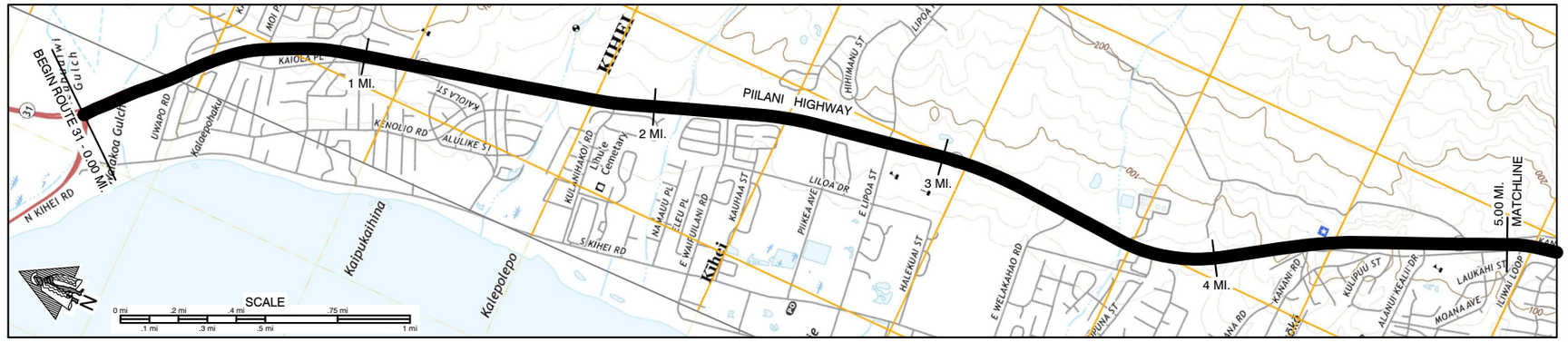
MAUI RTE 31
PIILANI HIGHWAY

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: 12.010 miles
a. Survey Length: 7.149 miles
b. Proposed Length: 4.861 miles
c. Other Length: 0.000 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: N.B. 162' - 8", 2008 (PRE-STRESSED CONC. GIRDER); S.B. 150' (0.12) — PRESTRESSED I-BEAM 1981 — (1.90) 150' (2.09) 130' — PRESTRESSED I-BEAM 1981 — (3.39) 49'

Structure Carrying Road — Vertical Clearance

Structure Carrying Road — Horizontal Clearance: N.B. 67'-6"; S.B. 48'; 48'; 48'; 48'

Structure Over Road — Vertical Clearance

Structure Over Road — Horizontal Clearance

Right of Way Width (min.-max.) if varies: 270' - 320' (0.36); 105' - 225'

Available Right of Way Width (Needs Study)

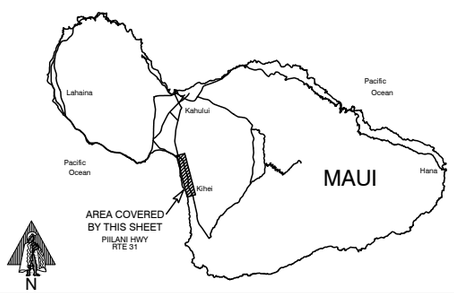
Right of Way Fence: Type - Right and Left: WIRE FENCE (0.14, 0.20, 0.36); WIRE FENCE (0.91); CHAINLINK (0.69, 1.10)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (31A-02-17, Improvement, 2021) STATE (1.82, 1.90)

Project No., Type of Construction, and Year Constructed: HSIP-031-1(013) Safety Improvement,2021; HSIP-031-1(013) Safety Improvement,2021

Project No., Type of Construction, and Year Constructed: 31A-01-07M, RESURFACE, 2009 (0.35); ARR-031-1(11), PREVENTIVE MAINTENANCE, 2010 (2.77)



Road Diagram
* MPM=Milepost Marker

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

Waiakoa-Ulka By-Pass Hwy 0.142 mi. — Kaiwahine St. — Moi Place — Ohukai Road — End Divided — Manao Kala Road — Begin Divided — Kaonoulu Street — Kulanihakoi Gulch Bridge End Divided — Begin Divided — Kulanihakoi Street — Waipuilani Gulch Bridge End Divided E C B — E. Waipuilani Rd. — Begin Divided — Piikea Avenue — Lipoa Pkwy — End Divided — Baldwin Bridge Keokea Gulch Bridge Telem. Sta. 31069 — Waiakahao Rd — Old Waiakahao Rd — End Divided — Kumani Rd Culvert Begin Divided — End Divided — Begin Divided — Alanui Ke Ali'i Dr — End Divided

PIILANI HIGHWAY

Uwapo Rd (4 MPM) — (6 MPM) — (8 MPM) — (7 MPM) — Lipoa St. — (8 MPM)

Waiakoa Gulch Bridge 0.138 mi. — 0.393 mi. — 0.471 mi. — 0.673 mi. — 0.916 mi. — 1.053 mi. — 1.174 mi. — 1.364 mi. — 1.471 mi. 1.435 mi. — 1.669 mi. 1.653 mi. — 1.759 mi. — 1.871 mi. — 2.019 mi. 2.094 mi. 2.068 mi. — 2.256 mi. — 2.412 mi. — 2.468 mi. — 2.603 mi. — 2.809 mi. — 2.864 mi. — 3.297 mi. 3.302 mi. 3.304 mi. 3.327 mi. — 3.471 mi. — 3.599 mi. — 3.848 mi. — 4.223 mi. 4.235 mi. 4.264 mi. 4.315 mi. — 4.468 mi. — 4.607 mi. — 4.717 mi. — 4.935 mi.

CONTINUED ON SHEET 2.

5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 - 5.93 MILE): 6' - 8' A C

Pavement: Width and Type: 24' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 - 5.93 MILE): 4' AC; 0'; 6' - 8' AC; 0'; 6'-8' AC; 0'; 6' - 8' AC; 0'; 6' - 8' AC; 0'; 6' - 8' AC; 0'; 6'-8' AC; 0'; (6'-8' AC)

Median: Width and Type: 10'-70' FLUSH GRASS (GUARDRAILS 0.09, 0.10, 0.21, 0.22); 0'-15' PAINT; 0' - 11' PAINT; 0' - 12' Painted AC; 0' - 12' Painted AC; 0' - 12' Painted AC; 0' - 12' Painted AC; 0' - 12' Painted AC; 0' - 12' Painted AC

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

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

Shoulder: Width and Type (COMBINATION SHOULDER AND BIKE ROUTE FROM 0.00 - 5.93 MILE): 8' AC; 6' - 8' AC; 6' - 8' AC; 6' - 8' AC; 6' - 8' AC; 6' - 8' AC

Number of Traffic Lanes: 4-12'; 4-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1-12') .035; (2-12') .254; 11' TLs

(Right Side): 10' AC shared-use path

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

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

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A (0.09); B; C (1.86, 1.51); B; A (3.31); B (3.73); C (4.09, 4.26); B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

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

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

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

Traffic Stations (Current Year): B74 0031 00147; P47 0031 00697

HPMS Sections - AADT 2022: 35,100; 32,800

HPMS Sections - AADT 2021: 37,229; 31,600

HPMS Sections - AADT 2020: 36,997; 30,300

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL (3)

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

Previous Projects: Project No., Date and Limits

NH-A311(4), WIDEN 2008 (516+34.12) (537+00) STP-0900(58), GUARDRAIL &SHOULDER IMPR., 2004 — 31AB-01-02, WIDENING, 2003 — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 — (31AB-01-02, WIDENING, 2003)

STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 — 31AB-01-02, WIDENING, 2003 (513+20) (570+00) — (735+00) (750+50) (HWY-M-05-04 IMPR, 2006) — 31AB-01-02, WIDENING, 2003

STP-031-1(8) RESURFACING 1996

TQF-RF-031-1(6) 1981 — 31B-01-94, 1994 — TQF-RF-031-1(6) 1981

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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

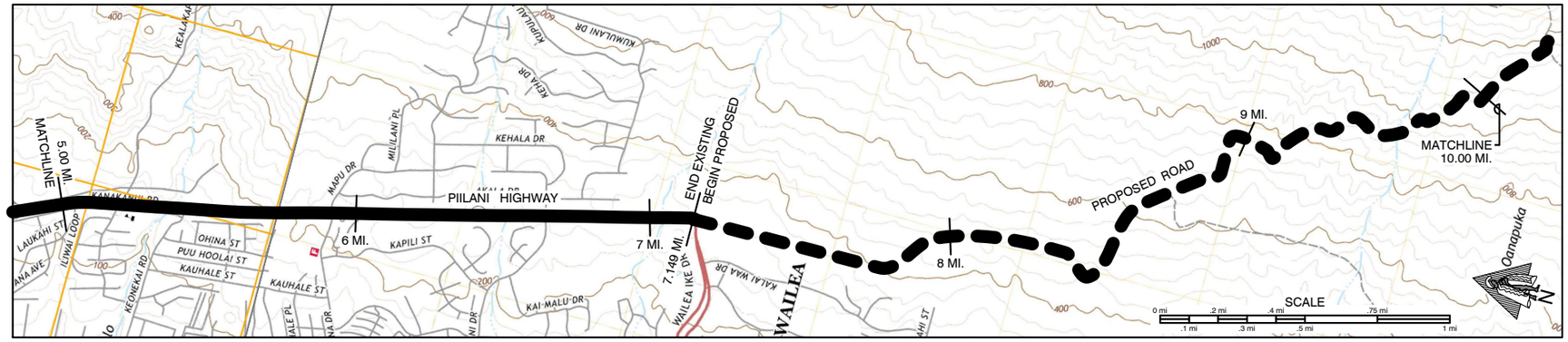
MAUI RTE 31
PIILANI HIGHWAY

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: 12.010 miles
a. Survey Length: 7.149 miles
b. Proposed Length: 4.861 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 105' - 225' (5.00); 105' - 305'

Available Right of Way Width (Needs Study)

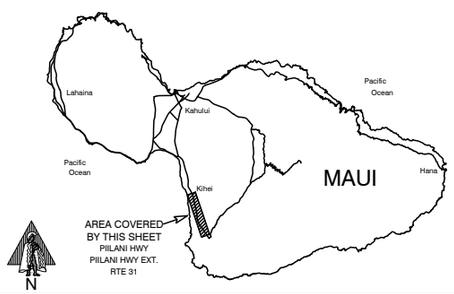
Right of Way Fence: Type - Right and Left: CHAINLINK (5.41–5.99); CHAINLINK (5.99–7.21)

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-031-1(013), Safety Improvement, 2021

Project No., Type of Construction, and Year Constructed: ARR-031-1(11), PREVENTIVE MAINTANCE, 2010 (5.99)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 1.

5.00 mi.

PIILANI (9 MPM) — Keonekai Rd Culvert Begin Divided (5.417 mi.); End Divided (5.580 mi.); Mapu Place and Begin Divided (5.918 mi.); Kilohana Dr

HIGHWAY (10 MPM) — End Divided (6.081 mi.); E C B (R) (6.295 mi.); Begin Divided Culvert (6.366 mi.); Mikioi Pl (6.464 mi.); Okolani Dr; End Divided (6.647 mi.); Begin Divided (6.874 mi.); 7.028 mi.

*7.149 mi.

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

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

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

Route 31 - PROPOSED ROAD = 4.861 Miles

NO TRAVELWAY

CONTINUED ON SHEET 3.

10.00 mi.

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 (.690); 33' AC (.859); 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'
- Median: Width and Type: 0' - 12'; 0' 14'; 0' - 14'; 0' - 25' Painted AC
- Median Barriers: Painted AC (.324, .590, .918); Painted AC (.081, .516); Painted AC (.874, .028); 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; 10' AC; 0'

Number of Traffic Lanes: 4 - 11'; 2 - 11' (.690); 1 - 11'; 1 - 12'; 2 - 12' (.515); 2 - 12' (.647); 1 - 12' (7.060)

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 11' (.345); 10' (.539); 11' (.707); 10' (.849); 10' (.915); 12' (.514); 12' (.731); 10' (.732)

(Right Side): 13' (.272); 11' (.417); 10' (.690); 11' (.849); 10' (.514); 10' (.647); 12' (.781)

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

Sidewalk: Width and Type (Right and Left): 6' Conc. (.577–.771); 6' Conc. (.982–7.060)

Curb and/or Gutter: Type (Right and Left): AC Curb (.933); AC Curb (.128–.284); AC Curb (.555–.980); Conc. Curb (.779–.010); AC Curb (.963–1.120); 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) (7.13)

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 (5.49–5.22); 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: 35 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 2022: 32,800; 15,768

HPMS Sections - AADT 2021: 31,600; 16,200

HPMS Sections - AADT 2020: 30,300; 15,600

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

(31AB-01-02, WIDENING, 2003); STP-0900(58), GUARDRAIL & SHLDR. IMP., 2004 (5.91); HWY-M-01-06M, RESURF., 2007 (150+00)

(5.22) STP-0900(58), GUARDRAIL & SHLDR. IMP., 2004

31AB-01-02, WIDENING, 2003

STP-031-1(8), RESURFACING 1996 (5.94)

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

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.
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

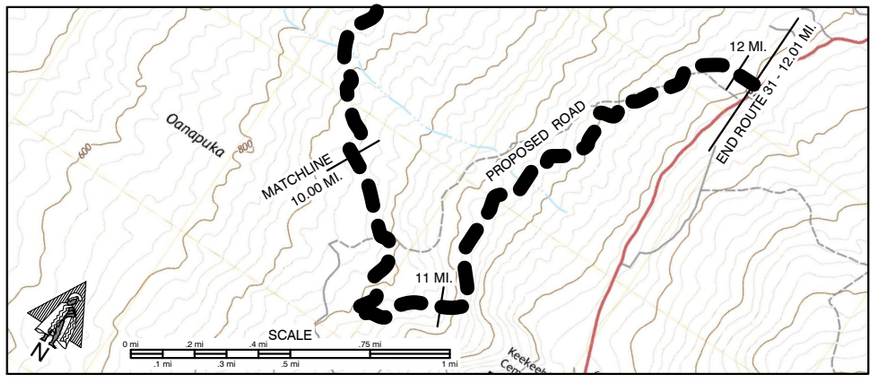
PIILANI HIGHWAY

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: 12.010 miles
a. Survey Length: 7.149 miles
b. Proposed Length: 4.861 miles
c. Other Length: 0.000 miles



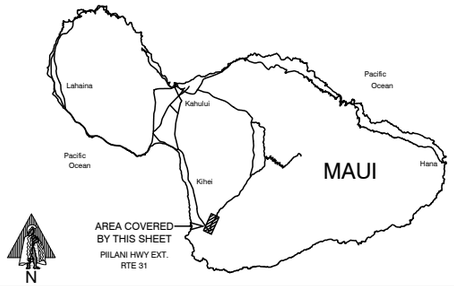
SCALE: (In Miles) 4" = 1 mile

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



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET 2.

10.00 mi.

Route 31 - PROPOSED ROAD = 4.86 Mile

NO TRAVELWAY

12.01 mi.

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

SCALE: (In Miles) 4" = 1 mile

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves 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 2022
HPMS Sections - AADT 2021
HPMS Sections - AADT 2020
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS) ON NHS - UNBUILT
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.
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.

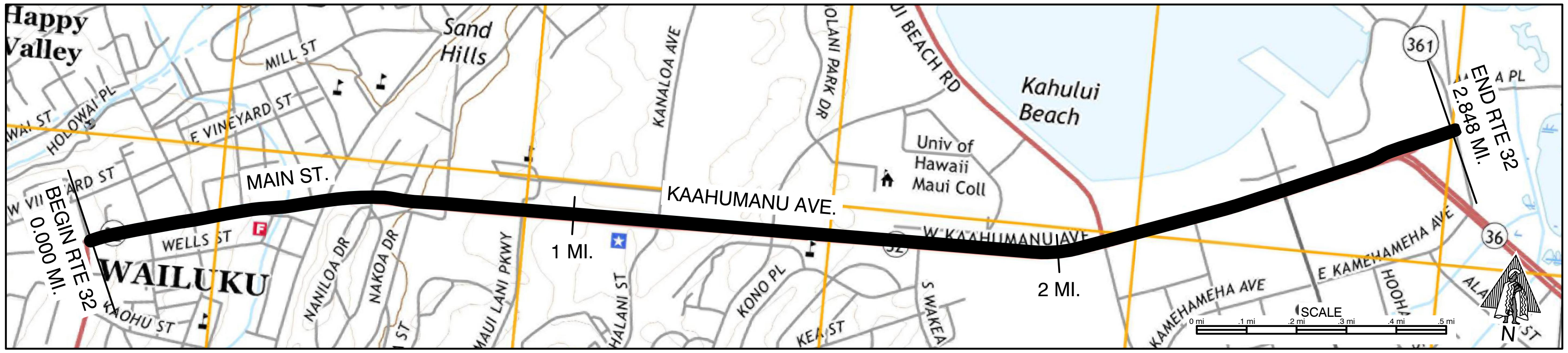
ROAD INVENTORY
MAUI RTE 32
MAIN ST. - KAAHUMANU AVE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

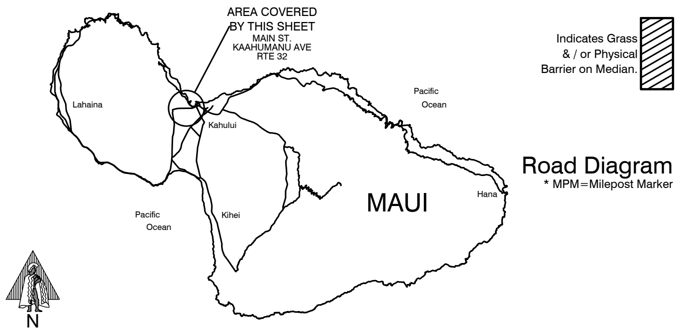
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Designated Route Length: 2.848 MILES (a+b)
a. Existing Length: 2.848 MILES
b. Proposed Length: 0.000 MILES
Total Travel Way Length: 2.848 MILES (a+b, less c)
a. Existing Length: 2.848 MILES
b. Temporary Length: 0.000 MILES
c. Length used as T.W. for another Route: 0.000 MILES (-)
NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



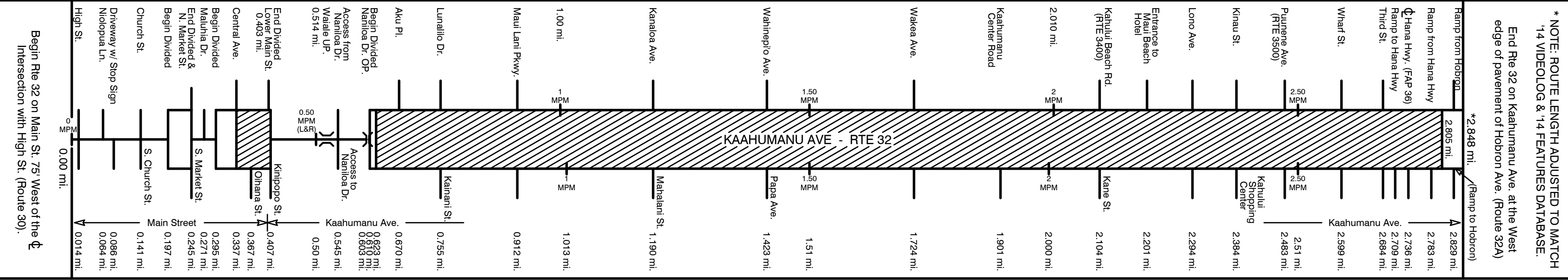
Scale: 6 5/8"= 1 mile

Item	0 – 3 mi
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
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	34'
Structure Over Road — Vertical Clearance	14' 10"
Structure Over Road — 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
* MPM=Milepost Marker



Scale: 6 5/8"= 1 mile

Item	0 – 3 mi
Divided Highway — Undivided — Shoulder: Width and Type	0 — 8'-10' AC — 0 — 4' AC — 0 — 4'-6' AC; 6' Bike Lane — 0 — (4' AC)
Divided Highway — Undivided — Pavement: Width and Type	26' AC — 23' AC — (25' AC) — 12' AC — 28' AC — 12' AC — (23' AC) — 33' AC — 24' AC — (2' AC) — 22' AC — 33' AC — 12'-22' AC — (14' AC)
Divided Highway — Shoulder: Width and Type	0 — (14' AC) — 0 — 4'-8' AC — (0) — 1' AC — 0 — 1' AC — 0 — (2' AC) — 0 — (1' AC) — (3' AC) — 0
Divided Highway — Median: Width and Type	(0'-8' Painted AC) — Conc. Curb — (Conc. Curb & Gutter) — (Conc. Curb) — 4' - 24' Grass (raised) — 4'-24' Trees & Shrubs (Raised) — 4'-24' Grs. (Raised) — (0'-4' Painted AC)
Divided Highway — Shoulder: Width and Type	0 — 0 — (0) — 10' AC — (3' AC) — 0 — (3' AC) — (2' AC) — 0 — 1'-6' AC — 0
Divided Highway — 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)
Divided Highway — Shoulder: Width and Type	0 — 1'-11' — 0 — 3' AC — 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' — 1-14' — 2-11' — 2-12' — 4-12' — 2-12' 3-12' — 4-12' — 2-11' 3-11' — 6-11' — 3-11' 2-11' — 1-12' to 22' 2-14' — (1-14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) PL= 8' Parking Lane	11' — 10' — 12' — 2 (L) TLs — 11' — 10' — 12'
(Right Side) PL= 8' Parking Lane	11' — PL — PL — 12' — 10' — 12' — 2-12' TLs — 14'
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	5' Conc. — (5' AC) — 4' Conc. — 8' 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 — Stone Curb — (Conc. Curb) — C.C. — C.C. 2'G — Conc. Curb 2' Gutter — (Conc. Curb 2' Gutter)
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted.	Conc. & Stone Curbs — Stone Curb — C.C. 2' G. — AC Curb — C.C. 2'G — C.C.
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
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 — 1.49 — 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing Ph.=Phase	3 Ph. — 3 Ph. — 3 Ph. — 3 Ph. — 4 Ph. — 4 Ph. — 4 Ph. — 4 Ph. — 3 Ph. — 3 Ph. — 3 Ph. — 4 Ph. — 3 Ph.

Item									
Traffic Stations (Current Year)	B74 0032 00024	B74 0032 00060	B74 0032 00119	B74 0032 00172	B74 0032 00210	B74 0032 00248	B74 0032 00260	B74 0032 00274	
HPMS Sections - AADT 2022	12,300	19,300	29,800	21,100	44,710	31,800	29,600	2,994	
HPMS Sections - AADT 2021	13,800	20,500	29,700	20,600	44,800	35,900	30,100	3,000	
HPMS Sections - AADT 2020	16,100	18,400	28,700	20,300	44,200	34,600	27,700	3,100	
Limits	0.40	1.19	1.42	2.10	2.48	2.60	2.74	2.848	

Item	0 – 3 mi
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 — 2.39 — (32A-01-96, 1998); 2.70 — 2.78
	0.47 — HWY-M-04-97, 1998 (R) — (36A-01-96M, (R), 1999)
	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) — 2.16 — F-032-1(1), 1957 — 2.68 — DANC 8(1) 1944
	(100+75.81) — (3+85.21) — (11+00) — (38+60.33) — (3+84.06)

Scale: 6 5/8"= 1 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

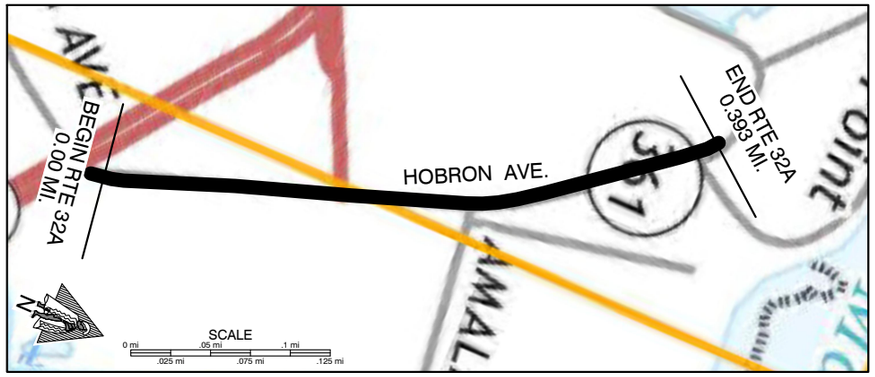
MAUI RTE 32A
HOBRON AVENUE

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: 0.000 miles
c. Other Length: 0.000 miles



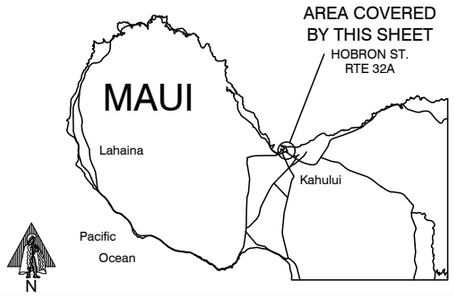
SCALE: (In Miles) 20" = 1 mile — 0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Maintenance Control Sections : Length and Description
Begin 32A same as begin route. 32A (0.41 MI) End 32A same as end route.

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' (0.22) 50'
Available Right of Way Width (Needs Study): COMMERCIAL DISTRICT
Right of Way Fence: Type - Right and Left: NONE
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 5+28 STATE (0.17) STATE PHASE II (1)13+60
Project No., Type of Construction, and Year Constructed: (0.03) HWY-M-01-05 (R) 2006 (0.39) ← COUNTY TO STATE
Project No., Type of Construction, and Year Constructed: (Inter. Improvement) STP-036-1(12) 2000 (0.04) HWY-M-01-91M (R) 1992



Road Diagram
* MPM=Milepost Marker

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 (0.154 mi.) | North approach (0.178 mi.) | AMALA PLACE (0.232 mi.) | ALA LUINA ST. (0.383 mi.)

HOBRON AVENUE

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

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

SCALE: (In Miles) 20" = 1 mile — 0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC (0.37) ← 15' - 20' AC/GRAVEL
- Pavement: Width and Type: 22' AC | 33' AC (0.132) | 22' AC
- Shoulder: Width and Type: 0 (0.041) | 6' AC (0.15) | 12' Grass (0.17) | 10'-15' Gravel (0.24) | 6' AC
- Median: Width and Type: 11' Painted AC
- Shoulder: Width and Type: 0 (0.041)
- Pavement: Width and Type: 11' AC
- Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2 - 11' | 1 - 11' (0.132) | 2 - 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (0.178) 1 - 11' (0.225)
(Right Side): (0.027) (0.059)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): (0.047) 6' Conc. Side Walk (0.220)
Curb and/or Gutter: Type (Right and Left): AC C. .037 | .047 Conc. Curb (0.220)
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) (0.22)
Speed: 1-Design, 2-Posted: 20 MPH (2) NOT POSTED | NOT POSTED 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: (0.174)
Traffic Stations (Current Year): B74 032A 00000
HPMS Sections - AADT 2022: 5,200 (.360)
HPMS Sections - AADT 2021: 4,300
HPMS Sections - AADT 2020: 4,700
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 — 0.00 | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 | 0.60 | 0.70 | 0.80 | 0.90 | 1.00

Date Released	
Oct. 04, 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

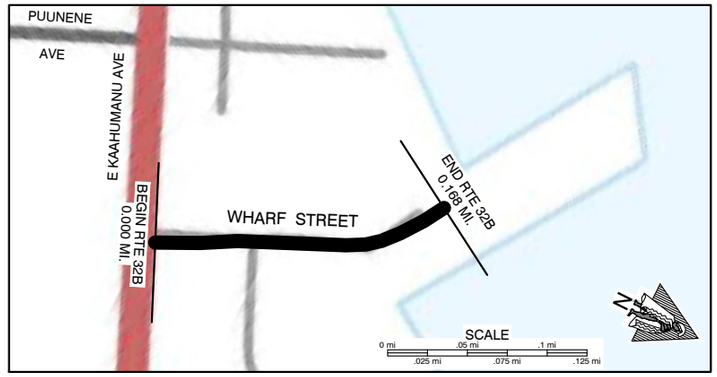
MAUI RTE 32B
WHARF STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

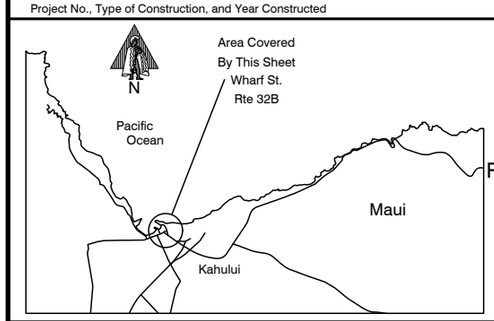
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: .0168 miles
a. Survey Length: 0.168 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 20" = 1 mile — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Maintenance Control Sections : Length and Description	32B (0.168 MI) — Begin and end 32B same as begin and end route 32B
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.-max.) if varies	60'
Available Right of Way Width (Needs Study)	COMMERCIAL AREA
Right of Way Fence: Type - Right and Left	0.00 0.03 Chain Link Fence
Control of Access: 1-None, 2-Partial, 3-Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	0+00 STATE 5+70
Project No., Type of Construction, and Year Constructed	0.00 HWY-M-01-05M 2006 (R) 0.11 LT-M-01-78M (R) WDR 34(1)
Project No., Type of Construction, and Year Constructed	HWY-M-01-91M 1992 (R) 1979 0.14



Road Diagram
* MPM=Milepost Marker

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

0.00 MI.

GUARD HOUSE

WHARF STREET

0.071 mi.

*0.168 MI.

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

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

SCALE: (In Miles) 20" = 1 mile — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Divided Highway, Undivided: Shoulder: Width and Type	2' AC 0.09 6' AC 0.07 10' AC 0.14 30'-50' AC
Divided Highway, Undivided: Pavement: Width and Type	24' AC 0.13 26' AC 0.06 0.04 32'-48' AC
Divided Highway, Undivided: Shoulder: Width and Type	2' AC 4' AC 0.08 0 0.11 40'-50' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	0.18 0.03 2-12 1-12' 1-14 1 - 14'-18' 1 - 18'-30'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	12' T.L. 0.04
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	0.14 0.07 6' CONC. 6' CONC.
Curb and/or Gutter: Type (Right and Left)	CONC. CURB CONC. CURB
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	D 0.02 A 0.10 D 0.13 A
Superelevation (Range)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	A
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	SMALL URBAN (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	FLAT (1)
Speed: 1-Design, 2-Posted	20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	N/A
Traffic Stations (Current Year)	B74 032B 00000
HPMS Sections - AADT 2022	820
HPMS Sections - AADT 2021	970 — 168
HPMS Sections - AADT 2020	930
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL (3)
National Highway System (NHS)	ON NHS (1)
Previous Projects: Project No., Date and Limits	
	WDR 34 (1) COUNTY PROJECT

SCALE: (In Miles) 20" = 1 mile — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Date Released	
Oct. 04, G.N.	
Revised	
Nov. 06	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
May 13	EPJ
Dec. 13	EPJ
July 14	D.B.
Jan 16	EPJ
Jan 17	EPJ
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	EPJ

ROAD INVENTORY

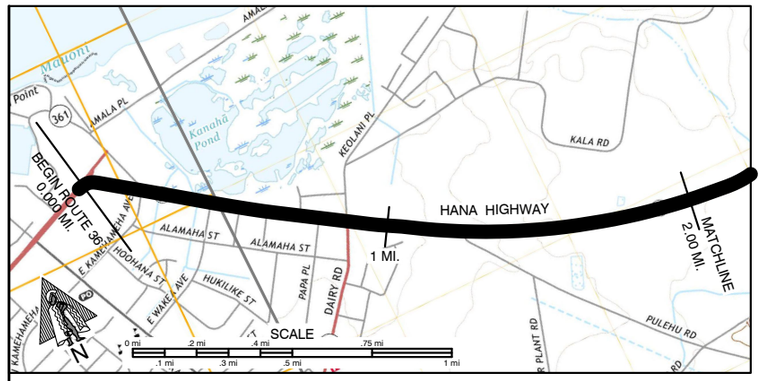
MAUI RTE 36
HANA HIGHWAY

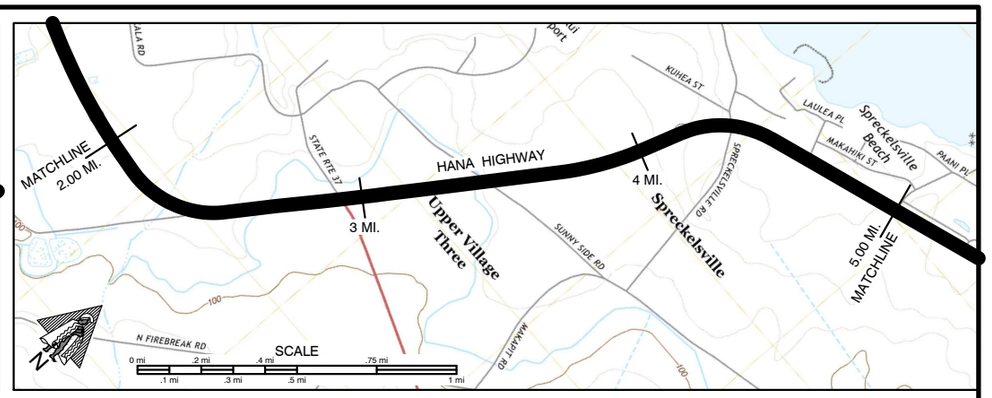
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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: 0.000 miles
c. Other Length: 0.000 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 — PRESTRESSED CONCRETE GIRDER 1991 HS-20-44
- Vertical Clearance: 53' (2.29)
- 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) (0.89) (2.79) (151+00)

Project No., Type of Construction, and Year Constructed: NH-036-1-(17), PREV. MAINT., 2010 — HWY-M-01-15M, (R), 2018 (182+00) (208+00) (241+00) (169+00)

Project No., Type of Construction, and Year Constructed: 36A-01-96M (R), 1999 (0.15) (0.27) STP-036-1(12) Inter. Impr., 2000 36A-01-96M (R), 1999 (0.89) (0.96) (43+17) (44+17) NH-036-1(16), RESURFACE, 2010 (2.39) (130+00) HWY-M-02-08, IMPRV., 2010 (2.57) STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 (4.28) 36AB-01-04M, RESURFACE, 2005 (4.55) STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 (4.93)

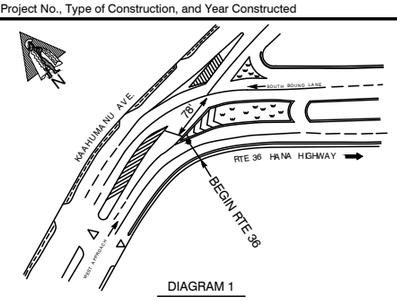


DIAGRAM 1

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

HOBRON ST (Rte 32A) — WAIKEA AVENUE — HANAMAU STREET — HALEAKALA HWY (Rte 36A) — KOLOA ST. — PAPA PLACE — DAIRY ROAD (Rte 360) — ROAD — HOOKELE ST. — TELEM. STA. 36016 — CONC. TG & CANE HAUL RD — KALIALINUI BR — HANSEN ROAD — CULVERT — HALEAKALA HWY (Rte 37) — END DIVIDED — KALA RD. CULVERT — CANE HAUL RD — BEGIN DIVIDED — ROAD (R) STABLE RD. (L) — END DIVIDED — BEGIN DIVIDED — ALAKAPA PL — END DIVIDED — BEGIN DIVIDED

HANA HWY — 0 MPM — 2 MPM — 3 MPM — 3.00 mi. — 2.196 mi. — ECB — 3.50 MPM (L&R) — 4 MPM (R) — 4.50 MPM

Kamehameha Ave — Hanakai St. — SPUR 0.524 mi. — SPUR 0.582 mi.

0.031 mi. 0.196 mi. 0.428 mi. 0.523 mi. 0.614 mi. 0.721 mi. 0.783 mi. 0.875 mi. 0.889 mi. 0.961 mi. 1.449 mi. 1.723 mi. 1.798 mi. 2.009 mi. 2.297 mi. 2.374 mi. 2.468 mi. 2.650 mi. 2.823 mi. 2.875 mi. 2.917 mi. 2.99 mi. 3.22 mi. 3.434 mi. 3.368 mi. 3.49 mi. 3.795 mi. 4.00 mi. 4.22 mi. 4.337 mi. 4.37 mi. 4.45 mi. 4.49 mi. 4.638 mi. 4.73 mi. 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 — 4' CONC. MEDIAN GUTTER — VARIES 16'-24' GRASS — 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
- 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' — 2 - 12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) ALL T.L.'s 12' unless noted: 2 - 11' — 2 - 12' — 3-12' — 2-12' — 1-12'

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

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

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

Curb and/or Gutter: Type (Right and Left): CONC. CURB — 4' - 6' CONCRETE GUTTER

Protective Devices: Type, Location and Number All 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 00169 — P74 0000 0036B

HPMS Sections - AADT 2022: 34,400 — 35,700 — 19,200

HPMS Sections - AADT 2021: 32,600 — 35,000 — 18,500

HPMS Sections - AADT 2020: 30,500 — 35,200 — 18,100

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 (0.87) (43+17) — NH-036-1(16), RESURFACE, 2010 (0.89) (3.22) — STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 (3.88) (208+00)
- STP-0900(34) 1998 (0.80) (0.87) — HWY-M-01-96M AREA 3, 1997 (3.22) — AM-1061-12 (IMPROV), 1991 (3.22) (173+85) — 36AB-01-04M, RESURFACE, 2005
- 36A-02-87M (R) 1988 (2.97) (3.06) — 36AB-01-90M (R) 1991
- 36A-01-82 Inter. Impr. 1983 (2.80) (4.52)
- DANC 8(1) 1945 (0.06) — HWY-M-01-76M (R) 1976 (3.08) — HWY-M-02-76M (R) 1976 (3.80) — (4.50) (247+44.36) NRS - 17A
- DANC 8(1) 1943, 1945 (242+00) 1933

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.

Revised	
Feb. 06	D.B.
Nov. 06	D.B.
Mar. 08	D.B.
Dec. 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
May 13	E.P.J.
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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

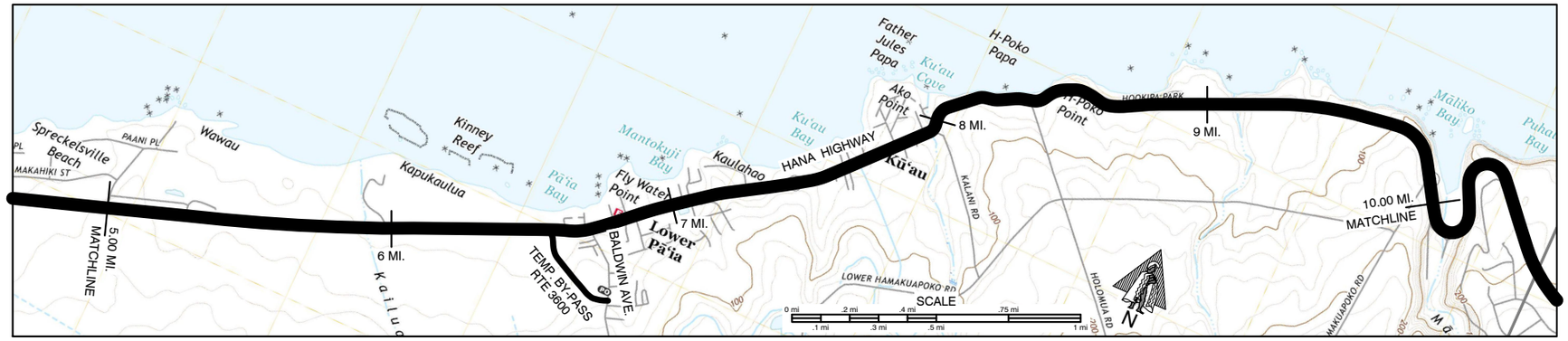
MAUI RTE 36
HANA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

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

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

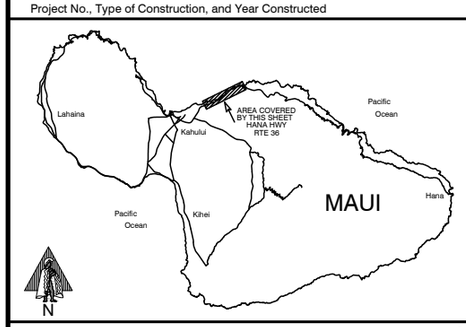
Right of Way Fence: Type - Right and Left: NONE

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

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

Project No., Type of Construction, and Year Constructed: HWY-M-01-15M, (R), 2018 | 36AB-01-17M, RESURFACE, 2021 | HWY-M-14M, SIGN REPLACEMENT, 2016

Project No., Type of Construction, and Year Constructed: STP-0900(58), GUARDRAIL & SHOULDER IMPR., 2004 | 36AB-02-04M (R) 2006 | 36AB-01-04M, RESURFACE, 2005 | 36BC-01-10M, PREV. MAINT., 2011



Road Diagram
* MPM=Milepost Marker

ROUTE CONTINUED FROM SHEET # 1

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

5.00 mi. | 5.01 mi. | 5.13 mi. | 5.278 mi. | 5.51 mi. | 5.869 mi. | 5.901 mi. | 5.977 mi. | 6.01 mi. | 6.03 mi. | 6.302 mi. | 6.469 mi. | 6.527 mi. | 6.551 mi. | 6.605 mi. | 6.655 mi. | 6.691 mi. | 6.757 mi. | 6.779 mi. | 6.824 mi. | 6.858 mi. | 6.882 mi. | 6.975 mi. | 7.000 mi. | 7.059 mi. | 7.034 mi. | 7.151 mi. | 7.281 mi. | 7.318 mi. | 7.577 mi. | 7.641 mi. | 7.701 mi. | 7.764 mi. | 7.812 mi. | 7.839 mi. | 7.922 mi. | 7.965 mi. | 8.058 mi. | 8.03 mi. | 8.350 mi. | 8.551 mi. | 8.53 mi. | 8.718 mi. | 8.807 mi. | 8.913 mi. | 8.966 mi. | 9.010 mi. | 9.118 mi. | 9.323 mi. | 9.532 mi. | 9.505 mi. | 9.511 mi. | 9.691 mi. | 9.968 mi. | 10.00 mi.

ROUTE CONTINUES ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC | 4' GRS | 0' | 6' AC | 6' GRASS | 4' AC | 6' GRASS | 6' AC
- Pavement: Width and Type: 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 22' AC | 11' AC | 22' AC
- Shoulder: Width and Type: 0' | 4' AC | 0' | 4' AC | 4' GRS | 0' | 4' AC | 0' | 6' GRASS | 4' AC | 6' GRASS | 6' AC | 10' GRASS | 0 | 5' - 6' AC
- Median: Width and Type: 12' PAINT AC | 10' PAINT AC | CLMRS | 10' PAINT AC | CENTERLINE MILLED RUMBLE STRIP | 0' -10' PAINTED AC
- Shoulder: Width and Type: 0' | 0' | 0' | 0' | 0
- Pavement: Width and Type: 12' AC | 12' AC | 12' AC | 11' AC
- Shoulder: Width and Type: 4' AC | 4' AC | 4' GRS | 6' GRASS | 6' AC

Number of Traffic Lanes: 2 - 12' | 1-12' | 1-15' | 2-12' | 2 - 11'

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

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

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

Curb and/or Gutter: Type (Right and Left): 4' CONC. GUTTER

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

Illumination: Type, Location and Number: MV

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

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

Grades Class: +/- % A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): (B) A | B | A | B | A | B | A | B | A | 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) | ROLLING (2) | MOUNTAINOUS (3)

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

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

Traffic Stations (Current Year): P74 0000 0036B | B74 0036 00799 | P74 0036 00872

HPMS Sections - AADT 2022: 19,200 | 13,700 | 13,600

HPMS Sections - AADT 2021: 18,500 | 15,000 | 13,400

HPMS Sections - AADT 2020: 18,100 | 14,400 | 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
- 36AB-01-90M RESURFACE 1991 | 36AB-02-02, SHLDR. LN., 2005 | 36AB-01-99M, 1996 (R) | 36AB-01-90M RESURFACE 1991 | STP-036-1(8) RESURFACE
- 36AB-01-90M RESURFACE 1991 | 36AB-01-90M (RESURF) 1991 | STP-036-1(7) 1997
- 36AB-01-75 (RESURF) 1975 | 36B-02-79 (IMPROV) 1979 | 36BC - 01 - 82M (RESURF) 1982
- NRS - 17A 1933 | JOB # 5213 | WDRC 14(1) 1948 | F-036-1(1) REVAMP 1961 | F-036-1(1) 1959

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	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

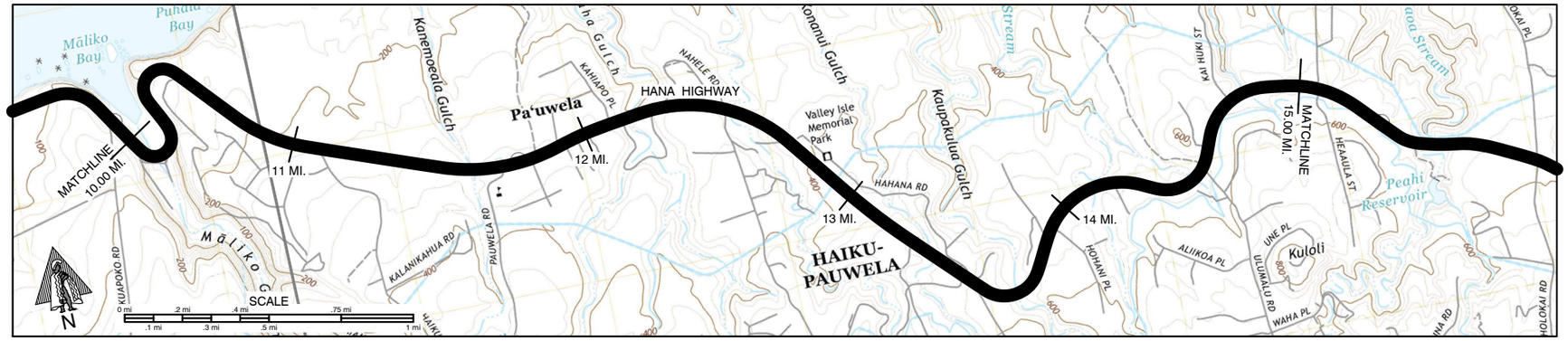
MAUI RTE 36
HANA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 36B (4.32 MI)
- 10.10: End 36B, Begin 36C at the centerline intersection of Hana Hwy and Kakomo-Haiku Road
- 36C (5.21 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 10.01 TEE BEAM 1961 205' HS20; 22.61 PRESTRESSED CONCRETE GIRDER, HL-93, 2003 225'
- Vertical Clearance: 28'; 34'
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80' - 200'; 10.10 80' - 285'; 22.61 80' - 135'

Available Right of Way Width (Needs Study): CUT SLOPES; 10.70 CLR 1000' PINEAPPLE 20' FROM PAVEMENT; 10.90 TREES AND BUSHES; 11.70 RES. AREA; 12.18 TREES; 12.90 CLR 1000' PINE 15' FROM PVMT; 13.10 CUT SLOPES WITH PASTURES AND FARMS

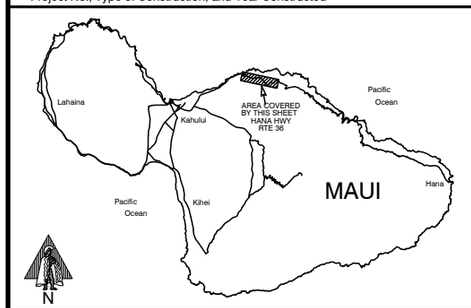
Right of Way Fence: Type - Right and Left

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

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

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

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



Road Diagram
* MPM=Milepost Marker

ROUTE CONTINUED FROM SHEET # 2

10.00 mi. MALIKO BRIDGE; ROAD; HAIKU ROAD; ROAD TO CEMETERY; DIRT ROAD (L); PALAWELA ROAD (R); GATED ACCESS RD.; PILE ALOHA ST. (R); ROAD (L); KAHAPO PLACE; KAUKOA PLACE; KAHONU PLACE; AKAHAI PLACE; VAIKINA LOOP (R); NAHELE ROAD; VAIKINA LOOP; W. KUIAHA RD. (R); NAHELE RD. (L); VALLEY ISLE MEMORIAL PARK; E. KUIAHA ROAD (R); DRIVEWAY (L); PEAHI RD. (R); HAHANA RD. (L); KAUPAKULUA BRIDGE; HOHANI PLACE; O'ILI ROAD; ULUMALU ROAD; KAI HUKI ST.; 15.00 mi.

HANA HIGHWAY — ECB — 10 MPM; 10.5 MPM; 11 MPM; 11.5 MPM; 11.910 mi.; 11.992 mi.; 12 MPM; 12.5 MPM; 13 MPM; 13.5 MPM; 14 MPM; 14.5 MPM

0.008 mi.; 10.074 mi.; 10.161 mi.; 10.135 mi.; 10.522 mi.; 11.002 mi.; 11.019 mi.; 11.523 mi.; 11.622 mi.; 11.693 mi.; 11.753 mi.; 11.821 mi.; 11.886 mi.; 11.910 mi.; 11.980 mi.; 12.002 mi.; 12.074 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.; 14.57 mi.; 14.76 mi.

ROUTE CONTINUE ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC; 12.95; 4' - 6' AC; 13.52; 10' AC; 13.84; 4' - 6' AC
- Pavement: Width and Type: 22' AC; 13.614; 2' AC; 13.698; 22' AC
- Shoulder: Width and Type: 5' - 6' AC; 4' - 6' AC; 10' AC; 4' - 6' AC
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 - 11'; 13.614 2-12'; 13.698 2 - 11'

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

(Right Side): NONE; 9.908 9.908

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): 4' CONC. GUTTER; 10.21; 10.48; 3' CONC. GUTTER; 10.71; (4' CONC. GUTTER); 10.95; 4' CONC. GUTTER; 11.12; 11.34; 11.49; 11.59; 11.71; 3' AC; (2' CONC. GUTTER); 12.12; 12.32; 12.41; (2' CONC. GUTTER); (4' CONC. GUTTER); 12.56; 3' CONC. GUTTER; (2' CONC. GUTTER); 6' CONC. SWALE; 13.52; 13.69; 13.76; 13.78; 13.84

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; 10.27; A; 10.33; D; 10.70

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B; 10.21; D; 10.73; C; 11.70; B; 12.00; D; 12.11; C; 12.72; D; 12.89; C; 13.38; B; 13.62; A; 13.75; B; 14.22; C; 14.37; B; 14.54; A; 14.71; B

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: ROLLING (2); 9.666; 10.26; 11.610; 12.002; 12.807; 13.899

Speed: 1-Design, 2-Posted: 35 MPH (2); 9.648; 45 MPH (2); 11.622; 30 MPH (2); 12.008; 45 MPH (2); 12.807; 30 MPH (2); 13.899; 35 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): P74 0036 00872; B74 0036 01170; P74 0036 01578

HPMS Sections - AADT 2022: 13,600; 11,100; 14.057; 5,200

HPMS Sections - AADT 2021: 13,400; 11,000; 4,900

HPMS Sections - AADT 2020: 13,300; 10,800; 4,700

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; 12.94; 13.52; 13.84 (BR-036-1(15), 2003 BRIDGE REPLACEMENT)
- STP-036-1(7) 1997; 12.94; STP - 0900 (39), 1996 RESURFACE
- 36BC-01-82M 1982 RESURFACE; 12.53; 12.94; 36C-01-87M 1987 RESURFACE
- F-036-1(1) 1961 REVAMP; 10.57; 13.57; F - 32 (2) 1957
- F-036-1(1) 1959; 10.46; F - 32 (3) 1951, 1953; 13.52; F - 32 (2) 1946

SCALE: (In Miles) 4" = 1 mile

(180+79.87); (2+58.86); (164+34.19); (3+34.19)

Date Released	
Oct. 04,	G.N.

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

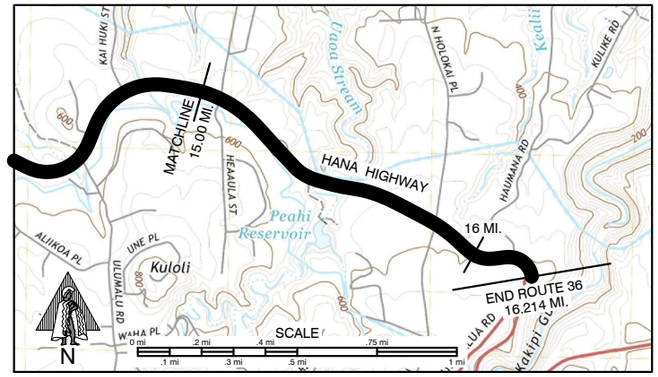
MAUI RTE 36
HANA HIGHWAY

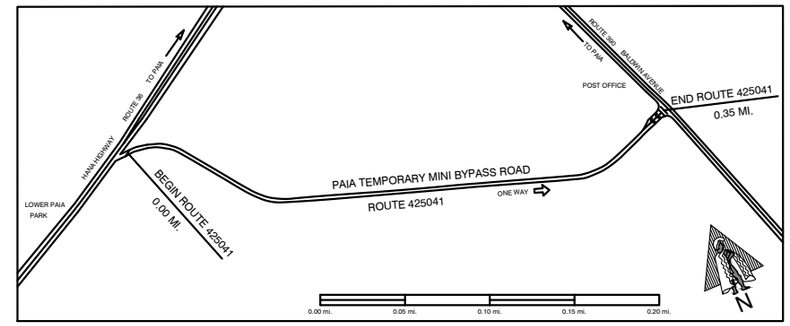
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

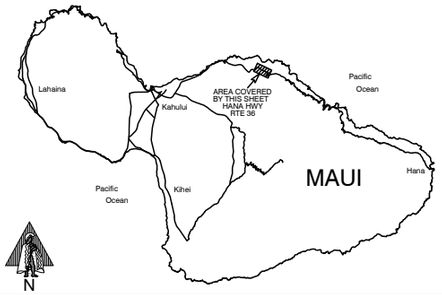
Total Route Length: 16.214 miles
a. Survey Length: 16.214 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles





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	15.36 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	
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
* MPM=Milepost Marker

ROUTE CONTINUED FROM SHEET #3

15.00 mi. — HEAAULA PLACE (MANAWAI PL.) — UAOA BRIDGE — HOOKULI ROAD — HOLOKAI ROAD — HAUMANA ROAD — *16.214 mi.

HANA HIGHWAY — 15 MPM — 15.5 MPM — 16 MPM

15.061 mi. 15.036 mi. 15.414 mi. 15.439 mi. 15.639 mi. 15.845 mi. 16.023 mi. 16.125 mi.

* 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.

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

0.00 MI. — DIRT ROAD — 0.12 mi. — 0.35 MI.

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

END ROUTE 425041 ON PAIA TEMPORARY BYPASS ROAD AT NORTHWEST EDGE OF PAVEMENT OF BALDWIN AVENUE.

SCALE: (In Miles) 4" = 1 mile

Divided Highway, Undivided	Shoulder: Width and Type	4' - 6' AC	2' AC
	Pavement: Width and Type	22' AC 0.429 24' AC 0.597 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
	Median: Width and Type		
	Shoulder: Width and Type		
	Pavement: Width and Type		
	Shoulder: Width and Type		
Number of Traffic Lanes		2 - 11' 0.429 2 - 12' 0.597 2 - 11'	1-12' 0.33 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		NONE	
(Right Side)		NONE	0.33
Frontage Road: No. of Lanes, and Width (Right and Left)		NONE	
Sidewalk: Width and Type (Right and Left)			
Curb and/or Gutter: Type (Right and Left)		(4' CONC. GUTTER) (2' CONC. GUTTER) 15.51 15.61 15.64	
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted.	.082 .159 .257 .544 .848 .946 .973 1.121	
Illumination: Type, Location and Number		.286 .195 .320 .686 15.36 15.64	
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 .320 B 15.36 A .96 15.64 C 16.09 D	E 0.05 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 15.62 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) 0.429	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)		P74 0036 01578	
HPMS Sections - AADT 2022		5,200	0.21
HPMS Sections - AADT 2021		4,900	
HPMS Sections - AADT 2020		4,700	
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 (137+21.46) 16.05 0+00	

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 04, G.N.

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

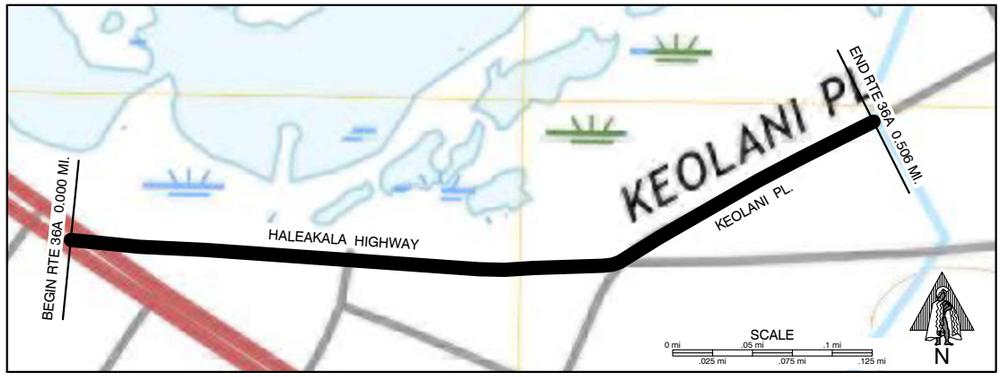
HALEAKALA HWY., KEOLANI PL.

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: 0.000 miles
c. Other Length: 0.000 miles

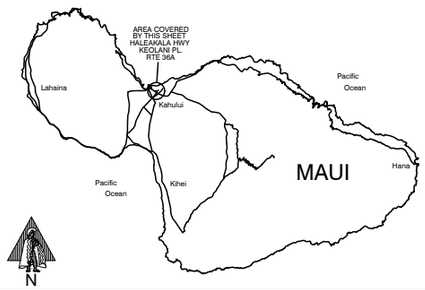


SCALE: (In Miles) 20" = 1 mile — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

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

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

Right of Way Width (min.-max.) if varies: 0.32 — 60'
Available Right of Way Width (Needs Study): BUSHES — COMMERCIAL AREA
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (-)0+95 — STATE — 539+81.31
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 — HWY-M-01-05M, RESURF., 2006 — 0.30 0.32 — HWY-M-01-76M 1976



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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 0.319 mi. — RAMP FROM HALEAKALA HWY 0.365 mi. — END DIVIDED 0.43 mi. — TELEM. STA. 36A005 0.506 mi.

HALEAKALA HIGHWAY — DAIRY ROAD — KEOLANI PLACE

*0.506 mi.

* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '14 VIDEOLOG & '14 FEATURES DATABASE.
END ROUTE 36A ON KEOLANI PLACE AT THE KAHULUI AIRPORT BOUNDARY. (CENTERLINE OF CONCRETE DITCH)

SCALE: (In Miles) 20" = 1 mile — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Divided Highway — Undivided:
Shoulder: Width and Type — 0' 0.04 — 6' AC 0.10 — 6' BP WITH CURB 0.23 — 10' GRASS 0.25 — 6' AC 0.319 — 10' GRAVEL 0.46 — 25' GRAVEL
Pavement: Width and Type — 12' BP — 12' AC — 11' AC 0.365 — 12' AC 0.418 — 36' AC
Shoulder: Width and Type — 0' — 10' GRASS
Median: Width and Type — 6'-32' GRASS W/CONC. CURB 0.05 — 0' - 12' PAINTED AC
Shoulder: Width and Type — 0'
Pavement: Width and Type — 12' BP 0.05 — 12' AC 0.319 — 22' AC 0.390 — 24' AC
Shoulder: Width and Type — 0' — 12' GRASS

Number of Traffic Lanes — 2 - 12' — 1 - 11' 0.365 — 1 - 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) — 2 - 11' 0.390 — 2 - 12' — 1-12' 0.148 0.19 0.319
(Right Side) — 0.07 0.148 0.19 — 1-10' — 0.66
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left) — 0.04 — 4' Concrete Sidewalk 0.308 — 0.316 6' Conc. Side Walk — 0.339 6' Conc. Side Walk
Curb and/or Gutter: Type (Right and Left) — .092 AC Curb .200 — 0.316 Conc. Curb 2' Conc. Gutter — 0.00 0.04 — Concrete Curb and Gutter 0.308 — 0.339 Conc. Curb 2' Conc. Gutter
Protective Devices: Type, Location and Number — 0.05
Illumination: Type, Location and Number
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62) — A — 0.18 B 0.20 — A — 0.31 E 0.33 — A
Superelevation (Range)
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45) — A
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: SMALL URBAN (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous — FLAT (1)
Speed: 1-Design, 2-Posted — 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing — 0.319
Traffic Stations (Current Year) — B74 036A 00000 — P74 036A 00051
HPMS Sections - AADT 2022 — 10,600 — 0.32 — 5,000 — 0.506
HPMS Sections - AADT 2021 — 9,600 — 4,100
HPMS Sections - AADT 2020 — 9,300 — 3,000
DOD Sections
Census Tracts
Functional Classification — MINOR ARTERIAL (4)
National Highway System (NHS) — NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
0.04 — 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 — 0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00

Date Released	
Oct. 04	G.N.
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

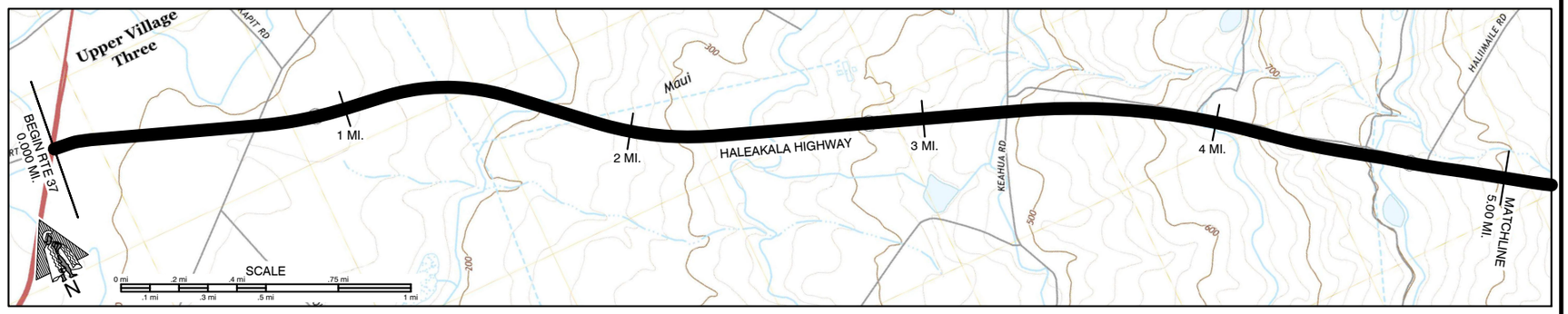
HALEAKALA HWY. & KULA HWY.

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: 0.000 miles
c. Other Length: 0.000 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 Haliimaile Road (4.76)

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

Vertical Clearance

Horizontal Clearance: 48'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 50' (0.70) 60' (3.05) 120' - 140' (4.76) 140' - 200'

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

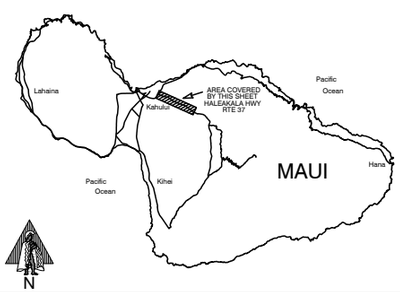
Right of Way Fence: Type - Right and Left

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+99 HWY-M-01-15M, RESURFACING, 2018 (0.09) — 47+00 (0.90) NH-037-1(24), WIDENING, 2009

Project No., Type of Construction, and Year Constructed: HWY-M-01-06M, RESURFACING, 2007 (0.09) — 37D-01-90 (TRUCK CLIMBING LANE) 1991 — 37C-02-90, 1993 NEW ALIGN. (4.76)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

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

0.00 mi. — RAMP TO HANA HWY (0.044 mi.) — BLOCKED QUARRY ROAD (0.059 mi.) — 0.50 MPM — TELEM STA. 37.006 — NORTH FIRE BREAK RD & T.C. — ECB — PAVED RD — CULVERT — ROAD — CULVERT — PAVED ROAD — ROAD — KEAHUA RD. LOWER BRIDGE — ECB — 50? ELEV. SIGN — EMERGENCY ESCAPE RAMP — ROAD — PAVED RD — ROAD — PAVED RD CONC BRIDGE — HALIIMAILE ROAD — 5.00 mi.

HALEAKALA HIGHWAY

0.00 MPM — RAMP FROM HANA HWY (0.144 mi.) — 0.50 MPM — 0.836 mi. — 0.906 mi. — 1 MPM — 2 MPM — 3 MPM — 4 MPM

0.00 mi. — 0.191 mi. — 0.51 mi. — 0.606 mi. — 0.702 mi. — 0.858 mi. — 1.217 mi. — 1.624 mi. — 1.676 mi. — 1.935 mi. — 1.980 mi. — 2.405 mi. — 2.466 mi. — 2.980 mi. — 3.066 mi. — 3.206 mi. — 3.289 mi. — 3.297 mi. — 3.367 mi. — 3.632 mi. — 3.820 mi. — 4.066 mi. — 4.135 mi. — 4.484 mi. — 4.604 mi. — 4.565 mi. — 4.734 mi.

CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 6' AC - 4' GRASS

Pavement: Width and Type: 24' AC

Shoulder: Width and Type: 4' AC

Median: Width and Type: 4'-22' PAINTED AC (.144) — 16'-28 GRASS (0.702) — 16' GRASS FLUSH (0.836) — (0-13' PAINTED AC) (0.906) — 12' -24' GRASS — Guardrail (.429 – .726; .411 – .515; .216 – .727; .465 – .625)

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

Pavement: Width and Type: 1'-2' AC (.06) — 24' AC — 24' PCC

Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2-12' (.06) — 4-12'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1-12' AC (.05) — 12' (.20) — 12' (.85) — 12' (.143) — 12' (.217) — 12' (.899) — 12' (.995) — 12' (.980) — 12' (.145) — 12' (.059) — 12' (.135) — 12' (.214) — 12' (.497) — 12' (.704) — 12' (.901)

(Right Side): (1-12' (L) TL)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): (.630 – .722) (.403 – .512) (.222 – .340) (.486 – .600)

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier: (.432 – .595) CB

Illumination: Type, Location and Number: (.633 – .701) (.435 – .487) (.213 – .282) (.530 – .600)

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) (.12) — 55 MPH (2) (.19) — 45 MPH (2) (.701) — 45 MPH (2) (.659) — 45 MPH (2) (.922) — 55 MPH (2) — 45 MPH (2) (.096) — 45 MPH (2) (.206) — 55 MPH (2) (.362) — 45 MPH (2) (.587) — 45 MPH (2) (.724)

Intersection Control Devices: Type, Location and Cycle Timing: 3 PHASE (.701 – .958)

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

HPMS Sections - AADT 2022: 31,000 — 28,300

HPMS Sections - AADT 2021: 30,200 — 27,300

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

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

36A-01-82 1983 (INTER IMPROV) — 0.04 NH-037-1(22), 2004, HALEAKALA HWY WIDENING 0.91 — 0.10 37CD-01-80M 1980 (RESURFACE) 0.68 — 0.05 FAP E-SE 1933 0.65 — 0.08 FAP E-SE 1932 0.70 — F-037-1(7) 1972 — 37D-01-90 (TRUCK CLIMBING LANE) 1991 — 4.76 — 4.94

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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
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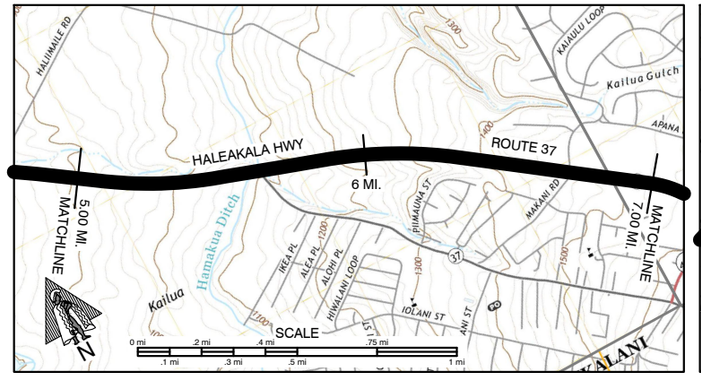
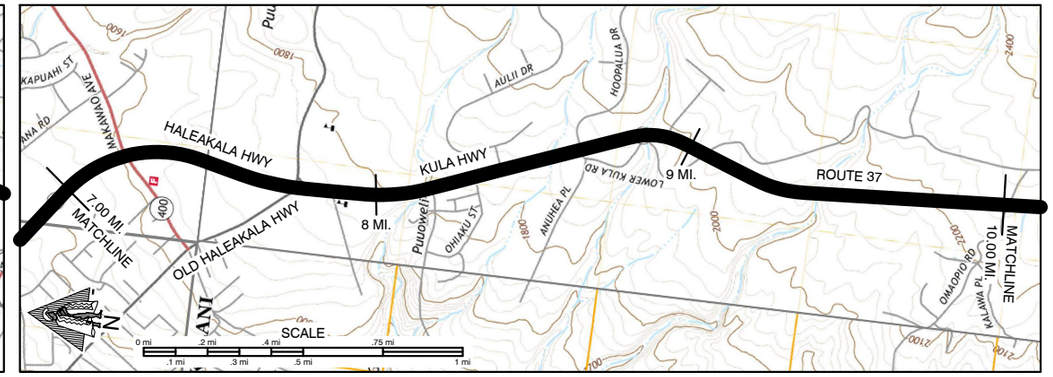




SCALE: (In Miles) 4" = 1 mile

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' (7.91); 90' - 270'

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

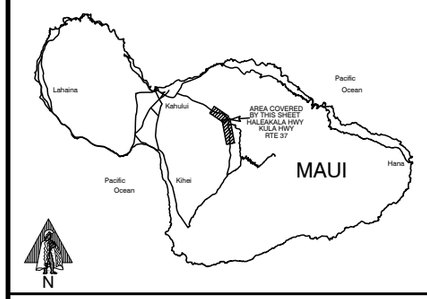
Right of Way Fence: Type - Right and Left: ALL WIRE ON WOOD

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE; (HWY-M-01-06M, RESURF., 2007) 292+30; (HWY-M-01-06M, RESURF., 2007) 155+00

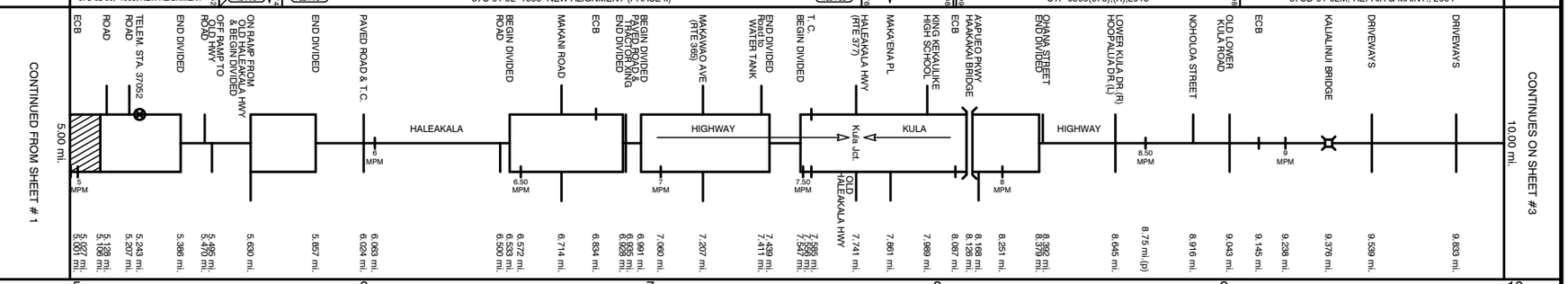
Project No., Type of Construction, and Year Constructed: NH-037-1(24), 2009, WIDENING; 37C-01-13M, RESURFACE, 2014; (37C-01-14, INTERSECTION IMPROVEMENTS, 2018)

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
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 6' AC
- Pavement: Width and Type: 24' AC; 48' AC; 12' AC; 36' AC; 12' AC; 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
- Median: Width and Type: 12'-24' GRASS; 24'-0' PAINT AC; 8' PAINT AC; MILLED CENTERLINE; 12' PAINT AC; RUMBLE STRIP; 12' PAINT AC; 12' PAINT AC
- Shoulder: Width and Type: 8' AC; 0'; 0'; 0'; 0'; 0'
- Pavement: Width and Type: 24' PCC; 24' AC; 24' AC; 24' AC; 12' AC
- Shoulder: Width and Type: 6' AC; 6'-10' AC; 10' AC; 10' AC; 10' AC; 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.; 76 6-8 CONC. S.W.

Curb and/or Gutter: Type (Right and Left): CONC. C. & G.; 76 CONC. C. & G.; PCC CURB; 435 3' Conc. S.W.; 446 C.C.2' C.G.; 435 C.C.2' C.G.

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

Illumination: Type, Location and Number

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

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): (C) D; E; C; E; D; C; D; C; D; 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 01214

HPMS Sections - AADT 2022: 28,300; 15,800; 13,972; 9,581

HPMS Sections - AADT 2021: 27,300; 15,300; 14,000; 9,600

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

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
- (37CD-01-91 1992 RIGHT TURN LANE)
- 37CD-01-80M 1980 RESURFACE
- BF-037-1(1) 1962
- WDRC 14(1) 1948
- FAP 5B 1929
- (RF-037-1(14) 1970)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
Revised	
Nov., 06	D.B.
Feb., 08	D.B.
Jan., 10	D.B.
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ROAD INVENTORY

MAUI RTE 37

HALEAKALA HWY. & KULA HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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b. Proposed Length: 0.000 miles
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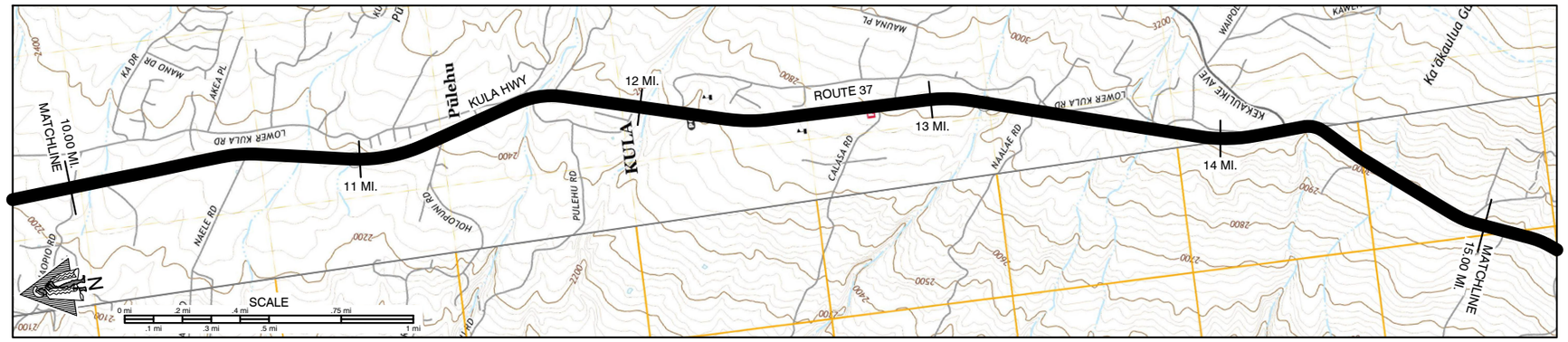


SCALE: (In Miles) 4" = 1 mile

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

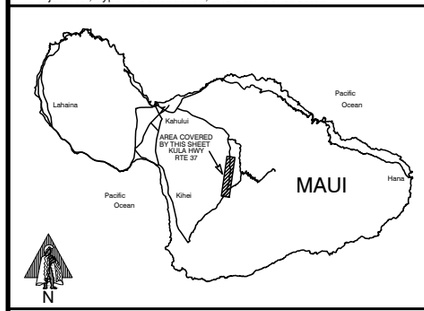
Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRESTRESSED BEAM 1964, HS-20 164'; RC DECK GIRDER 1933, H-15 75'
Vertical Clearance	
Horizontal Clearance	28'; 24'

Structure Over Road

Vertical Clearance	
Horizontal Clearance	

Right of Way Width (min.-max.) if varies	90' - 270'; 60'
Available Right of Way Width (Needs Study)	PASTURE AND RANCH LANDS; RESIDENTIAL
Right of Way Fence: Type - Right and Left (All fences: Wire on Wood (unless indicated))	
Control of Access: 1-None, 2-Partial, 3-Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE; 147+04.31
Project No., Type of Construction, and Year Constructed	37CDE-01-07M, RESURFACE, 2010
Project No., Type of Construction, and Year Constructed	37CD-01-02M, REPAIR & MAINT., 2004



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET # 2

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

CONTINUES ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway

Undivided	Shoulder: Width and Type		6' AC; 2' - 6' AC
	Pavement: Width and Type	24' AC	12' AC; 24' AC
	Shoulder: Width and Type	6' AC	0; 6' AC; 2' - 6' AC
	Median: Width and Type		12' PAINT
	Shoulder: Width and Type		0
	Pavement: Width and Type		12' AC
	Shoulder: Width and Type		6' AC

Number of Traffic Lanes	2 - 12'; 2 - 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	3' Conc. S.W. C.C. 2' C.G.; 2' Conc. Gutter
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)	
Illumination: Type, Location and Number	
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62)	A; D; A
Superelevation (Range)	
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)	B; C; D; C; B; C; D; C; B; C; D; C; B; C; B; A; 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)
Speed: 1-Design, 2-Posted	45 MPH (2); 20 MPH (2); 45 MPH (2); 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Traffic Stations (Current Year)	(B74 0037 01214); B74 0037 01214; B74 0037 01335; B74 0037 01422; (B74 0037 01850)
HPMS Sections - AADT 2022	(9,581); 9,581; 7,585; 6,487; (3,400)
HPMS Sections - AADT 2021	(9,600); 9,600; 7,600; 6,500; (3,200)
HPMS Sections - AADT 2020	(8,636); 8,900; 7,100; 6,200; (2,581)
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL (4); MAJOR COLLECTOR (5)
National Highway System (NHS)	NOT ON NHS (0)
Previous Projects: Project No., Date and Limits	STP-037-1(21) RESURFACE 1999; STP-037-1(18) WIDEN & RESURFACE 1994
	STP-037-1(19) 1996 GUARDRAIL & SHOULDER
	37C-01-88M 1988 RESURFACE; 37D-01-75 1978 WIDEN & RESURFACE
	BF-037-1(1) 1962; FAP 13A 1932

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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

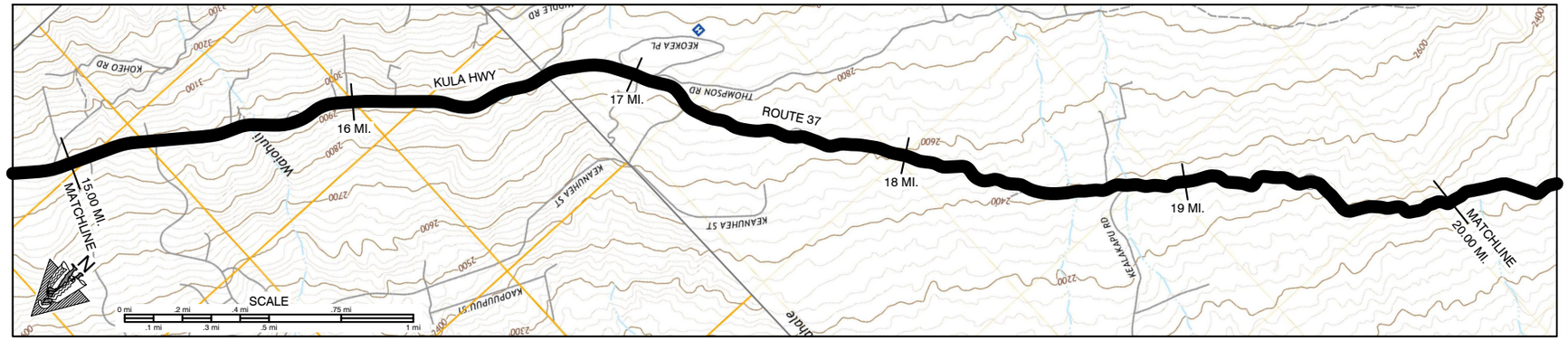
HALEAKALA HWY. & KULA HWY.

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: 0.000 miles
c. Other Length: 0.000 miles

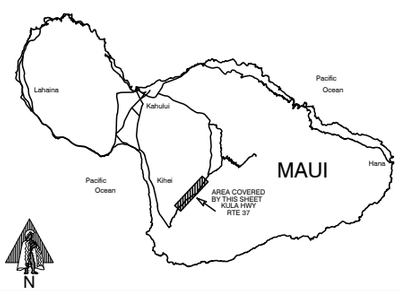


SCALE: (In Miles) 4" = 1 mile

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
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
* MPM=Milepost Marker

CONTINUED FROM SHEET #3

15.00 mi. — KULA HIGHWAY — 20.00 mi.

PUEO DRIVE CULVERT; LAU'IE DR. PLACE WAIOHULI "A" BR.; MAUIUHU PL. CULVERT; KULA MANAI PLACE MALAMAHALE PL.; WAIOHULI "B" BR.; MAUIKANANI ROAD; CULVERT; CROSS ROAD; PAVED ROAD TO PARK SPEED TABLE; SPEED TABLE; SPEED TABLE THOMPSON ROAD KEOKEA PL; KAAMANA RD; CULVERT; KAMAOLE RD.; KEALAKAPU ROAD

15 MPM; 15.5 MPM; 16 MPM; 16.5 MPM; (ROAD TO KULA SANITORIUM); 17 MPM; 17.5 MPM; 17.778 mi.; 18 MPM; 18.5 MPM; (DOCTOR SUN YAT SEN MEMORIAL PARK); 19 MPM; 19.5 MPM

15.000 mi. 15.028 mi. 15.300 mi. 15.320 mi. 15.341 mi. 15.424 mi. 15.411 mi. 15.564 mi. 15.627 mi. 15.676 mi. 15.772 mi. 15.975 mi. 16.147 mi. 16.275 mi. 16.642 mi. 16.796 mi. 16.778 mi. 16.758 mi. 16.887 mi. 17.000 mi. 16.998 mi. 17.276 mi. 17.220 mi. 18.261 mi. 18.609 mi. 18.721 mi. 18.778 mi. 18.778 mi. 19.274 mi. 19.778 mi.

CONTINUES ON SHEET # 5

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type: 2' - 6' AC; 2' AC
Pavement: Width and Type: 24' AC; .004; 22' AC; .788; 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'; .004; 2 - 11'; .788; 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 2022: 3,400; 1,996
HPMS Sections - AADT 2021: 3,200; 2,000
HPMS Sections - AADT 2020: 2,581; 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: 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. 04, G.N.	
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

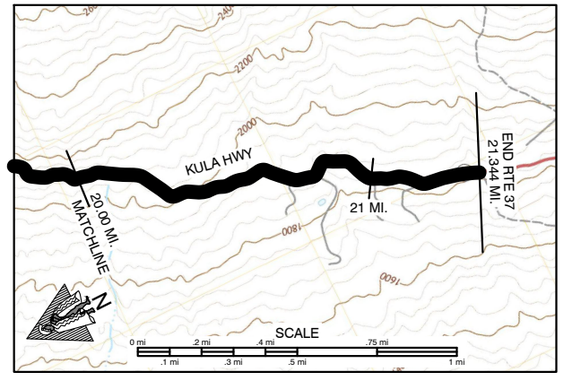
HALEAKALA HWY. & KULA HWY.

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: 0.000 miles
c. Other Length: 0.000 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: 60'

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

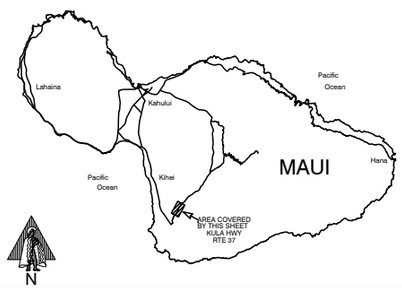
Right of Way Fence: Type - Right and Left: WIRE ON WOOD (20.00–21.30); WIRE ON WOOD (20.00–21.30)

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 (21.30–21.344)

Project No., Type of Construction, and Year Constructed: 37CDE-01-07M, RESURFACE, 2010 (20.00–21.30)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #4

20.00 mi.

KULA HIGHWAY
20 MPM (20.280 mi.)
20.5 MPM (20.781 mi.)
21 MPM (21.163 mi.)
21.2 MPM (21.286 mi.)
21.3 MPM (21.288 mi.)

DRIVEWAY

END STATE HWY SIGN

*21.344 mi.

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

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC
- Pavement: Width and Type: 20' AC
- Shoulder: Width and Type: 2' AC
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 - 10'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. RW=Rock Wall: RW (20.00–20.09)

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 (20.09–20.18) A (20.18–20.24) D (20.24–20.29) A (20.29–20.34) E (20.34–20.37) D (20.37–20.44) E (20.44–20.47) D (20.47–20.53) EB (20.53–20.56) A (20.56–20.71) EB (20.71–20.76) E (20.76–20.84) FB (20.84–20.89) E (20.89–20.99) D (20.99–21.14) ABA (21.14–21.344)

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 (20.00–20.23) D (20.23–20.76) C (20.76–21.32)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

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

Speed: 1-Design, 2-Posted: 25 MPH (1) (272) (NOT POSTED)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0037 01722

HPMS Sections - AADT 2022: 1,996

HPMS Sections - AADT 2021: 2,000 (21.344)

HPMS Sections - AADT 2020: 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: 37E-01-93M RESURFACE 1994

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.

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

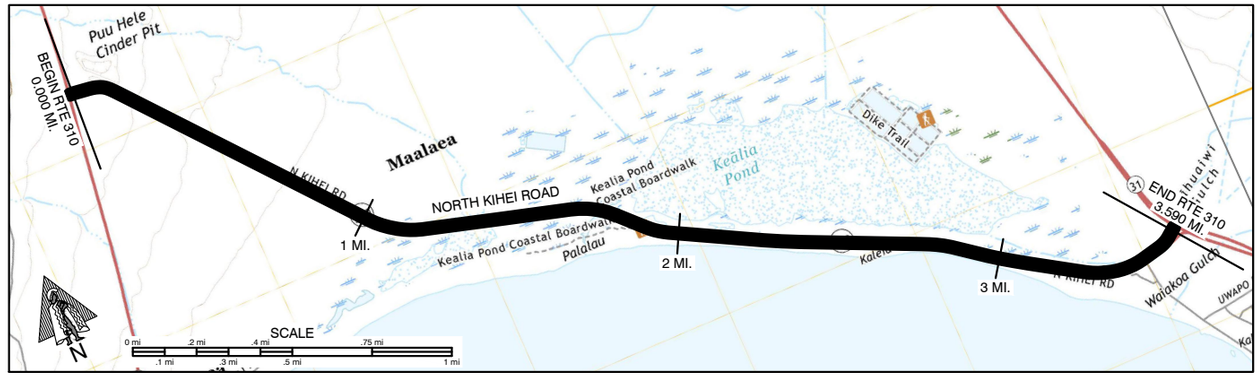
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	3.590	MILES (a+b, less c)
a. Existing Length:	3.590	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.010 | Begin 310A on North Kihei Road @ End Divided Hwy | 310A (0.78mi.) | 0.790 | 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

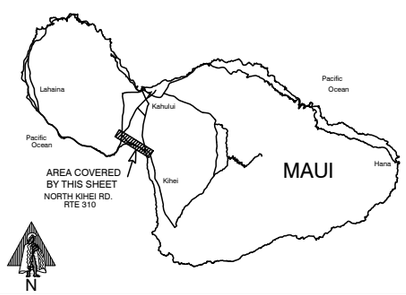
Right of Way Fence: Type - Right and Left: Wire | Wire | Wire

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 1+00 | STATE | 503+80 | 501+05 | 515+95

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-A311(4) WIDEN, 2008



Road Diagram
* MPM=Milepost Marker

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

0.00 mi. | Paved Road | End Divided Hwy Park & Ride Access On-Ramp | Cane Haul Road | Telem. Sta. 310008 | Cane Haul Road | Road to Maui Electric Co. | Culvert | Road to Lookout | Road from Lookout | Begin Divided | End Divided | Begin Divided | South Kihei Road | *3.590 mi.

North Kihei Road: 0.50 MPM, 1 MPM, 1.50 MPM, 2 MPM, 2.50 MPM, 3 MPM

0.012 mi., 0.080 mi., 0.092 mi., 0.168 mi., 0.454 mi., 0.469 mi., 0.723 mi., 0.868 mi., 1.030 mi., 1.036 mi., 1.555 mi., 1.738 mi., 1.825 mi., 1.906 mi., 2.044 mi., 2.548 mi., 2.959 mi., 3.078 mi., 3.168 mi., 3.332 mi., 3.446 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)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided:

Shoulder: Width and Type: 10' AC | 0.15 | 0.68 | 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 | .472 | 24' AC

Shoulder: Width and Type: 0 | 0.04 | 12' AC | 6' AC | 0' | 6' AC | .446 | 0'

Median: Width and Type: 0'-10' Painted AC | 0.092 | 0.68 | 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 | 0.04 | 0'

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

Shoulder: Width and Type: 10' AC | 0.092 | 0.14 | 6' AC | 6' AC | .512

Number of Traffic Lanes: (3-14') | (1-16') | 3-12' | 1-12' | (2-12') | 2 - 11' | 2-12' | 1-12' | 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 | .168 | .346 | .421 | .512 | .607 | All 12' Turning Lanes

(Right Side): 1-12' (R) TL | Two-Way (L) Turning Lanes | All 12' Turning Lanes

Frontage Road: No. of Lanes, and Width (Right and Left): 0.04 | 0.080 | .332 | .383 | .446 | .473 | .512 | .607 | 2-12' TL

Sidewalk: Width and Type (Right and Left): 6' Conc. S.W. | 1-12' TL

Curb and/or Gutter: Type (Right and Left): .521 | .607

Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.): None | .732 | .757 | .790 | .835 | .001 | .365 | .391

Illumination: Type, Location and Number: .006 | .125 | .315 | 4 M.V. | .341 | 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): F | .040 | D | .114 | A | 1.65 | B | .790 | A | .890 | B | 1.98 | A | 2.26 | B | 2.47 | A | 2.52 | D

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat (1) | .808 | .012

Speed: 1-Design, 2-Posted: 45 MPH (2) | .877 | 35 MPH (2) | .113 | 30 MPH (2)

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

Traffic Stations (Current Year): P74 0310 00085 | 1.04 | B74 0310 00104

HPMS Sections - AADT 2022: 17,200 | 16,800

HPMS Sections - AADT 2021: 16,500 | 17,300

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

DOD Sections

Census Tracts

Functional Classification: Minor Arterial (4)

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

Previous Projects: Project No., Date and Limits

0.15 — (BR-NH-030-1(24) New Alignment, 2002)
0.11 | 310A-01-00M, (R) 2001 | 3.01
(310A-01-91M (R) 1992) 0.05 | 2.95 | STP-031-1(8), (R) 1996 | 3.26 — 3.54 — (STP-0900(58), G.R. & SHLDR. IMP., 2004)
310A-01-91M (R), 1992 | 2.99 | STP-031-1(8), (R) 1996 | 3.32 — 3.54 — (TQF-RF-031-1(6), 1981 (New Construction))
HWY-M-02-76M (R) 1976
WDRC 14(1) 1948 | County | 3.590

SCALE: (In Miles) 4" = 1 mile

Date Released	
July 02,	D.B.

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

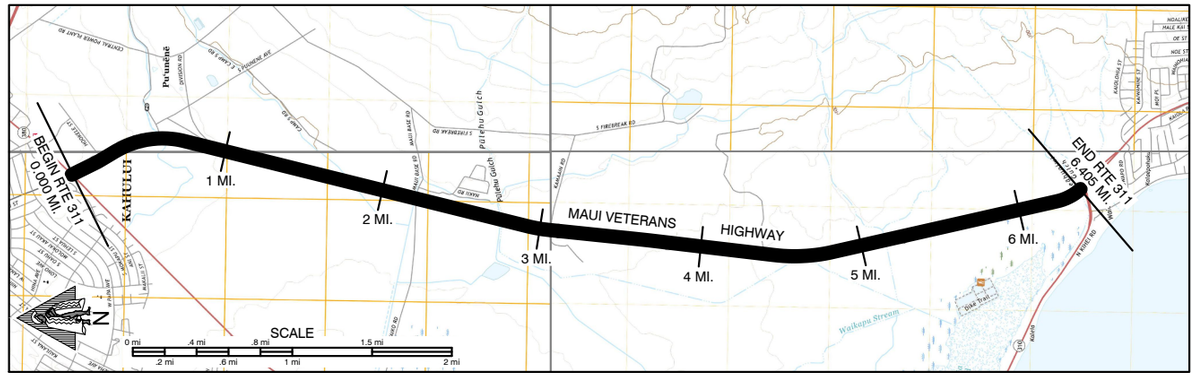
MAUI VETERANS HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

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

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

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

Structure Over 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)

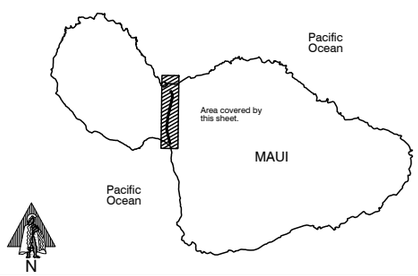
Right of Way Fence: Type - Right and Left: Chain Link; Chain Link; Chain Link

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 170+00; State; 338+43.20

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

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

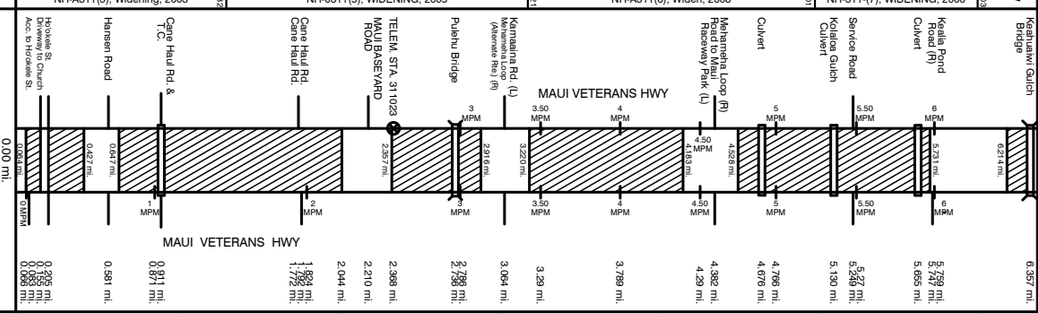


Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

Begin Rte 311 on Maui Veterans Hwy at the Southeast edge of pavement of Kuihelani Highway (Rte 380).



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

End Route 311 on Maui Veterans Hwy. at the Centerline Intersection with Piilani Hwy. (Rte 31 & 310)

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

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

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

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

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

Shoulder: Width and Type: 0; 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; Milled Shoulder Rumble Strip; 8' AC

Number of Traffic Lanes: 4-12'

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

(Right Side) (All Turning Lanes 12')

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

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

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

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

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

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Small Urban (99998)

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

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

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

Traffic Stations (Current Year): B74 0311 00020; P74 0311 00237

HPMS Sections - AADT 2022: 27,300; 34,600

HPMS Sections - AADT 2021: 28,500; 33,100

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

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-311-(7), WIDENING, 2006

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-01-93M, Resurf., 1993

County

SCALE: (In Miles) 2" = 1 mile

Date Released	
Feb. 04,	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

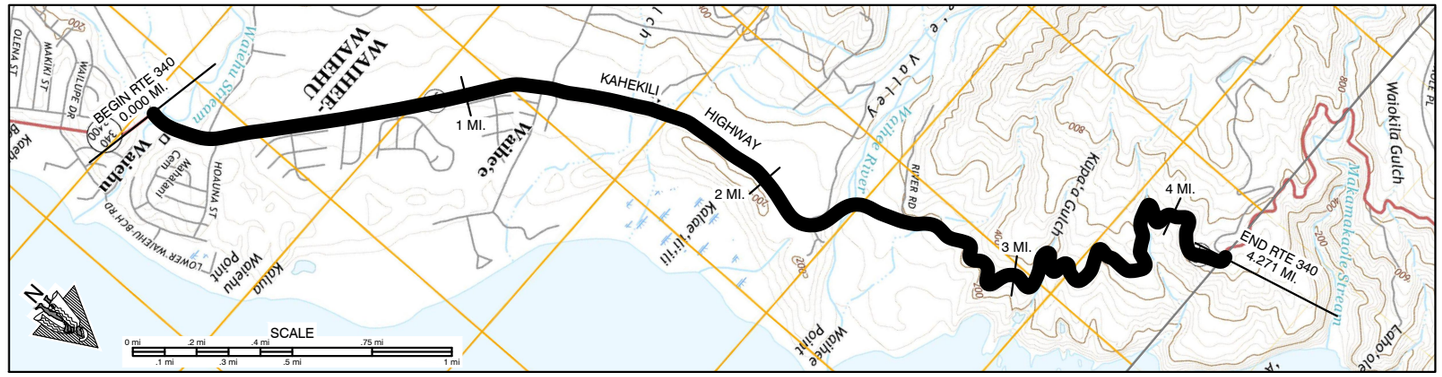
MAUI RTE 340
KAHEKILI HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- Begin 340 C on Kahekili Hwy 350' South of centerline intersection with Waiehu Beach Rd.
- 340 C (2.49 MI)
- 2.42 End 340 C 320' North of North end of Waihee Bridge #2

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CULVERT 1967 HS20 34'; CULVERT 10' (0.26); 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; 1.35; RES. AREA; 1.69; HEAVY BRUSH AND TREES / PASTURE BEYOND

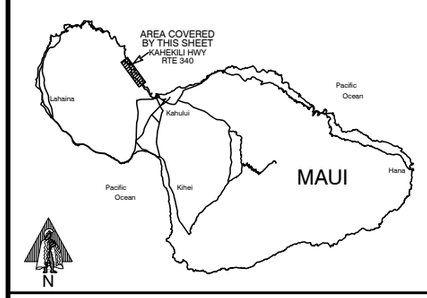
Right of Way Fence: Type - Right and Left: CHAINLINK 10' FROM PAVEMENT; 1.14; 1.22

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

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

Project No., Type of Construction, and Year Constructed: 0+00; 0.33; PERMIT MA-05-17, IMP., 2006; 0.55; PERMIT #MA-07-15, IMPRVTS., 2008; 1.26; 226+50

Project No., Type of Construction, and Year Constructed: 0.00; 340D-01-05M, RESURF., 2007; 4.28



Road Diagram
* MPM=Milepost Marker

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

0.00 mi. ROAD TO CEMETERY; WAIEHU STR. CULVERT; HOAUNA STREET; MALAIHI ROAD; BEGIN DIVIDED; SPEED TABLE; NA WAI EHA PL.; SPEED TABLE; TRANSIT STA. 340005; AKAKIU PL. (R); KOHOMUA STREET; SPEED TABLE; HOOLA HOU ST.; SPEED TABLE; CULVERT; SPEED TABLE; OMILU ST.; END DIVIDED; SPEED TABLE; WILIPOHAKU ST.; KUHINA ST.; HALEWAIO ROAD; SPEED TABLE; PAVED ROAD; CULVERT; SPEED TABLE; UNPAVED ROAD; UNPAVED ROAD; CULVERT; UNPAVED ROAD; ECB; WAIHEE VALLEY RD; WAIHEE BRIDGE #2; PAVED ROAD; PAVED ROAD; CULVERT; CULVERT; ECB; CULVERT; CULVERT; CULVERT; CULVERT; RD TO KAHULUI-WAILUKU (L); END STATE HWY SIGN (R); CULVERT; ECB 4.271 mi.

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

0.019 mi. 0.059 mi. 0.188 mi. 0.215 mi. 0.330 mi. 0.338 mi. 0.341 mi. 0.447 mi. 0.521 mi. 0.542 mi. 0.557 mi. 0.621 mi. 0.677 mi. 0.723 mi. 0.776 mi. 0.857 mi. 0.918 mi. 0.983 mi. 1.078 mi. 1.149 mi. 1.152 mi. 1.241 mi. 1.249 mi. 1.269 mi. 1.373 mi. 1.445 mi. 1.518 mi. 1.529 mi. 1.767 mi. 1.783 mi. 1.906 mi. 1.978 mi. 2.009 mi. 2.100 mi. 2.213 mi. 2.300 mi. 2.317 mi. 2.371 mi. 2.417 mi. 2.639 mi. 3.189 mi. 3.251 mi. 3.318 mi. 3.496 mi. 3.871 mi. 4.039 mi. 4.132 mi. 4.267 mi. 4.271 mi.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC; 0.026; 2'-4' GRS; 0.50; 2'-6' AC; 0.70; 2'-4' GRS; 0.89; 6" AC; 0.97; 2'-4' GRS; 1.12; 2'AC; 1.26; 0; 1.52; 2' AC; 1.99; 2' AC & 10' Grass; 2.21; 2' AC; 4.17; 2' - 4' AC
- Pavement: Width and Type: 24' AC; 12' AC; .643; 22' AC; 20' AC; 2.76; 1.99; 22' AC; 20' AC
- Shoulder: Width and Type: 6' AC; 0; (0); 6" AC; 1.17; 4' AC; 1.24; 1.28; 2' AC; 2' AC & 10' Grass; 2' AC; 2' - 4' AC
- Median: Width and Type: 0.331; 10' PAINT; 1.149
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 12' AC
- Shoulder: Width and Type: 6" AC; 0.36; 0

Number of Traffic Lanes: 2 - 12'; 1.49; 2 - 11'; .643; 2 - 10'; 2.76; 2 - 11'; 4.17; 2 - 10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side): .106; .215; .374; .447; .492; .567; .621; .649; .677; .721; .731; .776; .813; 1.12; 1.076

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

Sidewalk: Width and Type (Right and Left): .353; 4'-6' CONC. S.W.; .173; .153; 4' CONC. S.W.; .611; 2.16; 6' CONC. GUTTER

Curb and/or Gutter: Type (Right and Left): .353; 2' CONC. GUTTER/CURB; .173; AC Curb; .437; .153; Conc. Curb; .532; .611; 6' CONC. GUTTERS; .282; .406; .423; .656; AC Curb; .206

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. .070; .041; .895; .945; .896; .935; .397; .511; .527; .494; .521; .216; .410; .300; .382; .283; .388; .627; .653; .326; .391; .651; .685; .044; .083

Illumination: Type, Location and Number: 7 MV; 1.69; 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 0.10; A; C 0.15; 0.24; AB; 0.38; A; 1.13; C 1.18; A; 1.24; B; 1.34; AB; 1.48; A; 1.67; C; 1.73; A; 1.90; C; 1.99; A; 2.11; D; 2.43; BAB; 2.44; D; 2.71; E; 2.77; F; 2.89; E; 2.94; F; 3.15; E; 3.30; F; 3.45; AF; 3.52; E; 3.98; F; 4.00; EF; 4.08; E; 4.18; A; F; 4.23

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): C; 0.11; B; 0.57; A; 0.89; B; 1.54; A; 1.66; C; 1.74; B; 2.09; A; 2.16; B; 2.53; D

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: SMALL URBAN (99998); .317; RURAL (99999)

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: ROLLING (2); 0.28; FLAT (1); 1.14; ROLLING (2); 2.42; MOUNTAINOUS (3)

Speed: 1-Design, 2-Posted: 30 MPH (2); .431; .432; 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: N/A

Traffic Stations (Current Year): P74 0340 00055; B74 0340 00221

HPMS Sections - AADT 2022: 6,500; 2.21; 1,200

HPMS Sections - AADT 2021: 6,600; 1,200

HPMS Sections - AADT 2020: 6,700; 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
- 0.26; (3400B-01-97M, RESURFACE, 1998); 340D-01-93M, RESURFACE, 1994
- S-0341(3); 0.21; COUNTY; 1.99; S-0330(2); 2.42; COUNTY
- 1966; 1967

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.
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

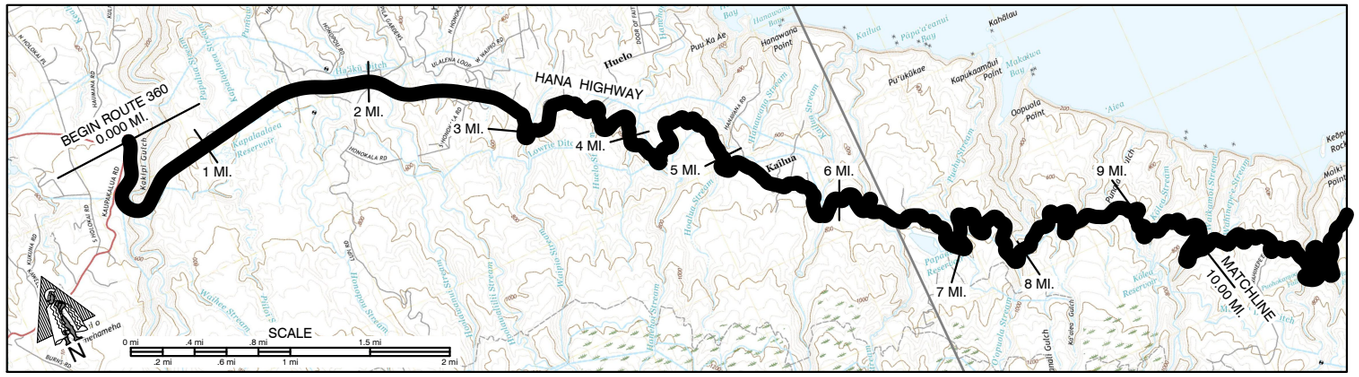
MAUI RTE 360
HANA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 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	0.45	Culvert 1966 HS 20 33'
	2.14	Steel Multistringer 1941 HS 20 210'
	5.09	Tee Beam 1929 49'
	5.86	Tee Beam 1929 - H15 40'
	6.22	Tee Beam 1930 - H15 64'
	7.94	Tee Beam 1925, H15 30'
	8.24	Slab 1928, H15 18'
	8.57	Tee Beam 1928, H10 22'
	9.88	Slab 1911, H15 41'
Vertical Clearance		
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' | 2.70 | 50'-135' | 4.82 | 50' | 5.87 | 40'

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

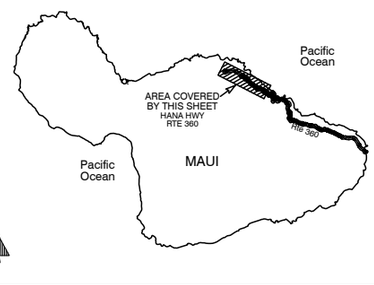
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood): Wire 2.71–2.89; W/W 3.55–3.98; W/W 4.70–4.90; W/W 5.86–6.10; W/W 6.42–6.77; W/W 6.99–7.75; W/W 8.30–8.44; W/W 8.73–8.90; W/W 9.04–9.44; W/W 9.66

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: 7+00 | 26+50 | 8.10 | 360AB-01-18, Road Improvements, 2020

Project No., Type of Construction, and Year Constructed: 0.00 | 36C-01-15M, Resurface, 2016 | 3.32 | 360A-01-10M, 2013 (Resurfacing) | 9.15



Road Diagram

* MPM=Milepost Marker

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

0.00 mi. — CONTINUED ON SHEET #2. 10.00 mi.

ECB | Culvert | Gated Driveway | Gated Driveway | Honopou Rd. | Ulalena Lp. | Hoolawa Br. ECB(R) Lup Rd. | Ulalena Loop 2.638 mi. | E. Waipio Rd. | Dgo. Of Faith Rd. (Public Telephone(L)) | Culvert | Hoalua Bridge | Puuomalie Rd. Culvert | Public Telephone(L) Driveway | Kaiua Bridge | Nailihaele Br. | PA Culvert | ECB(L) | Oopuola Br. | Makanali Br. | Kaalea Br. | Kolea Culvert | Waikamoi Br. Trail (R) | Waikamoi Br. ECB(L)

HANA HIGHWAY

0 MPM, 0.5 MPM, 1 MPM, 1.5 MPM, 2 MPM, 2.5 MPM, 3 MPM, 3.5 MPM, 4 MPM, 4.5 MPM, 5 MPM, 5.5 MPM, 6 MPM, 6.5 MPM, 7 MPM, 7.5 MPM, 8 MPM, 8.5 MPM, 9 MPM, 9.5 MPM, 10 MPM

0.000 mi., 0.461 mi., 0.695 mi., 1.017 mi., 1.439 mi., 1.675 mi., 1.899 mi., 2.138 mi., 2.175 mi., 2.217 mi., Honokala 2.632 mi., 3.002 mi., 3.382 mi., 3.599 mi., 3.517 mi., 3.947 mi., 4.253 mi., 4.445 mi., 4.931 mi., 5.064 mi., 5.444 mi., 5.538 mi., 5.617 mi., 5.665 mi., 5.669 mi., 5.832 mi., 5.851 mi., 6.201 mi., 6.440 mi., 6.900 mi., 7.032 mi., 7.364 mi., 7.700 mi., 7.813 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., 9.829 mi., 9.869 mi., 9.882 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	6'-8' AC; 2.41 2' AC; 3.31 2'-4' Grs.; 3.61 0; 4.48 2'-4' Grs.; 5.83 0-2' Grass; 6.42 2'-4' Grs.; 6.99 0-2' Grass
Pavement: Width and Type	22' AC; 8.97 18'-24' AC; 2.51 16'-22' AC
Shoulder: Width and Type	4'-6' AC; 1.98 6'-14' AC; 2.40 4'-6' AC; 2.94 2'-4' AC; 3.94 0-2' Grass
Median: Width and Type	Milled Centerline Rumble Strip; 3.32
Median Barriers:	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	

Number of Traffic Lanes: 2-11' | 8.97 | 2-(9'-12') | 2.51 | 2-(8'-11')

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

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number (Metal Rails on Metal Posts unless otherwise noted): Concrete Barrier | Masonry Wall | Masonry Wall

Illumination: Type, Location and Number

Curves 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) | 8.92 | Rural (99999)

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

Speed: 1-Design, 2-Posted: 35 MPH (2) | 25 MPH (2) | 15 MPH (2); 35 MPH (1) | 35 MPH (2) | (25 MPH (2)) | 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 00000 | 5.86 | B74 0360 01049

HPMS Sections - AADT 2022: 4,000 | 1,782

HPMS Sections - AADT 2021: 3,100 | 1,526

HPMS Sections - AADT 2020: 3,100 | 1,483

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-01-14M, SIGN REPLACEMENT, 2016 | 3.32 | 4.15 | 360A-01-94M, 1995 (Resurfacing & Improvements) | (360A-02-05M, (R), 2007) | 9.43
ARR-0360(10), PREV. MAINT., 2010 | 3.32
3.31 | 360A-01-80, 1981 | 4.23 | 360A-01-82, 1983 (Imprv.) & 360A-01-83M, 1983 (Resurfacing)
STP-0900(39), (R) 1996 | 3.31 | 4.15 | 360A-01-94M, 1995 (Resurfacing & Improvements)
0.42 | 360A-01-86M, (R) 1986 | 2.42 | 2.67 | 2.79 | 360A-01-80, (Imprv) 1981 | 4.47 | 9.87 | 9.92
S-0360 (4), 1963 | S-0360(3), 1963 | F-32 (2), 1946,1957 | (Job #5839, 1956) | 2.97 | C-360-01-63, 1967 | 4.41 | County | 4.85 | A-360-01-62,1962 | (360AB-01-00M, 2002, Repairs & Maintenance)
(30+12.4) (31+64.31) 76 (31+00.) (31+00.) (0+00.) (30+72.45)

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 03	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

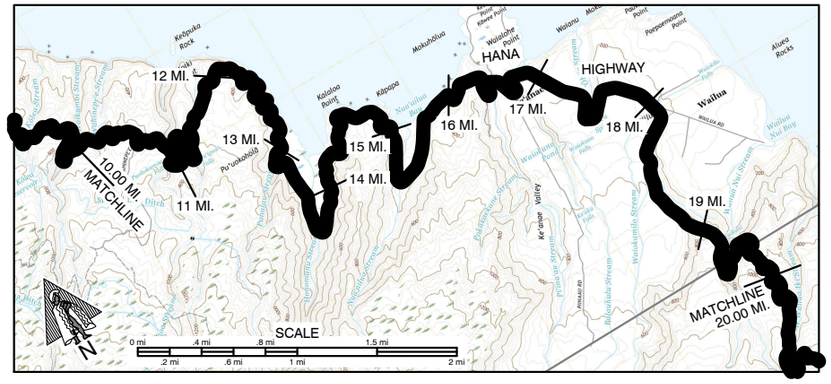
MAUI RTE 360
HANA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

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

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

Milepost	Length	Type	Year
10.97	56'	Tee Beam	1912, H15
11.46	34'	Tee Beam	1912, H15
13.16	34'	Tee Beam	1911, H15
13.71	48'	Tee Beam	1911, H15
16.39	35'	Tee Beam	1911, H15
16.60	28'	Tee Beam	1916, H15
16.77	31'	Tee Beam	1916, H15
18.07	24'	Tee Beam	1921, H15
18.93	100'	Cantilevered Conc. Deck	2006, HL-93
19.39	108'	Conc. Masonry Arch	1926, H15

Vertical Clearance:

Milepost	Clearance
10.97	15'
11.46	12'
13.16	12'
13.71	12'
16.39	21'
16.60	19'
16.77	20'
18.07	22'
18.93	22'
19.39	17'

Horizontal Clearance: (40'-115')

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; Heavy Brush & Trees; Res. Area; Heavy Brush, Trees & Steep Cliffs

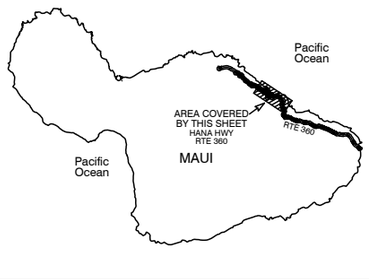
Right of Way Fence: Type - Right and Left: Wire; (ROCKFALL PROTECTION)

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: 360AB-01-18, Improvements, 2020; (360B-01-12M (R) 2016)

Project No., Type of Construction, and Year Constructed: (360AB-01-09, Improvements (M.P.s 11.2, 14.7 to 14.9, 16.3), 2016); (ER-20(006), Emergency Repairs, 2022)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #1.

HANA HIGHWAY

Culvert; "Garden of Eden" Arboretum; Puohakamoa Br.; Haipuaena Br.; Culvert; Kaumahina Wayside Park Rd.; Culvert; Culvert; ECB(L); Kolea Br.; Honomanu Br.; Campground Rd.; Culvert; Culvert; Culvert; Culvert; Nuaailua Br.; Culvert; Culvert; ECB(R); Culvert; Keanae Arboretum (R); Pinaau Br.; Keanae Rd.; Keanae Br.; Culvert; Culvert; Culvert; Palauhulu Br.; Culvert; Culvert; Culvert; "Half Way to Hana" Fruit Stand (Wainiau); Culvert; (4)Conc. Bridges; Culvert; Keanae School; Culvert; ECB(R); Culvert; Waiokamilo Br.; Culvert; Wailua Rd. Spur; Culvert; Culvert; Culvert; Culvert; Culvert; Rd. to Keanae Valley Lookout (State Wayside); Wailua Valley Lookout (L); Waikani Br.

MPM: 10.00 mi., 12, 13, 14, 14.50, 15, 15.50, 16, 16.50, 17, 17.50, 18, 19, 20 MPM; 20.00 mi.

CONTINUED ON SHEET #3.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 0-2' Grass; 2' AC; Grs.; 0; 2'-4' Grs.; 0-2' Grass

Pavement: Width and Type: 16'-22' AC

Shoulder: Width and Type: 0-2' Grass; 2' AC; 0-2' Grass; 15' Grv.; 0-2' Grass; 2'-4' Grs.; 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')

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left): Masonry Wall; (3' Conc. Gutter); Masonry Wall; (1' Conc. Gutter)

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

Protective Devices: Type, Location and Number (Metal Rails on Metal Posts Unless Otherwise Noted.): Concrete Barrier; Masonry Wall; Masonry Wall; Gabion Retaining Wall; (Conc. Barrier); Masonry Wall; Masonry Wall

Illumination: Type, Location and Number

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (99999)

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

Speed: 1-Design, 2-Posted: 15 MPH (2); 15 MPH (2); 30 MPH (2); 30 MPH (2); 35 MPH (2); 15 MPH (2); 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0360 01049

HPMS Sections - AADT 2022: 1,782

HPMS Sections - AADT 2021: 1,526

HPMS Sections - AADT 2020: 1,483

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-02-05M, RESURF., 2007; 360A-01-11M (R) 2016; (360AB-02-03M Roadway Deck, 2006); (360B-01-95M (R) 1997); (360B-01-93M (R) 1994); (360AB-01-88 (Resurf & Improv.) 1990); (360AB-01-00M (Repairs & Maintenance) 2002); 360AB-01-98M (R) 1999; 360AB-01-98M (R) 1999; 360A-01-94M, 1995 Resurfacing & Improvements; (360AB-02-98, 2005, ROCKFALL MITIGATION); 360A-01-82, 1983 (Improv.) & 360A-01-83M, 1983 (Resurface); (360A-04-95, (Realignment) 1999); (360A-01-97 (Improv.) 1999); 360AB-01-88 (Resurface & Improv.) 1990; 360B-01-93M, 1994 (R); (360B-01-85, 1986); County

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 03,	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

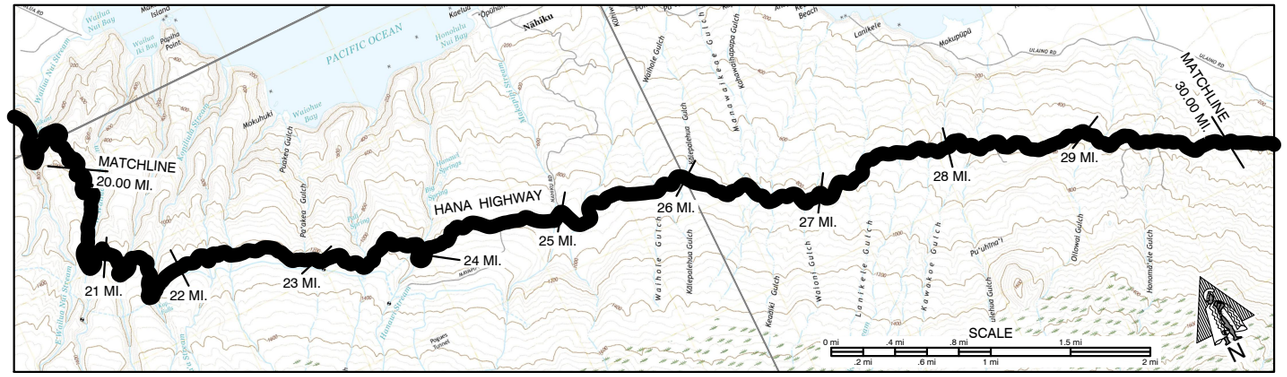
MAUI RTE 360
HANA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 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
20.83	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
22.96	20'	Tee Beam	H15	1920
23.33	49'	Tee Beam	H15	1926
23.86	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'	Conc. Masonry Arch	H15	1926
25.95	24'	Tee Beam		1926
26.48	24'	Tee Beam	H15	1926
26.60	60'	Tee Beam	H15	1922
26.77	22'	Tee Beam	H15	1921
26.94	29'	Tee Beam	H15	1920
27.01	24'	Tee Beam	H15	1920
27.76	51'	Tee Beam -	H15	1917
27.98	28'	Tee Beam -	H15	1917
28.31	39'	Slab	H15	1914
28.48	48'	Slab	H15	1906
29.16	22'	Tee Beam	H15	1914
29.54	38'	Tee Beam	H15	1924

Structure Carrying Road — Vertical Clearance: 20.83, 21.30, 21.81, 22.31, 22.47, 22.96, 23.33, 23.86, 24.16, 24.68, 25.20, 25.42, 25.95, 26.48, 26.60, 26.77, 26.94, 27.01, 27.76, 27.98, 28.31, 28.48, 29.16, 29.54

Structure Carrying Road — Horizontal Clearance: 20', 18', 14', 22', 13', 12', 16', 20', 16', 16', 16', 16', 16', 16', 16', 16', 16', 16', 16', 13', 16', 16'

Structure Over Road — Vertical Clearance

Structure Over Road — 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.

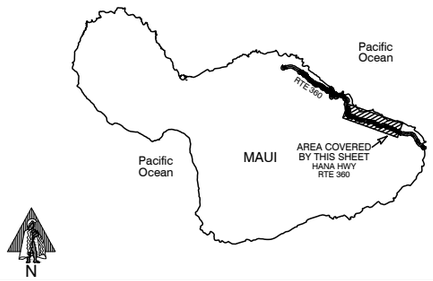
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood): W/W; W/W; W/W; W/W; Wire on Wood; W/W; W/W

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) 1089+50; State; 1226+00; 1385+00

Project No., Type of Construction, and Year Constructed: 360AB-01-18, Improvements, 2020; 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
* MPM=Milepost Marker

CONTINUED FROM SHEET #2.

HANA HIGHWAY — 20.00 mi. to 30.00 mi.

Culvert; ECB(L) Culvert; Culvert; W. Waiuaiki Br.; Culvert; Culvert; Culvert; E. Waiuaiki Br.; Culvert; Kopiliula Br.; Culvert; Culvert; Waichue Br.; Culvert; Culvert; Rest Area (L); Puaa Park (R); Paakea Park (R); Culvert; Culvert; Unnamed Br. #3; Culvert; Unnamed Br. #2; Culvert; Unnamed Br. #1; Culvert; Culvert; Kapaula Br.; Culvert; Hanawi Br.; Bridge; E. Hanawi Br.; ECB(L); Lower Nahiku Rd. Makapipi Br.; Kuiwa Br.; Kupukoi Br.; Kahalaowaka Br.; ECB(L); Puapae Br.; Kahawaihapapa Br.; Keaaiki Br.; Waiohue Br.; Waiohue Br.; Culvert; Culvert; Lanikele Br.; Ulaino Br.; Helekakocha Br.; Mokulehua Br.; ECB (R); Olowai Br.; Honomaele Br.; Bridge

MPM: 20.50, 21, 21.50, 22, 22.50, 23, 23.50, 24, 24.50, 25, 25.50, 26, 26.50, 27, 27.50, 28, 28.50, 29, 29.50, 30

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): (2' Conc. Gutters); (Masonry Wall); (2' Conc. Gutter); (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): (Masonry Wall)

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 2022: 1,782

HPMS Sections - AADT 2021: 1,526

HPMS Sections - AADT 2020: 1,483

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits: 23.38; 360B-01-93 (R) 1994; 29.04; 22.52; 360AB-01-88 (Resurf. & Improv.) 1990; 24.03; 360B-01-85 1986; 23.58; County to State; 28.32; 29.04; 360B-01-80 (Imprv.) 1981; County

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 03	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

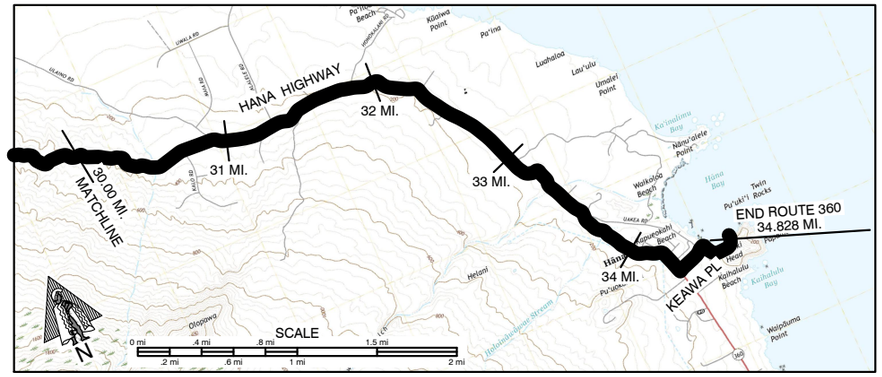
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 34.828 miles

a. Survey Length: 34.828 miles

b. Proposed Length: 0.000 miles

c. Other Length: 0.000 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

Structure Carrying Road — Vertical Clearance: 73'

Structure Carrying Road — Horizontal Clearance: 26'

Structure Over Road — Vertical Clearance

Structure Over Road — 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

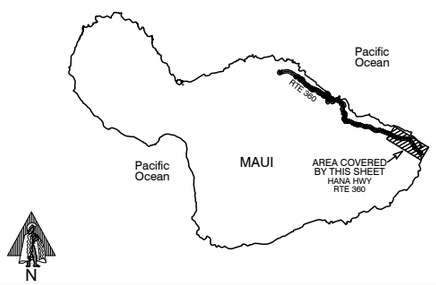
Right of Way Fence: Type - Right and Left (W/W=Wire on Wood): Wire; Wire; W/W; Wood; W/W; Various; W/W; W/W; Chain Link; Wire on Wood; Chain Link

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

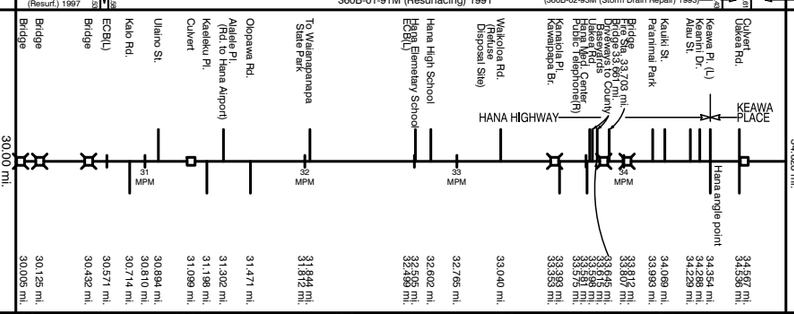
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State (1385+00; 1599+62)

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)

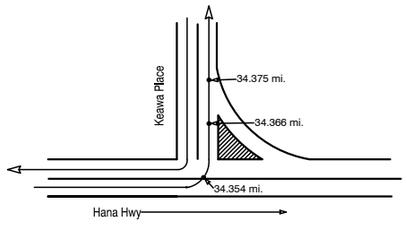


Road Diagram
* MPM=Milepost Marker



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

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



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); (4' AC Sidewalk); (3' Conc. Gutter); (3' AC Sidewalk); 4' AC Sidewalk; (C.C.&G.); (Conc. Curb); (Wood Rail on Conc. Post)

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

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 2021: 1,782

HPMS Sections - AADT 2020: 1,526

HPMS Sections - AADT 2019: 1,483

DOD Sections

Census Tracts

Functional Classification: Major Collector (5)

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

Previous Projects: Project No., Date and Limits

(ER-12(5) (Roadway Repairs) 2002); (360B-02-93M (Storm Drain Repair) 1993); 360B-01-91M (R) 1991; 360B-01-88 (Walkway) 1988; 360B-01-80 (Improv.) 1981; 360B-01-75 (R) 1975; County; (FAP 58(1), 1947); 360B-01-83M (Resurface) 1983

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 03	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

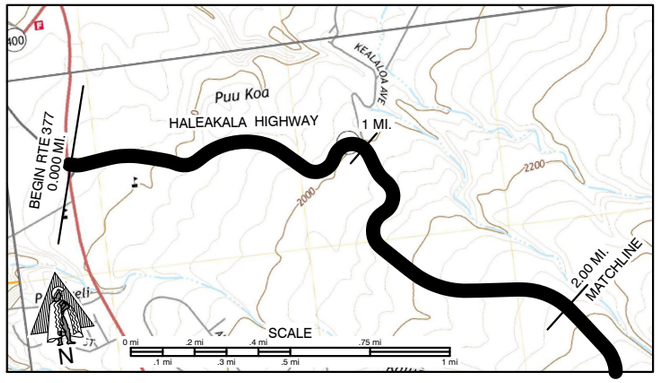
KEKAULIKE AVE. & HALEAKALA HWY.

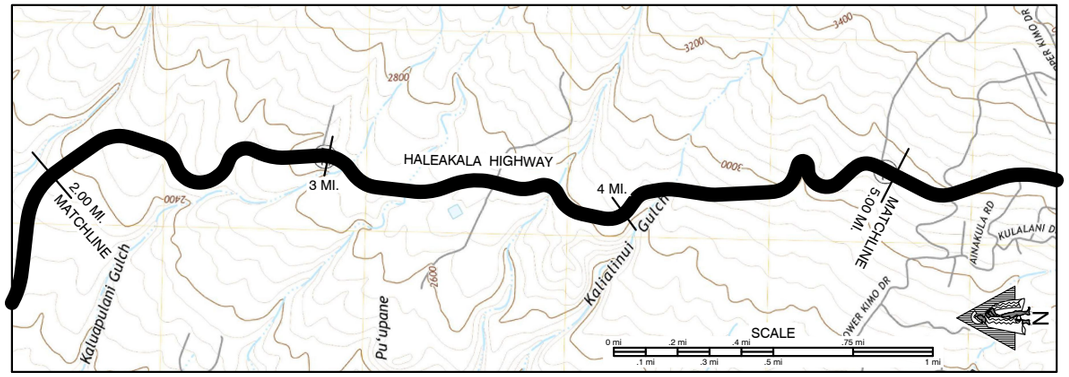
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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: 0.000 miles
c. Other Length: 0.000 miles





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.03 Begin 377A on Haleakala Hwy. 150' East of the centerline intersection with Kula Hwy and Haleakala Hwy. — 377A (9.13 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1934 H15 150'
- 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

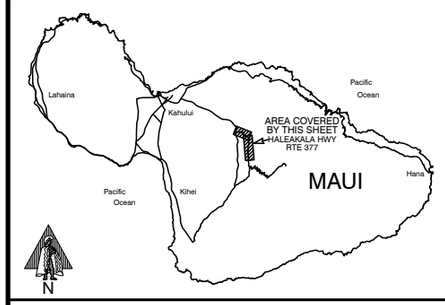
Right of Way Fence: Type - Right and Left: ALL WIRE ON WOOD FENCE — 20' - 40' FROM PAVEMENT; 10' - 30' FROM PAVEMENT

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

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

Project No., Type of Construction, and Year Constructed: (37C-01-14, INTERSECTION IMPROVEMENTS, 2018) — 0.06 9+00

Project No., Type of Construction, and Year Constructed: 377A-02-81M 1981 RESURFACE — 0.00 6+00; STP-0377(005), 2012, PREVENTIVE MAINTENANCE



Road Diagram
* MPM=Milepost Marker

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

0.00 mi. BEGIN DIVIDED; 0.000 mi. SPUR & END DIV.; 0.187 mi. BEGIN DIVIDED; 0.383 mi. TRACTOR CROSSING; 0.606 mi. KING KEKAULIKI HIGH SCHOOL; 0.659 mi. END DIVIDED; 0.869 mi. CULVERT; 0.946 mi. CULVERT; 1.000 mi. ECB (L) KEALOA AVE & 2000' ELEV. SIGN (R); 1.421 mi.; 1.943 mi.; 2.407 mi. CULVERT; 2.558 mi. 2500' ELEV. SIGN; 2.727 mi. CULVERT; 2.910 mi.; 3.049 mi. CULVERT; 3.155 mi. ECB; 3.581 mi.; 3.710 mi. WAIALE BRIDGE; 4.549 mi.; 4.630 mi. CULVERT; 4.964 mi. CULVERT; 5.00 mi. CONTINUES ON SHEET # 2

HALEAKALA HIGHWAY — 0 MPM, 1 MPM, 1.5 MPM, 2 MPM, 2.5 MPM, 3 MPM, 3.5 MPM, 4.5 MPM, 5 MPM

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC
- Pavement: Width and Type: (11' AC) 22' AC; 11' AC; 22' AC
- Shoulder: Width and Type: (0) 4' AC; 0; 4' AC
- Median: Width and Type: (0-11' PAINTED AC) 0.027; 0.187; 0-11' 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): 0.017 274 295 11' T. L.
(Right Side): .198 11' T. L.

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

Sidewalk: Width and Type (Right and Left): 6' CONC. S.W. .06 — NONE

Curb and/or Gutter: Type (Right and Left): CONC. C&G .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)

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): B74 0377 00000

HPMS Sections - AADT 2022: 4,300

HPMS Sections - AADT 2021: 5,000

HPMS Sections - AADT 2020: 2,677

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 0.08 STP-0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT; STP-0377(4), 1994 RESURFACE
- 377A-02-81M 1981 RESURFACE; FAP 5B 1933 0.60; 1.07; 1.65 377A-01-83M 1983 RESURFACE; JOB #5569 1952 RESURFACE; FAP-5B 1929, 1933; 4.03 377A-01-85M 1985 RESURFACE

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 04, G.N.

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

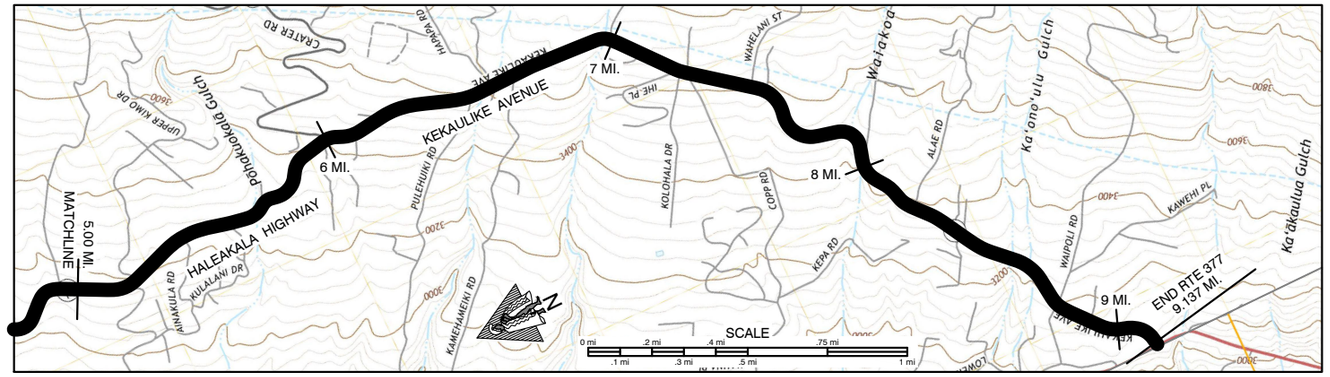
KEKAULIKE AVE. & HALEAKALA HWY.

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: 0.000 miles
c. Other Length: 0.000 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

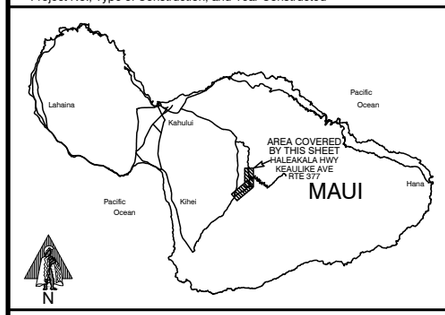
Right of Way Fence: Type - Right and Left — ALL WIRE ON WOOD FENCE 10'-20' FROM PVMT UNLESS NOTED (20'-40' FROM PVMT; 10'-30' FROM PVMT)

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (1+10)

Project No., Type of Construction, and Year Constructed: STP-0377(005), 2012, PREVENTIVE MAINTENANCE; STP-0377(006) 2022 RESURFACE

Project No., Type of Construction, and Year Constructed: STP-0377(3) 1995 GUARDRAILS & SHLDR IMPR.; 377B-01-96M 1998 RESURFACE



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET # 1

5.00 mi.

HALEAKALA HIGHWAY — KEKAULIKE AVENUE — COPP ROAD — 9.137 mi.

UPPER KIMO DR. LOWER KIMO DR. SPEED TABLE; SPEED TABLE CULVERT; ANAKULA ROAD; KULALANI DRIVE SPEED TABLE; POHAKUOKALA BR.; KUALONO PLACE; CULVERT SPLIT HALEAKALA CRATER ROAD (RTE 378) CULVERT; PUANANI PLACE; PULEHUIKI ROAD; KAMEHAMEHA ROAD JOHNSON ROAD HAPAPA ROAD; BULLHU BRIDGE PAVED ROAD; ECB 6 MPM; ISOLA PLACE; HOMESTEAD AVE KOLOHALA AVE THE PLACE; SPEED TABLE, WAHELAWI ROAD TELEM STA. 377073 SPEED TABLE; 7 MPM; CULVERT CULVERT; WAIAKOA ROAD; 8 MPM; 'ALAE ROAD; LOLE PL. FOSTER PL.; KAONOLU BRIDGE NAALAE GULCH BR.; WAIPOLI ROAD; 9 MPM; 9.17 MPM

* 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)

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): B74 0377 00000; P74 0377 00737

HPMS Sections - AADT 2022: 4,300; 960

HPMS Sections - AADT 2021: 5,000; 1,000

HPMS Sections - AADT 2020: 2,677; 1,000

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

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

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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

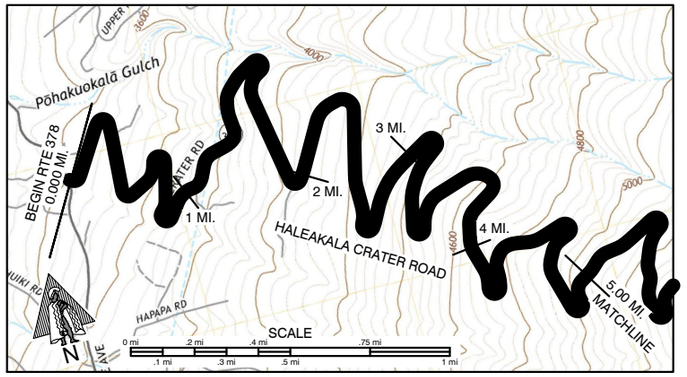
MAUI RTE 378
HALEAKALA CRATER ROAD

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

0.02 Begin 378A on Haleakala Crater Road 100' East of the centerline intersection with Haleakala Hwy (East Spur) — 378A (10.13 MI)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'

Available Right of Way Width (Needs Study): TREES AND BUSHES W/ SLIGHT CUT SLOPES; 2.95 OPEN PASTURE 1000' ACROSS

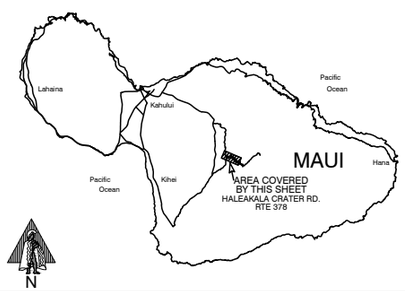
Right of Way Fence: Type - Right and Left (W. F. = WIRE FENCE): W. F. 0.17; 0.41 W. F.; W. F. 0.75; 0.88 W. F.; W. F. 1.14; 1.32 W. F.; 1.49–1.54 WOOD FENCE; W. F. 1.50; W. F. 1.81; W. F. 1.88; W. F. 2.01; W. F. 2.13

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 338+21.46; 448+00: STATE

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

Project No., Type of Construction, and Year Constructed (378A-01-02M 1993, RESURFACE): 0.02; 337+41.87; 378A-01-04M, RESURFACE, 2006



Road Diagram
* MPM=Milepost Marker

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; 0.095 mi. 3500' ELEV. Sign; 0.324 mi. PONI MOI PLACE; 0.310 mi. CULVERT; 0.079 mi. CULVERT; 1.059 mi. 4000' ELEV. Sign; 1.237 mi. CULVERT; 1.202 mi. CULVERT; 1.603 mi. CULVERT; 1.785 mi. CULVERT; 2.045 mi. CULVERT; 2.110 mi. CULVERT; 2.433 mi. CATTLE GUARD; 2.524 mi. CULVERT; 2.801 mi. CULVERT; 2.863 mi. CULVERT; 2.929 mi. CULVERT; 2.967 mi. CULVERT; 4.030 mi. CULVERT; 4.229 mi. CULVERT; 4.419 mi. CULVERT; 4.943 mi. CULVERT

HALEAKALA CRATER ROAD

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

5.00 mi. CONTINUES ON SHEET #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2'-4' AC; 2.12 4' - 6' GRASS; 2.96; 3.05 4' - 6' GRASS; 3.72 2' AC
- Pavement: Width and Type: 22' AC; 2.801; (12' AC SHLR. & BIKE PULL OUT); 24' AC; (12' AC SHLR. & BIKE PULL OUT)
- Shoulder: Width and Type: 2'-4' AC; 2.12 4' - 6' GRASS; 3.72 2' AC; 4.05; 4.15 2' AC
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 - 11'; 2.801; 2 - 12'

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

(Right Side): NONE

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

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

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

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

Illumination: Type, Location and Number: NONE

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

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B74 0378 00009

HPMS Sections - AADT 2022: 1,900

HPMS Sections - AADT 2021: 1,700

HPMS Sections - AADT 2020: 1,300

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR (5)

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

Previous Projects: Project No., Date and Limits
- 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. 04, G.N.	
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

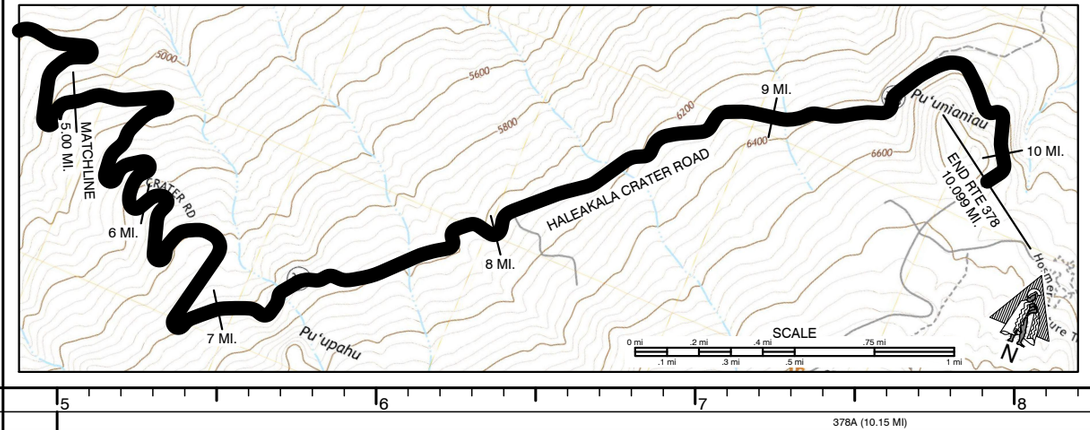
MAUI RTE 378
HALEAKALA CRATER ROAD

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: 0.000 miles
c. Other Length: 0.000 miles



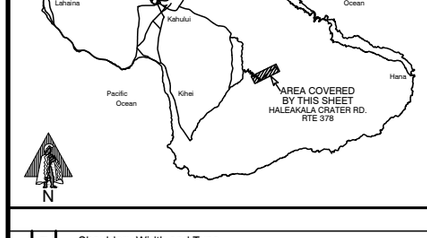
SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED BEAM 1934 (1970) H15 — 97' — 56'
- 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 (877+00)
Project No., Type of Construction, and Year Constructed: 378A-01-04M, RESURFACE, 2006 — (378A-01-92M, 1993, RESURFACE)
Project No., Type of Construction, and Year Constructed: 378A-01-00MR 2003 MAINTENANCE & REPAIRS



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET # 1 — 5.00 mi.

CULVERT, CULVERT, CULVERT, CULVERT, CULVERT, CULVERT, CULVERT, LOOKOUT CULVERT, CULVERT, POHAKUOKALA BRIDGE, CATTLE GUARD CULVERT, WAIALE BRIDGE, CULVERT, CATTLE GUARD, 6500' ELEVATION SIGN, CULVERT, CULVERT, CATTLE GUARD

HALEAKALA CRATER ROAD

6 MPM, 7 MPM, 8 MPM, 9 MPM, 10 MPM, 10.19 MPM — @ CENTERLINE CATTLEGUARD

5.046 mi., 5.126 mi., 5.191 mi., 5.324 mi., 5.916 mi., 6.199 mi., 6.625 mi., 6.868 mi., 6.920 mi., 7.282 mi., 7.292 mi., 7.434 mi., 7.654 mi., 7.884 mi., 8.196 mi., 8.236 mi., 8.447 mi., 8.876 mi., 9.193 mi., 9.286 mi., 9.406 mi., 9.815 mi., 9.882 mi., 9.981 mi., 10.054 mi., 10.099 mi.

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.

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC — 2' AC
- Pavement: Width and Type: 24' AC (12' AC SHLDR & BIKE PULL OUT) — 22' AC
- Shoulder: Width and Type: 2' AC
- Median: Width and Type
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 - 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 2022: 1,900
HPMS Sections - AADT 2021: 1,700
HPMS Sections - AADT 2020: 1,300
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits: 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. 04,	G.N.

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

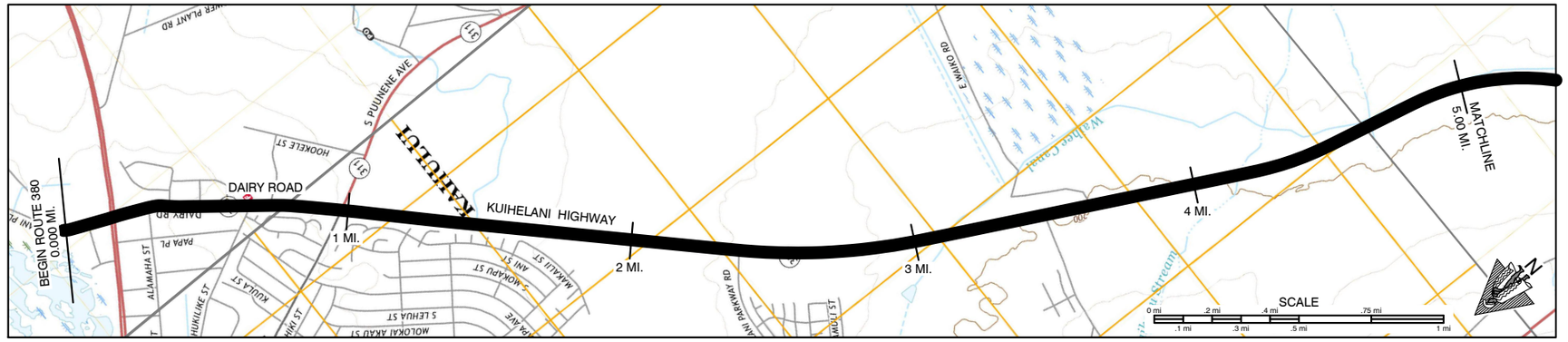
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	6.171	MILES (a+b, less c)
a. Existing Length:	6.171	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	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 — 0.96 BEG. 380A SAME AS BEG. EXISTING RTE. — 380 A (6.17 mi.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 24', Slab, HS-20, 1970; 25', Precast Conc Plank, HL-93, 2003; 61', Tee Beam, HS-20, 1970; 60', Precast Prestressed Conc Beam, HL-93, 2003; 77', Culvert, HS-20, 1970; 78', 3 Span Culvert, HL-93, 2003
- Vertical Clearance: 3.12
- Horizontal Clearance: 44' / 36'; 44' / 36'; 44' / 36'
- Structure Over Road: Vertical Clearance: 3.11; 4.12; 3.37
- Structure Over Road: Horizontal Clearance

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

Available Right of Way Width (Needs Study): COMMERCIAL (0.95) — RANCHLAND / SUGAR CANE (2.99) — FARMS - BUSHES - TREES (3.45) — CLEAR 1000' - SUGAR CANE 30' FROM PAVEMENT

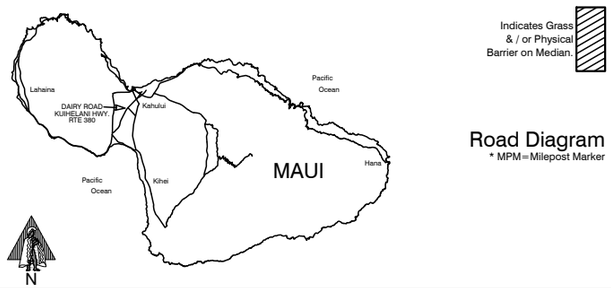
Right of Way Fence: Type - Right and Left: WOOD/CONC. (3.15) — METAL ON WOOD (4.40)

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

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

Project No., Type of Construction, and Year Constructed: HWY-M-02-16M, PREVENTIVE MAINTENANCE, 2017 (329+00 to 293+30.51); NH-0380(013), RESURFACE, 2016 (276+80)

Project No., Type of Construction, and Year Constructed: 380A-01-89M (R) 1990 (0.78); (NH-0380(9), (Widening) 2003) (0.96 to 0.98); NH-0900(080), PREVENTIVE MAINTENANCE, 2014 (276+80)



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. — Kele St. — Hana Hwy (Rte 36) — Alamaha St. — Okekani St. (Mall Ent.-Exit) — Maui Marketplace Dr. — Mall Entrance/Exit — Begin Div. & Roadway St. Entrance/Exit (R) — Pakauila St. (L) — Puunene Ave. — Parking Exit & Entr. — Parking Exit & Entr. — Cane Haul Rd. — Telem. Sta. 380015 — Cane Haul Rd. — Private Access — Median Crossover — Median Crossover Paved Road — Waihee Ditch Br. — Waiko Road — Tractor Crossing & Cane Haul Rd. — Waikapu Stream Br. — Kuihelani 3 Span Culvert — Cane Haul Rds. — Cane Haul Rd. — 5.00 mi.

DAIRY ROAD — KUIHELANI HIGHWAY

MPM: 1 (0.084 mi.), 1.67 mi. (2), 2.50 (2.21 mi.), 2.751 mi. (3), 3.50, 3.682 mi. (4), 4.121 mi. (4.50), 5 (4.882 mi.)

Maui Lani Parkway (2.377 mi.)

Route Continued on Sheet #2

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 0 (0.16); 4'-6' AC; 10' AC; Milled Edgeline Rumble Strip (0.97); 10'-25' AC (3.12); 10' AC
- Pavement: Width and Type: 40' AC; 50' AC; 40' AC; 50' AC; 40' AC; 50' AC; 22' AC; 24' AC
- Shoulder: Width and Type: 0 (0.16); 4'-6' AC; 0; 8' AC; 10' AC; 0; 4' AC; 10' AC
- Median: Width and Type: 10' Painted AC; 8' Painted AC; 8' 1.14 Painted AC; 18' Grass; 14' Painted AC; 10' Grass; 18' Grass
- Shoulder: Width and Type: 0; 4' AC; 0; 4' AC
- Pavement: Width and Type: 22' AC; 24' AC; 24' AC
- Shoulder: Width and Type: 4'-6' AC; 8' AC; 10' AC; 10' AC

Number of Traffic Lanes: 4 - 10'; 4 - 11'; (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; 1-12' 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.; 4' Conc. S.W.

Curb and/or Gutter: Type (Right and Left): C.C.&F.C.G.; C.C.&F.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; 8 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) 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

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; 30 MPH (2); 45 MPH (2); 45 MPH (2) (45 MPH (2)); 55 MPH (2); 45 MPH (2); 55 MPH (2)

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

Traffic Stations (Current Year): B74 0380 00074; P74 0380 00152; B74 0380 00347

HPMS Sections - AADT 2022: 29,681; 28,000; 16,300

HPMS Sections - AADT 2021: 28,668; 26,500; 13,600

HPMS Sections - AADT 2020: 28,489; 25,600; 13,400

DOD Sections

Census Tracts

Functional Classification: Major Collector (5); Principal Arterial (3)

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

Previous Projects: Project No., Date and Limits

NH-0380(11), PREV. MAINT., 2009
NH-0380(9), (Widening) 2003
380A-01-89M (R) 1990
380A-01- 99M (R), 2000
380A-01-89M (R), 1990
(FAP SC 1931) 3800A-01-81M 1981 (Resurf.)
S-0380(6) 1971
DANG 8(1), 1945 County
S-038 (6), 1969

SCALE: (In Miles) 4" = 1 mile

Date Released	
July 02	D.B.
Revised	
Apr 03	JK
Aug 04	D.B.
Sept. 04	D.B.
Nov., 06	D.B.
Mar., 09	D.B.
Dec. 09	D.B.
Aug. 10	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY

MAUI RTE 380
KUIHELANI HIGHWAY

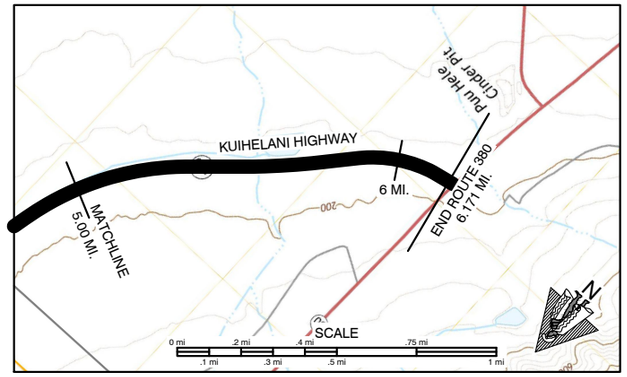
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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:	0.000	MILES
Total Travel Way Length:	6.171	MILES (a+b, less c)
a. Existing Length:	6.171	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

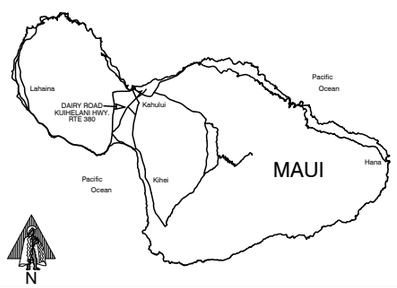


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

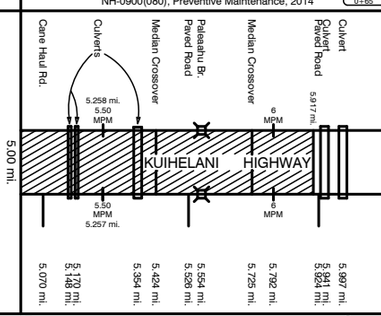
380 A (6.17 mi.) — END 380-A ON KUIHELANI HWY. 50' EAST OF THE EAST E.P. ON HONOAPILANI HWY. (6.17)

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	37' SLAB 1970 HS-20; 47' PRECAST, PRESTRESSED CONC. BEAM, HL-93, 2003
	Vertical Clearance	
	Horizontal Clearance	5.58: 44'; 36'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.-max.) if varies		150' - 210'
Available Right of Way Width (Needs Study)		CLEAR 1000' - SUGAR CANE 30' FROM PAVEMENT
Right of Way Fence: Type - Right and Left		
Control of Access: 1-None, 2-Partial, 3-Full		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE (6+00)
Project No., Type of Construction, and Year Constructed		NH-0380(013), Resurface, 2016 (0.00)
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
* MPM=Milepost Marker



* 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).

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	10' AC; Milled Edgeline Rumble Strip (6.12)
	Pavement: Width and Type	24' AC; 12' AC (6.12) BA (26' AC)
	Shoulder: Width and Type	10' AC; 0
	Median: Width and Type	18' Grass; 10'-16' AC (5.917, 6.03); 10' Painted AC
	Shoulder: Width and Type	4' AC; 0 (6.03, 6.12)
	Pavement: Width and Type	24' AC; 12' AC, 36' AC (6.12) (38' AC) (44' AC)
	Shoulder: Width and Type	10' AC
Number of Traffic Lanes		4 - 12'; 2-12' (2-14'); 2-12' (1-14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		
(Right Side)		363, 424, 495, 685, 725, 798; 1-12'-14' (R); 1-12'-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; 0.096, 1.146, 2.236, 3.350, 4.271, 5.332, 6.912, 7.232, 8.227, 8.926
Protective Devices: Type, Location and Number	All Metal Rails on Metal Posts unless otherwise noted.	0.095, 1.18, 1.90, 2.47, 2.89, 3.29, 3.60, 5.00, 5.79, 7.05, 7.40
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; 6.12 BA
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; 6.09 B
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		Small Urban (99998)
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		Flat (1); 7.04
Speed: 1-Design, 2-Posted		55 MPH (2); 45 MPH (2); 3.86 Not Posted; 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		2.86; 3 Phase Traffic Signal
Traffic Stations (Current Year)		B74 0380 00347
HPMS Sections - AADT 2022		16,300
HPMS Sections - AADT 2021		13,600
HPMS Sections - AADT 2020		13,400
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 (6.02) (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 02,	D.B.
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

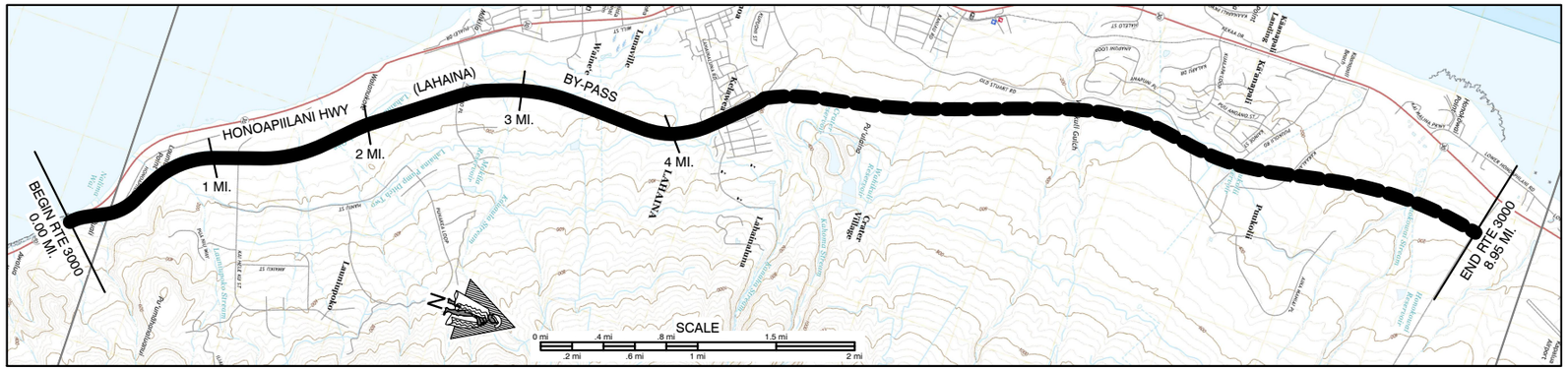
HONOAPIILANI HIGHWAY (LAHAINA) BYPASS

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



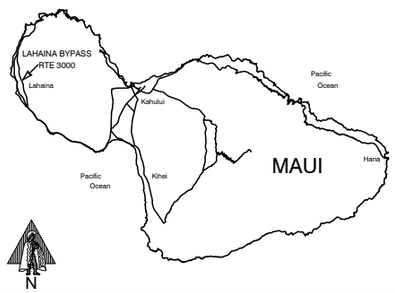
SCALE: (In Miles) 2" = 1 mile

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'
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left
Control of Access: 1-None, 2-Partial, 3-Full: STATE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): (STP-030-1(22), Demolition of Ikena Ave)
Project No., Type of Construction, and Year Constructed: 182 NH-030-1(38), REALIGNMENT 1B1, 2013 — 3.84 3.84 3.40 3.46 3.49 — (NH-030-1(35), REALIGNMENT 1A, 2013) — 3.99
Project No., Type of Construction, and Year Constructed

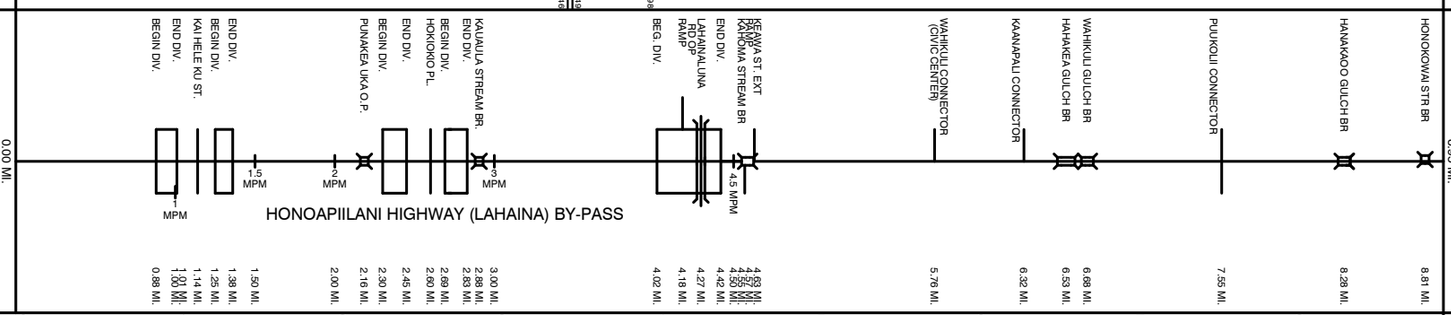


CULVERT GRATES (-) RUN MILEAGES
3.335, 3.205, 2.812, 2.564, 2.516, 2.448, 2.460, 1.906

Road Diagram
* MPM=Milepost Marker

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.



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).

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 10' AC; 10' PCC; 14; 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; 60; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 12' PCC; 24' PCC; 4.63
- Shoulder: Width and Type: 10' 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: 12' PCC; .86; .01; .25; 12' PCC; .38; .30; 12' PCC; .45; .69; 12' PCC; .83; (0'-35' PAINTED PCC); .02; 36" GRASS; .14; .42; (0'-35' PAINTED PCC)
- 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; .45; .60; .39; .14; .28; .40; .60; .73; .18; .14; .20
(Right Side): .01; .14; .14; .47; .60; .60; .35; AUX; .07; .00; .14; .16; .25; .55; .63
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): .77; 6' CONC. SWALE; .23
Protective Devices: Type, Location and Number: .22; .50; .60; .69; .87; .98; .13; .18; .72; .84; .89; M/M; .35; .54; .63; .86; .15; .88; .03
Illumination: Type, Location and Number: .98; 1-250W, 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): .00; F; .65; A; .55; 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): .00; C; .65; A; .22; 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 (1)); .14; 45 MPH (2); 45 MPH (2); .04; 30 MPH (1); 30 MPH (2); .63
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Station: B74 3000 00346
HPMS Section - AADT 2022: 15,868
HPMS Section - AADT 2021: 15,900; 4.972
HPMS Section - AADT 2020: 15,300; 5.198
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. 04,	J.K.

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: 0.000 miles
c. Other Length: 0.000 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 Kahekili Hwy. Also begin 3400C on Kahekili Hwy - see Route 340.

SCALE: 6 5/8" = 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

Structure Carrying Road — Vertical Clearance: 18'2"

Structure Carrying Road — Horizontal Clearance: 28'

Structure Other Than Road — Vertical Clearance

Structure Other Than 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

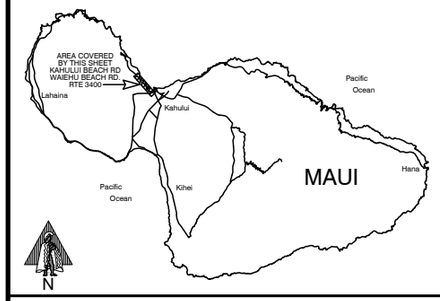
Right of Way Fence: Type - Right and Left: NONE

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

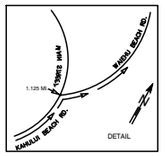
Project No., Type of Construction, and Year Constructed: 3400A-01-07M, RESURFACING, 2009 | HWY-M-05-04, IMPR, 2006 | 3400A-02-91 IMPROVEMENTS, 1995 | BR-STP-3400(5) BR. REHAB., 2015

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



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker



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

RAMP | DRIVEWAY | KAIHEE PLACE | WAHINEPIO AVE. | SMALL BOAT HARBOR ROAD | KANALOA AVE. | NISEI MEMORIAL CENTER ACCESS | MAIN ST. & END DIV. | ELUENE ST. | KAINALU PL. & BEG. DIV. | LINEKONA PLACE END DIVIDED | KAIKOO STREET | KAILANA PLACE | UKALI ST. | BEGIN DIVIDED | EHA ST. | END DIVIDED | IAO BRIDGE | END DIVIDED | BEGIN DIVIDED | KUHIO PL.(L) KAE'ONI PL.(R) END DIVIDED | KUKONA PL. | BEGIN DIVIDED | KEALI'I DR. | MAKAALA DR. | END DIVIDED | BEGIN DIVIDED | WAILUPE DR. | END DIVIDED | WAILUKU URBAN BOUNDARY

0.00 MI. — 0 MPM — 0.165 mi. — 0.327 mi. — 0.359 mi. — 0.469 mi. — 0.574 mi. — 0.692 mi. — 0.970 mi. — MPM — PAVED ROAD — NUKUWAI PLACE — 2 MPM — LOWER WAIEHU BEACH RD. — 2.5 MPM (R) — *2.624 MI.

KAHULUI BEACH ROAD — WAIEHU BEACH ROAD

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

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

SCALE: 6 5/8" = 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' | 0' | 6' AC | 0' | 10' AC | 6' AC

Median: Width and Type: 6'-24' GRASS W/CURB | 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'

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 | 2' AC | 10' AC

Number of Traffic Lanes: 1-12' | 2-12' | 4 - 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): 5' Conc. | 7' Conc. | 133.5' Conc. | 6' CONC. | 4' AC | B.C.

Curb and/or Gutter: Type (Right and Left) — T.S. = TRIANGULAR SWALE B.C. = BITUMINOUS CURB; C. & G. = CURB & GUTTER L.D.D. = LINED DRAINAGE DITCH: C.C.&2'G. .030 Conc. Curb; Conc. Curb .032; 6' T. S. .123; .137 175' C.C.&2'G. L. D. D.; C.C.&2'G. .030; C.C.&2'G. .573; .595; .685; .695; .698; B.C.

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier: .114 .179 .392 .551 .781 CB .905

Illumination: Type, Location and Number: MV .06 | MV .29 | 1 MV .49 | MV .69 | MV .599 .609 .665 .692 | .964 | .182 .219 .311 .527

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 .03 | C .17 | A .97 | C 1.09 | BDFE 1.17 | A 1.38 | C 1.51 | A 1.56 | B 1.79 | A 2.44 | C 2.58 | 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 1.12 | B 1.18 | A 1.49 | B 1.58 | C 1.66 | B 1.92 | A 2.11 | C 2.37 | B 2.59 | 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)) .069 — 35 MPH (2) — (35 MPH (1)) .086 — 30 MPH (2) — 30 MPH (1) .727 — 30 MPH (2) — 2.95 — (30 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing: .452 .876 1.22 3 PHASE (SIGN MISSING) .537 3 PHASE

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

HPMS Sections - AADT 2022: 28,600 | 11,876 | 7,200

HPMS Sections - AADT 2021: 32,100 | 11,900 | 7,500

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

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL (4)

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

Previous Projects: Project No., Date and Limits

1.12 3400A-01-97 1998 1.31 — 1.70 3400B-02-98 2 WAY (L) TLS 2.11

1.12 3400B-01-97M 1998 RESURFACE (ALSO ROUTE 340)

0.14 3400A-02-91 1995 IMPROVEMENTS — 3400AB-02-90 1992 IMPROVEMENTS — 1.13 — 1.86 3400A-01-88M 1988 RESURFACE

S-0340 (1) 1955, 1956 — 1.12 COUNTY 1.51 — S-247(1) 1952, 1953 1.87 — S-0341(3) 1966, 1967

SCALE: 6 5/8" = 1 mile

Date Released	
Oct. 04,	G.N.
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

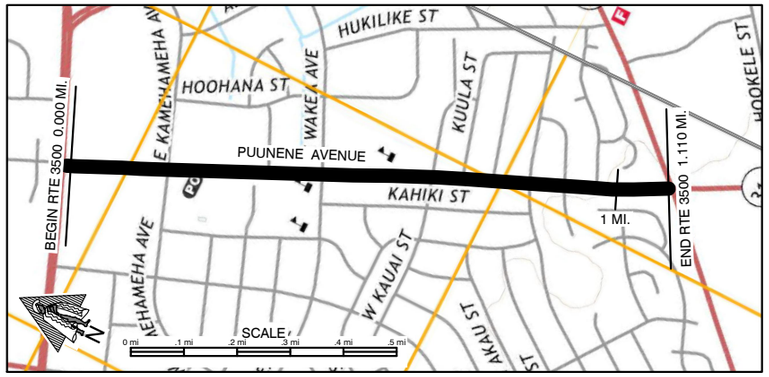
MAUI RTE 3500
PUUNENE AVENUE

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: 0.000 miles
c. Other Length: 0.000 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.

End 3500A on Puunene Avenue 10' from the S.E. edge of pavement of Kuihelani Hwy.

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance

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

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

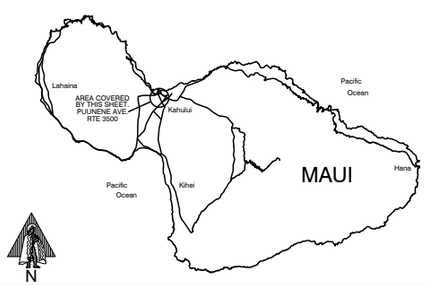
Right of Way Fence: Type - Right and Left: CHAINLINK 0.04–0.43; TILE 0.86–0.95; CHAINLINK 0.95–1.00; CHAINLINK

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

Project No., Type of Construction, and Year Constructed: STP-3500(5) 1996 RESURFACE; 0.47 HES-STP-3500(3) 1996 IMPROVEMENT; 0.78 STP-3500(5) 1996 RESURFACE; 1.00



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE 3500 ON PUUNENE AVENUE AT THE SOUTHEAST EDGE OF PAVEMENT WITH KAAHUMANU HIGHWAY (ROUTE 32) 0.00 MI. (+ FAR EDGE OF PAVT)

BEGIN DIVIDED 0.100 mi.; END DIVIDED 0.140 mi.; KAMEHAMEHA AVE. 0.190 mi.; HOLOLEA ST. 0.374 mi.; WAKEA AVE. 0.471 mi.; E. KAUAI ST. 0.673 mi.; KUULA ST. 0.730 mi.; AIAI ST. 0.784 mi.; PAPA AVE. 0.851 mi.; E. HAWAII ST. 0.915 mi.; BEGIN DIVIDED PUUKANI ST. 0.973 mi.; 1 MPM; MPM

PUUNENE AVENUE; W. KAUAI ST.; W. HAWAII ST.

DAIRY ROAD *1.110 MI. KUIHELANI HWY (+ NEAR EDGE OF PAVT) (R) 1.058 mi. (L) 1.054 mi.

END ROUTE 3500 ON PUUNENE AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH DAIRY ROAD AND KUIHELANI HIGHWAY (ROUTE 380)

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: (44' AC) 2' AC; 0.045; .527; .566; 4' AC; (24' AC); 4' - 6' AC

Pavement: Width and Type: (33' AC) 22 AC; 0.04; 44' AC; .238; .291; 55' AC; 44' AC; .471; 33' AC; 44 AC; 33' AC; .613; .634; .650; .669; .716; 34' AC; .767; 34' AC; .825; 24' AC; 12' AC; .974; 24' AC

Shoulder: Width and Type: 2'-4' AC; 0'; 2' AC; 4'AC; .767; .784; 4' - 6' AC; 0'

Median: Width and Type: (0' - 10' PAINT); 0.100; 0.140; .730; .979; 0'-30' TREES AND GUARDRAILS (L & R)

Shoulder: Width and Type: 0'; 0'

Pavement: Width and Type: 22 AC; .974; 22' AC

Shoulder: Width and Type: 4' - 6' AC; 4' - 6' AC

Number of Traffic Lanes: 1-11' .034; 2-11' .034; 4 - 11'; .471; 2-11' 1-11' .505; .560; 2 - 11'; .673; 2 - 12'; .949; 1-12' .974; 2-12'; 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): .100; 10' .238; .291; .374; .471; .650; .673; .730; .851; .915; .949; .974; .071

(Right Side): .189; 10' .238; 11' .471; .527; 10' .673; .730; .851; 12' .949; .973; .974; .023; 11'

Frontage Road: No. of Lanes, and Width (Right and Left): .471; .584; .669; .716; .767; .784; .825; .925

Sidewalk: Width and Type (Right and Left): 6' CONC. S/W .143; .200; 8' CONC. S/W .486; 4' BITUMINOUS S/W .965; 8' CONC. S/W .580; .682; 4' BITUMINOUS S/W .909

Curb and/or Gutter: Type (Right and Left): CONC. CURB .143; .200; CONC. CURB .462; CONC. CURB .580

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. .984

Illumination: Type, Location and Number: 18 MV

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A; 0.09 B; 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); .99; (30 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing: 0.018; .201 4 PHASE TRAFFIC LIGHT; .475; 3 PHASE .815

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

HPMS Sections - AADT 2022: 17,100; 0.38; 29,100

HPMS Sections - AADT 2021: 16,800; 34,500

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

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; 1.00

0.00; HES 3500(4) 1994; 0.26

380A-01-72 1976 RESURFACE; 0.26; M - 3500 1981

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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

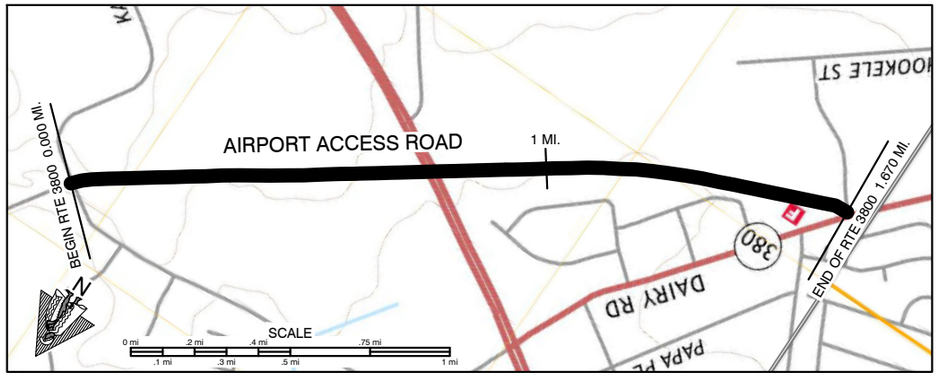
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAYS PLANNING BRANCH

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

Total Designated Route Length:	1.670	MILES (a+b)
a. Existing Length:	1.238	MILES
b. Proposed Length:	0.432	MILES
Total Travel Way Length:	0.000	MILES (a+b, less c)
a. Existing Length:	0.000	MILES
b. Temporary Length:	0.000	MILES
c. Length used as T.W. for another Route:	0.000	MILES (-)

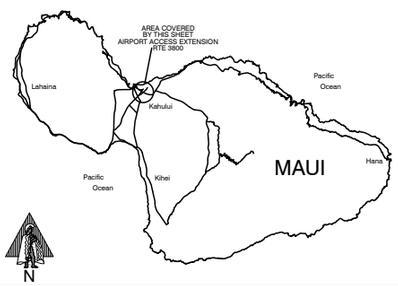
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



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		



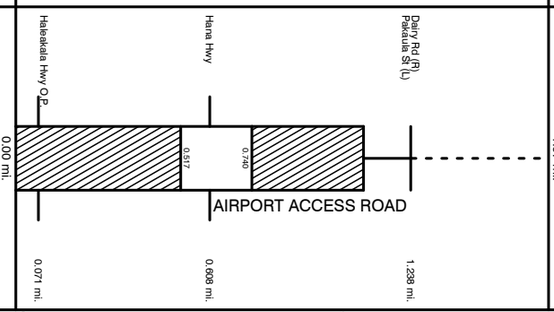
Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MPM=Milepost Marker

Begin Route 3800 on Airport Access Road at the Kahului Airport Boundry.

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



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	8' PCC
	Pavement: Width and Type	24' PCC
	Shoulder: Width and Type	0-4' PCC; 6' PCC; 48' PCC; 8' PCC
	Median: Width and Type	290'-20' GRASS; .106; .125; MILLED CENTERLINE 20' GRASS; .515; 4-20' PCC; .740; MILLED CENTERLINE 16' RAISED GRASS; .090; .238
	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		4-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		.608; .698; .719; .517; .090; .238
(Right Side)		.125; .515; .608
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)		4-6' 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 2022		19,300; 1.57
HPMS Sections - AADT 2021		17,200
HPMS Sections - AADT 2020		16,100
DOD Sections		
Census Tracts		
Functional Classification		Principle Arterial (3)
National Highway System (NHS)		On NHS (1); 1.57
Previous Projects: Project No., Date and Limits		

SCALE: (In Miles) 4" = 1 mile

Date Released	
July 02,	D.B.
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

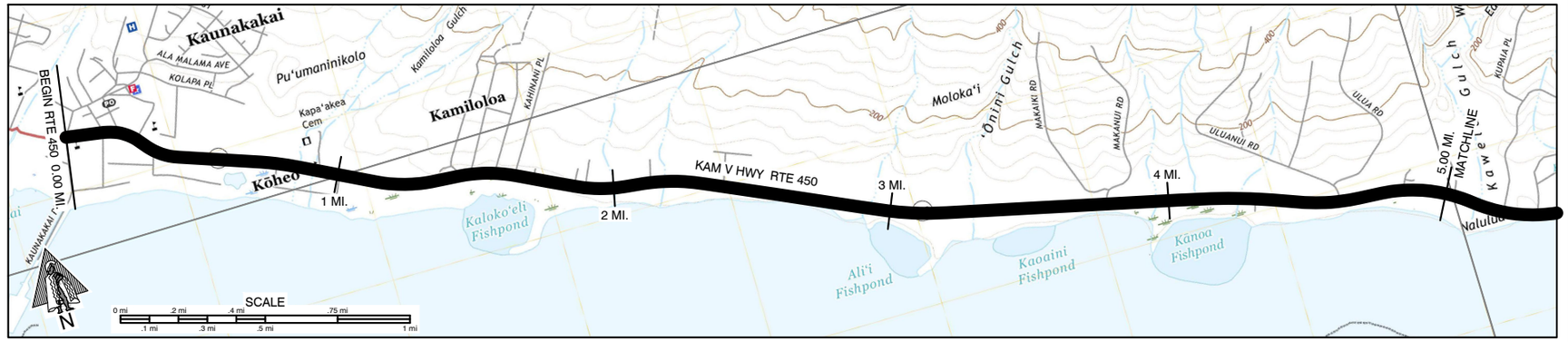
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



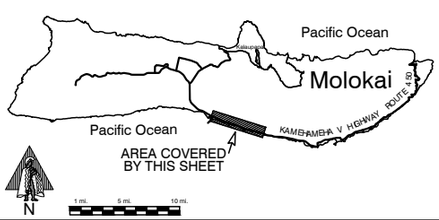
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
0.00 Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road. — 450A (10.13 MI)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: SLAB 1940 H15 (25') — SLAB 1940 H20 (23')
- Vertical Clearance
- Horizontal Clearance: 26' — 26'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 60' - 80' (1.00) — 80'
Available Right of Way Width (Needs Study): RESIDENTIAL AREA — TREES AND BUSHES (FEW HOMES) (3.96)
Right of Way Fence: Type - Right and Left: WIRE ON WOOD 15' FROM PAVEMENT (3.96)
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (1+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 (3.86)
Project No., Type of Construction, and Year Constructed: 450A-01-08M, RESURFACE, 2009 (0.01) — STP-0450(6) 1996 RESURFACE



Road Diagram
* MPM=Milepost Marker

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

0.00 mi. — KAM V HWY — CONTINUES ON SHEET #2 5.00 mi.

MOHALA ST. (0.006 mi.) · KAMOI ST. (0.124 mi.) · AILOA ST. (0.182 mi.) · KAUNAKAKAI SCH. (0.225 mi.) · OKI PLACE (0.251 mi.) · ROAD TO 'OLUKE MALU' PARK (0.328 mi.) · ALANUI KAIMI IKE EDUCATION CTR. (0.468 mi.) · KAPA'AKEA LOOP (0.694 mi.) · CULVERT (0.771 mi.) · KAPA'AKEA CEMETERY (0.847 mi.) · CULVERT (0.891 mi.) · KAPA'AKEA LOOP (0.902 mi.) · CULVERT (0.988 mi.) · CULVERT (1.194 mi.) · HOTEL ENT. (1.341 mi.) · KAMILOLOA PLACE (1.427 mi.) · HOTEL ENT. (1.454 mi.) · AAHI ST. (1.522 mi.) · CULVERT (1.560 mi.) · ILIAHI PLACE (1.582 mi.) · KAUNAMANO PLACE (1.631 mi.) · OPUA PLACE (1.699 mi.) · HOTEL ENT. (1.872 mi.) · KAMILOLOA BRIDGE (1.886 mi.) · CULVERT (1.903 mi.) · PANO PLACE (2.383 mi.) · CULVERT (2.466 mi.) · ONEALII PARK #1 (3.332 mi.) · MAKANUI RD. (3.764 mi.) · MAKAKUPAIA BRIDGE (3.834 mi.) · HOOULU PL. (4.206 mi.) · CULVERT (4.493 mi.) · ULUANUI RD. (4.596 mi.) · KAMAKANA PLACE (4.657 mi.) (4.831 mi.)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 6' AC (0.25) — 12' AC (1.00) — 6' AC — 4' AC (3.88) — Milled Edgeline Rumble Strip
- Pavement: Width and Type: 24' AC (1.90) — 22' AC
- Shoulder: Width and Type: 6' AC — 4' AC (3.88) — Milled Edgeline Rumble Strip
- Median: Width and Type: (3.88–5.88) Milled Centerline Rumble Strip
- Shoulder: Width and Type
- Pavement: Width and Type
- Shoulder: Width and Type

Number of Traffic Lanes: 2 - 12' (1.90) — 2 - 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): NONE
(Right Side): NONE
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 6' BP (0.27–1.01) — 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: MERCURY VAPOR (1.00) — MERCURY VAPOR (2.37) — 1 MV (3.32)
Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A (0.11) — BA (0.24) — B (0.42) — 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 (1.94–2.00) — A — B (2.96–3.10) — A — B (4.17–4.23) — 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) / 20 MPH (2) / 35 MPH (2) / 35 MPH (1) — 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Traffic Stations (Current Year): B75 0450 00000 — B75 0450 00238
HPMS Sections - AADT 2022: 5,888 — 2,196
HPMS Sections - AADT 2021: 5,600 — 2,200
HPMS Sections - AADT 2020: 5,800 — 2,300
DOD Sections
Census Tracts
Functional Classification: MAJOR COLLECTOR (5)
National Highway System (NHS): NOT ON NHS (0)
Previous Projects: Project No., Date and Limits
- 450AB-01-01M 2001 RESURFACE (0.01–1.80)
- STP-0450(7) 1998 (1.28–1.79)
- HWY-M-06-96M 1997 (1.80)
- STP-0450(6) 1996 RESURFACE
- HWY-M-02-90 1991 SHOULDER IMPROVEMENT (3.69)
- RS-0450(4) 1988 RESURFACE
- RS-0450(1) 1979 RESURFACE
- 450A-01-72 1972 RESURFACE (0.51–1.99)
- FAS 2A 1940
- COUNTY (1.00–1.90)
- FAS 2A(1) 1938

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.

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

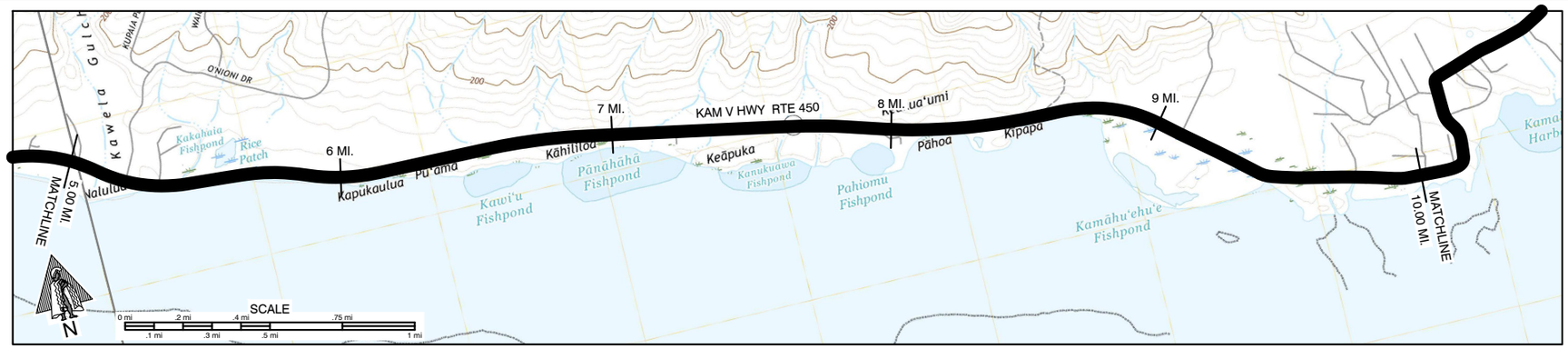
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles

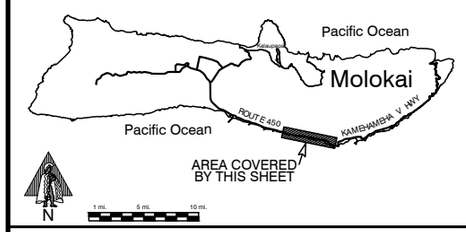


SCALE: (In Miles) 4" = 1 mile

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)
Right of Way Fence: Type - Right and Left: WIRE ON WOOD 15' FROM PAVEMENT; NONE; WIRE ON WOOD 15' FROM PAVEMENT; WIRE ON WOOD
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: 450A-01-12M, RESURFACE, 2015; STP-0450(9) GUARDRAIL AND SHOULDER IMPROVEMENTS 2013
Project No., Type of Construction, and Year Constructed: (BR-0450(8) 2014 BRIDGE REPLACEMENT); 450AB-01-13M RESURFACE 2017



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #1

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

5.00 mi. (5 MPM); 5.016 mi.; 5.097 mi.; 5.211 mi.; 5.408 mi.; 5.500 mi.; 5.506 mi.; 6.002 mi.; 6.187 mi.; 6.448 mi.; 6.487 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.; 10.00 mi. (10 MPM)

CONTINUED ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type — GRASS UNLESS NOTED: (4' AC) 10' AC; 4' AC
Pavement: Width and Type: MILLED EDGELINE RUMBLE STRIPS; 22' AC; 20' AC
Shoulder: Width and Type — GRASS UNLESS NOTED: (4' AC) 10' AC; 4' AC; MILLED EDGELINE RUMBLE STRIPS
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; 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 2022: 2,196; 1,098
HPMS Sections - AADT 2021: 2,200; 1,100
HPMS Sections - AADT 2020: 2,300; 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; 450AB-01-89M 1990 RESURFACE; FAS 2A 1940; S-2(2) 1947; 450AB-01-76M 1976 RESURFACE; FAS 2A(1) 1938; COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.

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

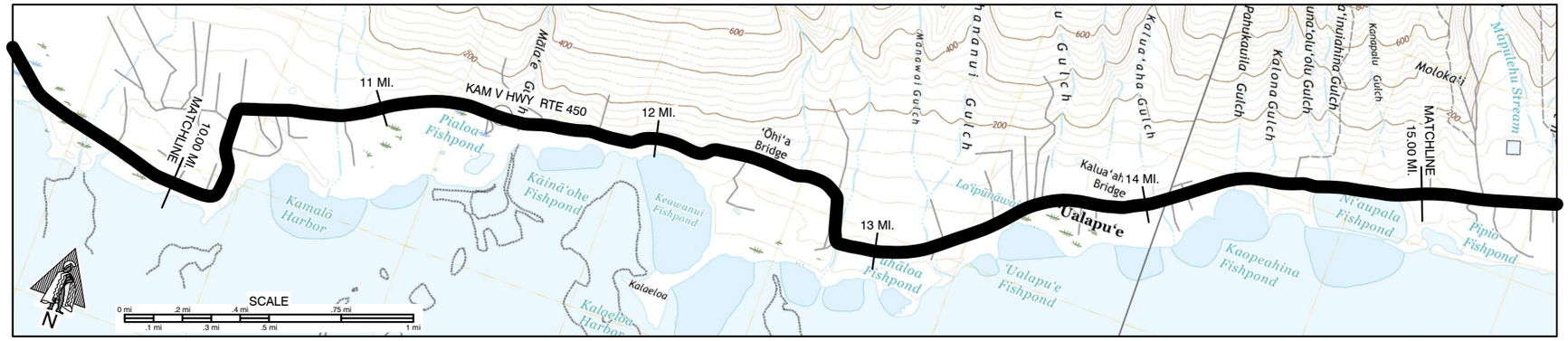
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles

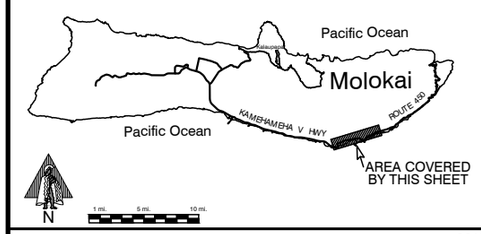


SCALE: (In Miles) 4" = 1 mile

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

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRE-STRESSED SLAB 1979 HS-20 22' (12.519 mi.); PRE-STRESSED SLAB 1979 HS-20 36' (14.013 mi.)
Vertical Clearance
Horizontal Clearance: 18' (12.519 mi.); 21' (14.013 mi.)
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 (10.00–11.96); WIRE ON METAL CHAIN LINK (11.96–13.03); WIRE (13.03–15.00)
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-0450(9) GUARDRAIL AND SHOULDER IMPROVEMENTS 2013 (11.36–12.39); 450B-01-02M RESURFACE 2003 (12.39–15.00)
Project No., Type of Construction, and Year Constructed: 450AB-01-13M RESURFACE 2017 (10.00–12.39)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #2

10.00 mi. — KAMALO WHARF ROAD CULVERT; FORD; CULVERT; CULVERT; OHIA BRIDGE; HAWN TEL SUBSTATION (L); ROAD TO WAVECREST RESORTS; FORD; KILOHANA SCHOOL; UALAPUE PLACE; KALUAAHA BRIDGE; KEALAINU I OHINA PL. — 15.00 mi.

KAMEHAMEHA V HIGHWAY

MPM: 11 (11.009 mi.), 12 (12.019 mi.), 13 (12.803 mi.), 14 (14.013 mi.)

10.129 mi. 10.095 mi. 10.821 mi. 11.009 mi. 12.019 mi. 12.12 mi. 12.519 mi. 12.803 mi. 12.915 mi. 13.005 mi. 12.980 mi. 13.173 mi. 13.253 mi. 13.421 mi. 14.013 mi. 14.126 mi.

CONTINUES ON SHEET #4

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type (ALL GRASS UNLESS NOTED): 4' AC; 2' - 4' AC (11.33); 4' AC / 2' GRASS (12.39); 2' - 4' AC (14.05)
Pavement: Width and Type: 20' AC (360); 18' AC
Shoulder: Width and Type (ALL GRASS UNLESS NOTED): 4' AC; 2' - 4' AC
Median: Width and Type
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

Number of Traffic Lanes: 2-10' (360); 2 - 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): NONE
(Right Side): NONE
Frontage Road: No. of Lanes, and Width (Right and Left): NONE
Sidewalk: Width and Type (Right and Left): NONE
Curb and/or Gutter: Type (Right and Left): NONE
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.): TEMP CONC BARRICADE (12.506–12.602)
Illumination: Type, Location and Number: 1 INCA. (10.46–10.56)
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 (10.00) E (10.16) AD (10.36) C (10.37) A (10.46) F (10.56) A (10.82) B (10.87) A (11.36) B (11.33) A (11.49) BA (11.66) A (11.74) C (11.77) A (11.87) D (11.89) B (12.10) D (12.19) D (12.32) A (12.49) D (12.71) ABE (12.87) A (13.33) B (13.45) A (13.88) CA (13.96) B (14.03) A (14.46) BAD (14.58) C (14.65) A
Superelevation (Range)
Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45)): B (10.69) A (10.93) B (11.05) A (11.22) B (11.63) A (11.8) B (11.88) A (12.05) B (13.24) A (13.71) B (14.26) 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) (11.36–12.39); 20 MPH (2)(SCHOOL ZONE) / 20 MPH (2)(SCHOOL ZONE) (12.39–13.23); 30 MPH (2) / 30 MPH (1) (13.23–14.05); 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: 13.23; 14.05
Traffic Stations (Current Year): B75 0450 00522; B75 0450 01325; B75 0450 01413
HPMS Sections - AADT 2022: 1,098; 918; 758
HPMS Sections - AADT 2021: 1,100 (10.15); 920; 760 (14.05)
HPMS Sections - AADT 2020: 1,100; 970; 750
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
450AB-01-89 1990 RESURFACE (14.07)
450B-02-88 1988 SHOULDER IMPROVEMENTS (12.35–14.35); 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

Date Released	
Oct. 04, G.N.	
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

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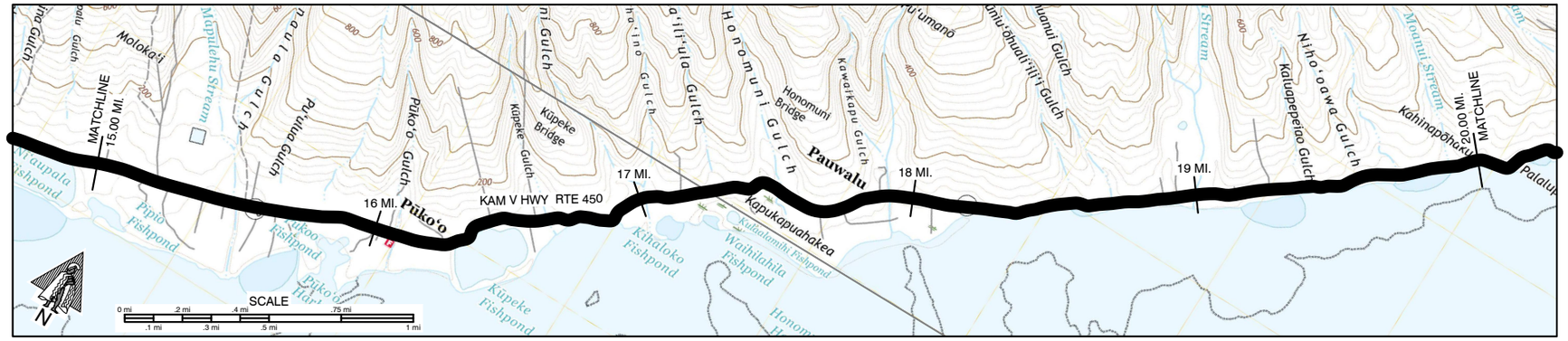
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 miles
a. Survey Length: 27.499 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 450 B (17.43 MI.)

Structure Carrying Road

Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- SLAB 1950 (1968) HS20 — 42'
- PRESTRESSED BEAM 1979 HS20 — 25'
- PRESTRESSED BEAM 1979 HS20 — 16'
- PRESTRESSED CONC. GIRDER 2007, HL-93 — 64'-2"
- PRESTRESSED BEAM 1970 HS20 — 103'

Vertical Clearance

Horizontal Clearance: 20' | 21' | 21' | 32' | 26'

Structure Over Road

Vertical Clearance

Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'

Available Right of Way Width (Needs Study): TREES AND LARGE BUSHES W/ SOME HOMES AND OPEN PASTURE

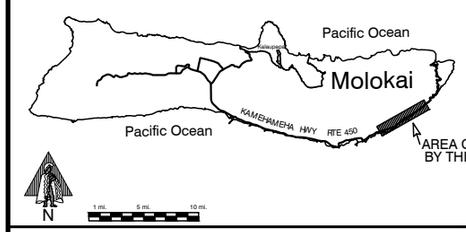
Right of Way Fence: Type - Right and Left: WIRE ON METAL / WIRE (19.62)

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 (16.50) | 450B-01-03M, RESURFACE, 2006 | (17.28) (17.42) (ER-12(4), BRIDGE REPLACEMENT, 2007) | 450B-01-03M, RESURFACE, 2006

Project No., Type of Construction, and Year Constructed: 2003 | 450B-01-94M RESURFACE 1996 (18.62) | STP-0450(5) 1994 (19.00) | COUNTY (19.66) | 450B-01-88M 1988 (R)



Road Diagram
* MPM=Milepost Marker

CONTINUED FROM SHEET #3 — CONTINUES ON SHEET #5

15.00 mi. — 20.00 mi.

MAPULEHU BRIDGE | BEACH PARK | FORD | KUPEKE BRIDGE | CULVERT | HONOMUNI BRIDGE | KAWAIKAPU BRIDGE | WAIALUA BRIDGE

KAMEHAMEHA V HIGHWAY

MPM 15 | 16 | 17 | 18 | 19

15.026 mi. | 15.481 mi. | 15.704 mi. | 16.029 mi. | 16.058 mi. | 16.622 mi. | 16.935 mi. | 17.035 mi. | 17.456 mi. | 17.890 mi. | 18.014 mi. | 18.882 mi. | 19.018 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 2' - 4' AC | 4' - 6' GRASS (19.62) | 0' (19.81) | 6' GRASS (19.96) | 0' (19.96) | 2' - 6' AC

Pavement: Width and Type: 18' AC | 16' AC (400') | (12'-20') AC (400')

Shoulder: Width and Type: 2' - 4' AC | 6" GRS (18.72) | 0' (18.93) | 6' - 8' GRASS (19.06) | 0' (19.09) | 6" (19.09) | 2' - 6' AC

Median: Width and Type

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2 - 9' | 2 - 8' (400') | 2 - (6'-10') (400')

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

(Right Side): NONE

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

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

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

Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. CB=Concrete Barrier: 450 (505) | 600 (601) | 447 (448) | 911 (873) | 200 (252) | CB (605)

Illumination: Type, Location and Number: 450 (505) | 450 (448) | 876 (923) | 200 (203)

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): A | BAC (15.00) | A | DD (16.22) (16.33) | FE (16.49) | A (16.51) | AB (16.62) | AE (16.72) | D (16.74) | CAF (16.84) | DA (16.94) | C | D (17.07) | A (17.11) | A (17.26) | D (17.34) | EB (17.45) | A (17.49) | C | A | CE (18.10) | CB (18.17) | AD (18.35) | A (18.41) | D (18.50) | A | B (19.07) | C (19.14) | A | CE (19.24) | D (19.31) | B (19.36) | AD (19.57) | A | CB (19.88) | D

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): A | (16.74) B (16.95) | A | (19.25) A | (19.50) A | (19.80) B | (19.95) 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) (700)

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0450 01413

HPMS Sections - AADT 2022: 758

HPMS Sections - AADT 2021: 760

HPMS Sections - AADT 2020: 750

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-01-03M, RESURFACE, 2006 (130+00) (16.50)
- 450B-01-94M 1996 RESURFACE (18.62)
- STP-0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS (19.00)
- 450B-01-80M 1980 RESURFACE (16.06) (16.21)
- 450B-01-81M 1981 RESURFACE (18.62) (19.66)
- 450B-01-87M 1987 RESURFACE (19.66)
- COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04,	G.N.

Revised	
Nov., 06	D.B.
Feb., 08	D.B.
Feb., 11	D.B.
Feb., 12	D.B.
Sept. 12	E.P.J.
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Jan 16	D.B.
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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
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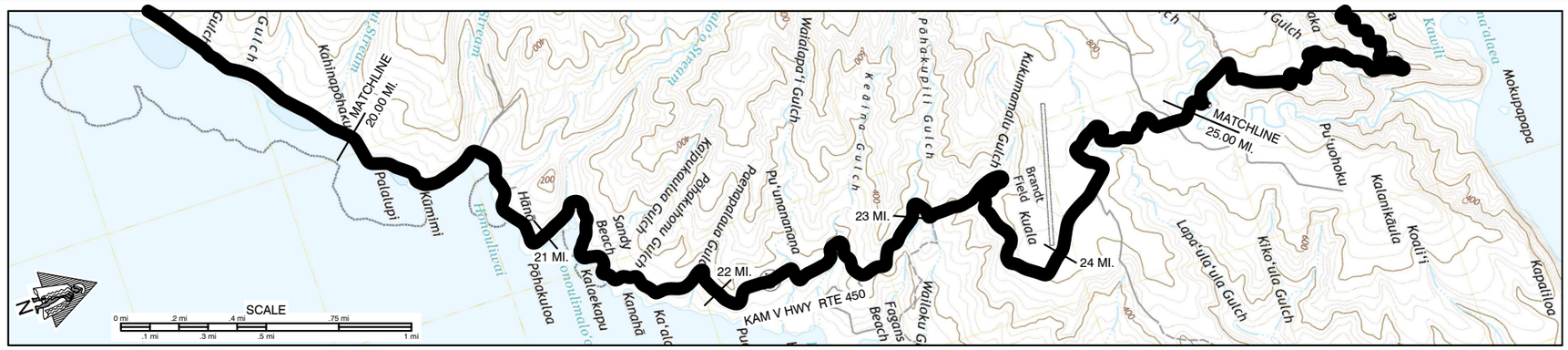
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.499 miles
a. Survey Length: 27.499 miles
b. Proposed Length: 0.000 miles
c. Other Length: 0.000 miles

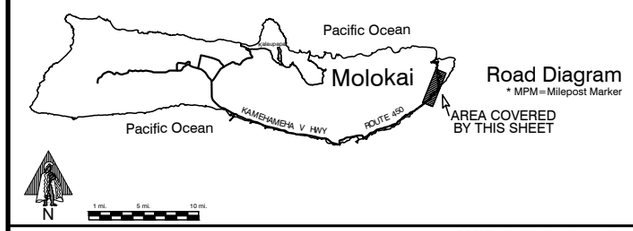


SCALE: (In Miles) 4" = 1 mile

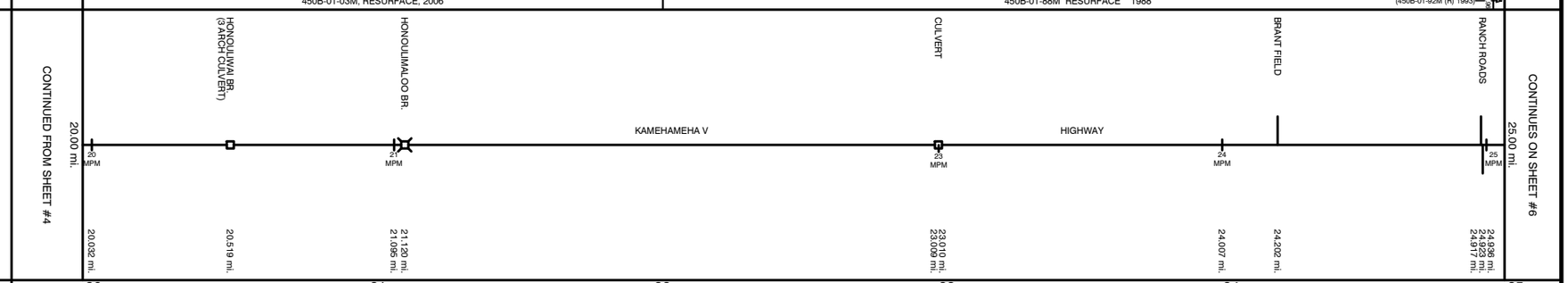
Maintenance Control Sections : Length and Description: 450B (17.43 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CULVERT 1960 HS20 56'; TIMBER STRINGER 2008, HS-20 16'
Vertical Clearance
Horizontal Clearance: 12'; 13'
Structure Over Road — Vertical Clearance
Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80'
Available Right of Way Width (Needs Study): TREES BUSHES AND SOME OPEN PASTURE
Right of Way Fence: Type - Right and Left: 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
* MPM=Milepost Marker



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type: 2' - 6' AC; (2' AC)
Pavement: Width and Type: 12' - 20' AC; (14' 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 - (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
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: ROLLING (2); MOUNTAINOUS (3); FLAT (1); 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 2022: 758
HPMS Sections - AADT 2021: 760
HPMS Sections - AADT 2020: 750
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
COUNTY

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct. 04, G.N.

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

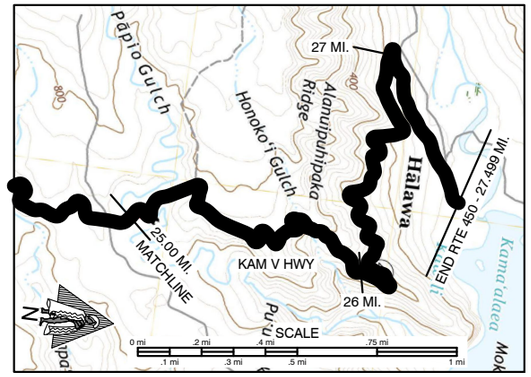
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



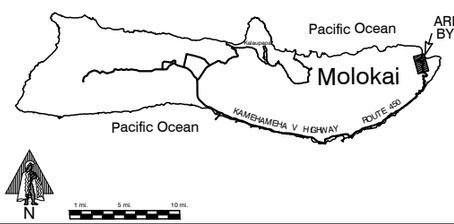
SCALE: (In Miles) 4" = 1 mile — 25 26 27 28 29 30

Maintenance Control Sections : Length and Description: 450 B (17.43 MI.)

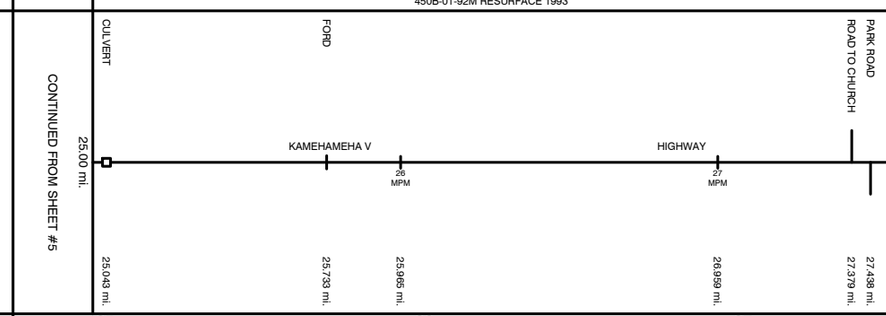
Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: CULVERT
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type - Right and Left: WOOD ON WIRE 10'-15' FROM PAVEMENT (32.55); WOOD ON WIRE 10'-15' FROM PAVEMENT
Control of Access: 1-None, 2-Partial, 3-Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (275+60 / 499)
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
* MPM=Milepost Marker



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH "15 VIDEOLOG & '15 FEATURES DATABASE.
END ROUTE 450 ON KAMEHAMEHA V HIGHWAY AT THE END OF PAVEMENT.

SCALE: (In Miles) 4" = 1 mile — 25 26 27 28 29 30

Divided Highway — Undivided
- Shoulder: Width and Type: 2' AC
- Pavement: Width and Type: 12' - 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 - (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)
Sidewalk: Width and Type (Right and Left): NONE
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. (CRM) ROCK WALL; AC Curb
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); 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 2022: 758
HPMS Sections - AADT 2021: 760
HPMS Sections - AADT 2020: 750
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 — 25 26 27 28 29 30

Date Released	
Oct. 04, G.N.	
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

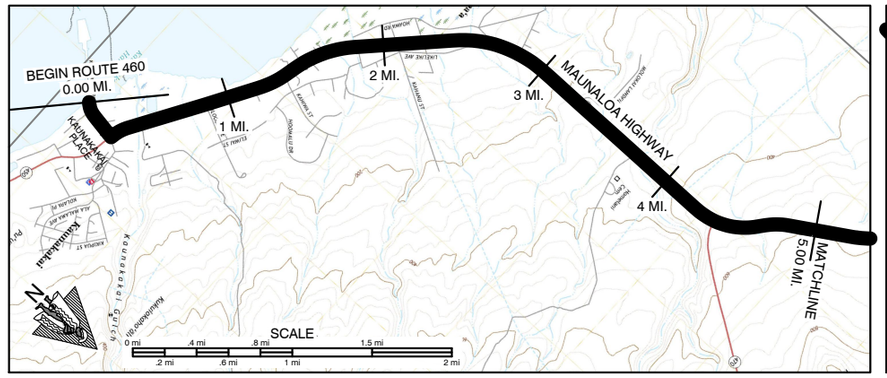
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

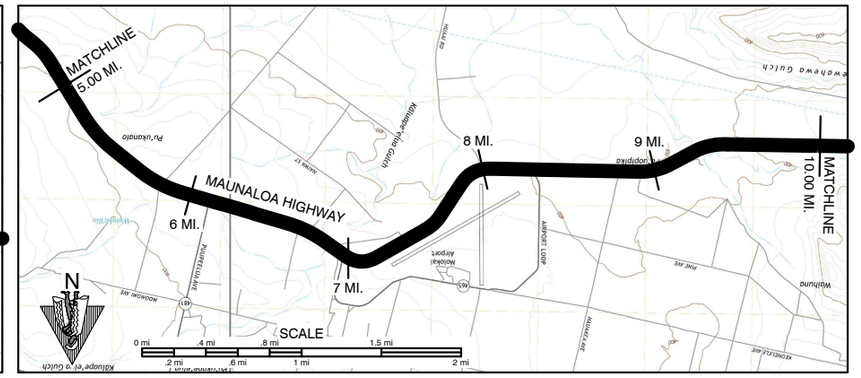
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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: 0.000 miles
c. Other Length: 0.000 miles





SCALE: (In Miles) 2" = 1 mile

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'; Slab 1954 H-20 35' 35' 35' 35' 35'; Prestressed Conc. Girder 1988, HS-20-44 364'

Vertical Clearance: 0.43, 1.66, 1.83, 2.29, 2.54, 3.76

Horizontal Clearance: 36', 36', 36', 36', 36', 41'

Structure Over Road — Vertical Clearance / Horizontal Clearance

Right of Way Width (min.-max.) if varies: 80', 70'-160', 80'-160', 50', 80'-110', 100', 80'-400'

Available Right of Way Width (Needs Study): Residential Area; 1000' Clear - Grass, Bushes 10'-15' from Pavement; 1000' Clear Pineapple 15'-25' from Pavement; Ranch and Pasture; Airport 30'; Clear 1000' Pineapple/Grass Pasture

Right of Way Fence: Type - Right and Left: Wire on Wood 10' from Pavement; Wire on Wood 10' from Pavement; Wire on Wood 10' from Pavement; ChainLink

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

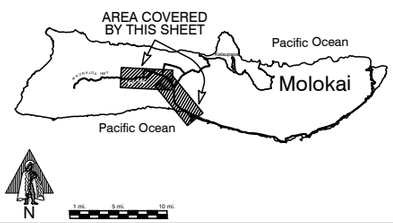
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: ARR-0460(14), Resurface, 2011; 460A-01-10M, Resurface, 2015; 460A-01-11MR, (R), 2015

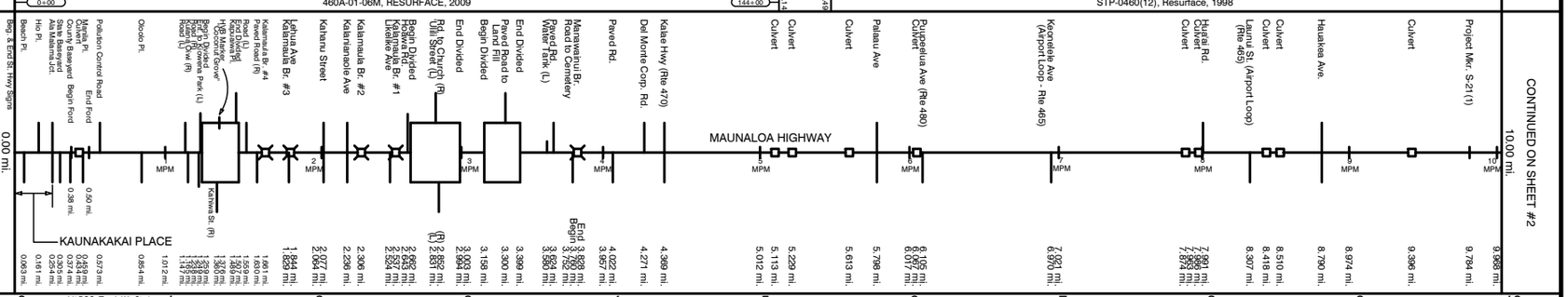
Project No., Type of Construction, and Year Constructed: 460A-01-06M, RESURFACE, 2009; STP-0460(12), Resurface, 1998

Road Diagram

* MPM=Milepost Marker



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



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
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: Rural (99999)
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 2022
HPMS Sections - AADT 2021
HPMS Sections - AADT 2020
DOD Sections
Census Tracts
Functional Classification: Major Collector (5)
National Highway System (NHS): Not on NHS (0)
Previous Projects: Project No., Date and Limits

SCALE: (In Miles) 2" = 1 mile

Date Released	
Mar. 04,	D.B.
Revised	
Nov., 06	D.B.
Aug., 10	D.B.
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

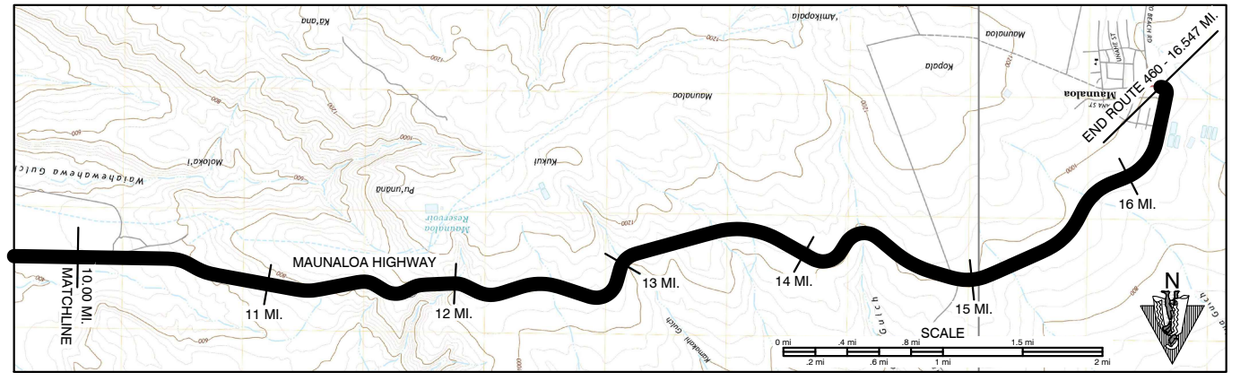
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles

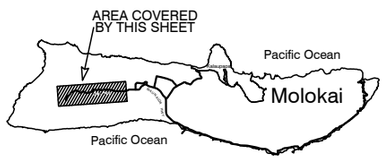


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 460 A (16.56 mi.); End 460 A same as end Rte 460

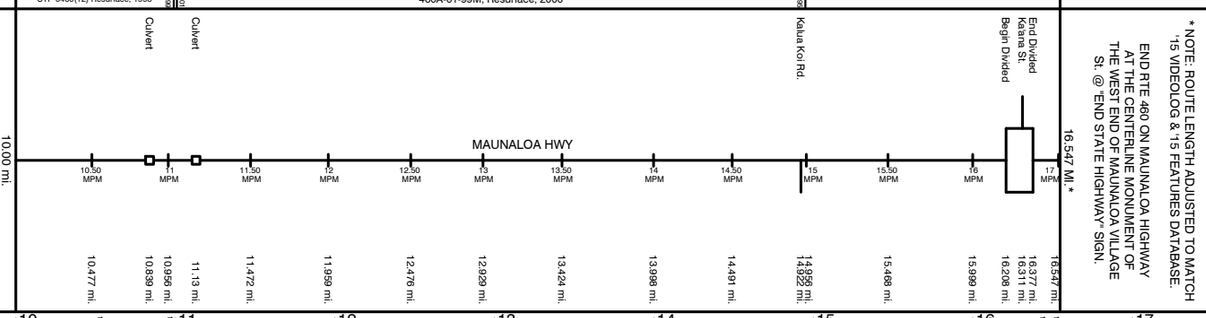
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure Over Road: Vertical Clearance
Horizontal Clearance

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; Wire on Wood 20'-30' 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: 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
* MPM=Milepost Marker

CONTINUED FROM SHEET #1



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

END RTE 460 ON MAUNALOA HIGHWAY AT THE CENTERLINE MONUMENT OF THE WEST END OF MAUNALOA VILLAGE St. @ "END STATE HIGHWAY" SIGN.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided:
Shoulder: Width and Type: Shldr. Rumble Strip; 4' AC; 8' AC; 4' AC; Shldr. Rumble Strip; 10' 8' 15' 10' 8' 9-15'; 14'; 9-14' Grv.; (15')
Pavement: Width and Type: 24' AC; 22'-24' AC; (11'-12' AC); (22'-24' AC)
Shoulder: Width and Type: Shldr. Rumble Strip; Shldr. Rumble Strip; 4' AC; Shldr. Rumble Strip; 10' 8' 15' 10' 8' 9-15' 14'; 0; Shldr. Rumble Strip; (14')
Median: Width and Type: C.L. Rumble Strip; C.L. Rumble Strip; (12' Painted AC); C.L. Rumble Strip; (15')
Median Barriers:
Shoulder: Width and Type: 0
Pavement: Width and Type: (11'-12' AC)
Shoulder: Width and Type: 14' Grass

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; (3' Conc. G.); (2' Conc. G.); (AC Curb)
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 2022: 1,198; 669
HPMS Sections - AADT 2021: 1,200; 670
HPMS Sections - AADT 2020: 1,200; 660
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

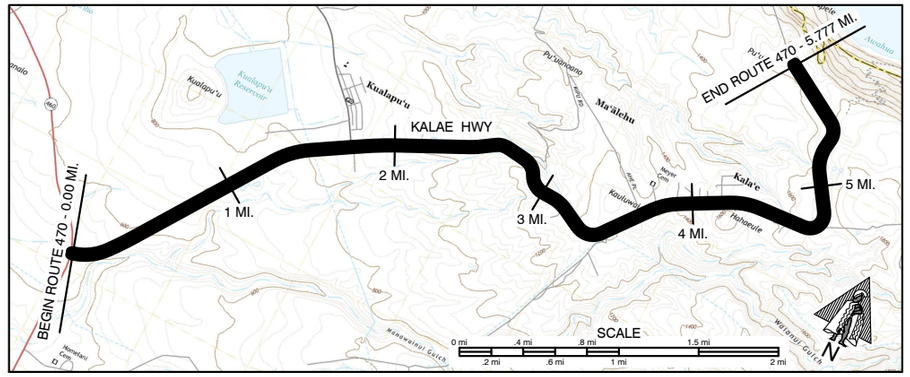
MOLOKAI RTE 470
KALAE HIGHWAY

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: 0.000 miles
c. Other Length: 0.000 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

Begin 470A same as begin route | 470A (5.79 MI.) | End 470A same as end route.

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance

Structure Over Road

Vertical Clearance

Horizontal Clearance: 80' - 120' | 3.49 | 60' - 70' | 5.09 | 60' - 130'

Right of Way Width (min.-max.) if varies: 1000' PINEAPPLE FIELD, 20' - 30' FROM PAVEMENT | 1.14 | RES. AREA | 1.88 | 2.08 | PASTURE AREA W/ SOME HOUSES | LARGE TREES & BUSHES

Available Right of Way Width (Needs Study): NONE | (1000' CLR PINEAPPLE 20' FROM PAV'T) | WIRE ON WOOD 10' - 25' FROM PAVEMENT | WIRE ON WOOD 10' - 25' FROM PAVEMENT | 5.09

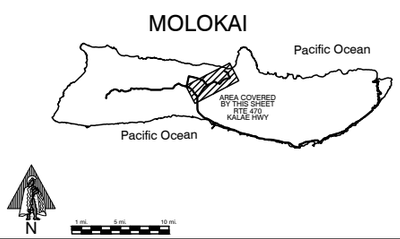
Right of Way Fence: Type - Right and Left

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 0+28 | STATE | 87+60 | .777

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

Project No., Type of Construction, and Year Constructed: 0.01 | ARR-0470(6), PREVENTIVE MAINTENANCE, 2010



Road Diagram
* MPM=Milepost Marker

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

0.00 MI. — KALAE HIGHWAY

CULVERT 0.022 mi. | 0 MPM
0.50 MPM 0.401 mi.
ROAD 0.50 mi. | 1 MPM 0.869 mi.
1.01 mi.
TRACTOR XING 1.474 mi. | 1.5 MPM
N. KAPA ST 1.557 mi. | 1.50 mi.
N. NONI ST 1.638 mi. | S. NONI ST.
N. EHAKO PL. 1.723 mi. | S. KAPA ST
FARRINGTON AVE (ATHENS) 1.728 mi. | 1.773 mi. | N. EHAKO PL. | S. EHAKO PL.
1.97 mi. | 2 MPM
MICROWAVE COMM. STATION 2.498 mi. | 2.49 mi.
KIPU ROAD (GOLF COURSE) 2.742 mi.
CULVERT 2.88 mi. | 2.50 MPM
3.09 mi. | 3 MPM
RD TO WATER TANK 3.484 mi. | 3.50 MPM
RD TO SUGAR MILL (MOLOKAI MUSEUM) 3.50 mi. | 3.701 mi.
KALAE HOUSING 3.702 mi.
IRONWOOD HILLS GOLF COURSE (AHE PL) 3.97 mi. | 4 MPM
NANIKAI PLACE 4.047 mi.
KALAMA ROAD 4.177 mi. | 4.50 MPM
KAHI PL. 4.288 mi.
R.W. MEYER LTD. ROAD 4.47 mi.
RD TO WATER TANK 4.728 mi. | 4.669 mi.
5.10 mi. | 5 MPM
DRIVEWAY 5.232 mi.
RD TO PAUAU STATE PARK 5.327 mi.
PAVILION 5.501 mi. | 5.50 MPM
PARKING AREA RD TO CAMP AREA 5.657 mi. | 5.616 mi. | 5.53 mi.
*5.777 MI.

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

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

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 6' AC | .315 | 8'-9' AC

Pavement: Width and Type: (22'-24') AC | .000 | (18'-20') AC | .000 | (22'-24') AC

Shoulder: Width and Type: 6' AC | .215 | 8'-9' AC

Median: Width and Type: CENTERLINE MILLED RUMBLE STRIP | .45 | .90 | CENTERLINE MILLED RUMBLE STRIP | .70 | .35 | CL MILLED RUMBLE STRIP | 1.5

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Number of Traffic Lanes: 2 - (11'-12') | .000 | 2 - (9'-10') | .000 | 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: M/V

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) | .460 | 2.50 | ROLLING (2)

Speed: 1-Design, 2-Posted: 45 MPH (1) | 45 MPH (2) | 30 MPH (2) | 35 MPH (2) | 30 MPH (2) | 5.20 | 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 2022: 1,697 | 749 | 729 | 170

HPMS Sections - AADT 2021: 1,700 | 1.73 | 750 | 2.74 | 730 | 4.29 | 170 | .777

HPMS Sections - AADT 2020: 1,700 | 750 | 740 | 160

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 | STP-0470 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A-01-00M 2001 RESURFACE

STP-0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT | 1.74 | 2.88 | RS-0470(3) 1982 RESURFACE | 4.14 | 470A-01-92M 1993 RESURFACE

HWY-M-01-85M 1985 RESURFACE | 0.08 | 0.47 | HWY-M-01-82M 1982 RESURFACE | 1.73 | RS-0900(24) 1986 RESURFACE | 2.88 | REALIGNMENT 1971

F-047-1(1) 1957, 1958 | 1.75 | WPH - 19B 1936 | 3.24 (75+00) | COUNTY | 4.12 (48+92) | S-047(1) & S-047(2) 1970

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 04,	G.N.
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

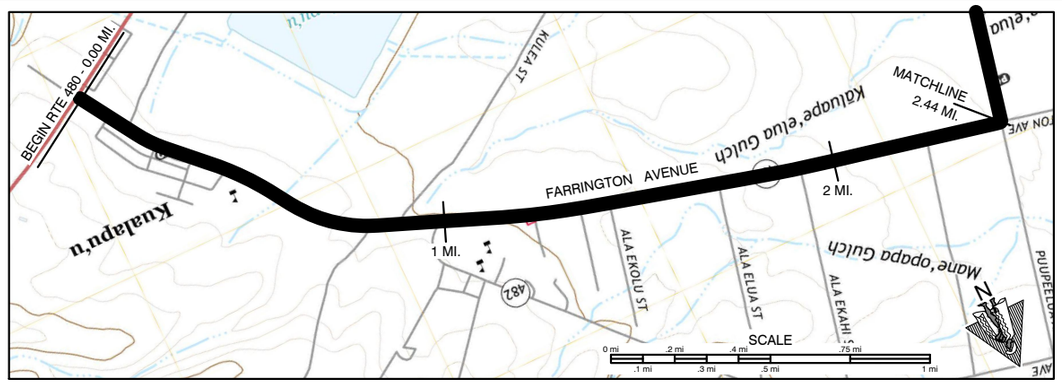
FARRINGTON AVE. - PUUPEELUA AVE.

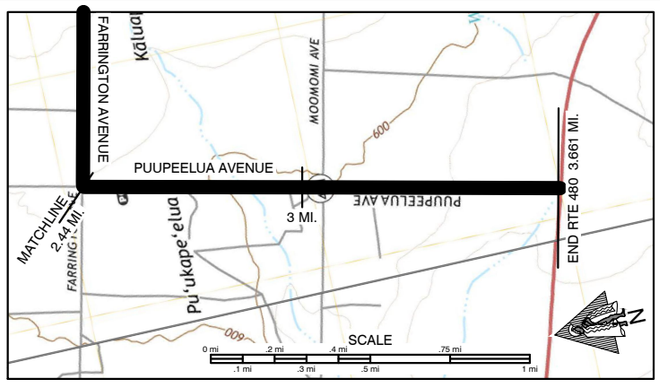
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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: 0.000 miles
c. Other Length: 0.000 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.) — 3.661 — 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' — 2.44 — 80'

Available Right of Way Width (Needs Study): RES. 0.25 — CLEAR 1000' PINEAPPLE 15' - 20' FROM EDGE OF PAVEMENT — 0.87 — CLEAR 1000' GRASS & TREES 15' - 20' FROM PAVEMENT

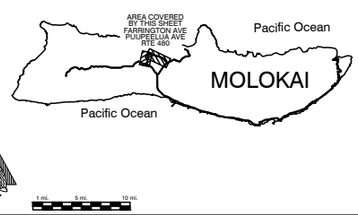
Right of Way Fence: Type - Right and Left: 1.37 — WIRE ON WOOD 15' - 20' FROM PAVEMENT — 2.20

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 128+70 — STATE — 0+17

Project No., Type of Construction, and Year Constructed: 0.00 — ARR-0480(3), RESURFACE, 2010 — 3.661

Project No., Type of Construction, and Year Constructed: STP-0480(2) RESURFACE 1999



Road Diagram
* MPM=Milepost Marker

BEGIN ROUTE 480 ON FARRINGTON AVENUE AT THE NORTHWEST EDGE OF PAVEMENT WITH KALAE HWY (RTE 470)

0.00 mi. — FARRINGTON AVENUE — 3.661 mi.

HULIA STREET PLANTATION STORE 0.005 mi. / 0.046 mi. / 0.089 mi. / 0.150 mi. / 0.229 mi. / 0.300 mi. / 0.459 mi.
'UWAO STREET
ALAEKEA STREET
EPANE STREET
1 MPM — 0.880 mi. / 0.96 mi.
LIHI PALI AVE.
PARKING LOT
MOLOKAI H.S.
H.S. EXIT 1.058 mi. / 1.116 mi.
FIRE STATION & PARKING LOT 1.200 mi. / 1.209 mi.
LEI KUKUI PLACE 1.348 mi.
ALA EKOLU ST & BEG MEASURED MILE 1.424 mi.
ALA ELUA STREET 1.704 mi.
ALA EKAHI STREET 1.916 mi. / 2.00 mi.
2 MPM
ANGLE POINT OF PUUPEELUA AVE. & FARRINGTON AVE. 2.438 mi. / 2.442 mi.
END MEASURED MILE
POST OFFICE ROAD 2.500 mi.
MOLOKAI BAPTIST CHURCH 2.706 mi.
3 MPM
MOOMOMI AVE 3.056 mi. / 3.010 mi.
CULVERT 3.638 mi.

PUUPEELUA AVENUE

* 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 — 2.438 — 22' AC
Shoulder: Width and Type: 6' AC
Median: Width and Type
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type

Number of Traffic Lanes: 2 - (11'-12') — 2.438 — 2 - 11'

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

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

Sidewalk: Width and Type (Right and Left): 6' C. S.W. — 0.080 — 1.007 — 6' C. S.W. — 1.169

Curb and/or Gutter: Type (Right and Left): C.C. 2C.G. — 0.080 — 6" CRM Ditch — 0.250 — 0.600 — 1.007 — 1.169 — C.C. 2C.G. — 2.607 — 2.907

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

Illumination: Type, Location and Number: 0.010 — 1 MV — 0.718 — 0.810 — 0.892 — 0.972 — 1.07 — 1.21 — 1 MV — 1.46 — 1 MV — 1.72 — 1 MV — 1.82 — 1 MV — 2.821 — 2.907 — 3.21 — 1 MV

Curves Class: +/- Degree (A(0-3.45) B(3.45-5.44) C(5.44-8.48) D(8.48-13.85) E(13.85-28.62) F(<28.62): (D) — 0.20 — A — 2.43 — 2.45 — (F) — A

Superelevation (Range)

Grades Class: +/- % (A(0-.45) B(.45-2.45) C(2.45-4.45) D(4.45-6.45) E(6.45-8.45) F(<8.45): B — 1.58 — C — 1.84 — B — 2.76 — C — 2.82 — A — 3.07 — C — 3.49 — A

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL (99999)

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

Speed: 1-Design, 2-Posted: (35 MPH (1)) — 0.004 — 35 MPH (2) — 0.857 — 0.965 — 20 MPH (2) — 1.262 — 1.318 — 35 MPH (2) — .551 — (35 MPH (1))

Intersection Control Devices: Type, Location and Cycle Timing

Traffic Stations (Current Year): B75 0480 00033 — B75 0480 00244

HPMS Sections - AADT 2022: 1,497 — 1,597

HPMS Sections - AADT 2021: 1,500 — 2.44 — 1,600 — 3.661

HPMS Sections - AADT 2020: 1,600 — 1,800

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 — 2.45

S-0480-(1) UNIT 1 1965 — 1.70 — S-0480(1), UNIT 2 1965 — 0+00 — 64+50 — S-1(2) 1947

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct. 04, G.N.	
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.

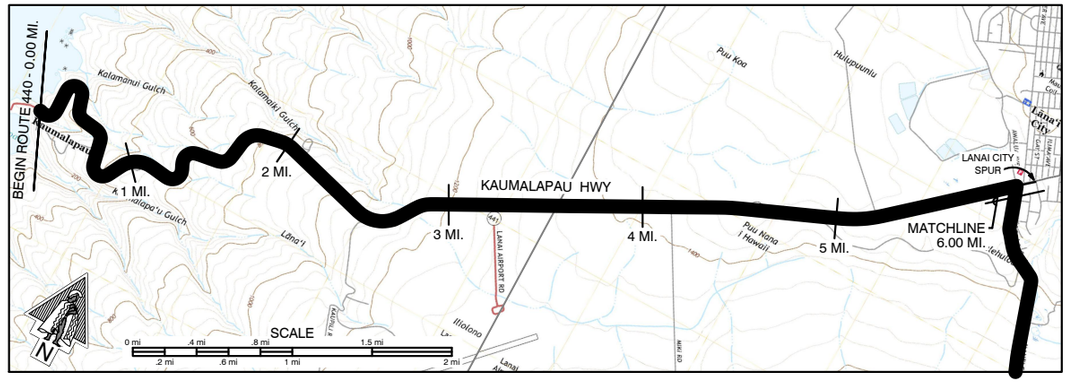
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

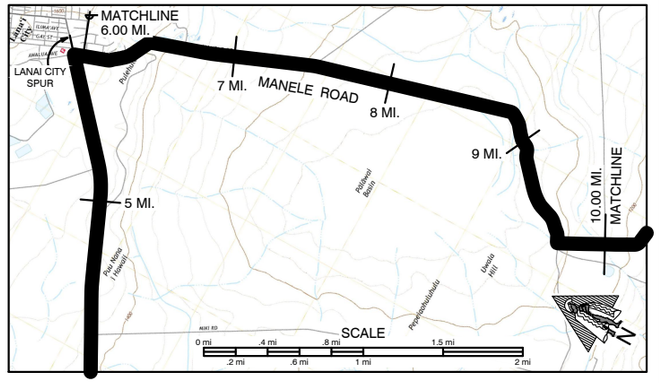
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* 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. (5.97) — Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy — 440B (7.21 mi.)

* Does not include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.-max.) if varies: 90' - 200' (1.80) — 80' - 130' (3.00) — 100' (5.20) — 80' - 150' (5.94) — 30'

Available Right of Way Width (Needs Study): Clear 1000' Pineapple Fields / Bushes, Small Trees 15' - 25' From Edge of Pavement (188+00, 9.55; 16+10)

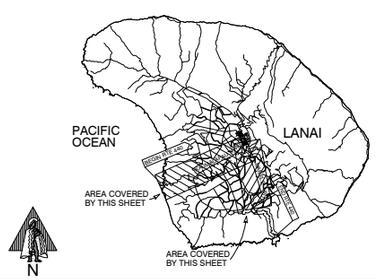
Right of Way Fence: Type - Right and Left: NONE — 440B-01-11M Repair and Maint.,2015 (10.03)

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:
- 440A-01-10M, PREV. MAINT., 2011 (0+00, 2.27)
- 440A-01-03M, Resurf, 2005 (117+00, 3.12)
- 440A-01-02M, (R) 2003 (161+00, 4.05)
- 440A-01-01M, (R), 2004 (207+00, 4.99)
- 440A-01-07M, Resurf., 2008 (259+00, 5.97)
- 440B-01-04M, Resurf., 2005 (310+60, 7.05)
- 440B - 02 - 98M, R, '99 (0+00, 7.98)
- (440B-01-04M, Resurf., 2005) (32+50, 8.69; 193+50, 9.55)

Project No., Type of Construction, and Year Constructed:
- (440A-01-99M Resurf, 2000) (0.03)
- HWY - M - 02 - 97M, Shldr. Paving, 1998 (4.05)
- 440A-01-96M, 1997 (4.99)
- STP - 0440(6) Resurf. Worksite #1 1996 (5.97)
- 440B 01 - 98M, 1999 (Resurf.) (7.05)
- STP-0440 (5), 1995 (Resurfacing & Improvements) (8.69; 9.74; 9.95)
- (440A-01-92M, (R), 1992) (10.03)



Road Diagram

* MPM=Milepost Marker

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.

"Begin State Hwy" Sign Milepost 0 (0.00 mi.) — Old Kaumalapau Hwy. — Culvert — Dirt Road (L) Paved Rd. (R) Begin Divided — Kaupili Road — Tractor Xing — End Divided — Culvert — Pineapple Road (R) Lanai Landfill (L) — Culvert — Pineapple Station Rd — Pineapple Station Rd — Pineapple Station Rd — Pineapple Station Rd — Pineapple Station Road — Pineapple Road — Tractor Xing — Culvert — Mill Road — Telem. Sta. — Road (L) — Road (R) — Dirt Road — Dirt Road — Inter. of Kaumalapau Hwy & Manele Road — Huna Wai Street — Bag Measured Mile — Palawai Road — End Measured Mile — Culvert — Milepost #9 — Culvert — Culvert — Paved Road (Re 440 Angle Pt.) — Culvert

KAUMALAPAU HIGHWAY — KAUMALAPAU HWY — MANELE RD. — MANELE ROAD

This diagram shows a 150' segment of 440 A Maintenance Control Section

0 MPM, 0.5 MPM, 1 MPM, 1.5 MPM, 2 MPM, 3 MPM, 4 MPM, 5 MPM, 6 MPM, 7 MPM, 8 MPM, 9 MPM, 10 MPM — 10.00mi.

0.004 mi., 0.520 mi., 0.660 mi., 0.987 mi., 1.500 mi., 1.994 mi., 2.257 mi., 2.393 mi., 2.568 mi., 2.852 mi., 2.990 mi., 3.124 mi., 3.225 mi., 3.397 mi., 3.707 mi., 3.866 mi., 3.969 mi., 4.159 mi., 4.234 mi., 4.616 mi., 4.825 mi., 4.977 mi., 5.213 mi., 5.560 mi., 5.867 mi., 5.946 mi., 6.023 mi., 7.001 mi., 7.538 mi., 7.519 mi., 7.965 mi., 8.538 mi., 8.819 mi., 9.068 mi., 9.377 mi., 9.700 mi., 9.826 mi., 9.963 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 — 6' GRV — 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 — 15' — 12' — 25' — 6' - 10' — 25' — 2' AC — 4' GRS/GRV — 6' — 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): 22' — 11' — 34' — 11' Ls

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

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

Curb and/or Gutter: Type (Right and Left): CONC. GUTTERS — 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

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) — 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 2022: 50 — 1,100 — 1,195

HPMS Sections - AADT 2021: 48 — 1,000 — 1,154

HPMS Sections - AADT 2020: 48 — 990 — 1,147

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 HWY - M - 02 - 97M, Shldr. Paving, 1998 — 3.41
- 2.20 440A-01-03M, Resurf, 2005 3.12
- 440A-01-99M, Resurf, 2000 — 2.35 — 440A-01-90M, Shldr. Paving, 1998
- 44A-02-88, Shldr.Imp, 1988 — 1.28 — 1.80 — 440A-01-90M, Shldr. Paving, '90 — 3.20 — 3.42 — 440A-01-96M, 1997 — 4.99
- RS-0440(2) Resurf. 1986 — 3.14 — 4.98 — STP-0440(6) Resurf. Worksite #1 1996 — 440B-01-88M (R) 1987 — 6.61
- 440A-01-78M Resurf. 1979 — 1.52 — (440-A-01-81M Imprv., 1981) — 3.06 — RS-0440(3) Resurf. 1987 — 5.97 — 6.20 — STP-0440(5) 1995 (Resurfacing & Improvements)
- 440A 02 81 Imprv. 1981 — 0.80 — 2.79 — 2.89 — 3.20 — 440A-01-73 Resurf. 1975 — STA. 310+73.91 — 5.94 — COUNTY
- S-0440(1) 1959, '60

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec. 02	T.S.

Revised	
Feb. 04	D.B.
Aug. 04	D.B.
Feb., 06	D.B.
Nov., 06	D.B.
Mar., 08	D.B.
Mar., 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.

ROAD INVENTORY
LANAI RTE 440
MANELE ROAD

LANAI RTE 441
AIRPORT ROAD

LANAI RTE 442
LANAI CITY SPUR

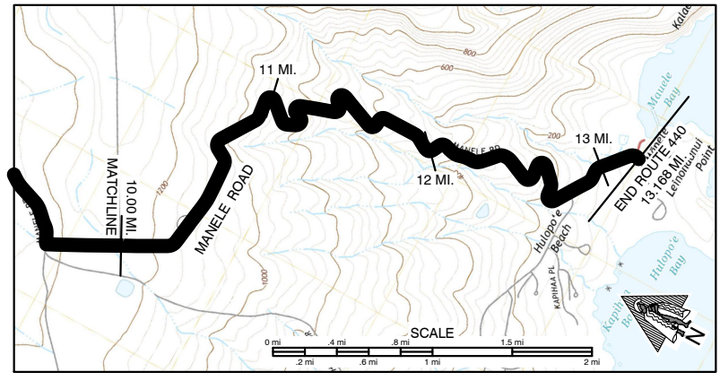
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

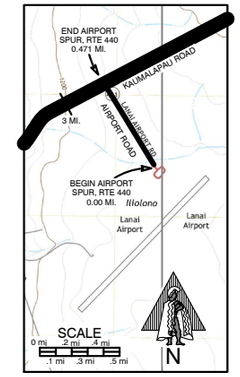
PREPARED BY THE HIGHWAYS PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



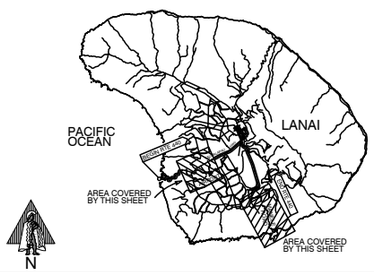


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description

440B (7.21 mi.) | End 440 B Same as End Route | Beg 440 A Same as Beg. Airport Road (Spur) | 440A (0.57 mi.) | End 440 A Same as End Airport Road (Spur)

Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.-max.) if varies		30' / 40'
Available Right of Way Width (Needs Study)		Clear 1000' Trees & Pineapple Fields 15'- 25' from edge of pavement / Clear 1000' Pineapple Fields 15' from edge of pavement
Right of Way Fence: Type - Right and Left		NONE / NONE
Control of Access: 1-None, 2-Partial, 3-Full		NONE / NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		State / STATE
Project No., Type of Construction, and Year Constructed		440B-01-11M Repair and Maint.,2015; 440B-01-04M, Resurf., 2005; (440B-01-11M Repair and Maint.,2015); (STP-0440(6) (Resurface)) / 440A-01-88M Resurf.
Project No., Type of Construction, and Year Constructed		440A-01-92M(R) 1992; (Worksite #2 1996) / 1987; (440A-01-07M Resurf., 2008)



Road Diagram
* MPM=Milepost Marker

CONT. FROM SHEET # 1

10.00 mi. — MANELE ROAD — 11 MPM — 12 MPM — 13 MPM

Culvert; Culvert; Culvert; Culvert; Hulopo'e Dr./ Manele Bay Hotel Culvert; End State Hwy' sign Road to Manele Small Boat Harbor'

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. 0.00 mi.

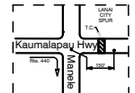
Culvert; ℄ Twin Box Culvert; Culvert — AIRPORT ROAD — Rte 441

END Lanai Airport Spur (RTE. 441) on Lanai Airport Road 28' south of south edge of pav't. of Kaumalapau Hwy. (RTE. 440) * 0.471 mi.

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

Rte 442

End Lanai City Spur - Rte 442 on Kaumalapau Hwy 150' Northeast of centerline with Manele Road * 0.026 mi.



* NOTE: ROUTE LENGTH ADJUSTED TO MATCH '15 VIDEOLOG

10.426 mi. 10.334 mi. 10.985 mi. 11.266 mi. 11.980 mi. 12.833 mi. 12.833 mi. 12.967 mi. 13.158 mi. 13.168 mi. 0.017 mi. 0.145 mi. 0.353 mi.

SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt; 6'; 2'; 1'-3'; 2'-4'; 6'-12'; All Gravel; 6'; 6'
	Pavement: Width and Type	(18'-20') AC; 20' AC; 20' AC; 24' AC
	Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt; 6'; 4'-8'; 2'; 6'; 2'-4'; 6'-12'; All Gravel; 4'; 3'
	Median: Width and Type	8'-10'; 2'-4' GRS/GRV; 8'-10' GRS/GRV
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2-(9'-10'); 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)		NONE; NONE; 5' Conc
Curb and/or Gutter: Type (Right and Left)		NONE; NONE
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted.)		M/M; M/M; 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; (F) 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 D E; A B C; B C
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		RURAL (99999); RURAL (99999); (RURAL (99999))
Terrain: 1-Flat, 2-Rolling, 3-Mountainous		FLAT (1) MOUNTAINOUS (3) FLAT (1); FLAT (1); (FLAT (1))
Speed: 1-Design, 2-Posted		35 MPH (1); 35 MPH (2); 25 MPH (2); 30 MPH (2); 30 MPH (1); (30 MPH (1)); 20 MPH (2); 25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Traffic Stations (Current Year)		B76 0440 00603; B76 0440 01284; B76 0441 00000; B76 0442 00000
HPMS Sections - AADT 2022		1,195; 528; 378; 2,191
HPMS Sections - AADT 2021		1,154; 510; 366; 2,116
HPMS Sections - AADT 2020		1,147; 507; 363; 2,103
DOD Sections		
Census Tracts		COUNTY
Functional Classification		MAJOR COLLECTOR (5); MAJOR COLLECTOR (5); (MAJOR COLLECTOR (5))
National Highway System (NHS)		NOT ON NHS (0); NOT ON NHS (0); (NOT ON NHS (0))
Previous Projects: Project No., Date and Limits		
		440A - 01 - 92M(R) 1992; S - 0440(1)
		440B - 01 - 82M(R) 1982; 440B - 01 - 83M(R) 1983; 1959

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec. 02	T.S.

Revised	
Feb. 04	D.B.
Aug 04	D.B.
Feb. 06	D.B.
Nov., 06	D.B.
Feb., 08	D.B.
Mar., 09	D.B.
Feb. 11	D.B.
Feb. 12	D.B.
Sept. 12	E.P.J.
Dec. 13	E.P.J.
July 14	D.B.
Jan 16	D.B.
Jan 17	D.B.
Feb. 18	D.B.
Nov. 18	D.B.
Jan 21	E.P.J.