STATE ROUTE SYSTEM

COUNTY OF MAUI

ISLAND OF MAUI

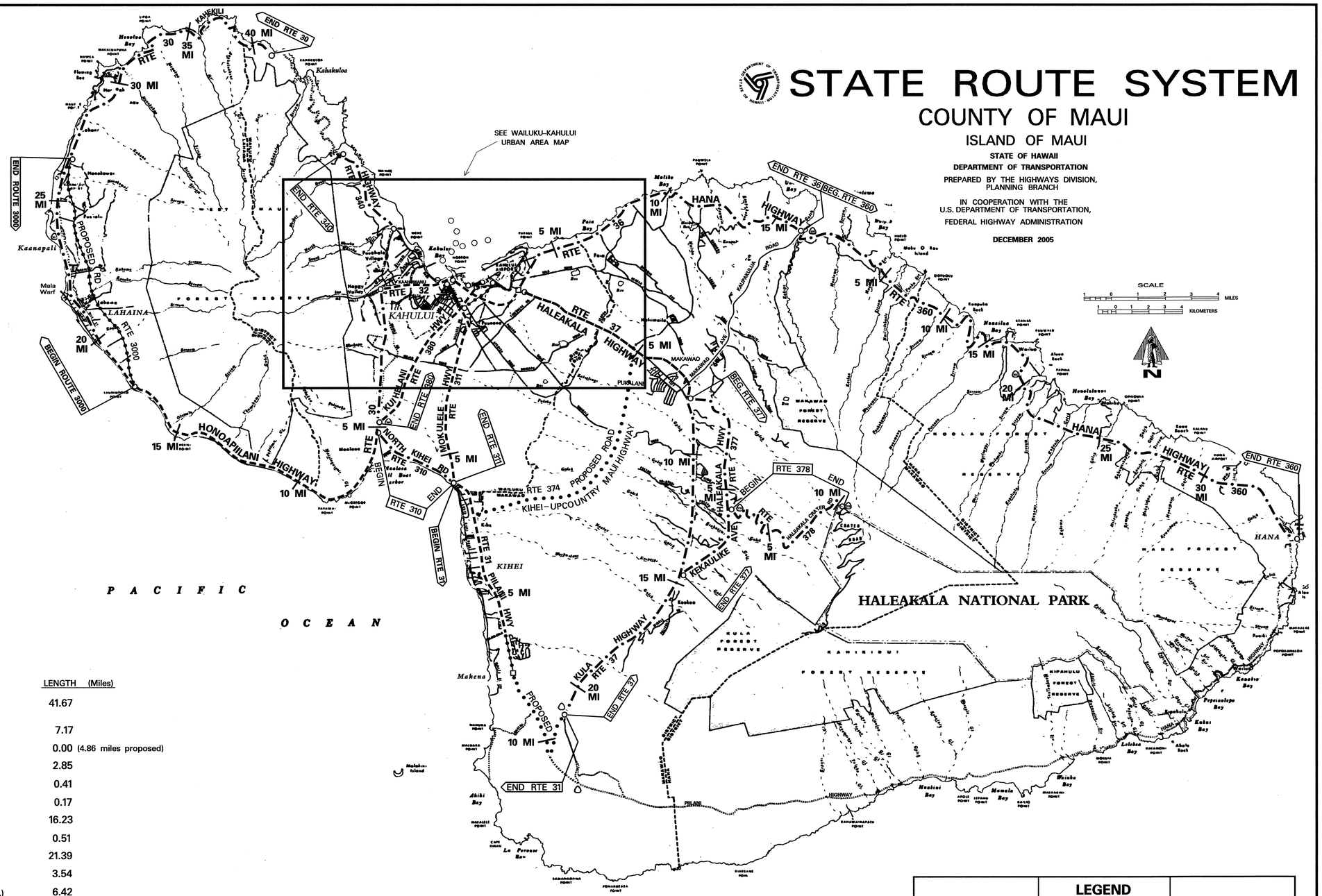
STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

PREPARED BY THE HIGHWAYS DIVISION,
PLANNING BRANCH

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

DECEMBER 2005



MAUI:

ROUTE		LENGTH (Miles)	
30	(High St., Honoapiilani Hwy., Kahekili Hwy.)	41.67	
31	(Piilani Hwy.)	7.17	
31	(Piilani Hwy. extension)	0.00	(4.86 miles proposed)
32	(Main St., Kaahumanu Ave.)	2.85	
32A	(Hobron St.)	0.41	
32B	(Wharf St.)	0.17	
36	(Hana Hwy.)	16.23	
36A	(Haleakala Hwy., Keolani Pl.)	0.51	
37	(Haleakala Hwy., Kula Hwy.)	21.39	
310	(North Kihei Rd.)	3.54	
311	(Puunene Ave. Mokulele Hwy.)	6.42	
340	(Kahekili Hwy.)	4.29	
360	(Hana Hwy., Keawa Pl.)	34.93	
377	(Haleakala Hwy., Kekaulike Ave.)	9.17	
378	(Haleakala Crater Rd.)	10.15	
380	(Dairy Road, Kuihelani Hwy.)	6.18	
3000	(Lahahina Bypass)	0.00	(8.95 miles proposed)
3400	(Kahului Beach Rd., Waiehu Beach Rd.)	2.62	
3500	(Puunene Ave.)	1.11	
3800	(Airport Access Extension)	0.00	(1.67 miles proposed)
	MAUI TOTAL =	**168.81**	

COUNTY OF MAUI:

	LENGTH (Miles)
MAUI	168.81
MOLOKAI	55.65
LANAI	13.68
TOTAL	**238.14**

LEGEND

- STATE (NHS)
- STATE (Non-NHS)
- PROPOSED
- PROPOSED (NHS)
- WATER (NHS)

o Route termini point

□ NHS to non-NHS transition point

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

STATE ROUTE SYSTEM

COUNTY OF MAUI

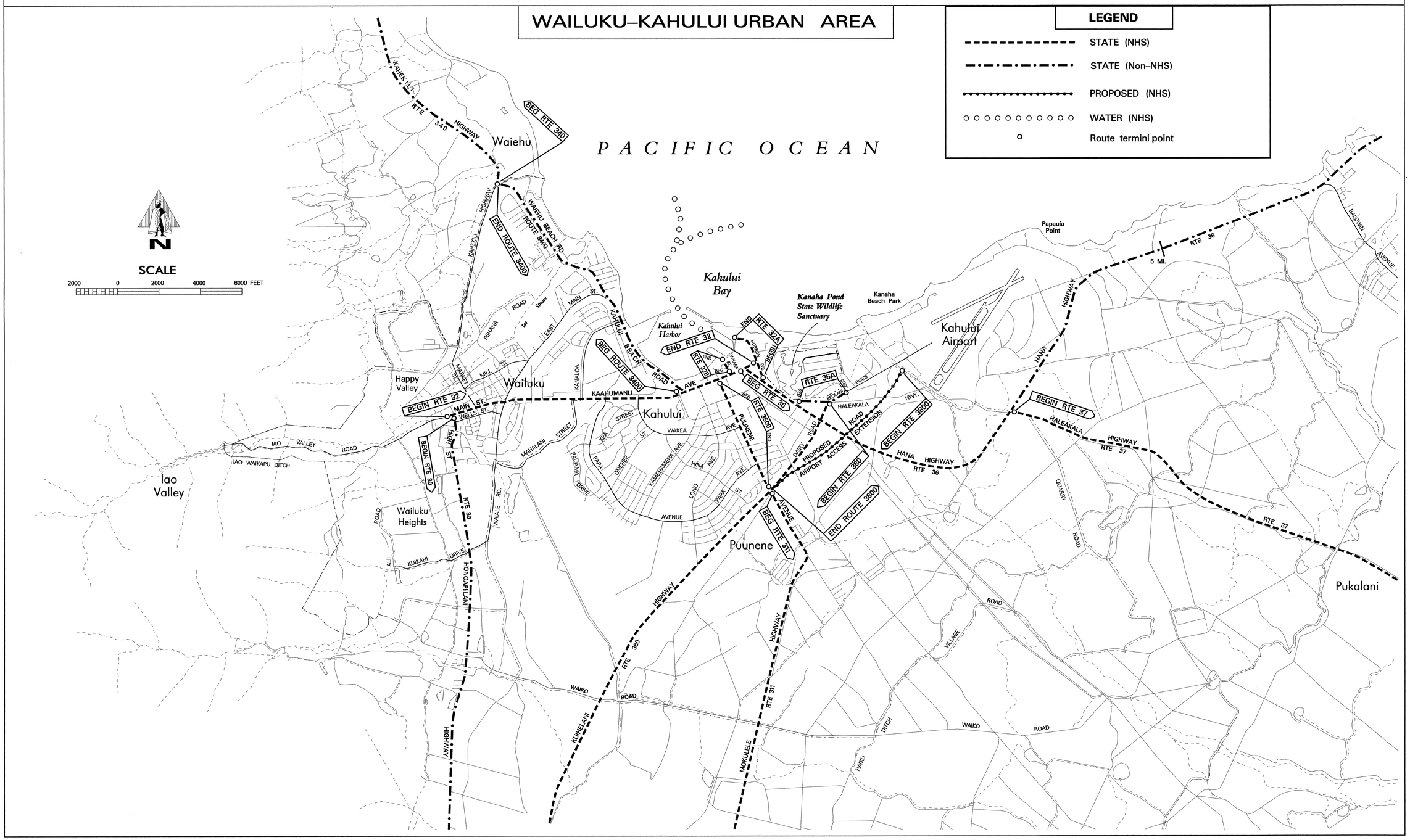
ISLAND OF MAUI

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 2005

WAILUKU–KAHULUI URBAN AREA



Date Released	
Dec. 2002	JK
Revised	
Jan. 04	DR

2

STATE ROUTE SYSTEM

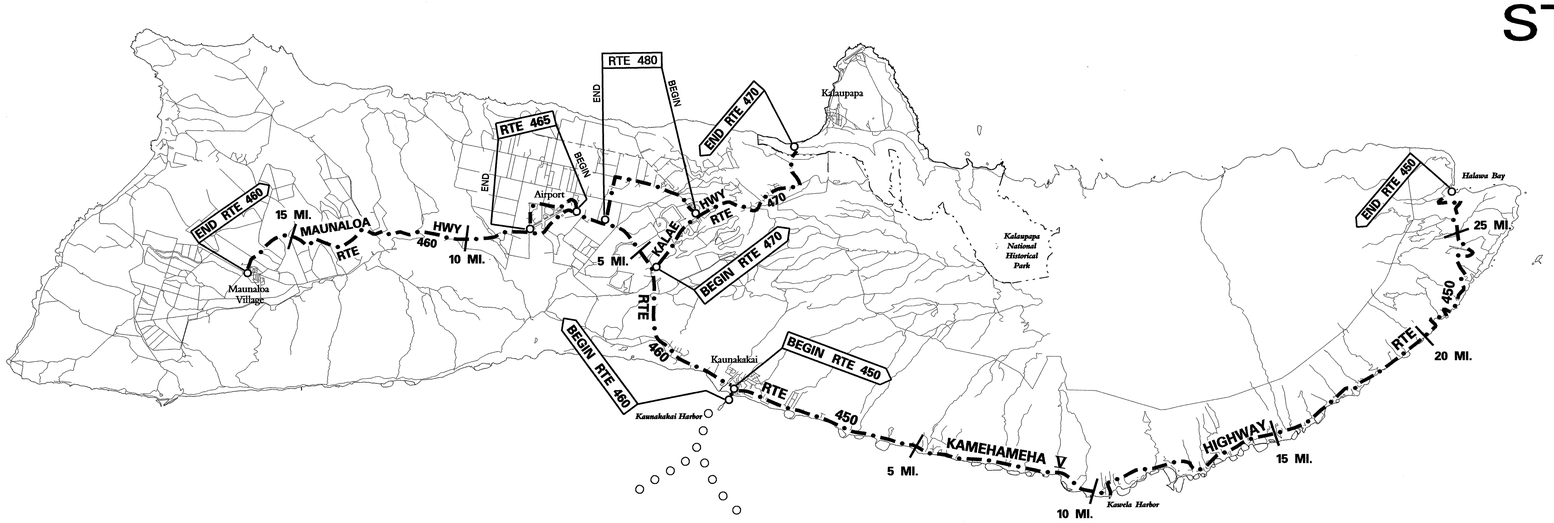
COUNTY OF MAUI

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 2005



KALOHI CHANNEL

PACIFIC OCEAN

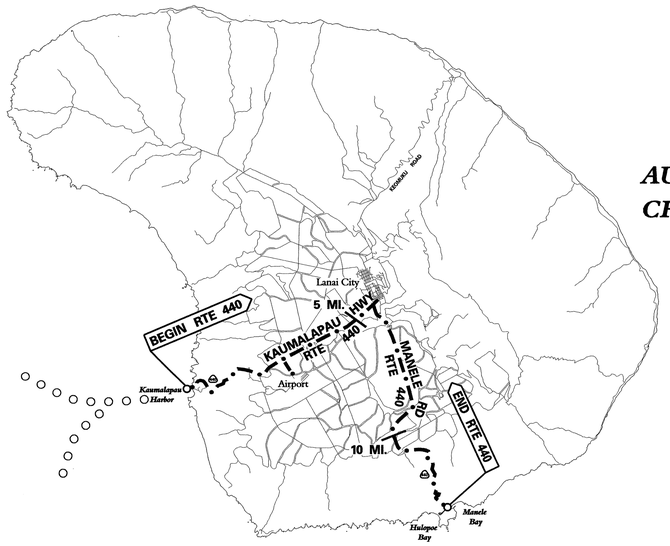
N

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 KILOMETERS

AUAU CHANNEL



ROUTE	LENGTH MILES)
MOLOKAI:	
450	27.51
460	16.56
465	2.13
470	5.79
480	3.66
MOLOKAI Total =	**55.65**

LANAI:		
440	**13.68**	(Includes Lanai City spur (0.03 mi.) and access road (0.47 mi.) to Lanai Airport

LEGEND

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

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

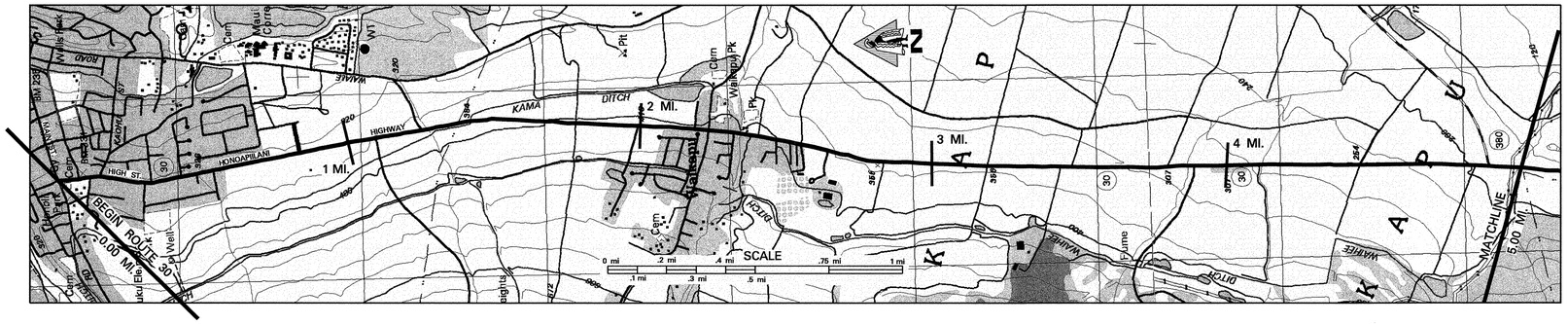
③

ROAD INVENTORY
MAUI RTE 30
HIGH ST. – HONOAPIILANI HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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



SCALE: (In Miles) 4" = 1 mile

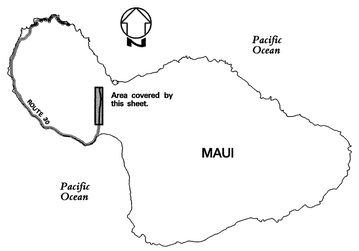
Maintenance Control Sections : Length and Description (END 30E ON HIGH ST. 40' SOUTH OF THE CENTERLINE INTERSECTION WITH MAIN STREET.)
30E (0.32MI.) | END 30D – BRGIN 30E ON HIGH STREET AT THE SOUTH E.P. OF KAHOOKELE ST. | 30 D (4.88MI.)

ADT Sections; ADT; Traffic Count and Truck Weight Stations
30 01 (0.53 MI.) | 30 02 (4.35 MI.) | 30 03 (0.32 MI.)

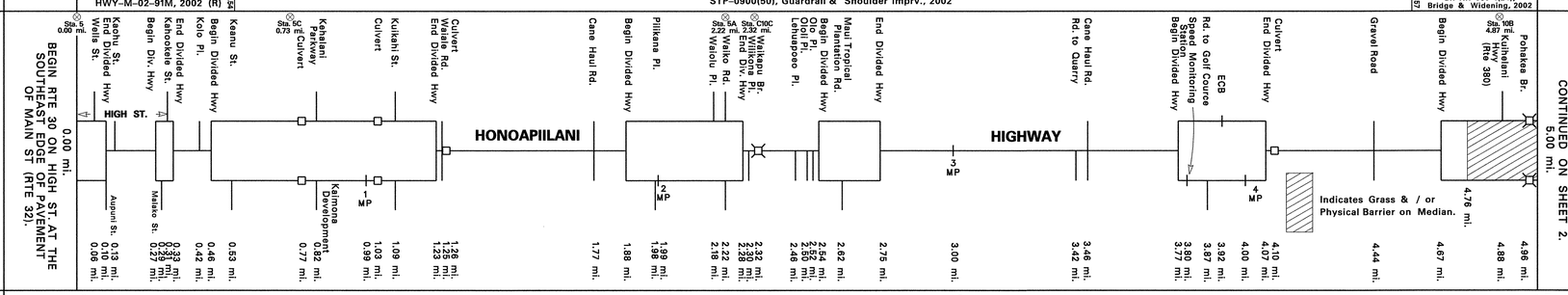
Structure Carrying Road
- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: SLAB, 1937, H–15 | 74' PRE–STRESSED CONC. GIRDER, HS–20–44, 2002
- **Vertical Clearance**: 39'
- **Horizontal Clearance**: 24' | 38' N.B. 36' S.B.

Structure Over Road
- **Vertical Clearance**
- **Horizontal Clearance**

Right of Way Width (min.–max.) if varies: 70' | 85' – 195'
Available Right of Way Width (Needs Study): Res. Area | 1000' Clear, Sugar Cane Field 15' from E.P. | Res. Area | 1000' Clear, Sugar Cane Field 25' from E.P.
Right of Way Fence: Type – Right and Left: Pipe Fence | Chain Link
Control of Access: 1–None, 2–Partial, 3–Full: Stone Wall | None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF. 2004
Project No., Type of Construction, and Year Constructed: HWY–M–02–91M, 2002 (R) | STP–0900(50), Guardrail & Shoulder Imprv., 2002 | BR–NH–030–1(24), Bridge & Widening, 2002



Road Diagram
* MP = Milepost Signage



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 | 12' AC | 24' AC | 36' AC | 12' AC | 24' AC
- **Shoulder: Width and Type**: 0 | 0 | 4'–6' AC | 0 | 4' AC/2' Grass | 0 | 6' AC | 0 | 6' AC | 0 | 6' AC | 0 | 6' AC | 0 | 4' AC
- **Median: Width and Type**: 0'–8' Paint | (0'–8' Paint) | 0'–12' Paint | 0'–12' Paint | 0'–12' Paint | 0'–12' Paint | (8' Paint) | 8'–18' Grass | (32' Grass) | (20' Grass)
- **Shoulder: Width and Type**: 0 | 0 | 0 | 0 | 0 | 0 | 4' AC
- **Pavement: Width and Type**: (14' AC) | (23' AC) | 12' AC | 12' AC | 12' AC | 12' AC | 24' AC
- **Shoulder: Width and Type**: 0 | 6' AC | 4' AC/2' Grass | 6' AC | 6' AC | 6' AC | 8' AC

Number of Traffic Lanes: 1–12' | (1–23') | 2–12' | 2–10' | 2–12' | 4–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 9' (L) Turn Lanes | 8' Parallel Parking | 12' Turn Lanes | 10' Turn Lanes | 12' Turn Lanes | 12' Turn Lanes | (Transition Lane 0–12') | 12' Turn Lane
(Right Side): 12' Turn Lanes | 12' Turn Lane
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left): 4' Conc. | 4' Conc. Sidewalks | 4' Conc. Sidewalk | 0.12' 4' Conc. S.W.
Curb and/or Gutter: Type (Right and Left): Conc. Curb | Conc. C. | AC Curb | 2' Conc. C & G | 2' Conc. C & G | Conc. Sidewalk | 2' Conc. Curb & Gutter | Conc. Curb & Gutter
Protective Devices: Type, Location and Number All Metal Rails on Metal Posts except where indicated.
Illumination: Type, Location and Number: MV | 14 HPS
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative: –1 | +1 | +3 | +3 | +3
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Urban | Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat
Speed: 1–Design, 2–Posted: 20 MPH (2) | 35 MPH (2) | 45 MPH (2) | 30 MPH (2) | 45 MPH (2) | 55 MPH (45 MPH Minimum) (2) | 45 MPH (Minimum 35 MPH) (2)
Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification: Principal Arterial
National Highway System (NHS): NHS
Previous Projects: Project No., Date and Limits
- STP–0900(50), GUARDRAIL AND SHOULDER IMPROVEMENTS
- HWY–M–02–91M, 1992 (R)
- 30D–01–82M (Resurface) 1982
- 30C–01–92 M (R) 1993
- (NH–030–1(25) R, 1996)
- (RSG–0380(8) Traffic Signals
- (30D–01–82M R, 1982)
- 30BC–01–70, 1970
- FAP–13G 1936
- County

HPMS: 0.29 | 0.34 | 0.46 | 0.89 | 0.92 | 1.98 | 1.23

SCALE: (In Miles) 4" = 1 mile

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

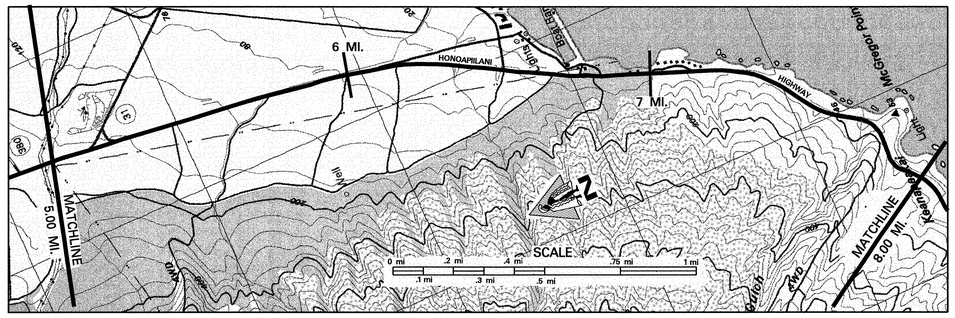
ROAD INVENTORY

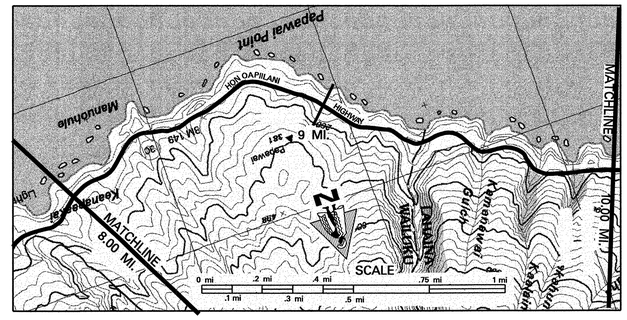
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

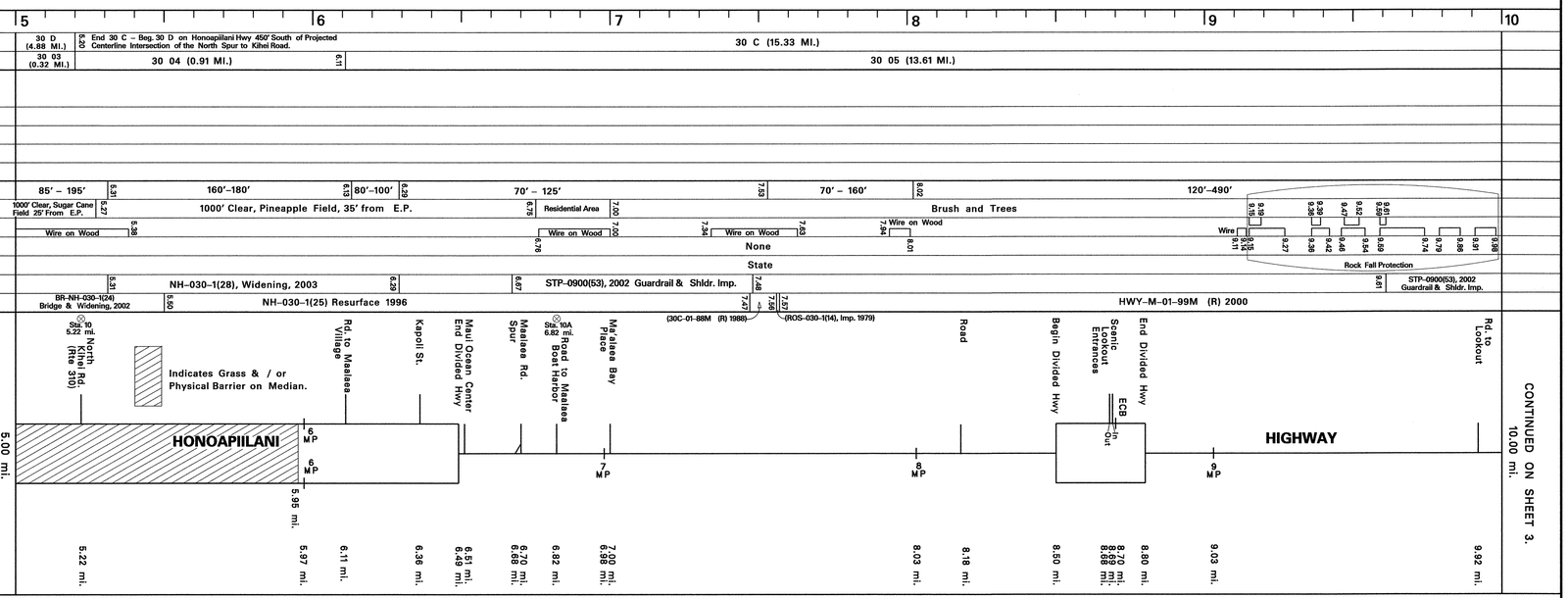
Total Route Length: 41.67 miles
a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*

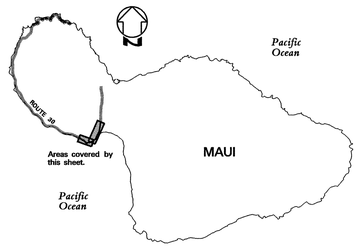




SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
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
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed

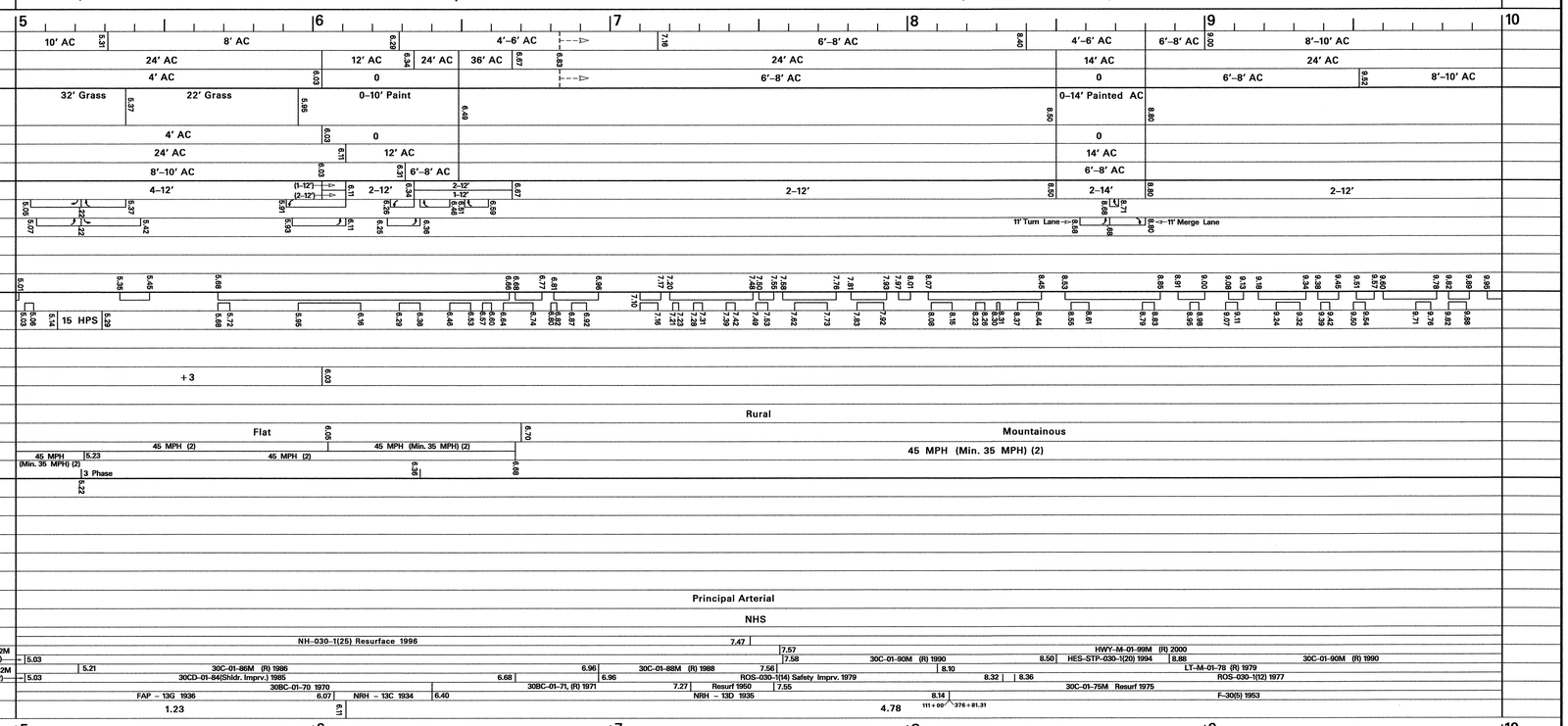




Road Diagram
* MP = Milepost Signage

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
Divided Highway — Undivided — Pavement: Width and Type
Divided Highway — Undivided — Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
Divided Highway — Median: Width and Type
Divided Highway — Shoulder: Width and Type
Divided Highway — Pavement: Width and Type
Divided Highway — Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)
Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side) (All 12' TLs.)
(Right Side) (All 12' TLs.)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number (All Metal on Metal except where indicated)
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits
HPMS



SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
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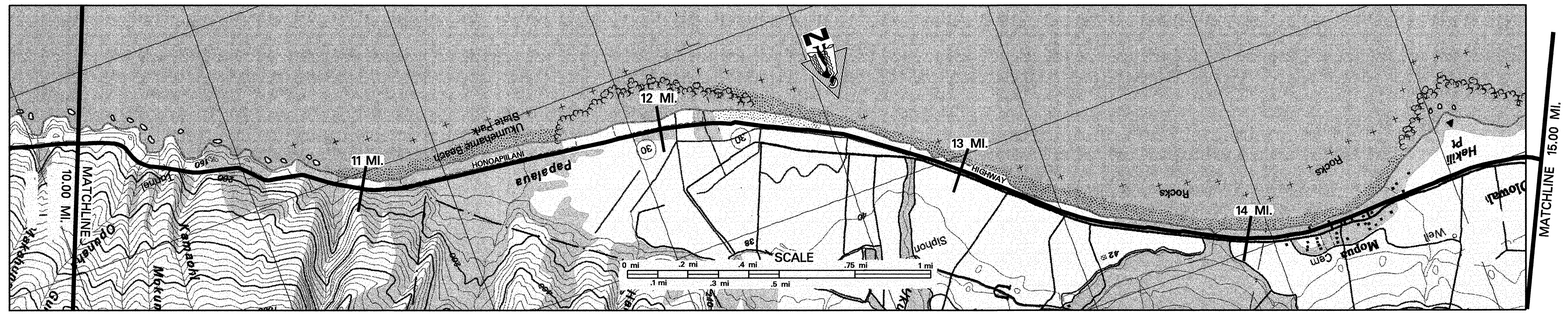
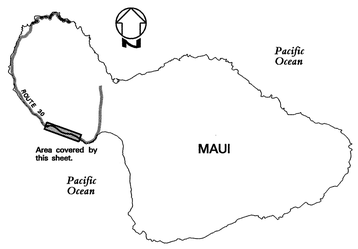


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	30 C (15.33 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	30 05 (13.61 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Tunnel 1950 (10.34); RC, Flat Slab H20, 1950 (12.82)
Structure Carrying Road – Vertical Clearance	35'
Structure Carrying Road – Horizontal Clearance	44'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	(120'–490') (10.03); 80'–345'
Available Right of Way Width (Needs Study)	Brush & Trees; (R) Clear – 40' Canefield (L) Beach (13.93); Trees & Bushes; Canefield 1000' Clear – 40' from E.P. (14.61)
Right of Way Fence: Type – Right and Left	Rock Fall Protection (10.09–10.48); Wire (11.72–11.79)
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	STP-0900(53) 2002 Guardrail & Shldr. Imp. (10.27–10.40); STP-0900(53), Guardrail & Shoulder Improvements, 2002
Project No., Type of Construction, and Year Constructed	(STP-0900(52) Bikeway Imp., 2002); HWY-M-01-99M (R), 2000 (10.48–11.66); 30C-01-90M, (R), 1990 (13.81–14.65); HES-STP-030-1(19)



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 2.

10.00 mi. ECB 10 MP; Begin Tunnel (10.33 mi.); End Tunnel (10.39 mi.); ECB 11 MP (10.83 mi.); Sta. 118 11.46 mi.; Ukumehame Firing Range (11.71 mi.); Culvert (11.84 mi.); Ent. to Parking Lot Ukumehame Park (11.98 mi.); ECB 12 MP (11.96 mi.); Ukumehame Br. (12.82 mi.); ECB 13 MP (12.98 mi.); ECB 14 MP (13.97 mi.); Paved Road (14.29 mi.); Paved Road (14.39 mi.); Paved Road (14.46 mi.); Paved Road (14.53 mi.); Begin Divided Hwy (14.80 mi.); 15 MP (15.00 mi.)

HONOAPIILANI HIGHWAY

CONTINUED ON SHEET 4.

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 (10.34); 18'–20' AC (10.83); 8' AC (11.19); 10' AC (11.37); 4' AC (11.71); 6' AC (11.98); 4' AC/ 6' Grs (14.62)
Pavement: Width and Type	15' PCC) (10.39–10.86); 24' AC; 12' AC
Shoulder: Width and Type (Combination Shldr./Bike Route from 6.83mi. to 20.23mi.)	6'–8' AC (10.33–10.39); 8'–10' AC (10.86); 6' AC (11.50); 0
Median: Width and Type	0'–10' Painted (14.80)
Shoulder: Width and Type	0
Pavement: Width and Type	12' AC
Shoulder: Width and Type (Combination Shldr./BikeRoute from 6.83mi. to 20.23mi.)	6' AC
Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	(14.62–15.04)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts except where otherwise indicated. x=Conc. Barrier)	Concrete Guardrail – Type 4K
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	+1 (13.16–13.36); –1 (13.61–13.93); +1 (14.36–14.81)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous (10.33–10.83); Flat
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	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	(NH-030-1(25), (R) 1996) 10.31–10.43; HWY-M-01-99M (R), 2000; 30C-01-90M, (R) 1990; 30AC-01-87M (R) 1988; STP-030-1(21) (R) 1994; LT-M-01-78 (R) 1979; ROS-030-1(12) 1977; ROS-030-1(14) 1979 Safety Imprv.; 30C-01-75M (R) 1975; 30C-01-78 (Guardrail & Shldr.) 1981; (30C-01-78, GR/Shldr., 1981); F-30(5) 1951; F-30(3) 1950; 30C-02-72 (R) 1972; 30C-01-78 G.R. & Shldr., 1981; (F-30(5) 1953) 10.06 275+00
HPMS	4.78; 2.93; 5.86

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH
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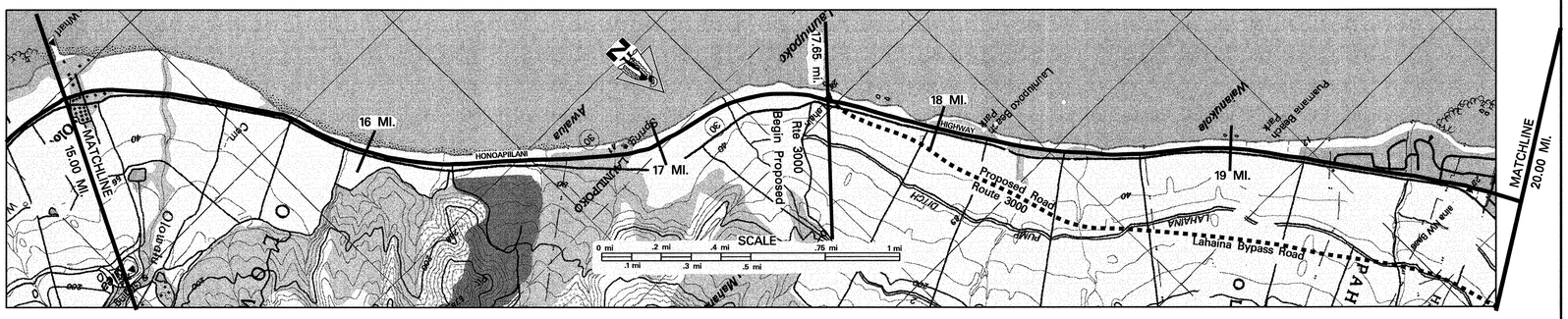
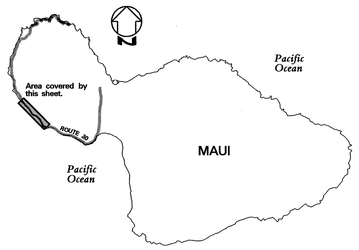
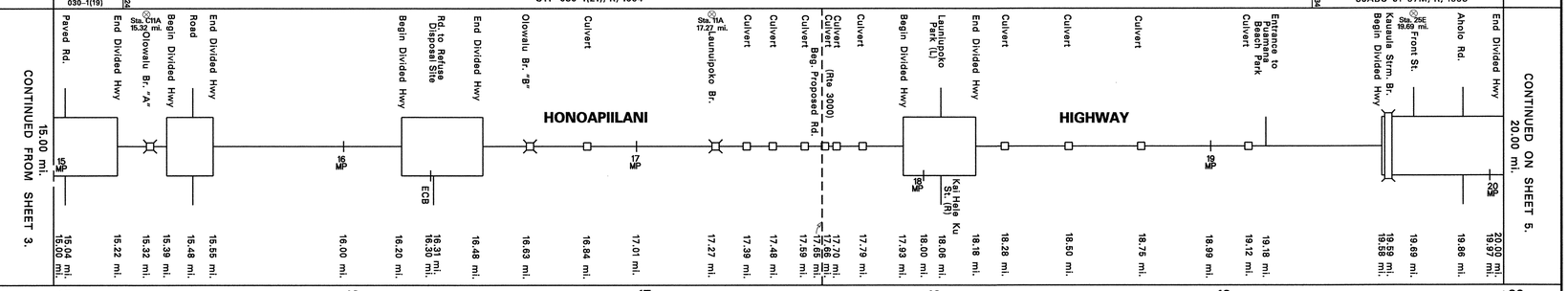


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	30 C (15.33 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	30 05 (13.61 MI) · 15.72 30 06 (0.81 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC, Flat Slab H15, 1938 62' (15.31) · RC Flat Slab, 1938, H15 26' (16.62) · RC Flat Slab, 1938, H15 42' (17.28) · Conc. Slab, 1971, HS 20 27' (19.69)
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	24' · 24' · 24' · 44'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'–345' (15.24) · 70'–80' (17.94) · 76'–280'
Available Right of Way Width (Needs Study)	Canefield 1000' Clear – 40' from E.P. (16.13) · Trees & Heavy Bushes (18.03) · (R) 1000' Clear Cane Field, 50' from E.P. (L) Beaches & Residential Area
Right of Way Fence: Type – Right and Left	(18.36) 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	STP-0900(53), Guardrail & Shoulder Improvements, 2002 · (19.14) · (19.37) (STP-0900(53) G.R./Shldr., 2002)
Project No., Type of Construction, and Year Constructed	HES-STP-030-1(19) (15.24) · STP-030-1(21), R, 1994 · (19.34) 30ABC-01-97M, R, 1998



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83mi. to 20.23mi.)	4' AC/10' Grass · (15.18) 6' AC · 8' AC · 6' AC (15.85) · 10' AC · 8' AC (17.87) · 6' AC (18.42) · 8' AC (19.17) · 4'–6' AC (19.46) · 8' AC
Pavement: Width and Type	12' AC · 24' AC · 12' AC · 24' AC · 12' AC · 24' AC · 12' AC · 24' AC (19.46) · 12' AC
Shoulder: Width and Type (Combination Shldr/Bikelane from 6.83mi. to 20.23mi.)	0 · 6'–8' AC · 0 · 6'–8' AC · 0 · 6'–8' AC · 0 · 4' AC/10' Dirt (18.78) · 6' AC (19.22) · 5' AC/10' Dirt · 6'–8' AC · 0
Divided Highway – Median: Width and Type	0–10' Painted · (16.22) (15.39) · 0'–3' Painted AC · (15.83) (16.20) · 0–11' Painted · (16.48) (17.93) · 10' Paint · (18.18) (19.68) (20.00) · 10' Paint
Median Barriers:	
Shoulder: Width and Type	0 · 0 · 0 · 0 · 0
Pavement: Width and Type	12' AC · 12' AC · 12' AC · 12' AC · 12' AC
Shoulder: Width and Type	6'–8' AC · 10'–12' AC · 6'–8' AC · 6'–8' AC · 6'–8' AC
Number of Traffic Lanes	2–12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	11' T.L. (16.30) (16.37) · (18.03) (18.13) · 10' T.L.s (19.63)
(Right Side)	(14.92) · (15.04) 10' T.L.s (15.15) · (15.46) (15.63) 10' T.L.s (15.85) (15.96) · (18.01) (18.13) · (19.53) (19.68) (19.82) (19.86)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise indicated. x = Conc. Barrier)	(15.34) (15.69) (15.78) (15.40) (15.86) (15.91) (16.22) (16.34) (16.41) (16.53) (16.63) (16.76) (16.81) (16.89) x (17.00) (17.19) (17.25) (17.40) (17.82) (18.19) x (18.32) (18.38) (18.47) (18.64) (18.69) (19.10) Wood (19.51) (19.63)
Illumination: Type, Location and Number	(15.04) (15.11) (15.47) (15.51) (16.20) (16.30) (16.51) (16.61) (16.76) (16.89) (17.18) (17.68) (18.31) (18.40) (18.61) (19.50) (19.55)
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	(15.47) +1 (15.74) · (16.63) +2 (16.87) · (17.00) −1 (17.23) · (17.74) +2 (18.01) · (19.21) −1 (19.69)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural · (19.60) Urban
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	(15.27) Flat (16.20)
Speed: 1–Design, 2–Posted	35 MPH (2) · 45 MPH (2) · 45 MPH (Minimum35) (2) (15.15) · 45 MPH (Min. 35 MPH) (2) · 45 MPH (2) (16.39) · 35 MPH (2) (18.07) · 35 MPH (2) · 45 MPH (2) (18.18) · 35 MPH (2) (19.55)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS · (19.40) NHS diverted to bypass @ 19.49 mi. (Proposed Lahaina Bypass is all NHS)
Previous Projects: Project No., Date and Limits	
	STP-030-(21) (R) 1994 · (19.34) · (19.60) 30-BC-01-87M (R) 1987
	(15.15) (30C-01-78 GR &Shldr, 1981) · (15.33) 30C-01-82M (R) 1982 · 30C-02-72 Resurface 1972 · (16.20) · 30C-02-90 (GR & Shldr), 1991 · (16.83) · (17.91) 30C-01-85M (R) 1995 · 30BC-02-86 Improvements, 1987 · (19.49) F-30(1) 1957 · F-30(1) 1957 · F-30-1(1) 1956
	F-30(3) 1950 (15.27) 0 + 00 – 136 + 50 · F-30(4) 1951 · (17.84) 0 + 00 – 235 + 90.71
HPMS	5.86 · (19.69) 0.82

SCALE: (In Miles) 4" = 1 mile

Date Released
Aug 2003, D.B.

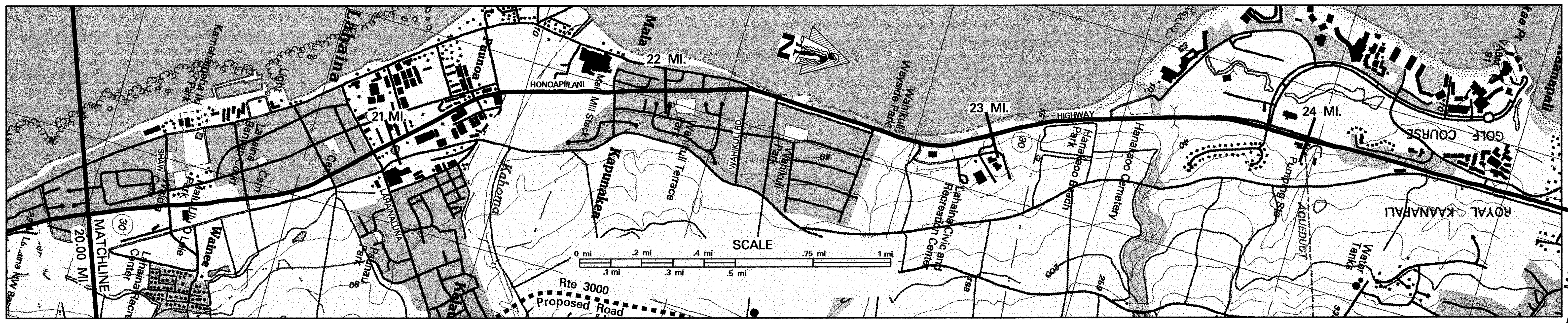
Revised	
Aug 04	D.B.
Mar. 05	D.B.

ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI HWY

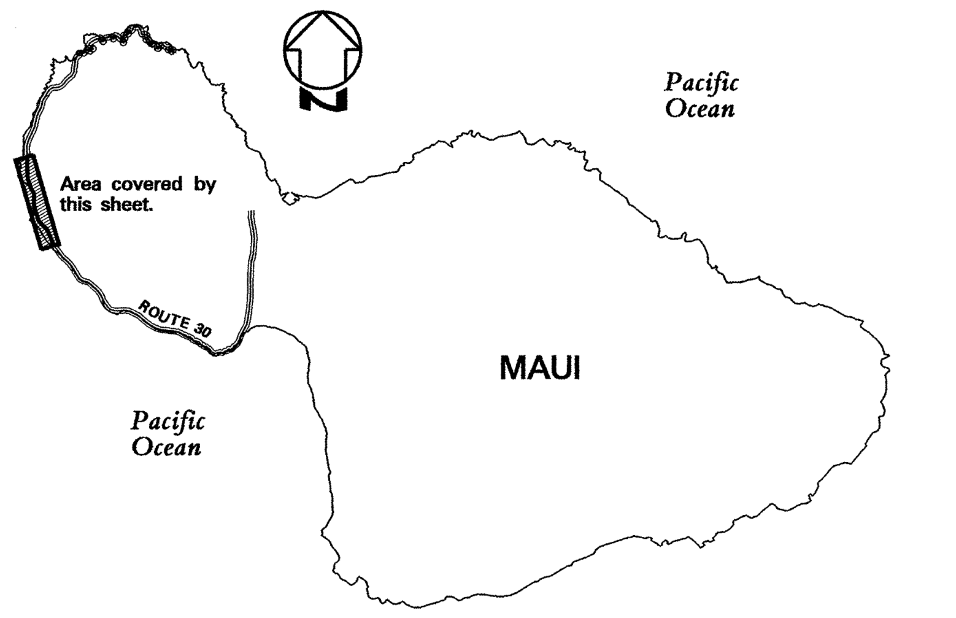
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

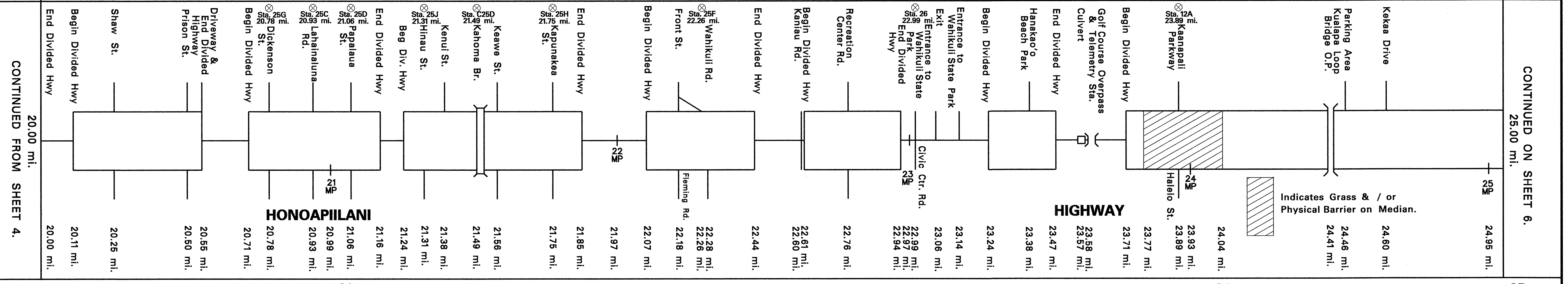
Total Route Length: 41.67 miles
a. Survey Length: 41.67 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



Item	MP 20.00 – 25.00 (SCALE: (In Miles) 4" = 1 mile)
Maintenance Control Sections : Length and Description	30 C (15.33 MI.); 20.53 End 30 B, Beg 30 C on Honoapiilani Hwy at the centerline intersection with Prison St.; 30 B (1.75 MI.); End 30 A, Beg 30 B on Honoapiilani Hwy at the centerline intersection with Wahikuli Rd. 22.28; 30 A (13.59 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	30 06 (0.81 MI.); 30 07 (0.43 MI.) 20.96; 30 08 (0.13 MI.) 21.09; 30 09 (0.69 MI.) 21.78; 30 10 (0.43 MI.) 22.21; 30 11 (1.71 MI.) 23.92; 30 12 (1.28 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC Twin Box Culvert, 1957 H 20 – 44' (21.48); Tee Beam 1969 (23.58); Pre Stressed Concrete Girder HS-20-44, 1969,1999 – 45'-4" (24.41)
Structure Carrying Road – Vertical Clearance	21.48; 23.58; 24.41
Structure Carrying Road – Horizontal Clearance	44'
Structure Over Road – Vertical Clearance	16.8'; 16.5'
Structure Over Road – Horizontal Clearance	47'; 74'
Right of Way Width (min.–max.) if varies	76'–280' 22.40 80'–190'
Available Right of Way Width (Needs Study)	(R) 1000' Clear Cane Field, 50' from E.P. (L) Beach & Residential Area 20.82 Residential 21.30 21.40 Clear Canefield 21.80 Residential 22.70 Brush & Trees 23.62 Residential/Recreation
Right of Way Fence: Type – Right and Left	Various 20.24; Chain Link 20.49; 20.80 20.86; 20.81 Various 21.04; 21.20 Chain Link; 21.89 Various 22.00; 24.21 Rock Fall Protection 24.55
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	20.78 (STP-030-1(29), Inter. Impr. @ Dickenson St., 1999)
Project No., Type of Construction, and Year Constructed	30ABC-01-97M, R, 1998 23.90 STP-030-1(31) (Resurf & Widen) 1999



Road Diagram
* MP=Milepost Signage



Item	MP 20.00 – 25.00 (SCALE: (In Miles) 4" = 1 mile)
Undivided – Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	← 20.23 8' AC; 20.72; 20.80 →; 4'–6' AC
Undivided – Pavement: Width and Type	24' AC; 12' AC 20.55; 22' AC; 22' AC; 44' AC; 22' AC 21.38; 21' AC 21.78; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC; 44' AC; 22' AC
Undivided – Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	8'–10' AC; 0; 8'–10' AC; (11' AC); 0; 6'–8' AC; 0; 6'–8' AC; 0; 6'–8' AC; 0; 6'–8' AC; 0; 6'–8' AC; (0'–10' Painted Median); 0
Divided – Median: Width and Type	10' Paint; 0–10' Paint; 0–12' Paint; 0–11' Paint; 0–11' Paint; 0–11' Paint; 4'–15' Painted AC
Divided – Median Barriers:	20.11; 20.55; 20.71; 21.16; 21.24; 21.85; 22.07; 22.44; 22.61; 22.94; 23.24; 23.47; 23.71; 23.77; 23.91; 24.02; 24.04; (10'–38' Grass (Raised)); (10'–38' Grass (Flush)); (10'–38' Grass (Raised))
Divided – Shoulder: Width and Type	0; 0; 0; 0; 0; 0; 0
Divided – Pavement: Width and Type	12' AC; 11' AC 20.87; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC; 22' AC
Divided – Shoulder: Width and Type (Combination Shldr/Bike Route from 6.83mi. to 20.23mi., 20.80mi. to 31.20mi.)	← 20.23 8'–10' AC; 8'–10' AC 20.80 →; 20.90 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC; 6'–8' AC
Number of Traffic Lanes	2–12' 20.55; 1–11' .72 2–11'; 1–11'; 20.87 4–11' 21.38; 1–10', 1–11'; 2–11' 21.78; 4–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	20.25 20.32; 20.59 .63 .72; 20.78; 20.84 .88; 21.01 21.12; 21.31 21.36; 21.65; 21.75 21.79 11' (L) T.L.; 22.18 11' (L) T.L. 22.34; 11' T.L. 22.76 22.82; 1–11' (L) T.L. 23.38 1–11' Accel. Ln.; 23.89 23.98 11' (R) T.L.; 24.42 24.46 24.52
Auxiliary Lanes and Parking Lanes (Right Side)	20.18; 20.45 20.50; 20.74; 20.87 20.93 20.99; 21.06; 21.48 21.58 .52; 21.71; 11' (L) T.L. 22.14; 22.25 22.28 11' T.L.; 22.70 11' T.L.; 23.31 23.43; 23.69 2 (L) T.L.s @ 11' ea; 24.50 11' T.L.s 24.60
Frontage Road: No. of Lanes, and Width (Right and Left)	20.78; 4'–6' AC Bikeway (L) & (R); 23.89
Sidewalk: Width and Type (Right and Left)	24.12 4' Concrete Gutter .57
Curb and/or Gutter: Type (Right and Left)	21.11; 21.31; 21.40 21.42 21.44 21.47; 21.69; 22.11; 22.15; 22.29; 22.38; 22.81; 22.89; 22.91; 23.07; 23.27; 23.32; 23.53; 23.90; .16 4' Concrete Gutter 24.93
Protective Devices: Type, Location and Number (All Metal Rails on Metal Posts unless otherwise noted. x=Conc. Barrier)	20.73 20.80; 21.09 x; x; x; x; x; x (Conc. Retaining Wall); x; 23.76; 24.10; 24.35 24.43; 24.50 24.52; 24.65 .74 .78; x; x
Illumination: Type, Location and Number	2 250W HPS 20.78; 20.89 20.92; 21.36 21.43; 21.58 21.65; 21.70 21.76 21.87; 21.96 22.08; 22.11 22.16; 22.44 22.49; 22.57 22.61 22.65; 22.71 22.79; 23.05 23.10; 23.44 23.49 23.50 23.51 23.55 23.56; 23.90 24.04; 28 250W HPS @ Intersections from 23.90mi. to 26.11mi.
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	20.10 +1 20.51; 21.60 +2 21.98; 22.35 –1 22.78; 22.97 –1 23.12; 24.67 +2
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Urban 23.59 Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat
Speed: 1–Design, 2–Posted	35 MPH (2) 20.44 20.48 40 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	20.25 3 Phase; 3 Phase 20.78; 4 Phase 20.93; 21.06 3 Phase; 21.31 3 Phase; 3 Phase 21.58; 21.75 3 Phase; 22.18 3 Phase; 22.76 3 Phase; Traffic Lights 23.89
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Principal Arterial
National Highway System (NHS)	NHS diverted to bypass @ 19.40mi. (Proposed Lahaina Bypass is all NHS)
Previous Projects: Project No., Date and Limits	30AB-02-87 Widen, 1989 24.01; 24.03 30A-01-96M (R) 1997 20.81 30AB-01-86M 1986 23.92; 30AB-02-85 1985 24.51; 30AC-01-87M & 30A-01-87,1987 30BC-01-87M (R) 1987 20.95; 21.27 ← 21.41 –(30B-01-85 Traffic Signal 1985) 30BC-02-86 Improvements, 1987; 30AB-02-85 Shldr. & Guardrails 1985 22.21; 30AB-01-82 Shldr. & Guardrails 1982 23.92; 30AB-02-85 Shldr./Guardrails 1985 F-30(1) 1957 20.81; 30AB-01-78M (R) 1978 22.07; 30AB-01-79M 1979 22.41; 30AB-01-78M (R) 1978 F-30-1(1) 1956 22.30; S-0300(1) 1958
HPMS	0.82 20.50; 0.48 20.98; 0.08 21.08; 1.12 22.18; 0+86.12 0+00; 1.41 23.59; 0.30 23.89; 1.27

Date Released
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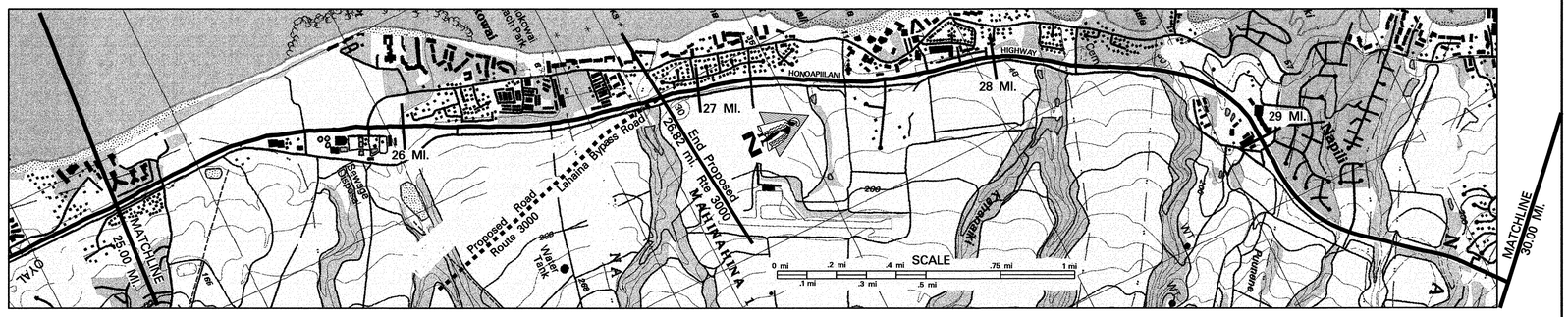
ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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



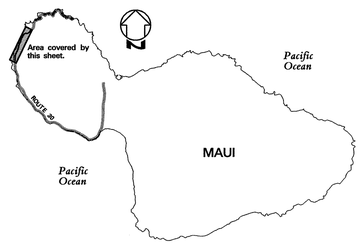
SCALE: (In Miles) 4" = 1 mile

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

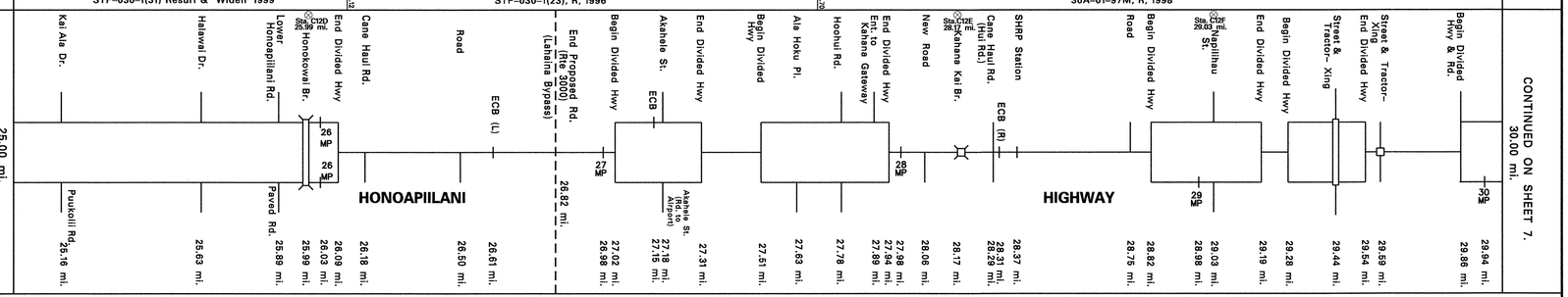
ADT Sections; ADT; Traffic Count and Truck Weight Stations: (30 12 (1.28 MI.)) | 30 13 (2.57 MI.) | 30 14 (1.24 MI.) | 30 15 (2.01 MI.)

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

Right of Way Width (min.-max.) if varies: 80'-190' | 150' | 75' | 45'-190' | 90' | 140'-210' | 230'-320' | 300'-400'
Available Right of Way Width (Needs Study): Resedential/Recreation — Clear – Canefield 15' from E.P. | Residential
Right of Way Fence: Type – Right and Left: Chain Link
Control of Access: 1-None, 2-Partial, 3-Full: None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed: STP-030-1(31) Resurf & Widen 1999 | STP-030-1(23), R, 1996 | 30A-01-97M, R, 1998



Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 4'-6' AC | 8'-10' AC | 10'-12' AC | (8' AC)
Pavement: Width and Type: 22' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 24' AC | 12' AC | 36' AC | 12' AC
Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 0 | 8'-10' AC | 10' AC | 0 | 10' AC | 0 | 10' AC | 0 | 10' AC | 0 | 10' AC | 0
Median: Width and Type: 0-15' Painted AC | 10' Painted AC | 12' Painted AC | 10' Painted AC | 12' Painted AC | (12' Painted AC)
Median Barriers:
Shoulder: Width and Type: 0 | 0 | 0 | 0 | 0 | 0
Pavement: Width and Type: 22' AC | 12' AC | 12' AC | 12' AC | 12' AC | 12' AC | 24' AC | 24' AC
Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi.): 6'-8' AC | 10' AC | 10' AC | 10' AC | 10' AC | 10' AC

Number of Traffic Lanes: 4-11' | 2-12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 2-11' | 1-12' | 1-12' | All 12' T.L.s | 1-12' | 1-12', 1-12' Truck Ln.
(Right Side): 11' T.L. | 11' T.L. | 11' T.L. | 12' Climbing Lanes
Frontage Road: No. of Lanes, and Width (Right and Left): Frontage Road (R) 2-12' with Bike Route (not Lane) (L) & (R)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left): 4' Conc. G. | 4' Conc. Gutter | 4' Conc. Gutter | 4'-6' Conc. Gutter | 4' Conc. Gutter | 4' Conc. Gutter | 4' C. G. | 4' Conc. Gutter | 4' C. G. | 4' Conc. Gutter
Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts unless otherwise noted. x = Conc. Barrier
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative: +2
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: Rural
Terrain: 1-Flat, 2-Rolling, 3-Mountainous: Flat | Rolling
Speed: 1-Design, 2-Posted: 40 MPH (2) | 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing: 3 Phase | 3 Phase | 3 Phase | 4 Phase | 3 Phase
Sight Distance: Minimum Passing PSD-
Minimum Stopping SSD-
Pavement Striping: No Passing Zones
Capacity: Service Volume-E
DOD Sections
Census Tracts
Functional Classification: Principal Arterial | Minor Arterial | Major Collector
National Highway System (NHS): NHS diverted to bypass (Proposed Lahaina Bypass is all NHS).
Previous Projects: Project No., Date and Limits: 30A-01-96M (R) 1997 | 30AC-01-87M & 30A-01-87, 1987 | 30AB-01-78M Resurf 1978 | S-0300(1) 1958 | STP-030-1(23) Resurf 1996 | RF-030-1(7) New Construction, 1977 | F-030-1(13) New Construction, 1981 | F-030-1(8) New Construction 1984

HPMS: 1.27 | 0.72 | 1.74 | 0.15 | 1.24 | 0.41 | 0.63

SCALE: (In Miles) 4" = 1 mile

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HONOAPIILANI HWY

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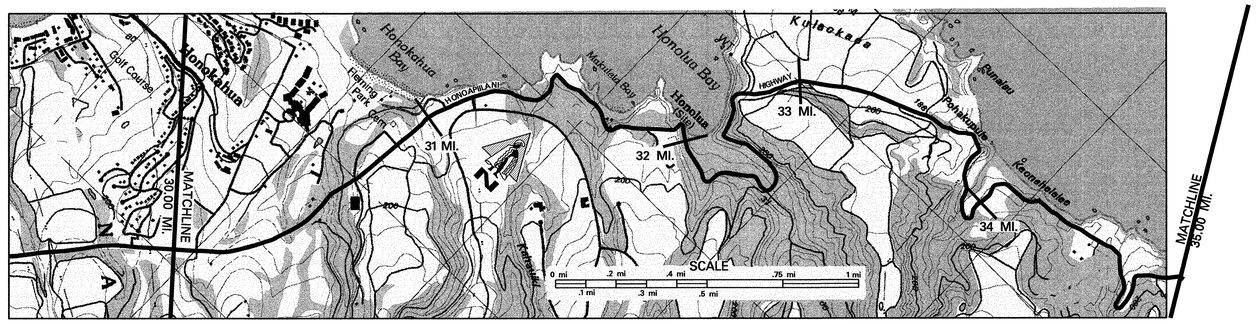


SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations: 30 15 (2.01 MI.) 31.03 30 16 (10.65 MI.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Prestressed I-Beam HS-20-44 1986 (30.05–30.65) 604'; S.S. Conc. Slab H-10 1924 (32.40–32.64) 24'

Vertical Clearance: 52'; 17'

Horizontal Clearance

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies: (300'-400') 30.05; 40'

Available Right of Way Width (Needs Study): Residential; 31.35; 30.66–31.61 Chain Link; Heavy Brush, Trees & Rocks; 32.07; 1000' Clear Pineapple Fields 15' form E.P.; 33.25; Heavy Brush & Rock; 34.01–34.97 Wire on Wood

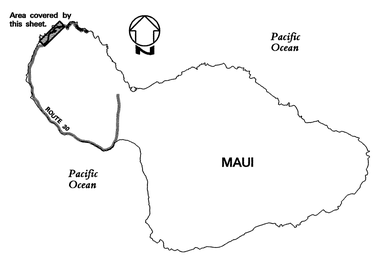
Right of Way Fence: Type – Right and Left: 31.70–31.76; 34.43–34.47

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

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



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 6. — 30.00 mi.

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

HONOAPIILANI — HIGHWAY

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

CONTINUED ON SHEET 8. — 35.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows): (24' AC) 30.13; 8' AC; 8' PCC; 8' AC; 10' AC; 2' AC; 32.80; 4' AC; 33.28; 2' AC/4' Grs; 33.69; 2' AC; 34.33; 2' AC/4' Grs; 34.54; 2' AC

Pavement: Width and Type: 12' AC; 30.13; 36' AC; 30.67; 36' PCC; 30.69; 36' AC; 30.82; 24' AC; 12' AC; 31.20; 20' AC

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows): 0; 10' AC; 8' PCC; 8' AC; 0; (8' AC); 2' AC

Median: Width and Type: 12' Painted AC; 12' Painted AC; 31.34; 31.21

Median Barriers: 30.38; 30.93

Shoulder: Width and Type: 0; 0

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

Shoulder: Width and Type (Combination Shldr./Bike Route to 31.20 mi. – see arrows): 10' AC; 30.03; 30.13; 8' AC

Number of Traffic Lanes: (1-12') (1-12', 1-12' T.L.) 1-12', 1-12' Truck Lane; 30.67; 1-12'; 2-12'; 31.21; 2-10'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 12' Climbing Lanes; 30.67; 30.84; 12' T.L.; 30.84; 30.93; 12' T.L.; 30.93; 31.05; 12' T.L.; 31.05; 31.14; 10' T.Ls; 31.14; 31.21; 12' T.L.

(Right Side): 30.03; 30.07; 12' T.L.; 30.84; 30.93; 12' T.L.; 30.93; 31.05; 8' T.L.; 31.05; 31.14; 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): AC Curb; 30.67; 30.67; 30.67; 30.82; 31.07; Curb; 31.21; 32.21; 32.30; 32.36; 33.69; 34.03; 34.23; 34.03; 34.03; 34.07; 34.07; 34.87; 34.87

4' Conc. Gutter

Protective Devices: Type, Location and Number — All Guardrails Metal Rails on Metal Posts except where otherwise noted. x = Conc. Barrier: 30.33; 30.46 | .47 x .66 | x; 30.31; 30.41; 30.46; 30.67; 30.69; 30.78; 30.87; 31.42; 31.47; 31.52; 31.69; 31.71; 31.82; 32.03; 32.11; 32.30; 32.36; 32.76; 33.07; 33.18; 33.55; 33.81; 33.89; 33.98; 34.03; 34.23; 34.44; 34.63; 34.63; 34.81

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Rolling; 30.98; 31.23; Mountainous; 32.69; Flat; Rolling; 33.49; Mountainous

Speed: 1–Design, 2–Posted: 45 MPH (2); 45 MPH (2); 30 MPH (2); 35 MPH (2); 25 MPH (2); 31.35; 25 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 30.98; 30.98

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits: (F-030-1(8) 1984 New Construction) 30.05; F-030-1(18) 1986 New Construction; 31.19; A 300-01-66 (R) 1963

HPMS: 0.63; 30.05; 0.77; 30.82; 10.83

SCALE: (In Miles) 4" = 1 mile

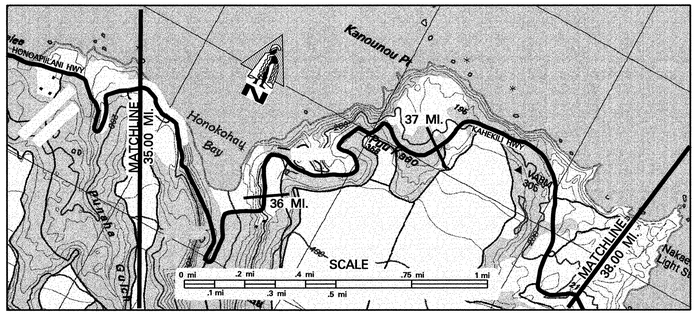
Date Released	
Aug 2003,	D.B.
Revised	
Aug 04	D.B.
Mar. 05	D.B.

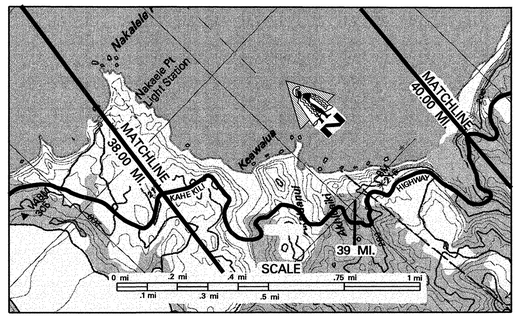
ROAD INVENTORY
MAUI RTE 30
HONOAPIILANI HWY – KAHEKILI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

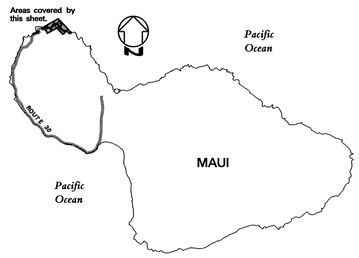
Total Route Length: 41.67 miles
a. **Survey Length:** 41.67 miles
b. **Proposed Length:** 0.00 miles
c. **Other Length:** * 0.00 miles
*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	30 A (13.59 MI.) — Begin 30 A at the West End of Honokohau Bridge (35.87)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Concrete Girder 1924 (1966) HS–20 (35.87–37.26): 76'; Timber Stringer 1924 H–10 (38.36–39.48): 22'
Structure Carrying Road — Vertical Clearance	35.87–37.26; 38.36–39.48
Structure Carrying Road — Horizontal Clearance	26'; 13'
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)	
Right of Way Fence: Type – Right and Left	Chain on Wood (35.87–36.03, 36.03–36.08); Wire on Wood (37.45–38.35)
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	
Project No., Type of Construction, and Year Constructed	30A–01–91M (R) 1992 (35.87); 340D–01–93M (R) 1994 (37.26); 30A–01–95M (Resurface) 1996



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET 7. (35.00 mi.)

HONOAPIILANI HWY — KAHEKILI HIGHWAY

Honokohau Valley Rd. (35.51 mi.); Honokohau Br. (35.68 mi.); Road (35.88 mi.); Cattle Guard (36.22 mi.); Nakalele Point Light Station (36.52 mi.); Culvert (37.52 mi.); Bridge (Anakaluahine Stream) (38.36 mi.); Culvert (39.04 mi.); Cattle Guard & Kaanapali Area Sign Management (39.18 mi.); Culvert (39.64 mi.)

Waluku – Lahaina District Boundry (39.25 mi.)

36 MP; 37 MP; 38 MP; 39 MP

CONTINUED ON SHEET 9. (40.00 mi.)

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type	2' AC (35.87–37.43); 8'–10' Dirt (37.43–38.10); 2' AC (38.10–39.03); 2' AC/6' Grav. (39.03–39.35); 2' AC (39.35–40)
Divided Highway — Undivided — Pavement: Width and Type	20' AC (35.87–37.26); 18'–20' AC (37.26–38.03); 20' AC (38.03–40)
Divided Highway — Undivided — Shoulder: Width and Type	2' AC (35.87–37.26); 2' AC/6' Dirt (37.26–38.03); 2' AC (38.03–40)
Divided Highway — Median: Width and Type	
Divided Highway — Median Barriers:	
Divided Highway — Shoulder: Width and Type	
Divided Highway — Pavement: Width and Type	
Divided Highway — Shoulder: Width and Type	
Number of Traffic Lanes	2–10' (35.87); 2–(9'–10') (37.26); 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)	AC Curb (35.24–35.57); 3'-5' AC Gutter (36.03–36.44); 3'-6' AC Gutters (38.24–38.36)
Protective Devices: Type, Location and Number (All Guardrails Metal Rails on Metal Posts except where otherwise noted. x = Conc. Barrier)	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	–7 (36.76–36.90); –10 (38.16–38.36); –9 (38.47–38.67); +8 (38.67–39.06); –8 (39.06–39.48)
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous
Speed: 1–Design, 2–Posted	25 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Major Collector
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	340D–01–93M (R) 1994 (35.87–39.73); 330C–03–70 1970 (39.31–40); A 300–01–66 (R) 1968 (35.57–35.87); 340A–02–72, 1976 (County)
HPMS	10.83

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

MAUI RTE 30
KAHEKILI HWY

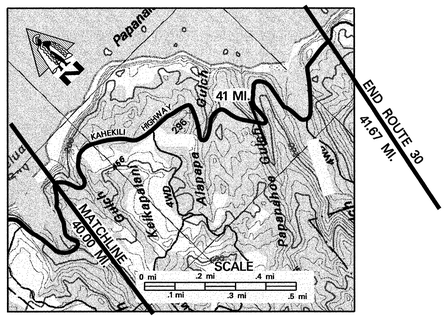
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

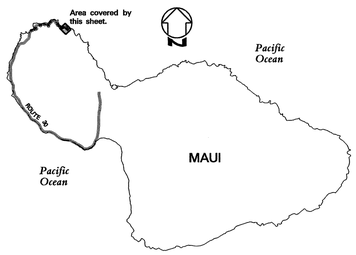
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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

*



	SCALE: (In Miles) 4" = 1 mile	40 – 41 – 42 – 43 – 44 – 45
	Maintenance Control Sections : Length and Description	
	ADT Sections; ADT; Traffic Count and Truck Weight Stations	30 16 (10.65 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Timber Stringer 1927 H-10
	Vertical Clearance	25' | 4.31
	Horizontal Clearance	18' |
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
	Right of Way Width (min.–max.) if varies	40'
	Available Right of Way Width (Needs Study)	
	Right of Way Fence: Type – Right and Left	
	Control of Access: 1–None, 2–Partial, 3–Full	None
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
	Project No., Type of Construction, and Year Constructed	
	Project No., Type of Construction, and Year Constructed	30A-01-95M (Resurface) 1996



Road Diagram
* MP = Milepost Signage

40.00 mi.
CONTINUED FROM SHEET 8.

Culvert — 40.19 mi.; 40.36 mi.

KAHEKILI HIGHWAY

41 MP

Bridge (Papanahoa Strm.) — 41.33 mi.; 41.32 mi.

42 MP

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

	SCALE: (In Miles) 4" = 1 mile	40 – 41 – 42 – 43 – 44 – 45
Divided Highway – Undivided	Shoulder: Width and Type	2' AC
	Pavement: Width and Type	20' AC
	Shoulder: Width and Type	2' AC
Divided Highway	Median: Width and Type	
	Median Barriers:	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
	Number of Traffic Lanes	2–10'
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
	(Right Side)	
	Frontage Road: No. of Lanes, and Width (Right and Left)	
	Sidewalk: Width and Type (Right and Left)	
	Curb and/or Gutter: Type (Right and Left) — All 3'-5' AC Gutters	40.00 41.16 41.20 41.10
	Protective Devices: Type, Location and Number — All Metal Rails on Metal Posts.	40.55 40.53 40.89 40.90 40.80 41.34 41.43
	Illumination: Type, Location and Number	40.00 40.01 41.16 41.15
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	
	Grades: % Grade, Positive or Negative	40.55 –8 40.82 40.87 –8 40.95 41.11 –12 41.29
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	Rural
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Mountainous
	Speed: 1–Design, 2–Posted	25 MPH (2)
	Intersection Control Devices: Type, Location and Cycle Timing	
	Sight Distance: Minimum Passing PSD–	
	Minimum Stopping SSD–	
	Pavement Striping: No Passing Zones	
	Capacity: Service Volume–E	
	DOD Sections	
	Census Tracts	
	Functional Classification	Major Collector
	National Highway System (NHS)	
	Previous Projects: Project No., Date and Limits	
		340A-02-72, 1976
		County
	HPMS	10.83 — 41.65
	SCALE: (In Miles) 4" = 1 mile	40 – 41 – 42 – 43 – 44 – 45

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

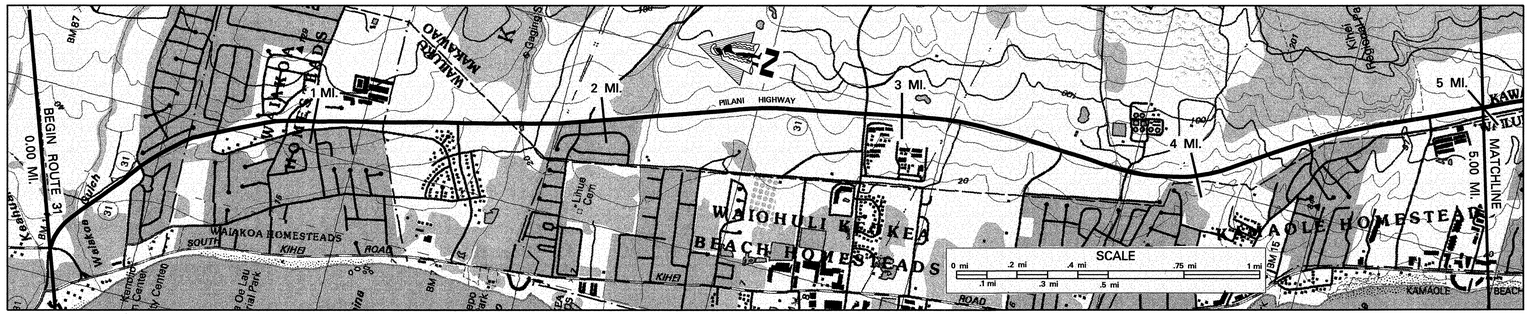
ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 12.03 miles
a. Survey Length: 7.17 miles
b. Proposed Length: 4.86 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description

ADT Sections; ADT; Traffic Count and Truck Weight Stations: 31 01 (2.83 MI) | 31 02 (3.10 MI)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: PRESTRESSED I-BEAM 1981 (0.14, 150', 1.68, 150') — PRESTRESSED I-BEAM 1981 (2.11, 130', 3.39, 49')

Vertical Clearance

Horizontal Clearance: 48' | 48' | 48' | 48'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

Available Right of Way Width (Needs Study): 0.14, 0.93, 0.69, 1.12

Right of Way Fence: Type – Right and Left: CHAINLINK

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): S T A T E

Project No., Type of Construction, and Year Constructed: 31AB-01-02, WIDENING, 2003

Project No., Type of Construction, and Year Constructed: STP-031-1(8) RESURFACING 1996

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

BEGIN ROUTE 31 ON PIILANI HIGHWAY AT THE NORTHWEST EDGE (Near side) OF PAVEMENT OF MOKULELE HWY (RTE 310)

0.00 mi. Mokulele Hwy. — 0.01 mi. End Divided — 0.14 mi. Begin Divided — 0.15 mi. Waiakoa Gulch Bridge — 0.23 mi. End Divided

PIILANI

0.41 mi. Uwapo Rd — 0.41 mi. Kawailhine St — 0.49 mi. 4 MP — 0.68 mi. Moi Place — 0.93 mi. Ohukai Road — 1.08 mi. End Divided — 1.37 mi. Begin Divided — 1.37 mi. Kaonoulu Street — 1.45 mi. 5 MP — 1.48 mi. End Divided — 1.67 mi. Kulanihakoi Gulch Bridge — 1.80 mi. Begin Divided — 1.80 mi. Kulanihakoi Road — 1.89 mi. End Divided — 2.05 mi. E C B — 2.10 mi. Waipuilani Gulch Bridge — 2.11 mi. End Divided — 2.27 mi. E. Waipuilani Rd. — 2.42 mi. Begin Divided — 2.49 mi. 6 MP — 2.62 mi. Piikea Avenue

HIGHWAY

2.83 mi. Lipoa Pkwy — 2.83 mi. Lipoa St. — 2.98 mi. End Divided — 3.34 mi. Keokea Gulch Bridge — 3.38 mi. 7 MP — 3.42 mi. Begin Divided — 3.48 mi. Welakahao Rd — 3.71 mi. Old Welakahao Rd — 3.88 mi. End Divided — 4.24 mi. Begin Divided — 4.33 mi. Kanani Rd — 4.37 mi. 8 MP — 4.49 mi. End Divided — 4.62 mi. Begin Divided — 4.73 mi. Alanui Ke Alii Dr. — 4.93 mi. End Divided

CONTINUE ON SHEET #2.
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

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

Pavement: Width and Type: 11' 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 | 44' AC | 22' AC | 44' AC

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

Divided — Median: Width and Type: 8' GRS w/ Raise Curb | 0.14 | 0.23 | 6' PAINT | 0.49 | 0' – 11' PAINT | 1.08 | 1.37 | 0' – 12' Painted AC | 1.67 | 1.80 | 0' – 12' Painted AC | 2.05 | 2.49 | 0' – 12' Painted AC | 2.98 | 3.42 | 0' – 12' Painted AC | 3.88 | 4.24 | 0' – 12' Painted AC | 4.49 | 4.62 | 0' – 12' Painted AC | 4.93

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

Pavement: Width and Type: 22' 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): 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: 2-11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (1-11') 0.09; (2-11') 0.41; (1-12') 0.07; (1-12') 0.10; 11' TLs

(Right Side): 0.06; 11' TLs

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

Sidewalk: Width and Type (Right and Left): 0.95; 3.01; 3.08; 3.86; 4.01

Curb and/or Gutter: Type (Right and Left): 0.13 CONCRETE GUTTER

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

Illumination: Type, Location and Number: 0.93

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: U R B A N

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD-

Minimum Stopping SSD-

Pavement Striping: No Passing Zones

Capacity: Service Volume-E

DOD Sections

Census Tracts

Functional Classification: PRINCIPAL ARTERIAL

National Highway System (NHS): N H S

Previous Projects: Project No., Date and Limits: 31B-01-94, 1994

TQF-RF-031-1(6) 1981 | TQF-RF-031-1(6) 1981

HPMS: 2.83 | 3.10

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 12.03 miles
a. Survey Length: 7.17 miles
b. Proposed Length: 4.86 miles
c. Other Length: * 0.00 miles
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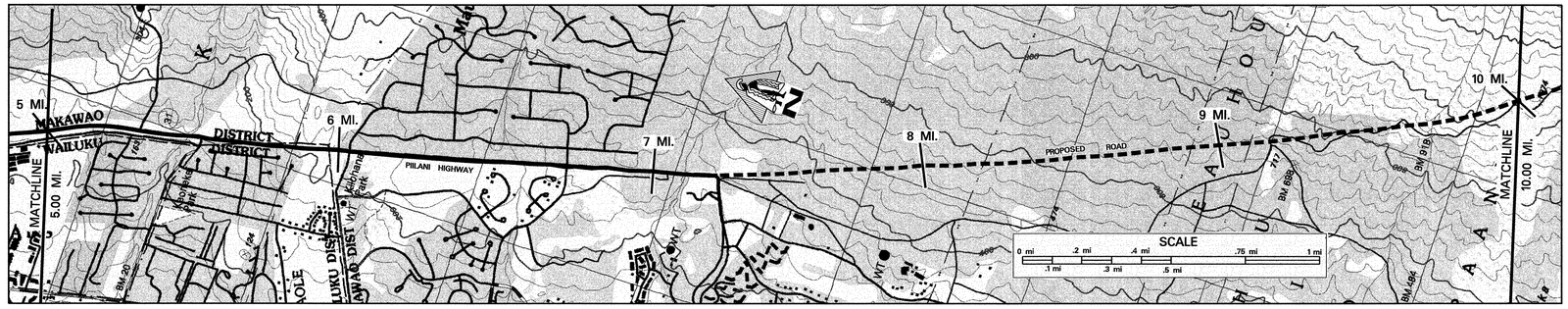


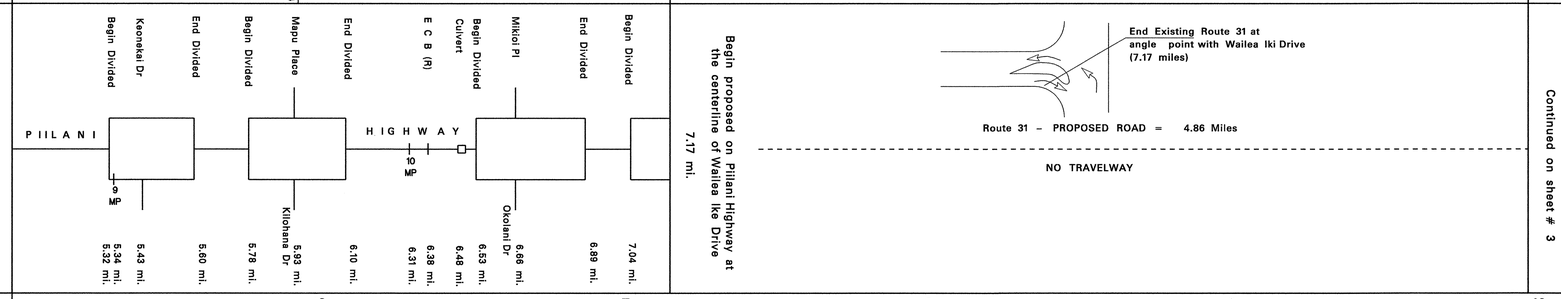
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		
ADT Sections; ADT; Traffic Count and Truck Weight Stations		31 02 (3.10 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		105' – 225' (5.00–5.93); 105' – 305' (5.93–7.17)
Available Right of Way Width (Needs Study)		
Right of Way Fence: Type – Right and Left		CHAINLINK (5.43–5.87); CHAINLINK (5.94–6.47, 6.50–6.81, 6.82–6.89, 6.89–7.14)
Control of Access: 1–None, 2–Partial, 3–Full		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE
Project No., Type of Construction, and Year Constructed		31AB–01–02, WIDENING, 2003; F–031–1(3)
Project No., Type of Construction, and Year Constructed		STP–031–1(8), RESURFACING 1996; 1990

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	6' – 8' AC; 10' AC
	Pavement: Width and Type	44' AC; 22' AC; 44' AC; 22' AC; 12' AC; 24' AC; 12' AC; 24' AC; 12' AC
	Shoulder: Width and Type	6' – 8' AC; 0'; 6'–8' AC; 0'; 10' AC; 0'; 10' AC; 0'
	Median: Width and Type	0' – 12' Painted AC (5.32–5.93); 0' – 12' Painted AC (5.93–6.10); 0' 14' Painted AC (6.10–6.89); 0' – 14' Painted AC (6.89–7.04); 0' – 25' Painted AC (7.04–7.08)
	Median Barriers:	Raised Curb, Flush AC (7.08–7.17)
	Shoulder: Width and Type	0'; 0'; 0'; 0'
	Pavement: Width and Type	22' AC; 22' AC; 12' AC; 12' AC; 12' AC
	Shoulder: Width and Type	6'–8' AC; 6'–8' AC; 10' AC; 10' AC; 10' AC (7.11–7.17); 0'
Number of Traffic Lanes		4 – 11' (5.00–5.93); 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		
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:		URBAN; RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT
Speed: 1–Design, 2–Posted		40 MPH (2); 45 MPH (2) (6.74–7.08); 35 MPH (2); 40 MPH (2); 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Sight Distance: Minimum Passing PSD–		
Minimum Stopping SSD–		
Pavement Striping: No Passing Zones		
Capacity: Service Volume–E		
DOD Sections		
Census Tracts		
Functional Classification		PRINCIPLE ARTERIAL; MAJOR COLLECTOR (7.73)
National Highway System (NHS)		NHS
Previous Projects: Project No., Date and Limits		
		TQF–RF–031–1(6) 1981; F–031–1(3) 1990
HPMS		3.10; 1.15; 0.09; 0.60; 4.26

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	

ROAD INVENTORY
MAUI RTE 31
PIILANI HIGHWAY

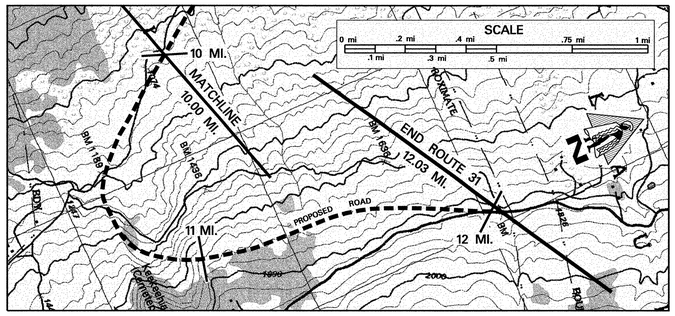
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 12.03 miles
- a. Survey Length: 7.17 miles
- b. Proposed Length: 4.86 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile	10 – 11 – 12 – 13 – 14 – 15
Maintenance Control Sections : Length and Description	
ADT Sections; ADT; Traffic Count and Truck Weight Stations	
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	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	
Control of Access: 1–None, 2–Partial, 3–Full	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP=Milepost Signage

Continued from sheet # 2

10.00 mi.

Route 31 – PROPOSED ROAD = 4.86 Mile

NO TRAVELWAY

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

END ROUTE DESCRIPTION
0.00 mi.

SCALE: (In Miles) 4" = 1 mile	10 – 11 – 12 – 13 – 14 – 15
Divided Highway, Undivided: Shoulder: Width and Type	
Divided Highway, Undivided: Pavement: Width and Type	
Divided Highway, Undivided: Shoulder: Width and Type	
Divided Highway: Median: Width and Type	
Divided Highway: Median Barriers:	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	
Speed: 1–Design, 2–Posted	
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
HPMS	4.26 (12.03)
SCALE: (In Miles) 4" = 1 mile	10 – 11 – 12 – 13 – 14 – 15

Date Released	
Oct 2004	GN
Revised	

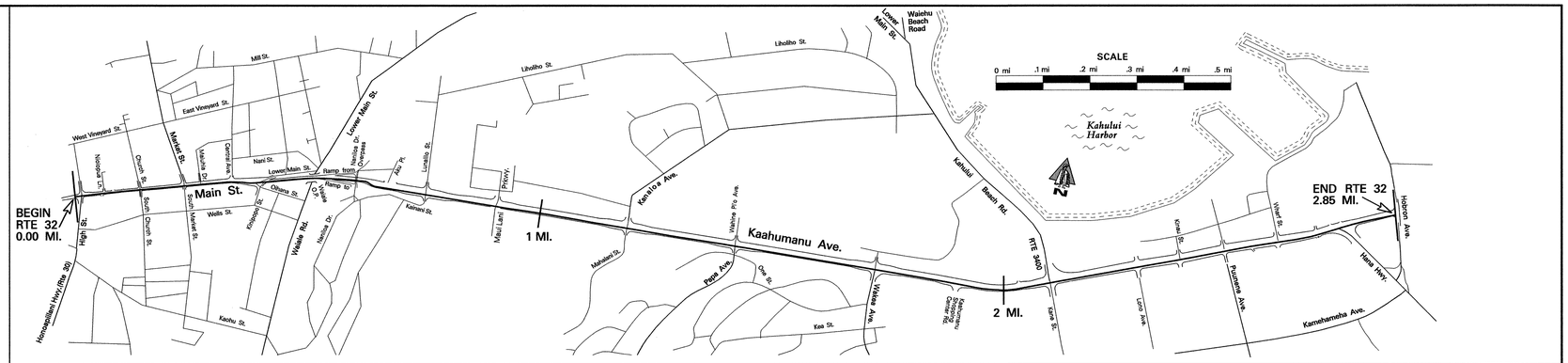
ROAD INVENTORY
MAUI RTE 32
MAIN ST. – KAAHUMANU AVE.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



Scale: 1"=0.15 mile

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. 2.72

ADT Sections; ADT; Traffic Count and Truck Weight Stations

32 01 (0.20 mi.) | 0.20 | 32 02 (0.20 mi.) | 0.40 | 32 03 (0.78 mi.) | 1.18 | 32 04 (0.23 mi.) | 1.41 | 32 05 (0.69 mi.) | 2.10 | 32 06 (0.37 mi.) | 2.47 | 32 07 (0.25 mi.) | 2.72 | 32 08 (0.12 mi.)

Structure Carrying Road

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

Vertical Clearance

Horizontal Clearance: 34'

Structure Over Road

Vertical Clearance: 14' 10"

Horizontal Clearance: 45'

Right of Way Width (min.–max.) if varies: 50' (0.40) | 115' – 265' (2.03) | 125' – 160' (2.22) | 100' – 145' (2.89) | 80' – 100'

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

Right of Way Fence: Type – Right and Left: (Chain Link 50' from Edge of Pavement) (0.78 – 0.88)

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

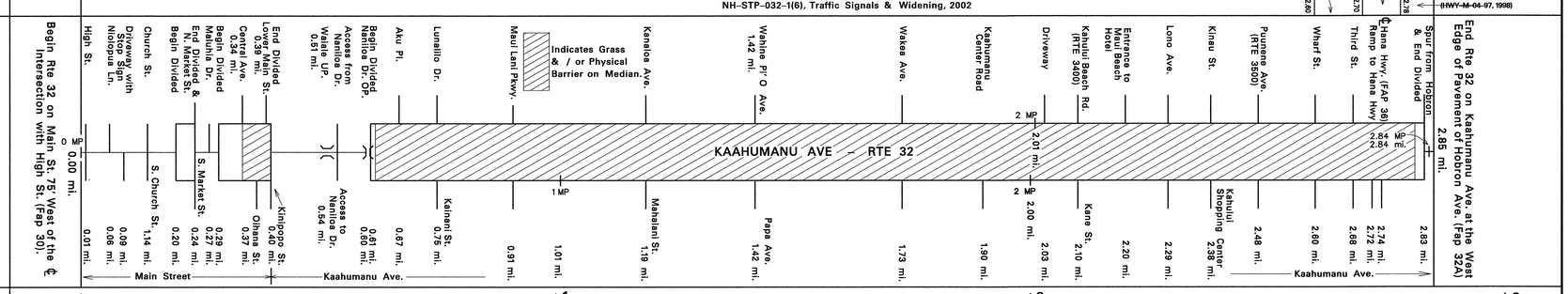
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: STP–NH–0900(62), RESURF., 2004 (0.34) | NH–032–1(8), Resurface, 2002 — (36A–01–96M, (R), 1999) (HWY–M–04–97, 1998) (2.60) (2.70) (2.78)

Project No., Type of Construction, and Year Constructed: NH–STP–032–1(6), Traffic Signals & Widening, 2002 — ~~(HWY–M–04–97, 1998)~~

Road Diagram

* MP = Milepost Signage



Scale: 1"=0.15 mile

Divided Highway – Undivided

Shoulder: Width and Type

Pavement: Width and Type

Shoulder: Width and Type

Divided Highway

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

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) — PL = 8' Parking Lane

(Right Side) — PL = 8' Parking Lane

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: Mercury Vapor

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –4 | –2

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban

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

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

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Principal Art. (Conn. Link) | Principal Arterial (5)

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits

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

HWY–M–02–91M (R) 1992 — 32A–01–89 (R) 1991 — 32A–01–83M (R) 1983 — 27+26.98 — DF–032–1(4) 1958 — DANCR 1945 — (DANC 8(1) 1944)

County Phase II — WPGM13–H, 1936 — WPGM13–I, 1936 — (F–032–(2), 1955) — 100+75.81 — 3+85.21 — F–032–1(1), 1957 — 11+00 — 38+60.33 — –3+84.06

HPMS: 0.24 | 0.13 | 0.12 | 0.10 | 0.56 | 0.23 | 0.69 | 0.10 | 0.29 | 0.11 | 0.08 | 0.07

Scale: 1"=0.15 mile

Date Released
May 2001
Revised

ROAD INVENTORY
MAUI RTE 32A
HOBRON AVENUE

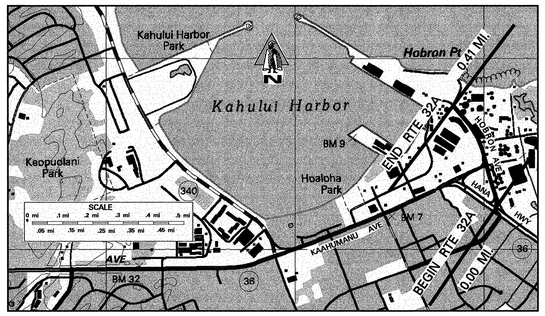
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

*



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description		Begin 32A same as begin route. 32A (0.41 MI) End 32A same as end route.
ADT Sections; ADT; Traffic Count and Truck Weight Stations		32A 01 (0.41 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' (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)		STATE (0.17) STATE PHASE II
Project No., Type of Construction, and Year Constructed		STP-036-1(12) (Inter. Improvement) (0.04) HWY-M-01-91M (R) (0.39) COUNTY TO STATE
Project No., Type of Construction, and Year Constructed		2000 1992

Road Diagram

* MP=Milepost Signage

0.00 mi. BEGIN ROUTE 32A ON HOBRON AVENUE AT THE NORTHEAST EDGE OF PAVEMENT OF HANA HWY (RTE36)

END DIVIDED 0.04 mi. — DRIVEWAY 0.09 mi. — South approach 0.15 mi. — KAAAHUMANU AVE (RTE 32) 0.17 mi. — North approach 0.19 mi. — AMALA PLACE 0.24 mi. — ALA LUINA ST. 0.41 mi. 0.40 mi.

HOBRON AVENUE

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

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway – Undivided	Shoulder: Width and Type	6' AC (0.39) 15' – 20' AC/GRAVEL
	Pavement: Width and Type	22' AC 33' AC (0.07) 22' AC
	Shoulder: Width and Type	0 (0.04) 6' AC (0.15) 12' Grass (0.17) 10'–15' Gravel (0.24) 6' AC
Divided Highway	Median: Width and Type	11' Painted AC
	Shoulder: Width and Type	0 (0.04)
	Pavement: Width and Type	11' AC
	Shoulder: Width and Type	6' AC
Number of Traffic Lanes		2 – 11' 1 – 11' (0.07) 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		(0.19) 1 – 11' (0.24)
(Right Side)		
Frontage Road: No. of Lanes, and Width (Right and Left)		
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)		
Protective Devices: Type, Location and Number		
Illumination: Type, Location and Number		(0.15) 1 MV (0.23) 1 MV
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		URBAN
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		FLAT (0.23)
Speed: 1–Design, 2–Posted		20 MPH (2) NOT POSTED; NOT POSTED 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing		
Sight Distance: Minimum Passing PSD–		
Minimum Stopping SSD–		
Pavement Striping: No Passing Zones		
Capacity: Service Volume–E		(0.17) STATE – Phase II
DOD Sections		
Census Tracts		
Functional Classification		PRINCIPLE ARTERIAL
National Highway System (NHS)		NHS
Previous Projects: Project No., Date and Limits		
		DANC 8 (1) 1945 (0.22) COUNTY
HPMS		(0.00) 0.41 MI. (0.41)

SCALE: (In Miles) 20" = 1 mile

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

Date Released
Oct. 2004, G.N.
Revised

ROAD INVENTORY
MAUI RTE 32B
WHARF STREET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

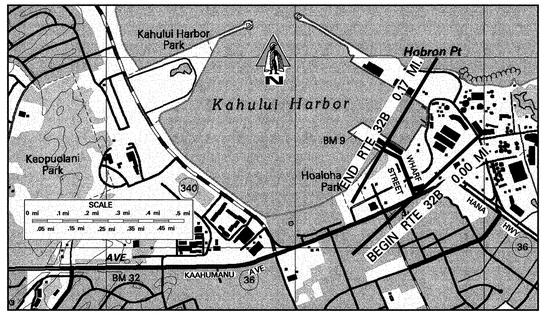
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 0.17 **miles**

a. Survey Length: 0.17 **miles**

b. Proposed Length: 0.00 **miles**

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



SCALE: (In Miles) 20" = 1 mile

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

Maintenance Control Sections : Length and Description	32B (0.17 MI) — Begin and end 32B same as begin and end route 32B
ADT Sections; ADT; Traffic Count and Truck Weight Stations	32B 01 (0.17 MI)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	COMMERCIAL AREA
Right of Way Fence: Type – Right and Left	0.08 0.08 Chain Link Fence
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	HWY–M–01–91M; LT–M–01–78M (R) 0.11; WDR 34(1) 0.14
Project No., Type of Construction, and Year Constructed	1992 (R) 0.11; 1979 0.14

Road Diagram

* MP=Milepost Signage

BEGIN ROUTE 32B ON WHARF STREET AT THE NORTH EDGE OF PAVEMENT OF KAAHUMANU AVENUE (ROUTE 32) — 0.00 MI.

WHARF — ALA LUINA ST. (Pier 1) — 0.05 mi. — GUARD HOUSE — 0.08 mi. — PAVED ROAD — 0.11 mi. — STREET

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

SCALE: (In Miles) 20" = 1 mile

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

Divided Highway — Undivided — Shoulder: Width and Type	2' AC; 0.06 8' AC; 0.07; 10' AC; 0.14; 30'–50' AC
Divided Highway — Undivided — Pavement: Width and Type	24' AC; 0.02; 26' AC; 0.04; 36' AC; 42' AC; 0.09; 44' AC; 0.11; 34' AC; 0.13; 36' AC
Divided Highway — Undivided — Shoulder: Width and Type	2' AC; 0.04; 4' AC; 0.09; 0; 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	0.02; 0.04; 0.06; 0.12
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	2–12'; 1–12'; 1–14'; 2–18'; 1–14'; 1–28'; 1–30'; 1–16'; 1–20'
(Right Side)	12' T.L.; 0.09; 0.11
Frontage Road: No. of Lanes, and Width (Right and Left)	0.04; 0.07
Sidewalk: Width and Type (Right and Left)	8" CONC; 8" CONC
Curb and/or Gutter: Type (Right and Left)	CONC. CURB & AC GUTTER
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1)
Speed: 1–Design, 2–Posted	20 MPH (2); 0.08; 5 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	
	WDR 34 (1) COUNTY PROJECT
HPMS	0.00 — 0.17 — 0.17

SCALE: (In Miles) 20" = 1 mile

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

Date Released	
Oct. 2004, G.N.	
Revised	

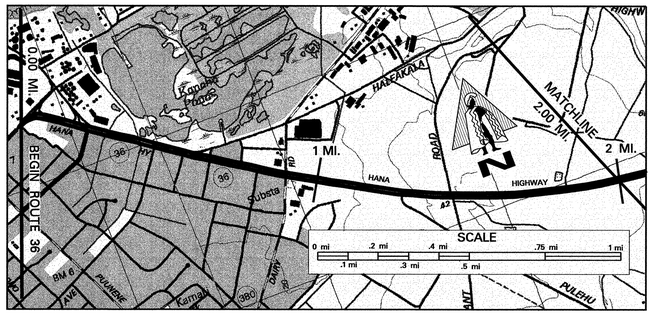
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

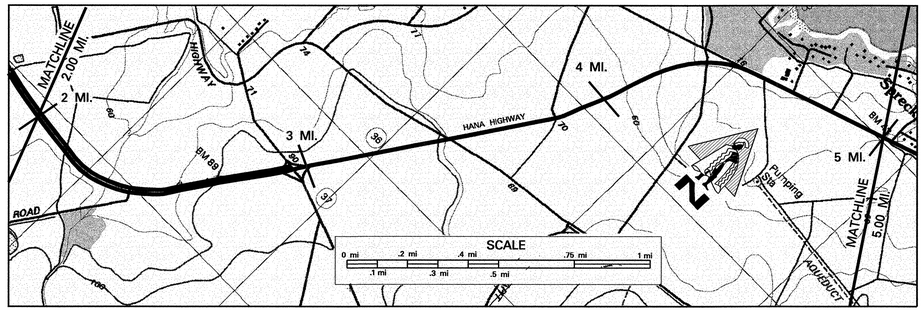
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

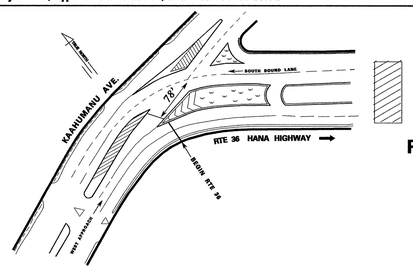
Total Route Length: 16.23 miles
a. Survey Length: 16.23 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	Begin 36A same as begin Route 36 · 36A (6.70 MI)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	36 01 (0.20 MI) · 36 02 (0.33 MI) · 36 03 (0.34 MI) · 36 04 (2.05 MI) · 36 05 (3.78 MI)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	0.20 · 0.53 · 0.87 KAHULUI URBAN BOUNDARY · TEE BEAM 1944 H20 53' · 2.39 PRESTRESSED CONCRETE GIRDER 1991 HS-20-44 · 2.92
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	105'
Structure Over Road – Vertical Clearance	
Structure Over Road – 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)	STP-036-1(12) Inter. Impr., 2000 · STATE · 173+65
Project No., Type of Construction, and Year Constructed	0.19 · 0.27 · 0.87 HWY-M-01-96M AREA 3 · 3.22 36AB-01-04M, RESURFACE, 2005
Project No., Type of Construction, and Year Constructed	36A-01-96M (R), 1999 · 1997 · 36AB-01-90M (R) 1991



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP=Milepost Signage

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

0.00 mi. · 0 MP · HOBRON ST (Rte 32A) 0.02 mi. · ROAD 0.19 mi. Kam Ave · 0.27 mi. · WAKEA AVENUE 0.43 mi. · HANAMAU STREET 0.52 mi. · HALEAKALA HWY (Rte 36A) 0.61 mi. Hanakai St · PAVED ROAD 0.72 mi. · PAPA AVENUE 0.78 mi. · DAIRY ROAD (Rte 3800) 0.87 mi. · ECB 0.95 mi. · 1 MP 1.07 mi. · HANA HWY · PULEHU ROAD 1.27 mi. · ROAD to Development 1.42 mi. · CONC. TC & CANE HAUL RD 1.80 mi. · 2 MP 2.01 mi. · KALIALINUI BR 2.29 mi. · HANSEN ROAD 2.37 mi. · CULVERT 2.66 mi. · ECB 2.81 mi. · HALEAKALA HWY (Rte 37) 2.92 mi. · 3 MP 3.00 mi. · END DIVIDED 3.21 mi. · KALA STREET CULVERT 3.39 mi. · 184+95 3.44 mi. · CANE HAUL RD 3.79 mi. · MP 4.01 mi. · BEGIN DIVIDED 4.22 mi. · 232+70 · END DIVIDED STABLE RD. 4.34 mi. · BEGIN DIVIDED 4.40 mi. · ALAKAPA PL 4.65 mi. · END DIVIDED 4.73 mi. · BEGIN DIVIDED 4.84 mi. · NONOHE PL 5.00 mi. · 5 MP

ROUTE CONTINUES ON SHEET # 2

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	6' AC · 0.96 · 10' AC · 2.80 · 30' AC · 3.22 · 4' AC
Divided Highway – Undivided – Pavement: Width and Type	22' AC · 0.81 · 24' AC · 2.82 · TAPER 12'-24' · 3.05 · 12' AC · 24' AC · 12' AC · (24' AC) 12' AC · 12' AC
Divided Highway – Undivided – Shoulder: Width and Type	4' AC · 0.87 · 0' · 0.95 · 6' AC · 0' · 6' AC · 0' · 4' AC · 0' · (4' AC) 0' · 0'
Divided Highway – Median: Width and Type	50' GRASS · VARIES 16'-24' GRASS · 1.29 · VARIES 20' – 24' GRASS · 2.19 · VARIES 10'-20' PAINTED AC · 2.46 · VARIES 10'-14' GRASS · 2.82 · VARIES 12'-20' PAINTED AC · 3.21 · 12' PAINTED AC · 4.22 · 4.40 · 4.43 · 12' PAINTED AC · 4.73 · 4.84 · 12' PAINTED AC
Divided Highway – Shoulder: Width and Type	4' AC · 0.87 · 0' · 0.95 · 6' AC · 0' · 6' AC · 0' · 0' · 0' · 0'
Divided Highway – Pavement: Width and Type	24' AC · 3.04 · TAPER 12'-24' · 12' AC · 12' AC · 12' AC
Divided Highway – Shoulder: Width and Type	6' AC · 0.81 · 0.95 · 10' AC · 2.80 · 8' – 10' AC · 4' AC · 4' AC · 6'-8' AC
Number of Traffic Lanes	0.25 · 2 – 11' · 2 – 12' · 1 – 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	0.16 · 0.27 · 0.45 · 0.49 · 0.69 · 0.81 · 0.88 · 0.90 · 0.97 · 1.05 · 1.28 · 1.42 · 1.48 · 2.15 · 2.24 · 2.46 · 2.55 · 2.76 · 2.82 · 2.89 · 3.01 · 3.05 · 3.12
(Right Side) ALL T.L.'s 12' unless noted	0.55 · 0.58 · 0.85 · 1.15 · 1.27 · 1.39 · 2.37 · 4.28 · 4.34 · 4.62 · 5.00
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	6' CONC. · 0.86
Curb and/or Gutter: Type (Right and Left)	CONC. CURB · 0.24 · 0.92 · 4' – 6' CONCRETE GUTTER · 2.89 · 3.17
Protective Devices: Type, Location and Number	0.69 · 0.98 · 1.22 · 1.33 · 2.10 · 2.12 · 2.26 · 2.57 · 2.78 · 2.86 · 2.97 · 4.46 · M/M · 4.59
Illumination: Type, Location and Number	0.80 · 1.23 · 1.39 · HPS · 2.36 · 3.19
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.16 · – 1 · 0.45 · 2.88 · + 1 · 3.28 · 4.51 · + 2 · 4.99
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	URBAN · 2.92 · RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	0.00 · FLAT (1)
Speed: 1–Design, 2–Posted	30 MPH (2) · 0.30 · 45 MPH (2) · 1.01 · 55 MPH (2) · 2.71 · 45 MPH (2) · 3.22 · 55 MPH (2) · 4.30 · 35 MPH (2) · 45 MPH (2) · (35 MPH (2))
Intersection Control Devices: Type, Location and Cycle Timing ALL 4 PHASE	0.19 · 0.82 · 1.80 · 4.61
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	PRINCIPLE ARTERIAL · 2.92
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	0.87 · STP-0900(34) 1998 · AM-1061-12 (IMPROV), 1991 · 36A-02-87M (R) 1988 · 2.97 · 3.06 · 3.22 · 36AB-01-90M (R) 1991 · 0.06 · DANC 8(1) 1945 · HWY-M-01-76M (R) 1976 · DANC 8(1) 1943, 1945 · 2.80 · 36A-01-82 Inter. Impr. 1983 · 3.08 · HWY-M-02-76M (R) 1976 · 3.80 · 4.52 · 4.50 · 147+44.30 NRS – 17A · 242+00 · 1933
HPMS	0.19 · 0.19 · 0.34 · 0.53 · 0.34 · 0.87 · 2.05 · 2.92 · 3.51

SCALE: (In Miles) 4" = 1 mile

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

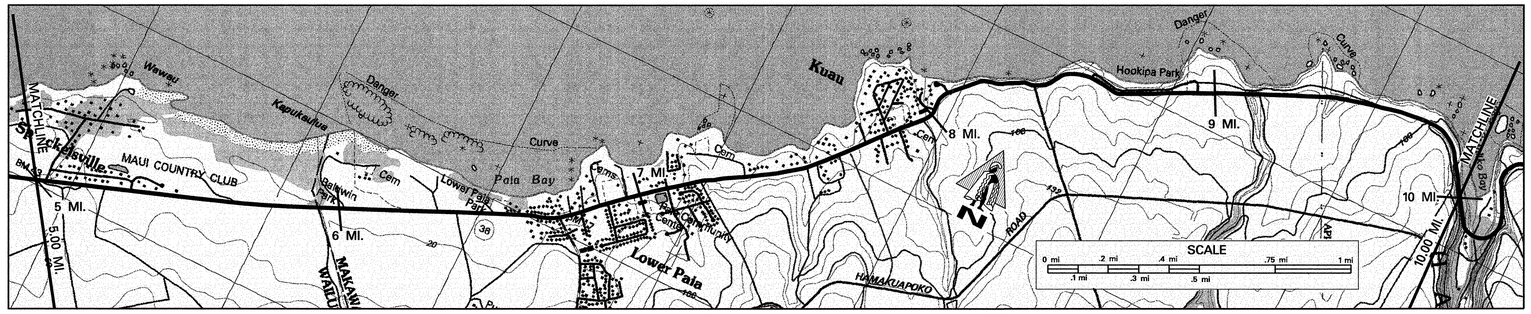
ROAD INVENTORY
MAUI RTE 36
HANA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 36A (6.70 MI)
- End 36A and begin 36B on Hana Hwy at the West edge of pavement of Baldwin Ave. (8.02)
- 36B (4.32 MI)

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 36 05 (3.78 MI)
- 36 06 (1.66 MI) (8.36)
- 36 07 (2.66 MI)

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

Right of Way Width (min.–max.) if varies: 60' (8.69) 80' – 200'
Available Right of Way Width (Needs Study): 1000' CLR – SUGAR CANE FIELD 20' FROM PAVEMENT (6.90) RESIDENTIAL AREA (7.94) 1000' CLR (R) 15' SUGAR CANE FROM PAVEMENT / BEACH (L) (9.69) CLIFFS
Right of Way Fence: Type – Right and Left: NONE
Control of Access: 1–None, 2–Partial, 3–Full: NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE
Project No., Type of Construction, and Year Constructed: 36AB–01–04M, RESURFACE, 2005 (6.53) (253+81.21) (6.83) (10+04.82) 36AB–01–04M, RESURFACE, 2005 (8.81) (122+35) (8.82) STP–036–1(8) RESURFACE
Project No., Type of Construction, and Year Constructed: 36AB–01–90M RESURFACE 1991 (228+00) (6.02) 36B–02–02, SHLDR. LN., 2005 (6.35) 36AB–01–95M 1998 (R) 36AB–01–90M RESURFACE 1991 1998

Road Diagram
* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 1 — 5.00 mi.

END DIVIDED; ULUPUA STREET (188+10); BEGIN DIVIDED CULVERT; ALAWAI RD; END DIVIDED; PAVED ROAD (255+00); BEGIN DIVIDED; AE LANE; Luna Lane; END DIVIDED; BALDWIN AVE; HONELANI PLACE; LOIO PLACE; KUPONO STREET; BEGIN DIVIDED; LAE PLACE ROAD (1+40); END DIVIDED; KU AU PLACE; PAVED ROAD; HANA HIGHWAY; AOLANI PLACE; KAULUA PLACE; Kulani Place; WAA PLACE; MEHA PLACE; KAIMAO STREET; ULUMAIKA PLACE; KAIHOLO ROAD; FISH HOUSE; ROAD TO MAMA'S; HOLOMUA AVENUE (445+10); BEGIN DIVIDED; PARK FROM HOOKIPA; WEST EXIT; END DIVIDED; HOOKIPA PARK; EAST ENTRANCE TO; PAVED ROAD; PAVED ROAD; ECB; PAVED ROAD; HAMAKUAPOKO; ROAD TO

6 MP; 7 MP; 8 MP; 9 MP

5.11 mi. 5.28 mi. 5.90 mi. 5.97 mi. 5.91 mi. 6.02 mi. 6.03 mi. 6.47 mi. 6.55 mi. 6.61 mi. 6.70 mi. 6.77 mi. 6.82 mi. 6.88 mi. 6.92 mi. 6.97 mi. 7.03 mi. 7.06 mi. 7.09 mi. 7.15 mi. 7.26 mi. 7.32 mi. 7.58 mi. 7.63 mi. 7.70 mi. 7.79 mi. 7.83 mi. 7.84 mi. 7.99 mi. 8.02 mi. 8.06 mi. 8.36 mi. 8.44 mi. 8.55 mi. 8.61 mi. 8.93 mi. 9.03 mi. 9.12 mi. 9.33 mi. 9.53 mi. 9.54 mi. 9.71 mi.

ROUTE CONTINUES ON SHEET #3 — 10.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 4' AC (6.47) 20' Grass (6.57) 0' (6.82) 6' AC (6.91) 6' GRASS (8.93) 4' AC (8.93) 6' AC
- Pavement: Width and Type: 12' AC (6'-8' AC, 5.15) 24' AC 12' AC 24' AC 12' AC (42' AC, 34' AC) 24' AC 11' AC 22' AC 11' AC (8.98) 24' AC
- Shoulder: Width and Type: 0' (5.15) 4' AC 0' 4' AC 0' 4' GRASS 4' AC 0' 6' GRASS (7.90) 4' AC (8.06) 6' GRASS 0 10' GRASS (8.93) 5' – 6' AC

Divided Highway — Median
- Median: Width and Type: 12' PAINT AC (5.11) 10' PAINT AC (5.91) (6.03) 10' PAINT AC (6.55) (6.77) (6.88) (6.97) 10' PAINT AC (7.15) 11' PAINTED AC (8.44) (8.61)
- Shoulder: Width and Type: 0' 0' 0' 0' 0
- Pavement: Width and Type: 12' AC 12' AC 12' AC 11' AC 11' AC
- Shoulder: Width and Type: 6'-8' AC 6'-15' AC 0' 6' GRASS 4' AC

Number of Traffic Lanes: 2 – 12' (5.82) 2-12' 2-11' (8.82) 2 – 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): (6.82) (6.88)
(Right Side): 1-14' (R) TL (6.49) (6.55) (6.70) 1-11' (L) TL (8.49) (8.55)
Frontage Road: No. of Lanes, and Width (Right and Left): (6.57) 6' CONC. CURB (6.88)
Sidewalk: Width and Type (Right and Left): CONC. CURB; 6' CONC. GUTTER
Curb and/or Gutter: Type (Right and Left): (7.02)
Protective Devices: Type, Location and Number: (METAL RAIL ON CONC. POST); METAL ON METAL; METAL ON METAL (7.98) (8.06) (8.12) (8.16) (8.33) (8.36) WOOD ON WOOD (9.05) (9.16) (9.34) (9.49) (9.55) (9.70) (9.77) (9.90); METAL ON CONC.
Illumination: Type, Location and Number: (6.49) MV (6.88)
Curves: Degree of Curvature (Right and Left): (OPEN 4-6 PM, EXC. SAT, SUN, HOL.; NO TRUCKS OR BUSES) NONE
Shoulder Lanes: (6.03) 1-14' SHOULDER LANE (6.49) (6.52)
Grades: % Grade, Positive or Negative: (5.17) – 1 (5.45) (5.96) 0 (6.52) (9.00) +3 (9.20) (9.81) –3
Vertical Curve: Crest or Sag, Curve Limits
Area and Development: RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT (1) (6.41) (6.78) (6.88) ROLLING (2) (9.25) (9.66) (9.75) MOUNTAINOUS
Speed: 1–Design, 2–Posted: 35 MPH (2) (5.36) 45 MPH (2) 35 MPH (2) (6.32) (6.48) 20 MPH (2) (6.91) 30 MPH (2) (8.98) 45 MPH (2) (9.54) 35 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification: MINOR ARTERIAL
National Highway System (NHS): NONE
Previous Projects: Project No., Date and Limits
- 36AB–01–90M RESURFACE 1991 (6.53) (6.83) (36AB–01–95M, 1996 (R))
- 36AB–01–90M (RESURF) 1991 (8.36) (8.93) STP–036–1(7) 1997
- 36AB–01–75 (RESURF) 1975 36B–02–79 (IMPROV) 1979 (9.00) 36BC – 01 – 82M (RESURF) 1982
- NRS – 17A 1933 (6.37) 257+00 (6.43) JOB # 5213 (7.98) WDRC 14(1) 1948 (8.87) F–036–1(1) REVAMP 1961 F–036–1(1) 1959
- HPMS 3.51 2.50 0.60 1.49

SCALE: (In Miles) 4" = 1 mile

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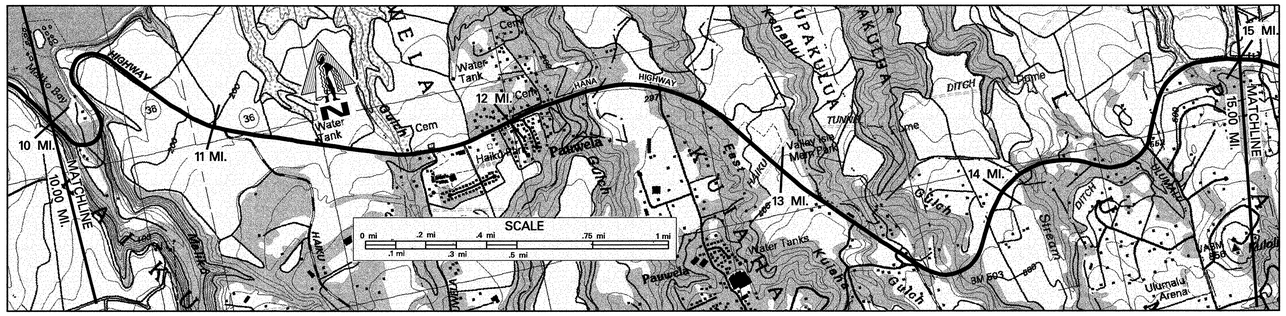
FEDERAL HIGHWAY ADMINISTRATION

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



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	36B (4.32 MI); 11.02 End 36B, Begin 36C at the centerline intersection of Hana Hwy and Kakomo-Haiku Road; 36C (5.21 MI)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	36 07 (2.66 MI); 36 08 (5.21 MI)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	10.07 TEE BEAM 1961 205' HS20; 13.66 225' PRESTRESSED CONCRETE GIRDER, HL-93, 2003
Structure Carrying Road – Vertical Clearance	28'; 34'
Structure Carrying Road – Horizontal Clearance	
Structure Crossing Road – Vertical Clearance	
Structure Crossing Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80' – 200'; 10.46; 80' – 285'; 13.82; 80' – 135'
Available Right of Way Width (Needs Study)	CUT SLOPES; 10.70 CLR 1000' PINEAPPLE 20' FROM PAVEMENT; 11.00; TREES AND BUSHES; 11.70; RES. AREA; 12.18; TREES; 12.86 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; BR-036-1(16), 2003 BRIDGE REPLACEMENT
Project No., Type of Construction, and Year Constructed	STP – 036 – 1(8) RESURFACE; 12.94; 13.82; 13.94
Project No., Type of Construction, and Year Constructed	1998; STP – 0900 (39), 1996 RESURFACE

Road Diagram

* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET # 2 — 10.00 mi.

MALIKO BRIDGE; ROAD; HANA HIGHWAY; ECB; 10 MP; ROAD TO HAIKU; 11 MP; ROAD TO CEMETERY; PAUWELA ROAD; AKAHAI (L) PILALOHA ST. (R); Pauwela Light House; AKAHAI PLACE; PUU KOA ROAD; KAHIAPO PLACE; WAIKINA LOOP; WAIKINA ROAD; NAHELE ROAD; W. KUIAHA RD. (R) NAHELE RD. (L); 12 MP; VALLEY ISLE MEMORIAL PARK; 13 MP; E. KUIAHA ROAD; ROAD TO HAIKU (R) ROAD TO ULUMALU HAHANA RD. (L); KAUPAKULUA BRIDGE; HOHANI PLACE; O'ILI ROAD; 14 MP; ULUMALU ROAD

10.02 mi. 10.09 mi. 10.14 mi. 10.18 mi. 11.02 mi. 11.03 mi. 11.64 mi. 11.70 mi. 11.84 mi. 11.86 mi. 11.90 mi. 11.97 mi. 12.02 mi. 12.14 mi. 12.24 mi. 12.28 mi. 12.50 mi. 12.93 mi. 13.02 mi. 13.28 mi. 13.46 mi. 13.65 mi. 13.86 mi. 13.91 mi. 14.03 mi. 14.52 mi.

ROUTE CONTINUE ON SHEET #4 — 15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	6' AC; 12.86; 4' – 6' AC; 13.82; 10' AC; 13.84; 4' – 6' AC
Divided Highway – Undivided – Pavement: Width and Type	24' AC; 10.57; 22' AC; 24' AC; 22' AC
Divided Highway – Undivided – Shoulder: Width and Type	5' – 6' AC; 4' – 6' AC; 10' AC; 4' – 6' AC
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – 12'; 10.57; 2 – 11'; 13.82; 2 – 12'; 13.84; 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	6' CONC. SWALE
Curb and/or Gutter: Type (Right and Left)	(4' CONC. GUTTER); 4' CONC. GUTTER 10.21; 10.48 3' CONC. GUTTER; 10.71; 4' CONC. GUTTER; 3' AC; (2' CONC. GUTTER); 12.34; 12.41; (2' CONC. GUTTER); (4' CONC. GUTTER); 12.56; 3' CONC. GUTTER; (2' CONC. GUTTER); 13.64; 13.70; 13.76; 13.84; 14.20
Protective Devices: Type, Location and Number	10.03; 10.09; 10.15; 10.21; 10.34; 10.46; 10.52; (METAL RAILS ON CONC. POSTS); 11.55; 11.66; WOOD RAILS ON WOOD POSTS; 12.12; 12.22; 12.32; WOOD RAILS ON WOOD POSTS; 12.81; 12.85; WOOD RAILS ON WOOD POSTS; (METAL ON CONC.); 13.30; 13.34 (WOOD/WOOD); 13.38 (WOOD/WOOD); 13.76; M/M; 14.06; M/M; 14.14; M/M; 14.21; 14.28; M/M; 14.82; 14.86
Illumination: Type, Location and Number	(CRM WALL)
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	10.01; 11.05; + 4; 11.48; 12.73; + 7; 12.86
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS; 10.75; ROLLING; 12.03
Speed: 1–Design, 2–Posted	35 MPH (2); 10.69; 10.87; 45 MPH (2); 11.48; 30 MPH (2); 12.12; 45 MPH (2); 12.94; NOT POSTED 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	STP-036-1(7) 1997; 12.94
	36BC-01-82M 1982 RESURFACE; 12.53; 0.34; 36C-01-87M 1987 RESURFACE
	F-036-1(1) 1961 REVAMP; 10.46; 13.57; F – 32 (2) 1957
	F-036-1(1) 1959; 10.46; 180 + 79.87; 2 + 58.86; F – 32 (3) 1951, 1953; 164 + 34.19; 13.82; 3 + 34.19; F – 32 (2) 1946
HPMS	1.49; 11.02; 0.68; 11.70; 0.44; 12.14; 1.31; 13.46; 0.46; 13.91; 2.32

SCALE: (In Miles) 4" = 1 mile

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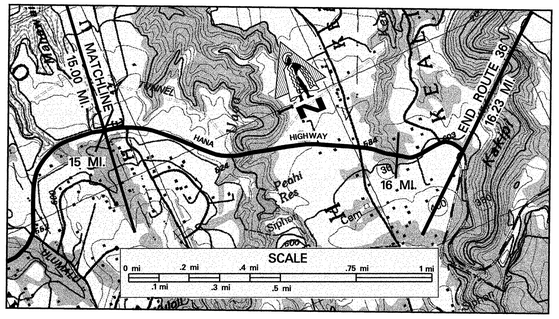
Total Route Length: 16.23 miles
- a. Survey Length: 16.23 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile — 15 — 16 — 17 — 18 — 19 — 20

Maintenance Control Sections : Length and Description	36C (5.21 MI)	END 36C SAME AS END ROUTE 36
ADT Sections; ADT; Traffic Count and Truck Weight Stations	36 08 (5.21 MI)	
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	Prestressed Concrete Girder HL-93, 2002 315'	
Structure Carrying Road — Vertical Clearance		
Structure Carrying Road — Horizontal Clearance	15.49 44'	
Structure Crossing Road — Vertical Clearance		
Structure Crossing Road — Horizontal Clearance		
Right of Way Width (min.–max.) if varies	80' – 135'	
Available Right of Way Width (Needs Study)	CUT SLOPES W/PASTURES & FARMS	
Right of Way Fence: Type – Right and Left		
Control of Access: 1–None, 2–Partial, 3–Full	NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE — BR-036-1(14), 2002 Bridge Replacement (15.36, 15.61)	
Project No., Type of Construction, and Year Constructed		
Project No., Type of Construction, and Year Constructed	STP-0900(39), 1996 RESURFACE	7+00

Road Diagram

* MP = Milepost Signage

ROUTE CONTINUED FROM SHEET #3

15.00 mi.

HEAAULA PLACE PAVED ROAD — UAOA BRIDGE — SOUTH HOLOKAI ROAD — HAUMANA ROAD

HANA HWY

15 MP — 16 MP

15.09 mi. 15.06 mi. 15.01 mi. — 15.46 mi. — North Holokai Rd 15.88 mi. — 16.04 mi. — 16.12 mi.

16.23 mi.

End Route 36 on Hana Highway at the centerline intersection with Kaupakulua Road. Same as beginning of Route 360.

SCALE: (In Miles) 4" = 1 mile — 15 — 16 — 17 — 18 — 19 — 20

Divided Highway — Undivided — Shoulder: Width and Type	4' – 6' AC	
Divided Highway — Undivided — Pavement: Width and Type	22' AC (15.36) 24' AC (15.61) 22' AC	
Divided Highway — Undivided — Shoulder: Width and Type	4' – 6' AC	
Divided Highway — Median: Width and Type		
Divided Highway — Shoulder: Width and Type		
Divided Highway — Pavement: Width and Type		
Divided Highway — Shoulder: Width and Type		
Number of Traffic Lanes	2 – 11' (15.36) 2 – 12' (15.61) 2 – 11'	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE	
(Right Side)	NONE	
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE	
Sidewalk: Width and Type (Right and Left)		
Curb and/or Gutter: Type (Right and Left)	(4' CONC. GUTTER) (2' CONC. GUTTER) 15.36 15.47 15.61 15.86 15.98	
Protective Devices: Type, Location and Number	METAL ON METAL 15.07 15.89 16.15	METAL ON CONCRETE
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:	R U R A L	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING	
Speed: 1–Design, 2–Posted	NOT POSTED 45 MPH (2)	
Intersection Control Devices: Type, Location and Cycle Timing		
Sight Distance: Minimum Passing PSD–		
Minimum Stopping SSD–		
Pavement Striping: No Passing Zones		
Capacity: Service Volume–E		
DOD Sections		
Census Tracts		
Functional Classification	MINOR ARTERIAL	
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		
	36C-01-87M 1987 RESURFACE (16.09)	
	F-32(2) 1957 (16.09)	
	F-32(2) 1946 137+21.46 → ← 0+00	
HPMS	2.32 (16.23)	

SCALE: (In Miles) 4" = 1 mile — 15 — 16 — 17 — 18 — 19 — 20

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

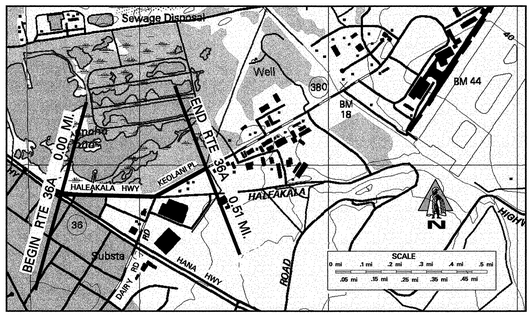
ROAD INVENTORY
MAUI RTE 36A
HALEAKALA HWY., KEOLANI PL.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

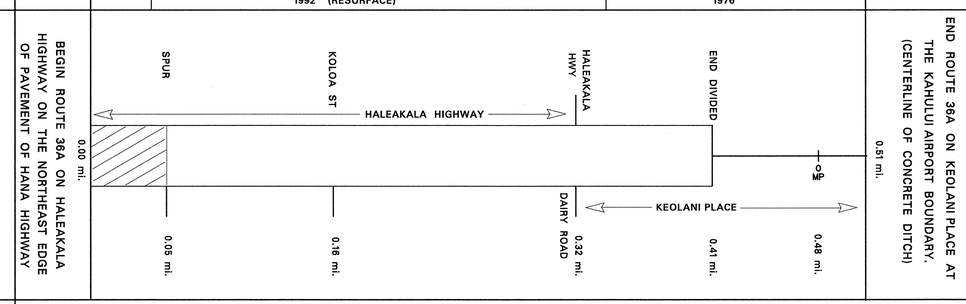
*



SCALE: (In Miles) 20" = 1 mile	0.0 – 0.10 – 0.20 – 0.30 – 0.40 – 0.50 – 0.60 – 0.70 – 0.80 – 0.90 – 1.00
Maintenance Control Sections : Length and Description	Begin 36A-A on Haleakala Highway at the N.E. edge of pavement of Hana Hwy. → 36A – A (0.32) ← End 36A-A at centerline of Dairy Road
ADT Sections; ADT; Traffic Count and Truck Weight Stations	36A 01 (0.32 mi); 36A 02 (0.19 mi)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	0.32: 60'
Available Right of Way Width (Needs Study)	BUSHES; COMMERCIAL AREA
Right of Way Fence: Type – Right and Left	
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	COUNTY; 0.04: HWY–M–01–91M; 0.34: HWY–M–01–76M
Project No., Type of Construction, and Year Constructed	1992 (RESURFACE); 1976

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 20" = 1 mile	0.0 – 0.10 – 0.20 – 0.30 – 0.40 – 0.50 – 0.60 – 0.70 – 0.80 – 0.90 – 1.00
Divided Highway, Undivided: Shoulder: Width and Type	0.04: 0' ; 0.10: 6' AC ; 0.23: 6' BP WITH CURB ; 0.25: 10' GRASS ; 0.32: 6' AC ; 0.46: 10' GRAVEL ; 25' GRAVEL
Divided Highway, Undivided: Pavement: Width and Type	12' BP ; 12' AC: 24' AC ; 12' AC ; 0.41: 10' BP ; 20' BP
Divided Highway, Undivided: Shoulder: Width and Type	0' ; 6' AC ; 0.06: 10' GRS ; 0' ; 10' GRASS
Divided Highway: Median: Width and Type	VARIES GRASS W/CONC. CURB ; 0.05 ; 0.08: 0' – 12' PAINTED AC
Divided Highway: Shoulder: Width and Type	0'
Divided Highway: Pavement: Width and Type	12' BP ; 0.06: 12' AC ; 0.32: 10' BP
Divided Highway: Shoulder: Width and Type	0' ; 12' GRASS
Number of Traffic Lanes	2 – 12' ; 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.16 ; 0.18 ; 0.32 ; 0.35
(Right Side)	0.08 ; 0.18
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	0.17: 6' Concrete Sidewalk; 0.29
Curb and/or Gutter: Type (Right and Left)	Conc. Curb 0.05 ; 0.07: Concrete Curb and Gutter; 0.29
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	U R B A N
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	F L A T
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
	0.32: HWY–M–01–76M 1976
	COUNTY; 0.35: NRS–17A 1933 AND 1934
HPMS	0.00 – 0.32: 0.32 ; 0.32 – 0.51: 0.19
SCALE: (In Miles) 20" = 1 mile	0.0 – 0.10 – 0.20 – 0.30 – 0.40 – 0.50 – 0.60 – 0.70 – 0.80 – 0.90 – 1.00

Date Released	
Oct 2004	GN
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Sept. 04	D.B

ROAD INVENTORY

MAUI RTE 37
HALEAKALA HWY & KULA HWY

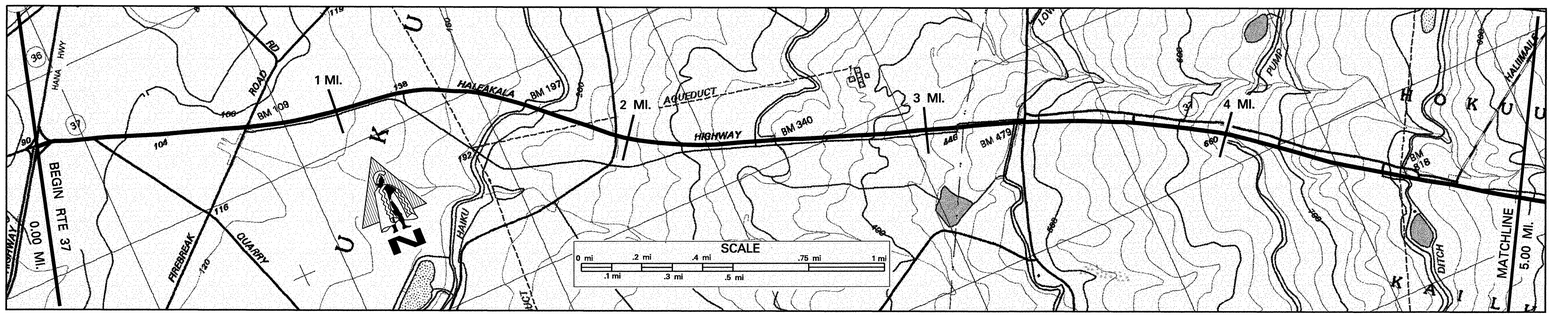
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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

*



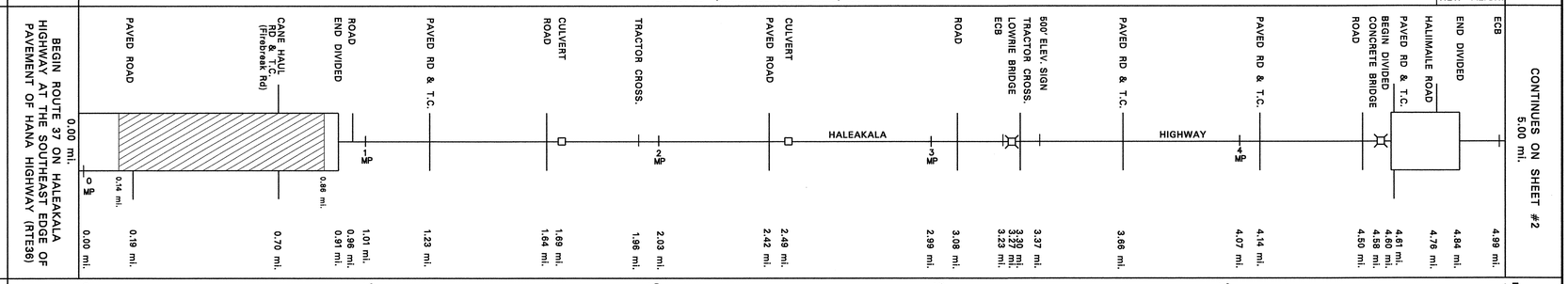
SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	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 Hallimaile Road (4.76)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	37 01 (4.76 MI) — 37 02 (2.40 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CONCRETE CULVERT 35' 1973 HS-20
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	48'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.-max.) if varies	50' (0.74) 60' (3.05) 120' – 140' (4.76) 140' – 200'
Available Right of Way Width (Needs Study)	CLEAR 1000' – SUGAR CANE 30' FROM EDGE OF PAVEMENT
Right of Way Fence: Type – Right and Left	
Control of Access: 1-None, 2-Partial, 3-Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	(0.04) NH-037-1(22), 2004, HALEAKALA HWY WIDENING (0.91) — (4.76) 37C-02-90, 1993
Project No., Type of Construction, and Year Constructed	37D-01-90 (TRUCK CLIMBING LANE) 1991 — NEW ALIGN.

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	6' AC — 10' AC
Pavement: Width and Type	12' AC (0.05) 24' AC — 36' AC — 12' AC 36' AC
Shoulder: Width and Type	0' (0.14) 4' AC — 6' AC — 0' 10' AC
Median: Width and Type	4'-22' PAINTED AC — 16'-28 GRASS — 16' GRASS FLUSH (0.70) (0.86) (0.91) (0-16' PAINTED AC) — (4.63) 12' PAINTED AC (4.87)
Shoulder: Width and Type	0' 4' AC — 0'
Pavement: Width and Type	12' AC 24' AC — 24' AC
Shoulder: Width and Type	(0.05) 6' AC — 10' AC
Number of Traffic Lanes	2-12' 4-12' — 1-12' 1-12', 1-12' TRUCK CLIMBING LANE
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1-12' AC (0.00) (0.70) (0.95)
(Right Side)	(0.06) (0.19) (0.28) (1-12' (L) TL) (4.66) 9' (4.67) (4.75) 14' 12' (4.87)
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number (M/C = metal rails on concrete post)	(1.75) (1.76) (1.85) M/C — (2.42) (2.43) (2.52) (2.55) M/C — (3.20) (3.24) (3.30) M/C — (4.52) (4.56) (4.62) M/C
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	(0.21) (0.32) (1.60) –2 (1.90) (2.32) –2 (3.20) (4.12) –4 (4.24)
Vertical Curve: Crest or Sag, Curve Limits (CONTRA FLOW, EVES, 3:30 – 6:00 PM)	TRAFFIC FLOW (coming begins here) — (CONTRA FLOW, MORN., 5:30 – 8:30 AM) TRAFFIC FLOW
Area and Development:	URBAN (0.19) R U R A L
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	F L A T
Speed: 1-Design, 2-Posted	55 MPH (2) — (4.66) (4.76) 55 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	(0.70) 3 PHASE
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume-E	
DOD Sections	
Census Tracts	DOD 710
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	N H S
Previous Projects: Project No., Date and Limits	(0.05) (0.10) (4.76)
	36A-01-82 1983 (INTER IMPROV) — 37CD-01-80M 1980 (RESURFACE) (0.68) — (4.92)
	FAP E-5E 1933 (0.65)
	(0.08) FAP E-5E 1932 (0.70) — F-037-1(7) 1972 — (4.94)
HPMS	0.19 (0.19) 4.57 (4.76) 0.88

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
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FEB., 06	D.B.

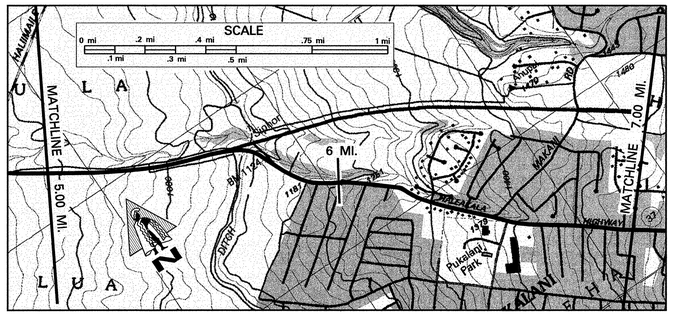
ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

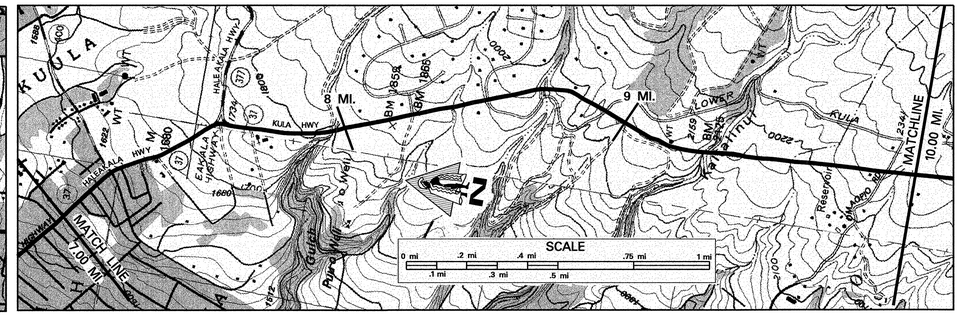
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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





SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations: 37 02 (2.40 MI); 37 03 (0.37 MI); 37 04 (2.27 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

Structures Over Road — Horizontal Clearance: 24'; 28'

Structures Over Road — Vertical Clearance: 8.17; 9.40

Structures Over Road — Horizontal Clearance

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

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

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

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

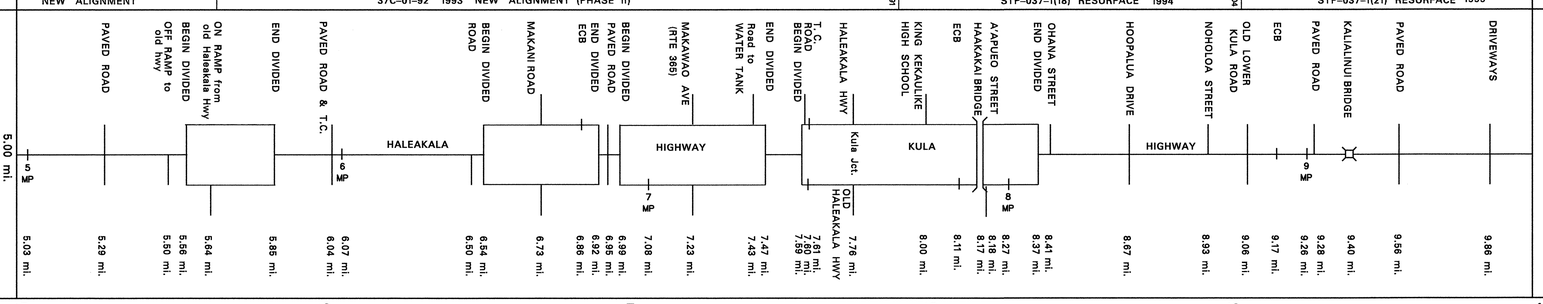
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (37C-01-97, 1998)

Project No., Type of Construction, and Year Constructed: 37C-02-90, 1993; 37CD-01-02M, REPAIR & MAINT., 2004

Project No., Type of Construction, and Year Constructed: NEW ALIGNMENT; 37C-01-92 1993 NEW ALIGNMENT (PHASE II); STP-037-1(18) RESURFACE 1994; STP-037-1(21) RESURFACE 1999

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided — Shoulder: Width and Type: 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 10' AC; 6' AC

Pavement: Width and Type: 36' AC; 12' AC; 36' AC; 12' AC; 24' AC; 12' AC; 12' AC; 24' AC

Shoulder: Width and Type: 10' AC; 0'; 10' AC; 0'; 10' AC; 0'; 10' AC; 0'; 6' AC

Median: Width and Type: 8' PAINT AC; 12' PAINT AC; 12' PAINT AC; 12' PAINT AC

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

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

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

Number of Traffic Lanes: 1 – 12' (1-12' AND 1-12' TRUCK CLIMBING LANE); 2 – 12'

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

(Right Side): 12'

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number: M/M; M/M; M/M; M/C

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –4; –3; –5; –3

~~Vertical Curve: Crest or Sag, Curve Limits~~ — CONTRA FLOW LANES: CONTRA FLOW 5:30 – 8:30 AM ← TRAFFIC

Area and Development: RURAL; URBAN; RURAL

Terrain: 1-Flat, 2-Rolling, 3-Mountainous: FLAT → ; ROLLING

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

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections: DOD 705; DOD 700

Census Tracts

Functional Classification: MINOR ARTERIAL; MAJOR COLLECTOR

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits:
- 37C-02-90 1993 (NEW ALIGNMENT); 37C-02-82 INTER. IMPROV, STP-037-1(19) 1996 (6" SHLDR & GUARD RAILS)
- 37C-01-81M 1981 (RESURFACE); 37C-01-88M 1988 RESURFACE
- 37C-01-91 1992 RIGHT TURN LANE; 37CD-01-80M 1980 RESURFACE; BF-037-1(1) 1962
- WDRC 14(1) 1948; FAP 5B 1929; RF-037-1(14) 1970

HPMS: 0.88; 2.12; 1.64; 0.63

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004 GN	
Revised	

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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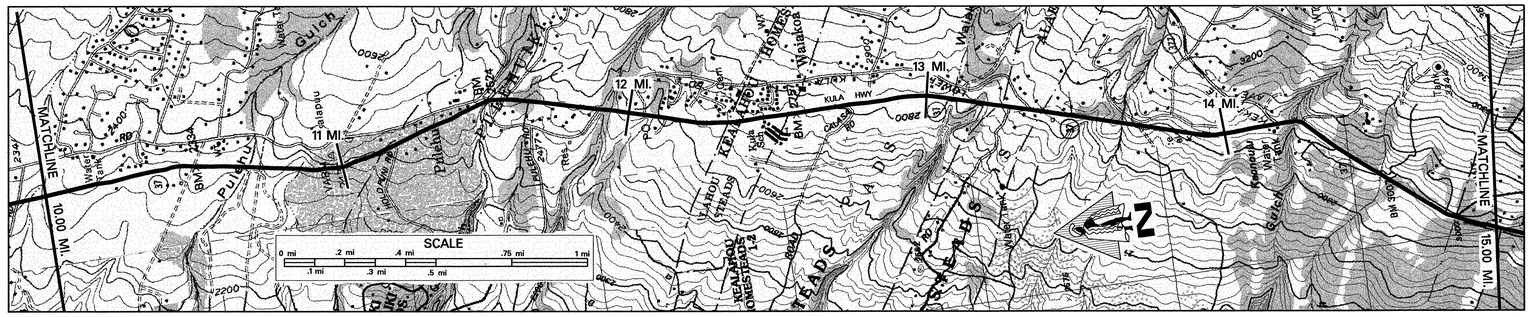
FEDERAL HIGHWAY ADMINISTRATION

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



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
- 37 04 (2.27 MI)
- 37C (9.25 MI)
- 37 05 (2.64 MI)
- 37 06 (2.29 MI)
- 14.25: END 37C – BEG. 37D ON KULA HWY AT THE CENTERLINE OF KEKAULIKE AVE

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 12.88
- 14.97

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- 10.03
- PRESTRESSED BEAM 1964, HS-20 164'
- RC DECK GIRDER 1933, H-15 75'

Vertical Clearance

Horizontal Clearance
- 28'
- 24'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 90' – 270'
- 14.33: 60'

Available Right of Way Width (Needs Study)
- PASTURE AND RANCH LANDS
- 11.99 12.01 12.49 12.75 13.19 13.36 13.39 13.50 13.90 13.90 14.07 14.35
- RESIDENTIAL

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

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

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

Project No., Type of Construction, and Year Constructed
- 37CD–01–02M, REPAIR & MAINT., 2004

Project No., Type of Construction, and Year Constructed
- STP–037–1(21) RESURFACE 1999
- 14.33: STP–037–1(18) WIDEN & RESURFACE 1994

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 2

10.00 mi. — OMAOPIO ROAD; KEONI PLACE; BEGIN DIVIDED; ROAD TO ENCHANTING GARDENS (10 MP); END DIVIDED; NAELE ROAD; PAVED ROAD; KULA HIGHWAY; HOLOPUNI ROAD ECB (11 MP); KE STREET; LOWER KULA ROAD; KAMEHAMEKI ROAD; KEAHUAIWI BRIDGE; LOWER KULA ROAD; POST OFFICE ROAD (12 MP); KULA ELEM. SCHOOL; KULA ELEM. SCHOOL; CALASA ROAD; COPP ROAD; NAALAE ROAD (13 MP); CULVERT; CULVERT; CULVERT; LOWER KULA ROAD; KEKAULIKE AVE (Route 377); KAIPOIOI BRIDGE (14 MP); CULVERT; POLIPOLI ROAD

10.03 mi. 10.12 mi. 10.20 mi. 10.25 mi. 10.33 mi. 10.45 mi. 10.63 mi. 10.85 mi. 11.31 mi. 11.29 mi. 11.28 mi. 11.45 mi. 11.65 mi. 11.78 mi. 12.02 mi. 12.17 mi. 12.29 mi. 12.23 mi. 12.58 mi. 12.68 mi. 12.85 mi. 12.95 mi. 13.30 mi. 13.39 mi. 13.76 mi. 13.88 mi. 13.99 mi. 14.10 mi. 14.26 mi. 14.30 mi. 14.33 mi. 14.65 mi. 14.97 mi.

CONTINUES ON SHEET #4 15.00 mi.

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; 22' AC
- Shoulder: Width and Type: 6' AC; 0; 6' AC; 2' – 6' AC

Divided Highway
- Median: Width and Type: 10.20; 12' PAINT; 10.48
- Shoulder: Width and Type: 0
- Pavement: Width and Type: 12' AC
- Shoulder: Width and Type: 6' AC

Number of Traffic Lanes: 2 – 12'; 14.33: 2 – 11'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 10.27 10.40

(Right Side): 10.27 10.39

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

Sidewalk: Width and Type (Right and Left)

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

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

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

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 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

HPMS: (0.63) 10.03; 2.65; 12.88; 1.57; 14.25; 0.72; 14.97 (2.06)

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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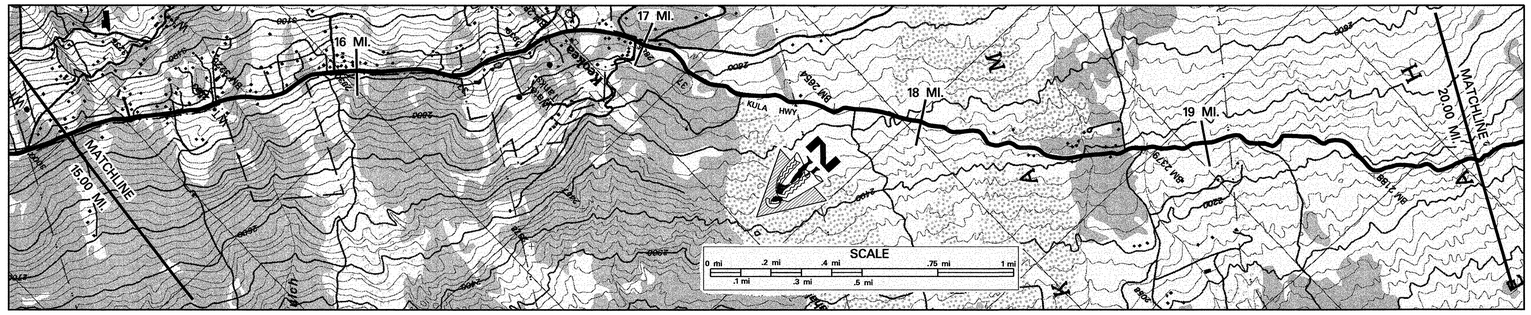
Total Route Length: 21.39 miles
a. **Survey Length:** 21.39 miles
b. **Proposed Length:** 0.00 miles
c. **Other Length:** * 0.00 miles
*

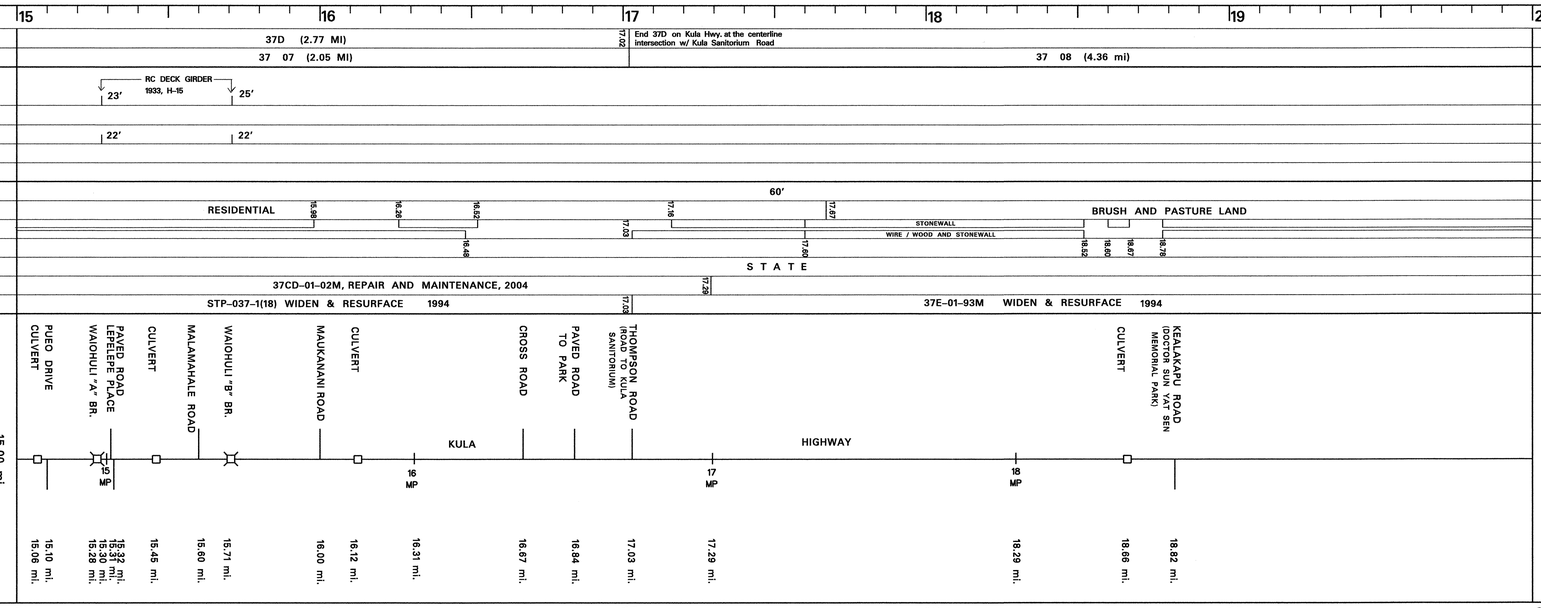


SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	37D (2.77 MI); 17.00 End 37D on Kula Hwy. at the centerline intersection w/ Kula Sanitorium Road
ADT Sections; ADT; Traffic Count and Truck Weight Stations	37 07 (2.05 MI); 37 08 (4.36 mi)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	RC DECK GIRDER 1933, H-15: 23' 25'
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	22' 22'
Structure Crossing Road – Vertical Clearance	
Structure Crossing Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	RESIDENTIAL; 15.98 16.28 16.52 17.16 17.67; BRUSH AND PASTURE LAND
Right of Way Fence: Type – Right and Left (All fences: Wire on Wood unless indicated)	STONEWALL; 17.03 18.46 17.60 18.52 18.60 18.67 18.76; WIRE / WOOD AND STONEWALL
Control of Access: 1–None, 2–Partial, 3–Full	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	37CD-01-02M, REPAIR AND MAINTENANCE, 2004; 17.25
Project No., Type of Construction, and Year Constructed	STP-037-1(18) WIDEN & RESURFACE 1994; 17.03; 37E-01-93M WIDEN & RESURFACE 1994

Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	2' – 6' AC
Divided Highway – Undivided – Pavement: Width and Type	22' AC; 17.03; 18' AC
Divided Highway – Undivided – Shoulder: Width and Type	2' – 6' AC; 2' AC
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – 11'; 17.03; 2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left) (ALL GUTTERS 2' AC)	
Protective Devices: Type, Location and Number (ALL GUARDRAILS METAL ON METAL)	
Illumination: Type, Location and Number	INCANDESCENT
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	16.11 – 1 16.29
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
Speed: 1–Design, 2–Posted	35 MPH (2); 16.73; NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
	37D-01-75 1978 (WIDEN AND RESURFACE); 17.03
	FAP 13A, 1932; 16.85 FAP E-13A 1932 17.01; COUNTY
HPMS	2.06; 17.03; 4.36

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 37
HALEAKALA HWY & KULA HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

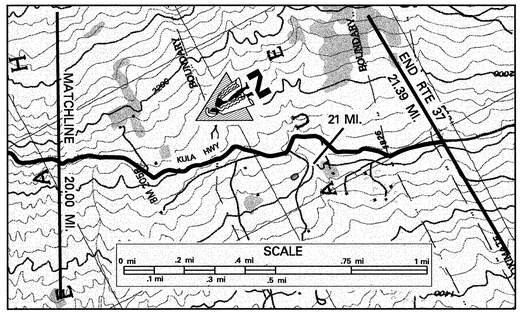
Total Route Length: 21.39 **miles**

a. Survey Length: 21.39 **miles**

b. Proposed Length: 0.00 **miles**

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

*

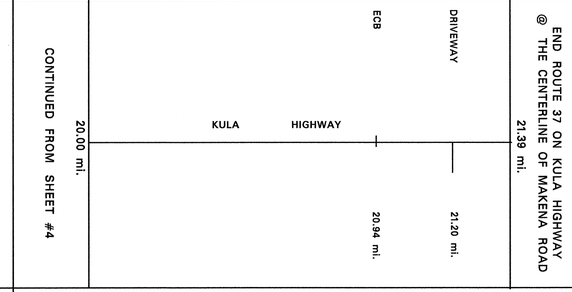


	SCALE: (In Miles) 4" = 1 mile	20 … 21 … 22 … 23 … 24 … 25
	Maintenance Control Sections : Length and Description	
	ADT Sections; ADT; Traffic Count and Truck Weight Stations	37 08 (4.36 MI)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
	Vertical Clearance	
	Horizontal Clearance	
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
	Right of Way Width (min.–max.) if varies	60'
	Available Right of Way Width (Needs Study)	BRUSH AND PASTURE LAND
	Right of Way Fence: Type – Right and Left	WIRE ON WOOD / WIRE ON WOOD (20.86)
	Control of Access: 1–None, 2–Partial, 3–Full	
	Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
	Project No., Type of Construction, and Year Constructed	37E-01-93M RESURFACE
	Project No., Type of Construction, and Year Constructed	1994

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage



	SCALE: (In Miles) 4" = 1 mile	20 … 21 … 22 … 23 … 24 … 25
Divided Highway – Undivided	Shoulder: Width and Type	2' AC
	Pavement: Width and Type	18' AC
	Shoulder: Width and Type	2' AC
	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
	Number of Traffic Lanes	2 – 9'
	Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
	(Right Side)	
	Frontage Road: No. of Lanes, and Width (Right and Left)	
	Sidewalk: Width and Type (Right and Left)	
	Curb and/or Gutter: Type (Right and Left)	
	Protective Devices: Type, Location and Number	
	Illumination: Type, Location and Number	
	Curves: Degree of Curvature (Right and Left)	
	Superelevation (Range)	
	Grades: % Grade, Positive or Negative	
	Vertical Curve: Crest or Sag, Curve Limits	
	Area and Development:	RURAL
	Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING
	Speed: 1–Design, 2–Posted	NOT POSTED
	Intersection Control Devices: Type, Location and Cycle Timing	
	Sight Distance: Minimum Passing PSD–	
	Minimum Stopping SSD–	
	Pavement Striping: No Passing Zones	
	Capacity: Service Volume–E	
	DOD Sections	
	Census Tracts	
	Functional Classification	MAJOR COLLECTOR
	National Highway System (NHS)	
	Previous Projects: Project No., Date and Limits	COUNTY
	HPMS	4.36 (21.39)
	SCALE: (In Miles) 4" = 1 mile	20 … 21 … 22 … 23 … 24 … 25

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

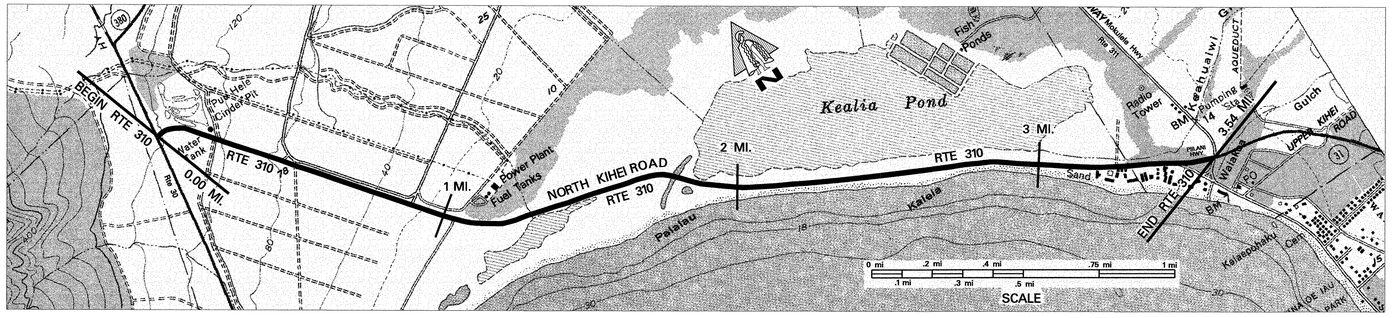
MAUI RTE 310
NORTH KIHEI ROAD, PIILANI HWY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	3.54	MILES (a+b)
a. Existing Length:	3.54	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	3.54	MILES (a+b, less c)
a. Existing Length:	3.54	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
0.10 Begin 310A on North Kihei Road @ End Divided Hwy — 310A (0.78mi.) — 0.88 End 310A, 0.88 Miles from Begin Rte 310 — None for County — 3.36
ADT Sections; ADT; Traffic Count and Truck Weight Stations: 310 01 (1.04 mi.) — 1.04 — 310 02 (2.50 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: 200' 130' (0.09–0.18) 60' (0.67) 40' (3.36) 105' (3.31) 120'–140'

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

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

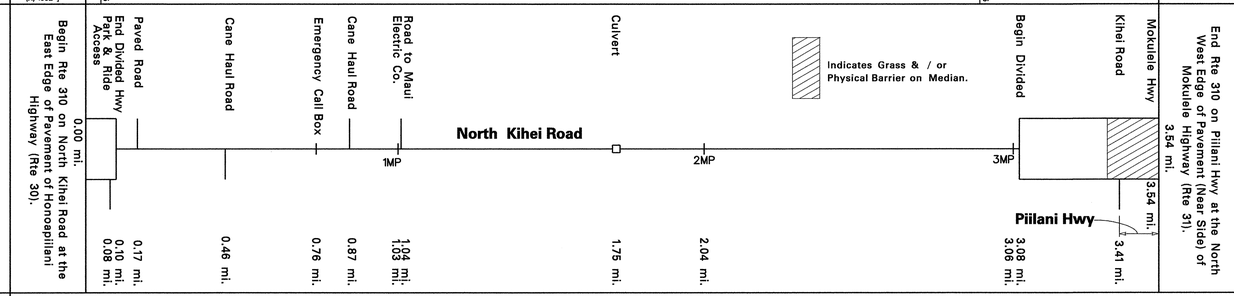
Control of Access: 1–None, 2–Partial, 3–Full

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): STATE (0.16)

Project No., Type of Construction, and Year Constructed: [BR-NH-030-1(24) New Alignment, 2002]

Project No., Type of Construction, and Year Constructed: [310A-01-91M (R) 1992] — 0.05 — 310A-01-00M, (R) 2001 — 2.85 — STP-031-1(8), (R) 1996

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 10' AC (0.08) | 6' AC (0.10–3.06) | 10' AC
- Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (42' AC) 36' AC (0.03) | 24' AC (0.08) | 22' AC (0.10–3.06) | 12' AC
- Shoulder: Width and Type: 0 (0.03) | 10' AC (0.08) | 6' AC (0.10–3.06) | 0' | 2' AC

Divided Highway – Divided
- Median: Width and Type: 0'–10' Painted AC (0.03–3.06) | 0'–12' Painted AC (3.06–3.37) | 8'–12' Grass w/ Raised Curb
- Shoulder: Width and Type: 0 (0.03) | 0'
- Pavement: Width and Type (Note: Pavement Widths Include Turning Lanes from 0.00 to 0.10): (16' AC) 24' AC (0.03) | (12' AC) (0.15–3.06) | 12' AC
- Shoulder: Width and Type: 10' AC (0.03) | 10' AC (0.15–3.06) | 10' AC

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

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

(Right Side): 1–12' (R) TL (0.03–0.08) | Two-Way (L) Turning Lanes (3.15–3.31) | All 12' Turning Lanes

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

Sidewalk: Width and Type (Right and Left)

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

Protective Devices: Type, Location and Number

Illumination: Type, Location and Number: 4 M.V. (3.15–3.41)

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –3 (0.93) 0 (1.29–1.64) –1 (2.00–2.26) 0 (2.38–2.76)

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural (1.75) Urban

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

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

Intersection Control Devices: Type, Location and Cycle Timing: 0.00 3 Phase (3.10–3.54) 3 Phase

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Minor Arterial

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 310A-01-91M (R), 1992
- HWY-M-02-76M (R) 1976
- WDRC 14(1) 1948
- County
- [TQF-RF-031-1(6), 1981 (New Construction)] (3.32)

HPMS: 0.00 — 1.75 — 1.75 — 1.35 — 3.10 — 0.50 — 3.60

SCALE: (In Miles) 4" = 1 mile

Date Released	
July 2002, DB	
Revised	
Aug. 04	D.B.

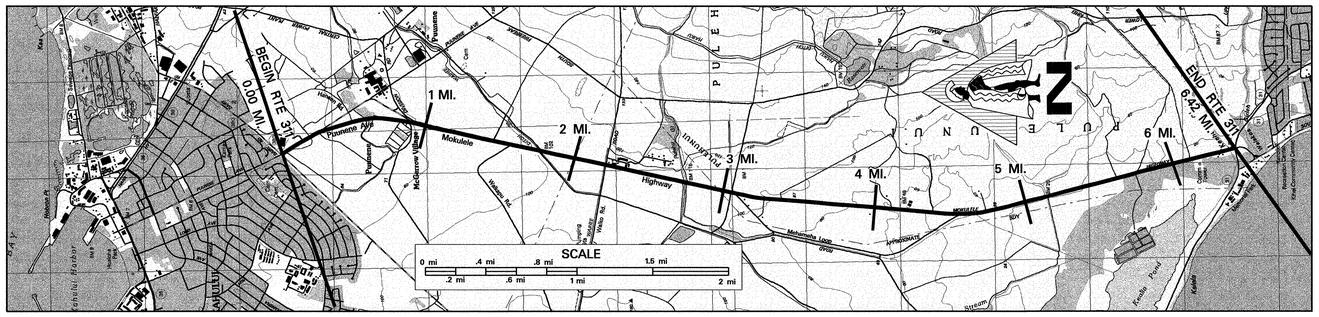
ROAD INVENTORY
MAUI RTE 311
PUUNENE AVENUE, MOKULELE HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 6.42 miles
- a. Survey Length: 6.42 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
- ADT Sections; ADT; Traffic Count and Truck Weight Stations: 311 01 (0.58 Mi.) 0.58; 311 02 (5.84 Mi.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: 10 CELL, CONC. BOX CULVERT; 134'–3" (2.75); 20'; Conc. Slab 17'– 5"; 106'–8"; 25'; 36'
- Vertical Clearance
- Horizontal Clearance

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 200' – 2.18'; 5.43; 40'

Available Right of Way Width (Needs Study)

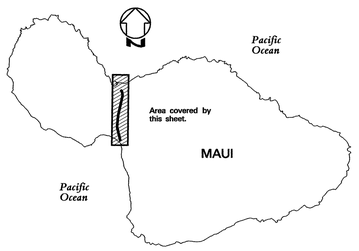
Right of Way Fence: Type – Right and Left: 2.21 – 2.41 Chain Link; 5.68 Wire on Wood Posts

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C): 70+00; State; 181+15.32

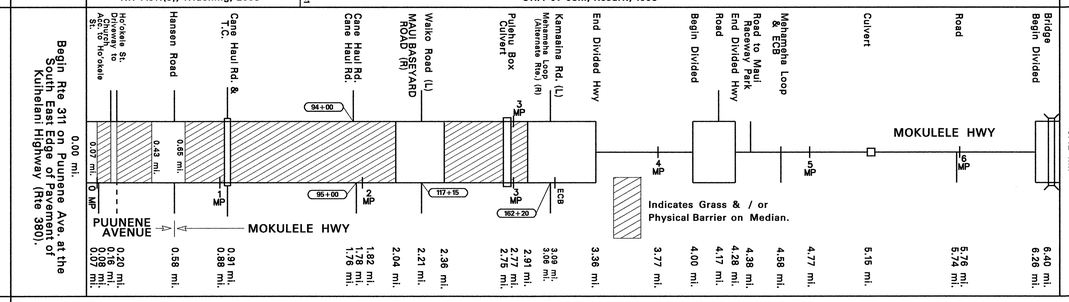
Project No., Type of Construction, and Year Constructed: 1.32; NH–0311(5), WIDENING, 2005; 5.43

Project No., Type of Construction, and Year Constructed: NH–A311(3), Widening, 2003; 1.41; 311A–01–93M, Resurf., 1993



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided
- Shoulder: Width and Type: 8' AC; 4' AC
- Pavement: Width and Type: 24' AC; 22' AC; 11' AC; 22' AC; 11' AC
- Shoulder: Width and Type: 0; 4' AC; 0; 4' AC; 0; 4' AC; 0; 4' AC; 0

Divided Highway – Median
- Median: Width and Type: 12' AC; 16' (16' AC Paint); 16' Grs.; 12' AC; 16' Grass; 12' Paint AC; 16' Grass; (8' AC); (0'–12' Painted AC); (12'–24' Painted AC); 9' Painted AC; (0–10' Painted AC)

Divided Highway – Undivided
- Shoulder: Width and Type: 4' AC; 0; 4' AC; 0; 0; 0
- Pavement: Width and Type: 24' AC; (Taper 24'–12'); 11' AC; 11' AC
- Shoulder: Width and Type: 8' AC; 4' AC; 4' AC

Number of Traffic Lanes: 4–12'; (2–12'); 2–11'

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

(Right Side) (All Turning Lanes 12')

- 10' AC Bike Route (12' AC Bike Route); 9' (L) 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)

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

Illumination: Type, Location and Number: 11 HPS; 1.50; 3 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Urban; 2.21; Rural; 5.75; Urban

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat (35 MPH (1))

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

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

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Principal Arterial

National Highway System (NHS): NHS

Previous Projects: Project No., Date and Limits
- 311A–02–93 Imprv. 1994; 0.68; 1.80; RS–0311(1), Resurf., 1986; 4.98; SOS–0900(21), 1984 Safety Imprv.
- 0.67; 311A–01–93M, Resurf., 1993

HPMS
- County: 0.67; 0.67; 1.63; 2.30; 3.54; 5.84; 0.42; 6.26; 0.16; 6.42

SCALE: (In Miles) 2" = 1 mile

Date Released	
Feb 2004,	D.B.
Revised	
May 04	D.B.
Sept 04	D.B.
Feb., 06	D.B.

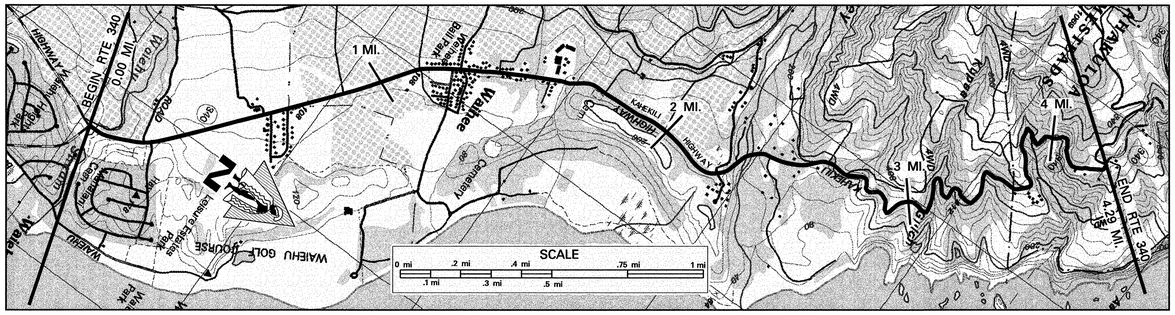
ROAD INVENTORY
MAUI RTE 340
KAHEKILI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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



SCALE: (In Miles) 4" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
340 01 (2.21 MI) — 2.21 — 340 02 (2.06 MI)

Structure Carrying Road
- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: CULVERT 1967 HS20 34' — 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' — 2.27 — 40'

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

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

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

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

Project No., Type of Construction, and Year Constructed: 3400B-01-97M RESURFACE — 0.95 — 340D-01-93M RESURFACE

Project No., Type of Construction, and Year Constructed: 1998 — 1994

Road Diagram

* MP = Milepost Signage

Begin Route 340 on Kahekili Highway at the centerline junction with Waiehu Beach Road at Wailuku Urban Boundary (See End Route 3400 2.62 mi. on photolog)

0.00 mi. — ECB WAIEHU STR. CULVERT — 0.02 mi.
RD TO CEMETERY — 0.05 mi.
MALAIHI ROAD — 0.13 mi.
HOAUNA STREET — 0.18 mi.
NA WAI EHA PL. BEGIN DIVIDED — 0.21 mi.
END DIVIDED — 0.41 mi.
AKAKIU STREET — 0.44 mi.
KOHOMUA STREET — 0.51 mi.
KAHEKILI — 0.62 mi.
CULVERT — 0.67 mi.
HALEWAIU ROAD — 0.92 mi.
KUHINA ROAD — 1.24 mi.
WILIPOHAKU ROAD — 1.26 mi.
4 MP — 1.28 mi.
PAVED ROAD — 1.37 mi.
UNPAVED ROAD — 1.51 mi.
UNPAVED ROAD — 1.53 mi.
CULVERT — 1.78 mi.
UNPAVED ROAD — 1.80 mi.
ECB — 1.97 mi.
OKI PLACE — 2.01 mi.
WAIHEE VALLEY RD — 2.10 mi.
PAVED ROAD — 2.21 mi.
WAIHEE BRIDGE #2 — 2.30 mi.
5 MP — 2.31 mi.
PAVED ROAD — 2.37 mi.
HIGHWAY — 2.42 mi.
CULVERT — 2.64 mi.
CULVERT — 3.19 mi.
ECB — 3.30 mi.
CULVERT — 3.31 mi.
6 MP — 3.36 mi.
CULVERT — 3.50 mi.
CULVERT — 3.69 mi.
CULVERT — 3.87 mi.
CULVERT — 4.05 mi.
CULVERT — 4.14 mi.
RD TO CAMP MALUHIA — 4.27 mi.
END ROUTE 340 ON KAHEKILI HIGHWAY AT THE CENTERLINE ENTRANCE TO CAMP MALUHIA. — 4.29 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided
- **Shoulder: Width and Type**: 6' AC — 0.28 — 2' AC — 1.18 — 0 — 1.52 — 2' AC — 1.99 — 2' AC & 10' Grass — 2.21 — 2' AC — 2.42 — 2' – 4' AC
- **Pavement: Width and Type**: 24' AC — 18' AC — 9' AC — 18' AC — 24' AC — 18' AC — 25' AC — 18' AC — 24' AC — 18' AC
- **Shoulder: Width and Type**: 6' AC — 2' AC — 0 — 2' AC — 1.23 — 2' AC — 2' AC & 10' Grass — 2' AC — 2' – 4' AC

Divided Highway – Median: Width and Type: 0.41 — 0' – 6' PAINT — 0.51 — 2' AC / 6' Grass — 1.23

Divided Highway – Shoulder: Width and Type: 0

Divided Highway – Pavement: Width and Type: 9' AC

Divided Highway – Shoulder: Width and Type: 2' AC — 1.18 — 1.28 — 1.45 — 1.52 — 1.99 — 2.42

Number of Traffic Lanes: 2 – 12' — 0.28 — 2 – 9' — 2–12' — 2 – 9' — 2 – 9' — 2 – 12' — 2 – 9'

Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side): 1–14' (L), 1–11' (R)

(Right Side): 0.07 — 0.21

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

Sidewalk: Width and Type (Right and Left): 1.12 — 4' CONC. — 1.52 — 4.14 — 4.22

Curb and/or Gutter: Type (Right and Left): AC CURBS — 0.20 — 0.28 — 6' CONC. GUTTERS — 2.21 — 2.27 — 2.39 — 2.42 — 2.46 — 3' CONC. GUTTERS — 3' AC GUTTER

Protective Devices: Type, Location and Number: METAL RAILS ON CONCRETE POSTS — 0.04

Illumination: Type, Location and Number: 1.18 — 7 MV — 1.62 — 1 MV — 2.27 — 2.37

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: RURAL

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: ROLLING — 0.28 — FLAT — 1.14 — 1.67 — ROLLING — 2.42 — MOUNTAINOUS

Speed: 1–Design, 2–Posted: 35 MPH (2) — 20 MPH (2) — NOT POSTED — 20 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 1.08 — 1.13

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits: S-0341(3) — 1966 — 0.21 — COUNTY — 1.99 — S-0330(2) — 1967 — 2.42 — COUNTY

HPMS: 0.00 — 1.24 — 1.24 — 0.97 — 2.21 — 0.21 — 2.42 — 1.87 — 4.29

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

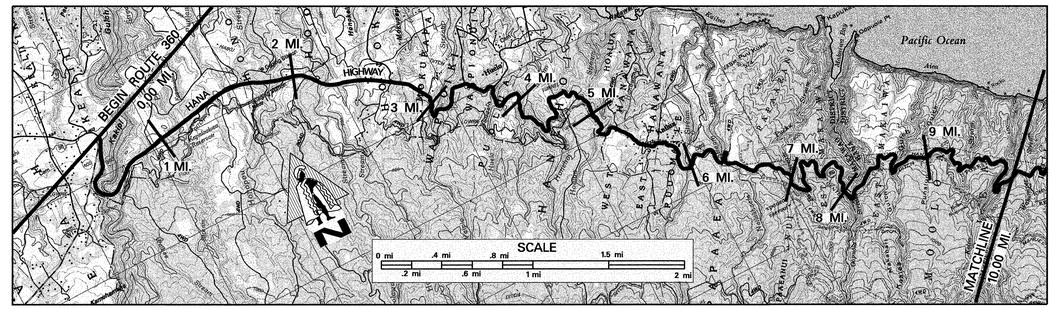
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 34.93 miles
- a. Survey Length: 34.93 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 2" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 360 01 (5.86 mi.)
- 360 02 (25.52 mi.)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed
- Culvert 1966 HS 20 — 33'
- Steel Multistringer 1941 HS 20 — 210'
- Tee Beam 1929 — 49'
- Tee Beam 1929 – H15 — 40'
- Tee Beam 1930 – H15 — 64'
- Tee Beam 1925 – H15 — 30'
- Slab 1928 – H15 — 18'
- Tee Beam 1928 – H10 — 22'
- Slab 1911 – H15 — 41'

Vertical Clearance
- 0.46; 2.14; 5.09; 5.86; 6.22; 7.94; 8.24; 8.57; 9.88

Horizontal Clearance
- 24'; 24'; 16'; 20'; 19'; 20'; 16'; 15'; 12'

Structure Over Road — Vertical Clearance

Horizontal Clearance

Right of Way Width (min.–max.) if varies
- 80'–360'; 0.76; 80'–160'; 2.79; 50'–135'; 4.82; 50'; 5.87; 40'

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

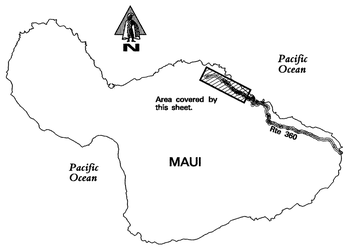
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood)
- Wire 2.71–2.89; W/W 3.55–3.88; W/W 4.70–4.80; W/W 5.86–6.13; W/W 6.42–6.77; W/W 6.89–6.75; W/W 8.30–8.44; W/W 8.73–8.90; W/W 9.04; W/W 9.44–9.65

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

Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
- State; (360AB–01–00M, 2002 Repairs & Maintenance) 9.87–9.92

Project No., Type of Construction, and Year Constructed
- STP–0900(39), (R) 1996; 3.37; 360A–01–80, 1981; 4.23; 4.15; 360A–01–94M, 1995 (Resurfacing & Improvements)

Project No., Type of Construction, and Year Constructed
- 360A–01–82, 1983 (Imprv.) & 360A–01–83M, 1983 (Resurfacing)



Road Diagram
* MP=Milepost Signage

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

HANA HIGHWAY

Road Culvert; Road Culvert; Road; Ualena Lp.; Hoolava Br.; Ualena Loop 2.63 mi.; E. Waipio Rd.; Culvert; Hoolua Bridge; Culvert; Driveway; Kailua Bridge; Nahiliilaele Br.; PA Culvert; Opuola Br.; Makanali Br.; Kaalea Br.; Kolea Culvert; Waikamoi Br. Trail (R); Waikamoi Br.

MP 1, 2, 3, 4, 5, 6, 7, 8, 9

0.42 mi.; 0.52 mi.; 0.69 mi.; 1.02 mi.; 1.67 mi.; 1.89 mi.; 2.01 mi.; 2.14 mi.; Honokala 2.63 mi.; 3.01 mi.; 3.38 mi.; 3.96 mi.; 4.27 mi.; 4.94 mi.; 5.09 mi.; 5.43 mi.; 5.71 mi.; 5.86 mi.; 6.22 mi.; 6.91 mi.; 7.06 mi.; 7.89 mi.; 7.94 mi.; 8.24 mi.; 8.57 mi.; 8.92 mi.; 9.16 mi.; 9.28 mi.; 9.46 mi.; 9.88 mi.

Continued on Sheet #2.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type — 6'–8' AC; 2.81; 2' AC; 3.37; 2'–4' Grs.; 3.61; 0; 4.48; 2'–4' Grs.; 5.83; 0–2' Grass; 6.42; 2'–4' Grs.; 6.89; 0–2' Grass
- Pavement: Width and Type — 24' AC; 2.84; 20' AC; 4.15; 18' AC
- Shoulder: Width and Type — 4'–6' AC; 1.98; 6'–8' AC; 2.40; 4'–6' AC; 2.84; 2'–4' AC; 3.34; 0–2' Grass

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

Number of Traffic Lanes
- 2–12'; 2.84; 2–10'; 4.15; 2–9'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left)
- (C. C&G); Conc. C&G; (Conc. C&G); Conc. C&G; (Conc. 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: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative
- 1.13; +3; 1.27

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous — 2.84; Mountainous

Speed: 1–Design, 2–Posted
- 35 MPH (2) Not Posted; 2.87; 25 MPH (2); 5.14; 15 MPH (2); 15 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 0.42; 360A–01–86M, (R) 1986; 2.42; 2.67; 2.79; 360A–01–80, (Imprv) 1981; 4.47
- S–0360 (4), 1963; S–0360(3), 1963; F–32 (2), 1946,1957; Lieb #5839, 1956; C–360–01–63, 1967; 2.97; 4.41; County; 4.85; A–360–01–62,1962

HPMS
- 0.00; 30 + 40'; 48 + 64.21'; 219 + 00; 2.63; 319 + 00; 0 + 00'; 2.63; 130 + 72.45'; 10.74

SCALE: (In Miles) 2" = 1 mile

Date Released	
Oct. 2003, D.B.	
Revised	
Sept. 04	D.B.

ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY

STATE OF HAWAII
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HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

IN COOPERATION WITH THE
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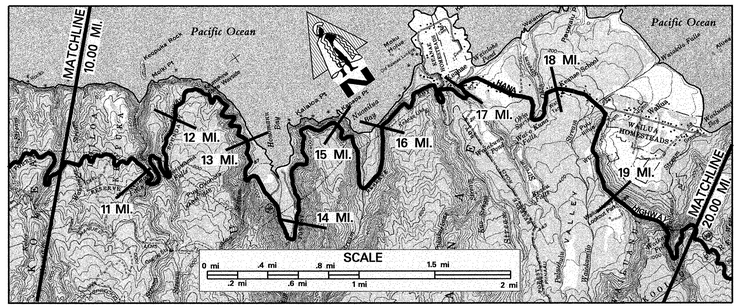
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 34.93 miles
a. Survey Length: 34.93 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



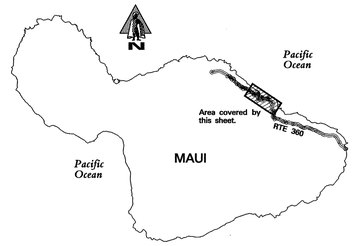
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
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

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.)
360 02 (25.52 mi.)

Tee Beam 1912 – H15 56' | 10.97 | 15'
Tee Beam 1912 – H15 34' | 11.44 | 12'
Tee Beam 1911 – H15 34' | 13.16 | 12'
Tee Beam 1911 – H15 48' | 13.71 | 12'
Tee Beam 1911 – H15 35' | 15.39 | 21'
Tee Beam 1916 – H15 28' | 16.60 | 19'
Tee Beam 1916 – H15 31' | 16.77 | 20'
Tee Beam 1921 – H15 24' | 18.07 | 22'
Conc. Masonry Arch 1926 – H15 108' | 19.39 | 17'

(40'–115') 14.19 – 14.31; 40'; 17.28; Res. Area 16.90 – 17.28; Heavy Brush & Trees; Res. Area 18.24; Heavy Brush, Trees & Steep Cliffs
Bushes & Trees
Wire 10.29 – 10.73; 11.07 – 11.20 (ROCKFALL PROTECTION)
None
(360AB–02–98, 2005 ROCKFALL MITIGATION) 11.07 – 11.20
State
(360AB–01–00M (Repairs & Maintenance) 2002) 13.92 – 14.06
(360B–01–93M (R) 1994) 18.74 – 18.81; (360B–01–95M (R) 1997) 19.39
360A–01–94M, 1995 Resurfacing & Improvements 13.92
360AB–01–98M (R) 1999
(360AB–01–88 (Resurf & Improv.) 1990) 18.74 – 19.39



Road Diagram

* MP = Milepost Signage

Continued from Sheet #1.

Culvert; "Garden of Eden" Arboretum; Puohakamoa Br.; Haipuaena Br.; Culvert; Kaumahina Wayside Park Rd.; Culvert; Culvert; Culvert; Kolea Br.; Culvert; Dirt Road; Honomanu Br.; Campground Rd.; Culvert; Culvert; Culvert; HANA HIGHWAY; Culvert; Nuaailua Br.; Culvert; Culvert; To County Garage; Keanae Arboretum (R); Pilinau Br.; Keanae Home Rd.; Palauhulu Br.; Culvert; Culvert; Culvert; Culvert; "Half Way to Hana" Fruit Stand (Wainau); Culvert; Conc. Bridges; Keanae School; Culvert; Culvert; Rds. to Wailua Homesteads; Waiokamilo Br.; Culvert; Culvert; Culvert; Culvert; Rd. to Keanae Overlook ("Wailua Valley State Wayside"); Wailua Valley Lookout (L); Waikani Br.; Culvert

MP 11 (10.18 mi.); 10.49 mi.; 10.97 mi. 10.94 mi.; 11.44 mi.; 11.89 mi. 11.86 mi.; MP 12 (Post Only) (12.14 mi.); 12.31 mi.; 12.56 mi.; 12.68 mi.; 12.88 mi.; MP 13 (13.16 mi.); 13.37 mi.; 13.48 mi.; 13.71 mi.; 13.94 mi. 13.87 mi.; MP 14 (14.33 mi.); 14.47 mi.; 14.70 mi.; MP 15 (14.86 mi.); 15.39 mi.; 15.52 mi. 15.42 mi.; 15.55 mi.; MP 16 (16.11 mi.); 16.34 mi. 16.30 mi.; 16.46 mi.; 16.55 mi.; 16.60 mi.; 16.77 mi.; 16.84 mi.; 16.88 mi.; 16.98 mi.; 17.08 mi.; MP 17 (17.25 mi.); 17.32 mi.; 17.50 mi.; 17.62 mi.; 17.70 mi.; 17.77 mi.; 17.87 mi.; 17.95 mi.; MP 18 (17.88 mi.); 18.07 mi.; 18.10 mi.; 18.25 mi.; 18.45 mi.; 18.53 mi.; 18.59 mi.; 18.87 mi. 18.80 mi.; 19.06 mi.; MP 19 (19.39 mi.); 19.85 mi.

Continued on Sheet #3.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type
Divided Highway
Median: Width and Type
Median Barriers:
Shoulder: Width and Type
Pavement: Width and Type
Shoulder: Width and Type
Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number — Metal Rails on Metal Posts Unless Otherwise Noted.
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits

0–2' Grass; 2' AC 16.63 – 17.22; 2' Grs. 17.41; 0 17.28; 2'–4' Grs. 18.18; 0–2' Grass
18' AC; 16' AC 13.92; 20' AC 14.19 – 14.31; 2' AC; 16' AC; 16' AC 18.74; 18' AC 19.42; 16'–18' AC
0–2' Grass; 0–2' Grass; 15' Grv. 15.81 – 16.06; 0–2' Grass; 2'–4' Grs. 16.92 – 17.20; 0–2' Grass
2–9'; 2–8' 13.92; 2–10' 14.19 – 14.31; 2–8'; 2–9' 18.74; 19.42; 2–(8'–9')
Concete Barrier; Masonry Wall; Masonry Wall; 4' Conc. Swale; (Conc. Gutter); (Conc. Barrier); Gabion Retaining Wall; 4' Conc. Gutter; (Conc. Barrier); 8' AC Gutter; Masonry Wall; 2' Conc. Curb & Gutter; Masonry Walls; (Conc. Gutter)
Rural
Mountainous
15 MPH (2); 15 MPH (2); 30 MPH (2); 35 MPH (2); 30 MPH (2); 15 MPH (2); 15 MPH (2)
360A–01–82, 1983 (Improv.) & 360A–01–83M, 1983 (Resurface) 13.92 – 13.96; 14.19 – 14.31 (360A–04–95, (Realignment) 1999); 15.84 – 16.03 (360A–01–97 (Improv.) 1999); 360AB–01–88 (Resurface & Improv.) 1990; 18.74 – 360B–01–93M, 1994 (R); 19.42 – 19.61 360B–01–85, 1986
County
HPMS: 10.74; 13.37; 2.93; 16.30; 1.47; 17.77; 1.62; 18.39; 11.88
SCALE: (In Miles) 2" = 1 mile

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MAUI RTE 360
HANA HIGHWAY

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Total Route Length: 34.93 miles
- a. Survey Length: 34.93 miles
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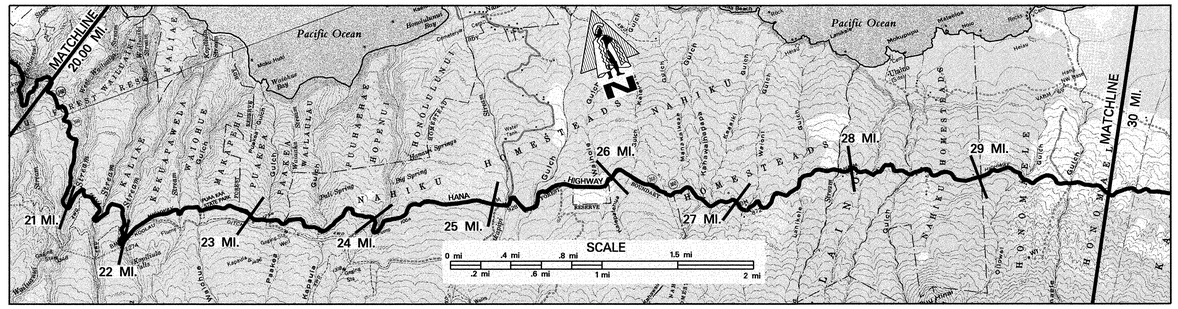


SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description: 360 B (16.57 mi.); 360 02 (25.52 mi.)

ADT Sections; ADT; Traffic Count and Truck Weight Stations

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

Structure	Length	Type	Year
20.85	62'	Tee Beam	1937
21.30	34'	Tee Beam	1926
21.81	76'	Tee Beam	1926
22.31	20'	Tee Beam	1926
22.47	40'	Tee Beam	1937
22.96	20'	Tee Beam	1920
23.33	49'	Tee Beam	1926
23.99	60'	Conc. Masonry Arch	1926
24.16	23'	Tee Beam	1926
24.98	40'	Tee Beam	1926
25.30	60'	Conc. Masonry Arch	1926
25.42	24'	Tee Beam	1926
25.95	24'	Tee Beam	1926
26.48	24'	Tee Beam H15	1926
26.65	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
27.86	28'	Tee Beam – H15	1917
27.92	39'	Tee Beam – H15	1914
28.31	48'	Slab 1908 – H15	
28.98	22'	Tee Beam 1914 – H15	
29.54	38'	Tee Beam 1924 – H15	

Structure Carrying Road — Vertical Clearance: 20' | 18' | 14' | 22' | 13' | 12' | 16' | 20' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 16' | 13' | 16' | 16'

Structure Carrying Road — Horizontal Clearance:

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.

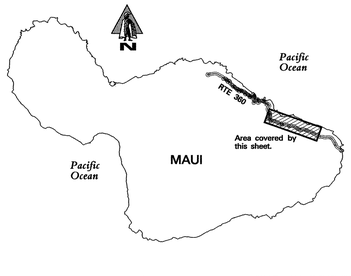
Right of Way Fence: Type – Right and Left (W/W = Wire on Wood): W/W; W/W; W/W; W/W; Wire on Wood; W/W; W/W

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

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

Project No., Type of Construction, and Year Constructed: (360AB–01–88 (R) 1990)

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



Road Diagram
* MP = Milepost Signage

Continued from Sheet #2.

HANA HIGHWAY

Culvert; Culvert; Culvert; W. Wailuaiki Br.; Culvert; Culvert; E. Wailuaiki Br.; Culvert; Culvert; Koppiliula Br.; Culvert; Culvert; Waichue Br.; Culvert; Parking Area (L); Picnic Area (R); Pakea Br.; Culvert; Culvert; Unnamed Br. #3; Culvert; Unnamed Br. #2; Culvert; Unnamed Br. #1; Culvert; Kapaula Br.; Culvert; Hanawi Br.; Bridge; E. Hanawi Br.; Lower Nahiku Rd.; Makapipi Br.; Kuhiwa Br.; Kupukoi Br.; Kahalaowaka Br.; Pupape Br.; Kahawaihappa Br.; Keaaiki Br.; Waiohi Br.; W. Waiohi Br.; Culvert; Culvert; Lanikele Br.; Ulaino Br.; Heleleikeoha Br.; Mokulehua Br.; Oliwai Br.; Honomaele Br.; Bridge

Continued on Sheet #4.

SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided

- Shoulder: Width and Type: 0–2' Grass; 2' AC; 0–2' Grass
- Pavement: Width and Type: 16'–18' AC; 18' AC
- Shoulder: Width and Type: 0–2' Grass

Divided Highway — Divided

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

Number of Traffic Lanes: 2–(8'–9'); 2–9'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left): (Conc. Gutter); (Masonry Wall); (Conc. Barrier); Conc. Gutter

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

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

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

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

HPMS: County; County to State; 11.88

SCALE: (In Miles) 2" = 1 mile

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ROAD INVENTORY
MAUI RTE 360
HANA HIGHWAY & KEAWA PLACE

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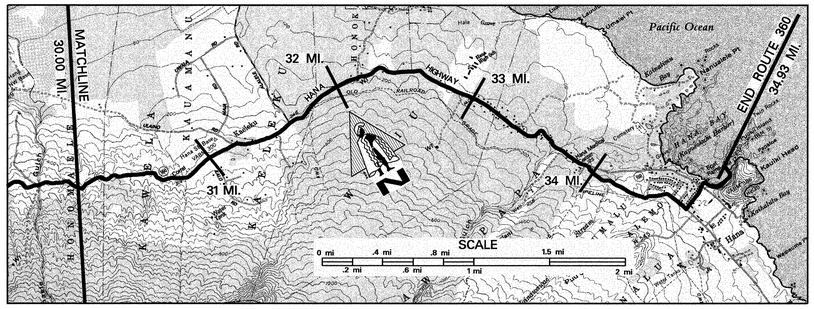


SCALE: (In Miles) 2" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
- 360 02 (25.52 mi.) — 31.36 — 360 03 (2.30 mi.) — 33.66 — 360 04 (1.18 mi.)

Structure Carrying Road
- Bridges (Over 20'): Length, Type, Capacity and Year Constructed: Tee Beam – H20 1947
- Vertical Clearance: 73' (at 28.44)
- Horizontal Clearance: 26'

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

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

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

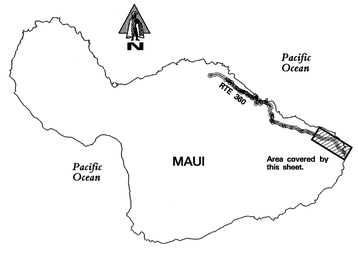
Right of Way Fence: Type – Right and Left (W/W=Wire on Wood): Wire; Wire; W/W; Wood; W/W; Various; W/W; W/W; Wire on Wood; Chain Link; Chain Link; Wood

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

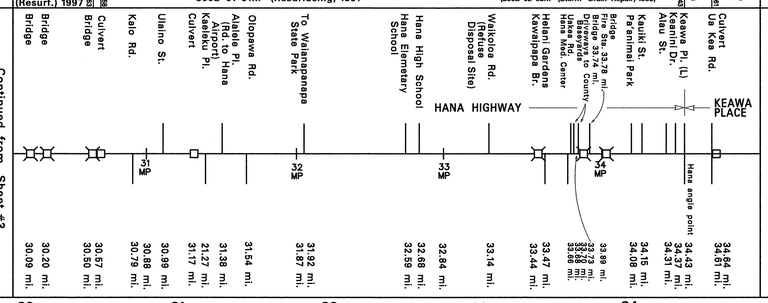
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): State

Project No., Type of Construction, and Year Constructed: (360B-01-80 (Improv.) 1981); (ER-12(5) (Roadway Repairs) 2002)

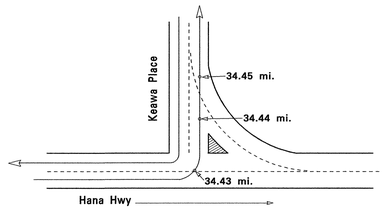
Project No., Type of Construction, and Year Constructed: 360B-01-96M (Resurf.) 1997; 360B-01-91M (Resurfacing) 1991; (360B-02-93M (Storm Drain Repair) 1993); (360B-01-83M (Resurface) 1983)



Road Diagram
* MP = Milepost Signage



End Route 360 on Keawa Place at the Wharf on Hana Bay. 34.93 mi.



SCALE: (In Miles) 2" = 1 mile

Divided Highway — Undivided
- Shoulder: Width and Type: 0–2' Grs.; 2'–4' Grs.; 8'–10' Grass; 2' Grass; 0; 6'–8' Grass; 0–2' Grass; 8'–10' Grass; 0; 4'–6' AC
- Pavement: Width and Type: 18' AC; 24' AC; 18' AC; 16' AC; 18' AC; 16' AC; 20' AC
- Shoulder: Width and Type: 0–2' Grs.; 2'–4' Grs.; 8'–10' Grass; 2'–4' Grass; 0–2' Grass; 2'–4' Grass; 20' AC

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

Number of Traffic Lanes: 2–9'; 2–12'; 2–9'; 2–8'; 2–9'; 2–8'; 2–10'

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left): (3' AC Sidewalk); AC Sidewalk; 6'; 4'; 6'; 4'; (Conc. Gutter); (Wood Rail on Conc. Post)

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

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

Illumination: Type, Location and Number: MV; 1 MV; 1 MV

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

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

Speed: 1–Design, 2–Posted: 35 MPH (2); 15 MPH (2); 35 MPH (2); 30 MPH (2); 35 MPH (2); Not Posted; (20 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 360B-01-91M (R) 1991
- 360B-01-88 (Walkway) 1988
- 360B-01-80 (Improv.) 1981
- 360B-01-75 (R) 1975
- 360B-01-83M (Resurface) 1983
- County (FAP 58(1), 1947)

HPMS: 11.88; 1.32; 2.34

SCALE: (In Miles) 2" = 1 mile

Date Released
Oct 2003, D.B.

Revised	
Aug. 04	D.B.
FEB., 06	D.B.

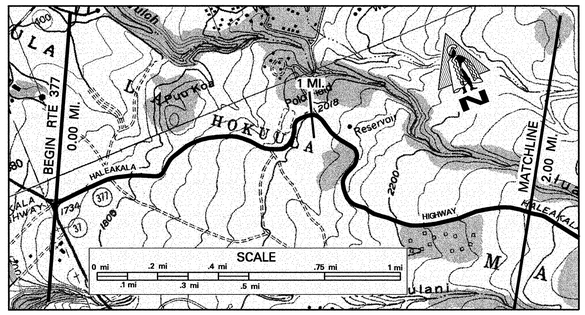
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

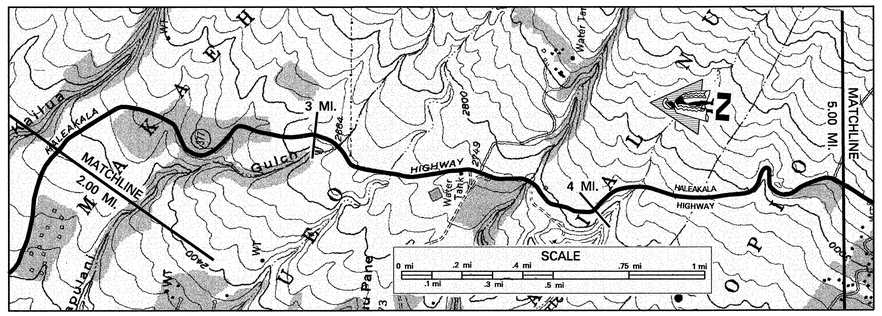
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

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

*





SCALE: (In Miles) 4" = 1 mile

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)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	377 01 (6.03 MI)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	TEE BEAM 1934 H15 150'
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	24'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	PASTURE ON MOUNTAINOUS TERRAIN WITH CUT SLOPES
Right of Way Fence: Type – Right and Left — ALL WIRE ON WOOD FENCE	20' – 40' FROM PAVEMENT / 10' – 30' FROM PAVEMENT
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	0.03 S T A T E
Project No., Type of Construction, and Year Constructed	STP–0377(3), 1995 GUARDRAIL AND SHOULDER IMPROVEMENT
Project No., Type of Construction, and Year Constructed — 377A-02-81M 1981 RESURFACE	0.06 STP–0377(4), 1994 RESURFACE

Road Diagram

* MP = Milepost Signage

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

0.00 mi. — SPUR; SPUR; BEGIN DIVIDED; HIGH SCHOOL; KING KEKAULIKI; END DIVIDED; TRACTOR CROSSING; CULVERT; CULVERT; KEALALOA ROAD (ECB); HALEAKALA; 2500' ELEV. SIGN; ECB; HIGHWAY; WAIALE BRIDGE; CULVERT; CONTINUES ON SHEET # 2 — 5.00 mi.

0.02 mi., 0.01 mi., 0.19 mi., 0.27 mi., 0.33 mi., 0.38 mi., 0.81 mi., 0.86 mi., 0.99 mi., 1.00 mi., 1.02 mi., 2.01 mi., 2.56 mi., 3.01 mi., 3.16 mi., 3.74 mi., 4.00 mi., 4.65 mi., 4.98 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	4' AC
Divided Highway – Undivided – Pavement: Width and Type	22' AC (0–1.06); 11' AC (0.19–0.33); 18' AC
Divided Highway – Undivided – Shoulder: Width and Type	4' AC; 0
Divided Highway – Median: Width and Type	0–12' PAINTED AC (0.19–0.33)
Divided Highway – Shoulder: Width and Type	0
Divided Highway – Pavement: Width and Type	11' AC
Divided Highway – Shoulder: Width and Type	4' AC
Number of Traffic Lanes	2 – 11' (0–1.06); 2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.27–0.33
(Right Side)	0.19
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	0.03, 0.10, 0.17, 0.28, 0.36, 0.42, 0.77, 0.81, 0.87, 0.97, 1.41, 1.48, 2.38, 2.43, 2.53, 2.55, 2.71, 2.80, 3.05, 3.08, 3.21, 3.25, 3.30, 3.37, 3.44, 3.46, 3.52, 3.54, 3.61, 3.69, 3.70, 3.72, 3.76, 3.92, 4.07, 4.18, 4.22, 4.27, 4.29, 4.36, 4.37, 4.41, 4.49, 4.62, 4.66, 4.71, 4.75
Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL ON METAL, EXCEPT WHEN NOTED	0.19, 0.25, 0.36, 0.41, 0.79, 0.86, 1.17, 1.48, 2.37, 2.51, 2.69, 3.05, 3.10, 3.27, 3.37, 3.46, 3.72, 3.92, 4.18, 4.36, 4.40, 4.49, 4.99
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	1.39 –7 1.61; 2.05 –7 2.19; 4.36 –7 4.61
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	U R B A N (0–1.00); R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	R O L L I N G
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	1.06 377A–01–83M 1983 RESURFACE; 4.03 377A–01–85M 1985 RESURFACE
	377A–02–81M 1981 RESURFACE (0.06–1.07); JOB #5569 1952 RESURFACE
	FAP 5B 1933 (0.00–0.60); FAP–5B 1929, 1933
HPMS	1.00 (0–1.00); 5.13

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	

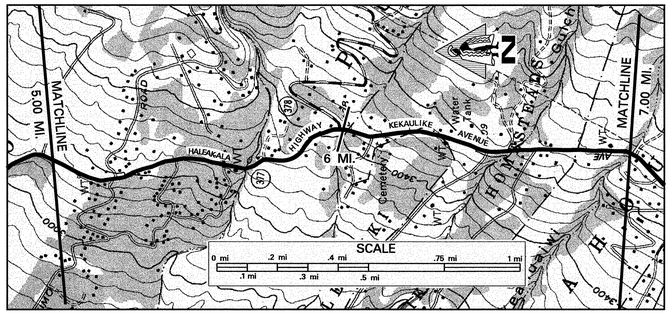
ROAD INVENTORY
MAUI RTE 377
KEKAULIKE AVE & HALEAKALA HWY

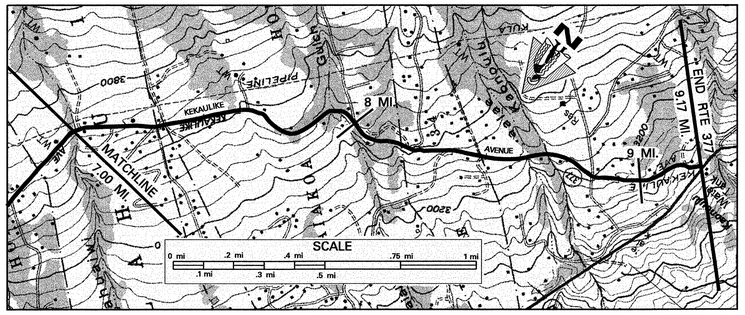
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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





SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description: 377A (9.13 MI); End 377A on Kekaulike Hwy. 60' East of centerline intersection with Kula Hwy. 9.16

ADT Sections; ADT; Traffic Count and Truck Weight Stations: 377 01 (6.03 MI) 6.03; 377 02 (3.14 MI)

Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed: TEE BEAM 1934 H15 110'; TEE BEAM 1933 H15 25'; TEE BEAM 1933 H15 36'; TEE BEAM 1933 H15 150' 30'

Vertical Clearance

Horizontal Clearance: 22'; 22'; 24'; 22' 22'

Structure Over Road — Vertical Clearance

Horizontal Clearance

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

Available Right of Way 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: 5.20 5.67 6.07 6.03 6.25 7.02 7.53 8.40 8.57
10'-30' FROM PVMT: 5.11 5.18 5.86 6.02 6.01 6.74 6.86 8.47 8.80

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

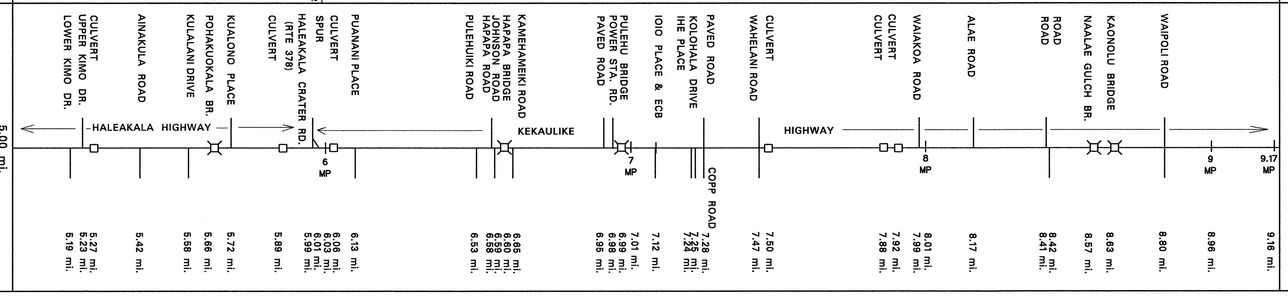
Jurisdiction, Transfer Phase No. and Date (C to S or S to C): S T A T E

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

Project No., Type of Construction, and Year Constructed: STP-0377(4) 1994 RESURFACE; RS-0377(2) 1987 IMPROVEMENTS

Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage



SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type: 4' AC; 4' AC / 4' – 8' GRASS; 4'AC / 10'-18' GRS 7.10 7.25; 4' AC / 4' – 8' GRASS 9.16

Pavement: Width and Type: 18' AC 5.98; 20' AC; 24' AC 9.08

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 – 9' 5.98; 2 – 10'; 2–12' 9.08

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

(Right Side)

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

Sidewalk: Width and Type (Right and Left)

Curb and/or Gutter: Type (Right and Left) — AC ROLLED CURBS

Protective Devices: Type, Location and Number — ALL GUARDRAILS METAL W/ METAL, EXCEPT WHERE NOTED

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: –4 5.10; –7 6.00; –6 6.72 6.76 6.90; +6 7.38; +5 7.22 7.33 7.46; +9 8.84 8.98

Vertical Curve: Crest or Sag, Curve Limits

Area and Development:

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: R U R A L

Speed: 1–Design, 2–Posted: R O L L I N G; 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: MAJOR COLLECTOR

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

377A–01–85M 1985 RESURFACE 5.98; FAP-E-13A 1932; RS-0377(2) 1987 IMPROVEMENTS; FAP-E-13A 1932

JOB #5569 1952 RESURFACE 5.11 6.62 6.63 6.98 7.00 8.57 8.64 8.63 8.60 9.00; BF-037-1(1) 1962

FAP – 5B 1929, 1933 6.02; FAP – 13A 1932, 1934

HPMS: 5.13 6.43; 3.04 9.17

SCALE: (In Miles) 4" = 1 mile

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

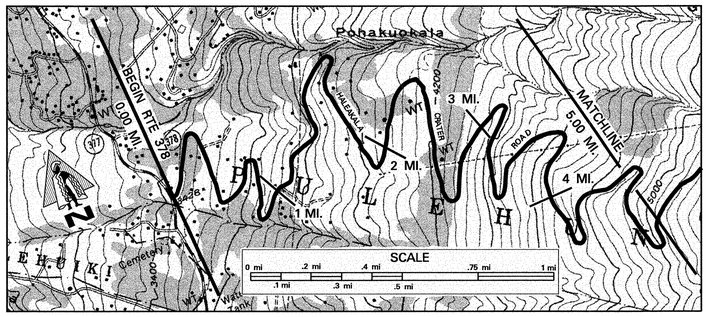
ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

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



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	0.02 Begin 378A on Haleakala Crater Road 100' East of the centerline intersection with Haleakala Hwy (East Spur); 378A (10.13 MI)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	378 01 (10.15 MI)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	
Structure Crossing Road – Vertical Clearance	
Structure Crossing Road – 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	N O N E
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	0.02 378A–01–00MR 2003 MAINTENANCE & REPAIRS
Project No., Type of Construction, and Year Constructed	378A–01–92M 1993 RESURFACE

Road Diagram

* MP = Milepost Signage

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

0.03 mi. SPUR AND M.P.
0.10 mi. PALENA PLACE
0.31 mi. 3600' ELEV. Sign
0.33 mi. PONI MOI PLACE
0.97 mi. CULVERT
1.21 mi. CULVERT
1.24 mi. CULVERT
1.78 mi. 4000' ELEV. Sign
2.06 mi. CATTLE GUARD
2.12 mi. CULVERT
2.44 mi. CULVERT
2.54 mi. CULVERT
2.82 mi. CULVERT
2.85 mi. CULVERT
2.88 mi. CULVERT
3.49 mi. 4600' ELEV. Sign
4.05 mi. CULVERT
4.25 mi. CULVERT
4.96 mi. CONTINUES ON SHEET #2 5.00 mi.

HALEAKALA CRATER ROAD

0 MP, 1 MP, 2 MP, 3 MP, 4 MP, 5 MP

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided – Shoulder: Width and Type	4' – 8' GRASS; 2.30; 4' – 6' GRASS; 3.72; 2' AC
Divided Highway – Undivided – Pavement: Width and Type	20' AC
Divided Highway – Undivided – Shoulder: Width and Type	4' – 8' GRASS; 4' – 6' GRASS; 2' AC
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	N O N E
(Right Side)	N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	0.60 0.67; 0.95 1.00; 1.10; 1.29 1.36; 2.09 2.14; 2.24 2.30; 4.15 4.17; 4.26 4.30; 4.48 4.57
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL; 0.70 0.79; 1.37; 3.33 3.46; 3.94 3.98; 0.00 4.19; 4.73 4.89
Illumination: Type, Location and Number	N O N E
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.05 +7; 0.20 0.31 +8; 0.47 0.71 +8; 0.81; 2.30 +7; 2.65; 4.76 +8; 4.86
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	0.04
Previous Projects: Project No., Date and Limits	STP-0377(4) 1994 RESURFACE
	378A–01–82M 1982 (RESURFACE); 3.72 3.76; RS–0378(1) 1981 RESURFACE
	0.03; 370A–02–67 1967; 2.77; 378A–03–68 1968 RESURFACE
	FAP 5B (Group B) 1933
HPMS	0.00; 10.15

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY
MAUI RTE 378
HALEAKALA CRATER ROAD

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
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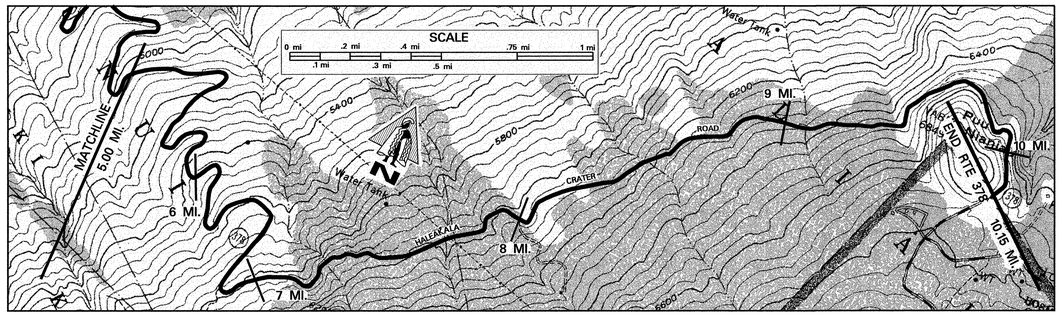
FEDERAL HIGHWAY ADMINISTRATION

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

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	378A (10.15 MI) — END 378A – SAME AS END ROUTE 378
ADT Sections; ADT; Traffic Count and Truck Weight Stations	378 01 (10.15 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	97' PRESTRESSED BEAM 1934 (1970) H15 56'
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	27' 27'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	OPEN PASTURE 1000' ACROSS
Right of Way Fence: Type – Right and Left	N O N E
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	378A–01–00MR 2003 MAINTENANCE & REPAIRS
Project No., Type of Construction, and Year Constructed	378A–01–92M 1993 RESURFACE

Indicates Grass & / or Physical Barrier on Median.

Road Diagram

* MP = Milepost Signage

CONTINUED FROM SHEET # 1

5.00 mi. — HALEAKALA CRATER ROAD — 10.15 mi.

Mile	Feature
5.07	CULVERT
5.28	CULVERT
5.22	CULVERT
5.95	6 MP
6.23	CULVERT
6.67	CULVERT
6.81	CULVERT
6.85	7 MP
7.30	LOOKOUT CULVERT
7.31	CULVERT
7.48	CULVERT
7.70	POHAKUOKALA BRIDGE
7.91	8 MP
8.00	CULVERT
8.28	CATTLE GUARD
8.50	WAIALE BRIDGE
8.93	9 MP
9.24	CULVERT
9.34	CATTLE GUARD
9.45	6500' ELEVATION SIGN
9.87	CULVERT
10.12	10.9 MP
10.15	CATTLE GUARD

END RTE 378 ON HALEAKALA CRATER RD AT THE "HATT" PARK BDY @ THE CATTLE GUARD NEAR THE "END STATE HWY SIGN".

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	2' AC
Divided Highway – Undivided: Pavement: Width and Type	20' AC; 7.69 22' AC 7.78; 20' AC; 8.50 22' AC 8.59; 20' AC
Divided Highway – Undivided: Shoulder: Width and Type	2' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2 – 10'; 7.69 2–11' 7.78; 2 – 10'; 8.50 2–11' 8.59; 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	N O N E
(Right Side)	N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	5.23 5.32 5.39 5.49 5.76 5.82 7.11 7.16 7.31 7.34 7.87 7.90 8.03 8.07 8.89 9.21 9.28 9.43 9.62 9.63 9.74 9.89 10.05
Protective Devices: Type, Location and Number — ALL GUARDRAILS ARE METAL ON METAL	5.38 5.33 5.58 5.66 6.15 6.34 6.47 6.98 6.93 6.99 7.47 7.51 7.66 7.72 7.79 7.84 8.47 8.55 8.59 8.76 8.80 9.07 9.09
Illumination: Type, Location and Number	N O N E
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	6.22 +7 6.29; 6.62 +9 6.94; 8.14 +7 8.28
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	377A–01–70 1971 Bridge Widening (7.70 – 8.50); RS–0378(1) 1981 RESURFACE; 378A–03–68 1968 RESURFACE (6.95); 378A–04–69 1969; FAP 5B (Group B) 1933
HPMS	10.15

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004 GN	
Revised	

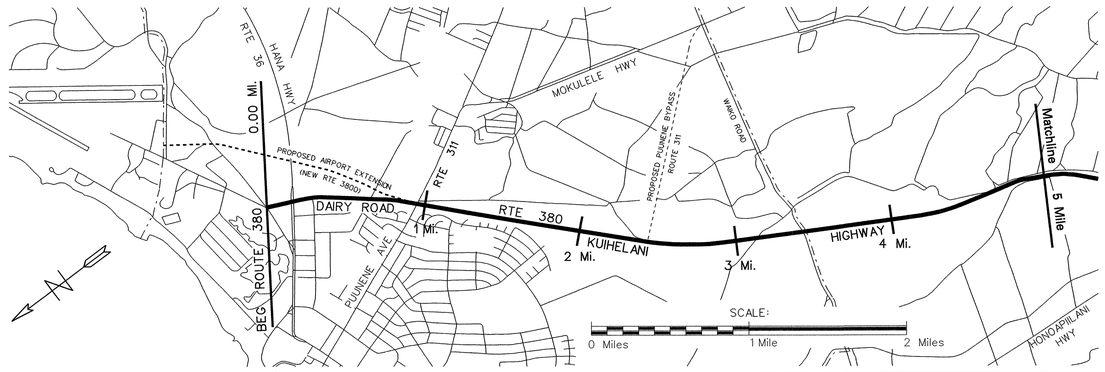
ROAD INVENTORY
MAUI RTE 380
DAIRY ROAD, KUIHELANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

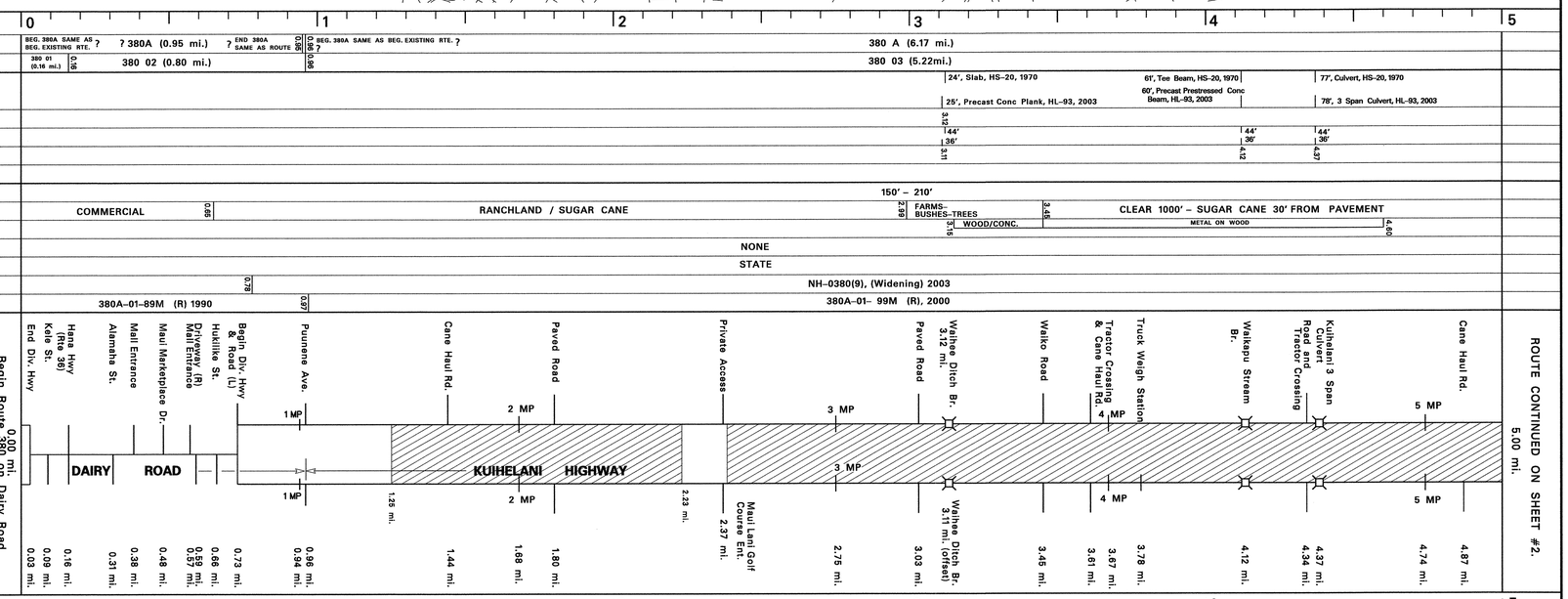
Total Designated Route Length:	6.18	MILES (a+b)
a. Existing Length:	6.18	MILES
b. Proposed Length:	0.00	MILES
Total Travel Way Length:	6.18	MILES (a+b, less c)
a. Existing Length:	6.18	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description
ADT Sections; ADT; Traffic Count and Truck Weight Stations
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed
Vertical Clearance
Horizontal Clearance
Structure Over Road: Vertical Clearance
Horizontal Clearance
Right of Way Width (min.–max.) if varies
Available Right of Way Width (Needs Study)
Right of Way Fence: Type – Right and Left
Control of Access: 1–None, 2–Partial, 3–Full
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)
Project No., Type of Construction, and Year Constructed
Project No., Type of Construction, and Year Constructed



Indicates Grass & / or Physical Barrier on Median.

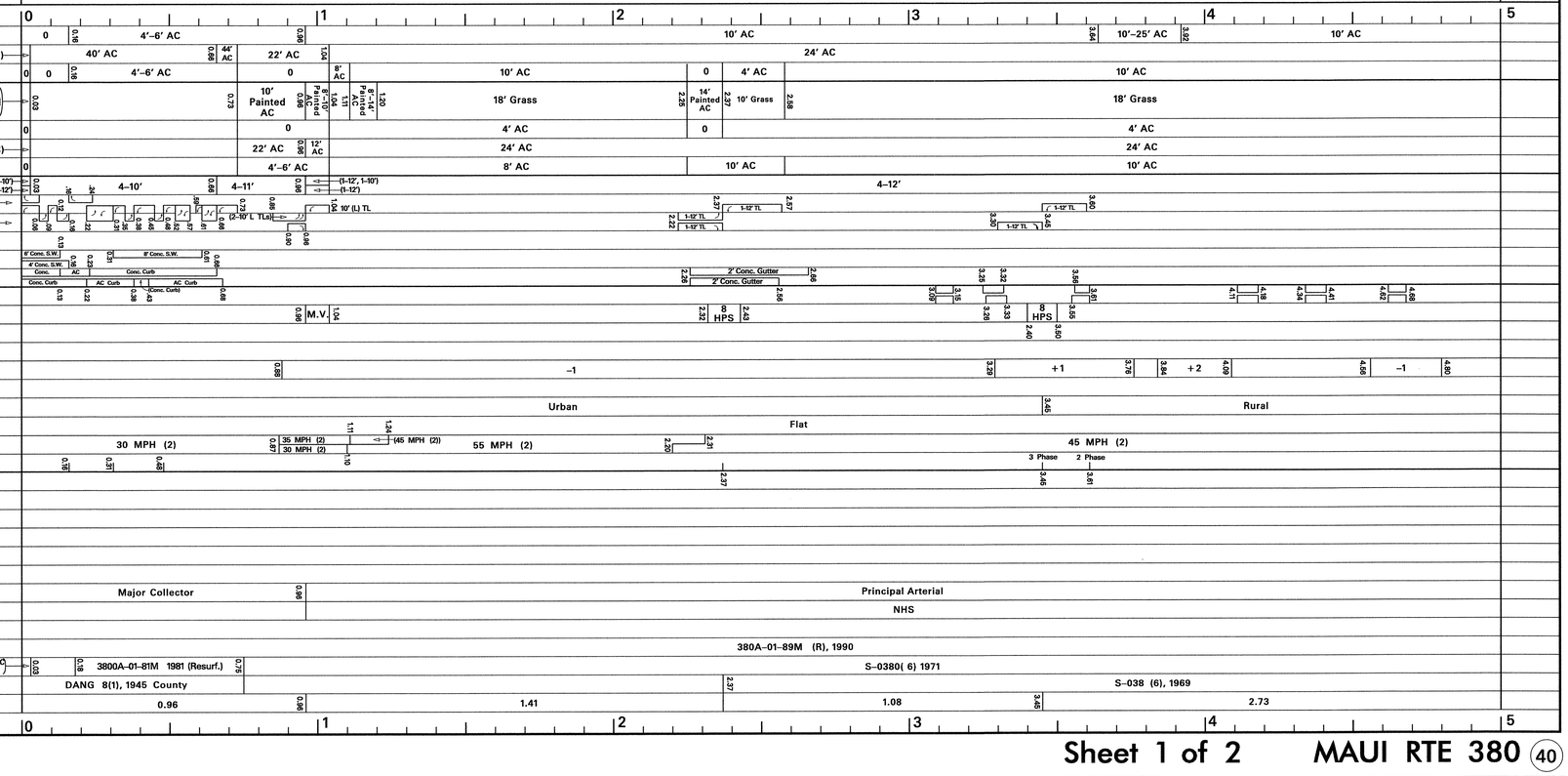
Road Diagram

SCALE: (In Miles) 4" = 1 mile

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

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

Number of Traffic Lanes
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)
(Right Side)
Frontage Road: No. of Lanes, and Width (Right and Left)
Sidewalk: Width and Type (Right and Left)
Curb and/or Gutter: Type (Right and Left)
Protective Devices: Type, Location and Number
Illumination: Type, Location and Number
Curves: Degree of Curvature (Right and Left)
Superelevation (Range)
Grades: % Grade, Positive or Negative
Vertical Curve: Crest or Sag, Curve Limits
Area and Development:
Terrain: 1–Flat, 2–Rolling, 3–Mountainous
Speed: 1–Design, 2–Posted
Intersection Control Devices: Type, Location and Cycle Timing
Sight Distance: Minimum Passing PSD–
Minimum Stopping SSD–
Pavement Striping: No Passing Zones
Capacity: Service Volume–E
DOD Sections
Census Tracts
Functional Classification
National Highway System (NHS)
Previous Projects: Project No., Date and Limits



SCALE: (In Miles) 4" = 1 mile

Date Released	
July 2002, DB	
Revised	
Apr 03	JK
Aug 04	DB
Sept 04	DB

ROAD INVENTORY

MAUI RTE 380
KUIHELANI HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

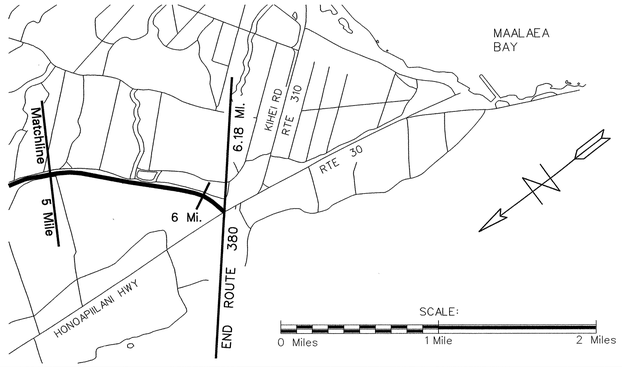
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 6.18 MILES (a+b)
- a. Existing Length: 6.18 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 6.18 MILES (a+b, less c)
- a. Existing Length: 6.18 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____

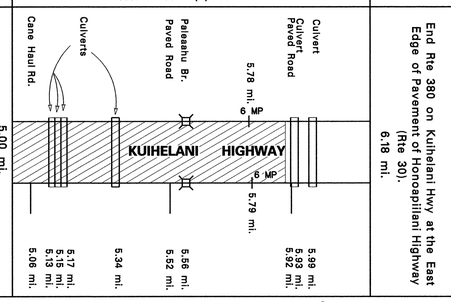


SCALE: (In Miles) 4" = 1 mile

		5 – 6	6 – 10
Maintenance Control Sections : Length and Description		? 380 A (6.17 mi.)	END 380-A ON KUIHELANI HWY. 50' EAST OF THE EAST E.P. ON HONOAPIILANI HWY.
ADT Sections; ADT; Traffic Count and Truck Weight Stations		380 03 (5.22 mi.)	
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	5.99 44'	36'
Structure Over Road	Vertical Clearance		
	Horizontal Clearance		
Right of Way Width (min.–max.) if varies		150' – 210'	
Available Right of Way Width (Needs Study)		CLEAR 1000' – SUGAR CANE 30' FROM PAVEMENT	
Right of Way Fence: Type – Right and Left			
Control of Access: 1–None, 2–Partial, 3–Full		NONE	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		STATE	
Project No., Type of Construction, and Year Constructed		NH-0380(9) (Widening) 2003 6.02	[BR-NH-030-1(24) (Widening) 2002]
Project No., Type of Construction, and Year Constructed		380A-01-99M (R) 2000	

Indicates Grass & / or Physical Barrier on Median.

Road Diagram



SCALE: (In Miles) 4" = 1 mile

		5 – 6	6 – 10
Divided Highway, Undivided	Shoulder: Width and Type	10' AC	
	Pavement: Width and Type	24' AC	12' AC 6.18 28' AC
	Shoulder: Width and Type	10' AC	0
Divided Highway	Median: Width and Type	18' Grass	5.80 10'–18' AC 6.02 10' Painted AC
	Shoulder: Width and Type	4' AC	6.06 0
	Pavement: Width and Type	24' AC	12' AC 36' AC (38' AC) (44' AC)
	Shoulder: Width and Type	10' AC	6.18 10' AC
Number of Traffic Lanes		4 – 12'	(1-12') 6.06 6.18 (2-14') (1-12') (3-12') (2-12' + 1-16') (2-12' + 1-14')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			(2-12' (R)) 6.18 (2-14' (R))
(Right Side)			Double (L) TLs Single (R) TL (1-12' (R)) 6.06 6.18 (1-16' (R)) (1-14' (R)) NOTE: No Thru Lanes on (R) Side from 6.12 mi to 6.18 mi. Pavement Widths Include Turning Lanes.
Frontage Road: No. of Lanes, and Width (Right and Left)			
Sidewalk: Width and Type (Right and Left)			
Curb and/or Gutter: Type (Right and Left)			
Protective Devices: Type, Location and Number		5.50 5.68	
Illumination: Type, Location and Number			
Curves: Degree of Curvature (Right and Left)			
Superelevation (Range)			
Grades: % Grade, Positive or Negative		5.33 +2 5.54	
Vertical Curve: Crest or Sag, Curve Limits			
Area and Development:		Rural	
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		Flat	5.82
Speed: 1–Design, 2–Posted		45 MPH (1)	5.82 Not Posted 35 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing			5.88 3 Phase Traffic Signal
Sight Distance: Minimum Passing PSD–			
Minimum Stopping SSD–			
Pavement Striping: No Passing Zones			
Capacity: Service Volume–E			
DOD Sections			
Census Tracts			
Functional Classification		Principal Arterial	
National Highway System (NHS)		NHS	
Previous Projects: Project No., Date and Limits			
		380A-01-89M (R), 1990	
		S-0380 (6), 1971	
		S-038 (6), 1969	
HPMS		2.73	6.18

SCALE: (In Miles) 4" = 1 mile

Date Released
July 2002, DB
Revised

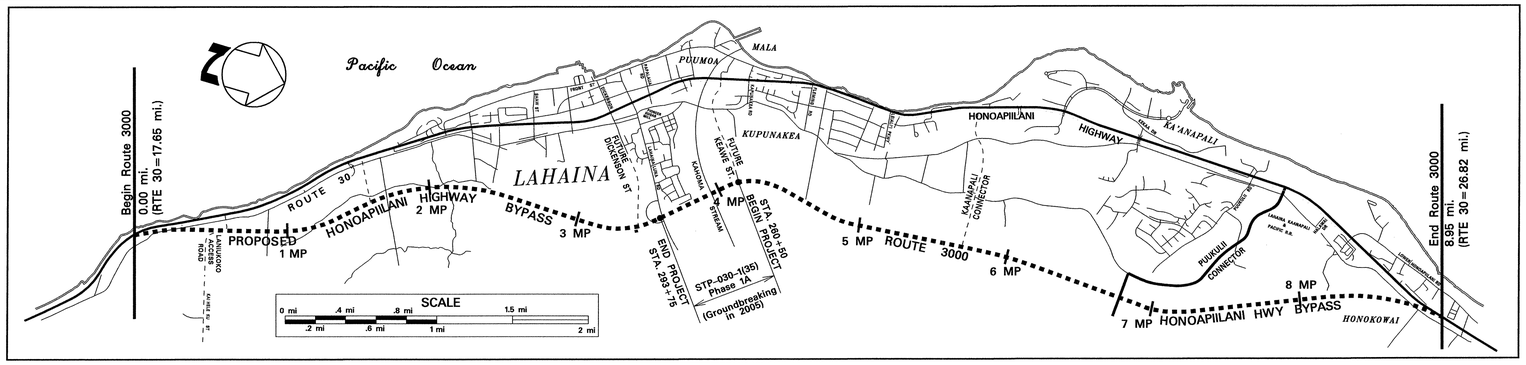
ROAD INVENTORY
MAUI RTE 3000
HONOAPIILANI HIGHWAY BYPASS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 8.95 miles
a. Survey Length: 0.00 miles
b. Proposed Length: 8.95 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Maintenance Control Sections : Length and Description	
ADT Sections; ADT; Traffic Count and Truck Weight Stations	
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	4-CELL BOX; 3-CELL BOX; 400'; 400'; 600'; 400'; 400'; 800'
Structure Carrying Road — Vertical Clearance	
Structure Carrying Road — Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Structure Over Road — Horizontal Clearance	
Right of Way Width (min.-max.) if varies	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	
Control of Access: 1-None, 2-Partial, 3-Full	STATE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	(STP-030-1(22), Demolition of Ikena Ave) 3.48 3.48
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	

Road Diagram
* MP=Milepost Signage

BEGIN ROUTE 3000 ON HONOAPIILANI HWY BYPASS AT S. EP OF CONNECTION WITH HONOAPIILANI HWY RTE 30). 0.00 MI.

CULVERT 0.75 MI.; CULVERT 0.96 MI.; KAUAULA STREAM BR. 2.08 MI.; DICKENSON CONNECTOR 3.31 MI.; LAHAINALUNA RD OP 3.48 MI.; KAHOMA STREAM BR 3.74 MI.; KAPUNAKEA CONN. 4.07 MI.; WAHIKULI CONNECTOR (CIVIC CENTER) 4.96 MI.; KAANAPALI CONNECTOR 5.52 MI.; HAHAKEA GULCH BR 5.73 MI.; WAHIKULI GULCH BR 5.88 MI.; PUUKOLII CONNECTOR 6.75 MI.; HANAKAOO GULCH BR 7.48 MI.; HONOKOWAI STR BR 8.01 MI.; HONOAPIILANI CONN. 8.58 MI.

HONOAPIILANI HIGHWAY BY-PASS

END ROUTE 3000 ON HONOAPIILANI HWY BYPASS AT N. EP OF CONNECTION WITH HONOAPIILANI HWY (RTE 30). 8.95 MI.

SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Divided Highway — Undivided — Shoulder: Width and Type	
Divided Highway — Undivided — Pavement: Width and Type	
Divided Highway — Undivided — Shoulder: Width and Type	
Divided Highway — Undivided — Median: Width and Type	
Divided Highway — Median Barriers:	
Divided Highway — Shoulder: Width and Type	
Divided Highway — Pavement: Width and Type	
Divided Highway — Shoulder: Width and Type	
Number of Traffic Lanes	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	
Terrain: 1-Flat, 2-Rolling, 3-Mountainous	
Speed: 1-Design, 2-Posted	
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD-	
Minimum Stopping SSD-	
Pavement Striping: No Passing Zones	
Capacity: Service Volume-E	
DOD Sections	
Census Tracts	
Functional Classification	MINOR ARTERIAL
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	
HPMS	4.19; 4.19; 3.05; 7.24
SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10

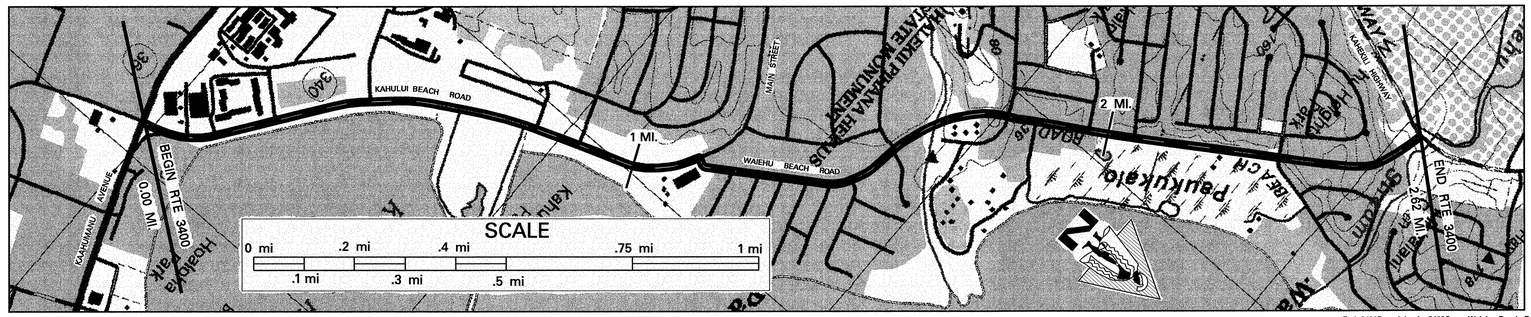
Date Released
Dec 2004 JK
Revised

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Route Length: 2.62 miles
a. Survey Length: 2.62 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles



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: (In Miles) 4" = 1 mile (0 – 1 – 2 – 3)

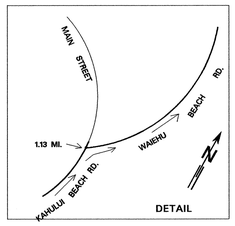
Maintenance Control Sections : Length and Description
0.04 Begin 3400A on Kahului Beach Road 220' N. of centerline intersection w/Kahumanu Ave. — 3400A (1.11 MI) / SPUR 3400A (0.02 MI) — 1.15 — 3400B (1.46 MI) — 2.61 — 3400C (0.01 MI)

ADT Sections; ADT; Traffic Count and Truck Weight Stations
3400 01 (1.13 MI) — 1.13 — 3400 02 (1.19 MI) — 2.32 — 3400 03 (0.30 MI)

Structure Carrying Road
- **Bridges (Over 20'): Length, Type, Capacity and Year Constructed**: TEE BEAM 1953 H20
- **Vertical Clearance**: 182'
- **Horizontal Clearance**: 28'

Structure Over Road
- **Vertical Clearance**
- **Horizontal Clearance**

Right of Way Width (min.–max.) if varies: 120' — 1.51 — 80' – 200' — 1.87 — 70' – 240'
Available Right of Way Width (Needs Study): COMMERCIAL / RESIDENTIAL — 1.31 — 1.38 — 1.95 — BRUSH — 2.32 — SAND
Right of Way Fence: Type – Right and Left: 1.17 — 1.46
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): 3400AB–02–90 1992 IMPROVEMENTS — 0.14 — STATE
Project No., Type of Construction, and Year Constructed: 3400A–02–91 IMPROVEMENTS — 1.12 — 3400A–01–97 1998 — 1.31 — 1.70 — 3400B–02–98 2 WAY (L) TLS — 2.11
Project No., Type of Construction, and Year Constructed: 1995 — 3400B–01–97M 1998 RESURFACE (ALSO ROUTE 340)



Indicates Grass & / or Physical Barrier on Median.

Road Diagram
* MP = Milepost Signage

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

0.00 MI. — DRIVEWAY — KAHEE PLACE — MAUI CENTRAL PARK — BEACH ROAD — BEACH ROAD — KANALOA AVE. — NISEI MEMORIAL CENTER ACCESS — MAIN ST. — ELUENE ST. — KAINALU PL. — LINEKONA PLACE END DIVIDED — KAIKOO STREET — KAILANA PLACE — BEGIN DIVIDED UKALI PLACE — EHA ST. — END DIVIDED — IAO BRIDGE — BEGIN DIVIDED — KUHIO PL. KAAE RD. — KUKONA PL. — KEALII PL. — MAKAALA DR. — END DIVIDED — BEGIN DIVIDED — WAILUPE DR. — END DIVIDED — WAILUKU URBAN BOUNDARY

MP — PAVED ROAD — MP — NUKUWAI PLACE — MP — LOWER WAIEHU BEACH RD.

KAHULUI BEACH ROAD: 0.00 mi. — 0.08 mi. — 0.27 mi. — 0.46 mi. — 0.63 mi. — 0.79 mi. — 1.02 mi. — 1.00 mi. — 1.13 mi.
WAIEHU BEACH ROAD: 1.20 mi. — 1.25 mi. — 1.30 mi. — 1.28 mi. — 1.35 mi. — 1.39 mi. — 1.46 mi. — 1.44 mi. — 1.54 mi. — 1.60 mi. — 1.62 mi. — 1.70 mi. — 1.78 mi. — 1.79 mi. — 1.83 mi. — 1.94 mi. — 2.00 mi. — 2.03 mi. — 2.11 mi. — 2.26 mi. — 2.32 mi. — 2.38 mi.

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

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

Divided Highway – Undivided
- **Shoulder: Width and Type**: 4' AC — 0.08 — 6' AC — 1.15 — 11' AC — 1.29 — 4' – 6' AC — 1.67 — 6' AC — 2.17 — 10' AC — 2.24 — 6' AC — 2.33 — 10' AC — 2.44 — 6' AC
- **Pavement: Width and Type**: 12' AC — 1.13 — 22' AC — 12' AC — 24' AC — 11' AC — 24' AC — 11' AC — 24' AC
- **Shoulder: Width and Type**: 0' — 0.27 — 12' GRASS 2' AC — 0.80 — 0' — 2' AC — 1.02 — 0' — 11' AC — 1.29 — 4' – 6' AC — 0' — 4' AC 6' — 6' AC — 0' — 6' AC — 0' — 10' AC — 2.44 — 6' AC

Divided Highway – Median: Width and Type: 6'–24' GRASS W/CURB — 0.16 — 0'–12' PAINT — 0.33 — 0.38 — 0'–12' PAINT — 0.47 — 12' GRASS (FLUSH) — 0.71 — 0'–12' PAINT — 0.89 — 12' GRASS (FLUSH) — 0'–12' PAINT — 1.46 — 0'–8' PAINT — 1.60 — 1.70 — 11' PAINTED AC — 2.11 — 2.26 — 10' PAINT

Divided Highway – Undivided
- **Shoulder: Width and Type**: 0' — 0.27 — 2' AC — 0.80 — 0' — 2' AC — 0' — 0' — 0' — 0' — 0'
- **Pavement: Width and Type**: 12' AC — 12' AC — 11' AC — 11' AC
- **Shoulder: Width and Type**: 4' AC — 0.08 — 6' AC — 1.13 — 4' – 6' AC — 6' AC — 6' AC 2.33 — 10' AC

Number of Traffic Lanes: 0.07 — 2 – 12' — 2 – 11' — 2 – 12' — 2 – 11' — 2 – 12' — 2 – 11' — 2.38 — 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): 0.04 — 0.06 — 0.09

Sidewalk: Width and Type (Right and Left): 4' AC — 0.17 — 1.01 — 1.12 — 2.17 — 2.24

Curb and/or Gutter: Type (Right and Left) T.S. = TRIANGLULAR SWALE C. & G. = CURB & GUTTER B.C. = BITUMINOUS CURB L.D.D. = LINED DRAINAGE DITCH: T.S. — C. & G. — L. D. D. — B. C. — B. C. — 2.33 — B. C. — 2.44

Protective Devices: Type, Location and Number: 1.15 — 1.30 — 1.26 — 1.60 — 1.69 ← WOOD RAILS ON CONCRETE POSTS — 2.32 ← METAL RAILS ON CONCRETE POSTS

Illumination: Type, Location and Number: MV — 0.05 — 0.15 — MV — 0.29 — 1 MV — 0.49 — 0.89 — MV — 1.59

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative: 2.00 — –1 — 2.18

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: U R B A N

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: FLAT — 1.60 — ROLLING

Speed: 1–Design, 2–Posted: 30 MPH (2) / 35 MPH (2) — 1.29 — 30 MPH (2)

Intersection Control Devices: Type, Location and Cycle Timing: 0.45 — 3 PHASE — 0.86 — 1.13 — 3 PHASE — 1.54

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: MINOR ARTERIAL

National Highway System (NHS)

Previous Projects: Project No., Date and Limits
- 0.14 — 3400A–02–91 1995 IMPROVEMENTS — 1.13 — 1.88
- 3400AB–02–90 1992 IMPROVEMENTS — 3400A–01–88M 1988 RESURFACE
- S–0340 (1) 1955, 1956 — 1.12 — COUNTY — 1.51 — S–247(1) 1952, 1953 — 1.87 — S–0341(3) 1966, 1967

HPMS: 0.00 — 1.13 — 1.13 — 1.19 — 2.32 — 0.30 — 2.62

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

Date Released	
Oct 2004	GN
Revised	

ROAD INVENTORY
MAUI RTE 3500
PUUNENE AVENUE

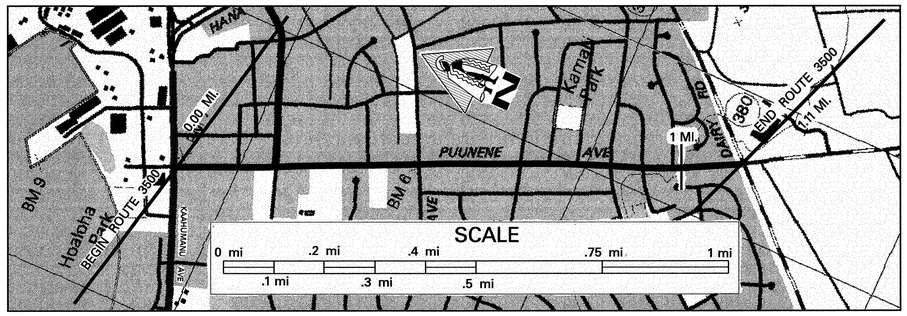
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 1.11 miles
- a. Survey Length: 1.11 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

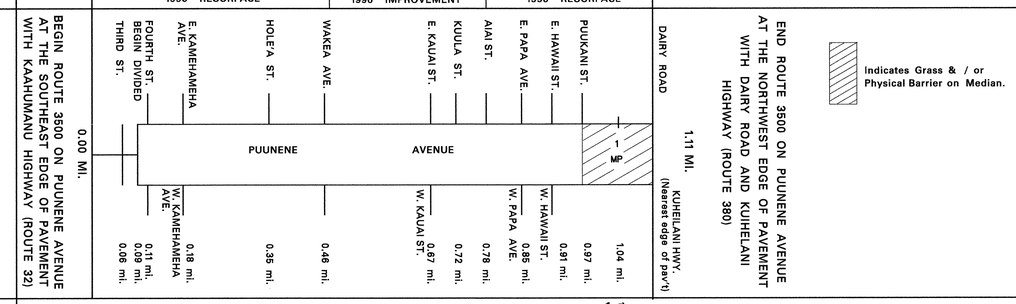
*



SCALE: (In Miles) 4" = 1 mile	0 — 1 — 2 — 3
Maintenance Control Sections : Length and Description	Begin 3500A on Puunene Avenue 86' S. of centerline with Kaahumanu Avenue. — End 3500A on Puunene Avenue 10' from the S.E. edge of pavement of Kuihelani Hwy.
ADT Sections; ADT; Traffic Count and Truck Weight Stations	0.01 — 3500 01 (1.11 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60'
Available Right of Way Width (Needs Study)	RESIDENTIAL / COMMERCIAL (1.00)
Right of Way Fence: Type – Right and Left	0.34 CHAINLINK 0.43 — 0.68 TILE 0.82 0.95 CHAINLINK / CHAINLINK
Control of Access: 1–None, 2–Partial, 3–Full	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	STP–3500(5) 0.47 — HES–STP–3500(3) 0.78 — STP–3500(5) 1.09
Project No., Type of Construction, and Year Constructed	1996 RESURFACE — 1996 IMPROVEMENT — 1996 RESURFACE

Road Diagram

* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile	0 — 1 (1.06) — 2 — 3
Divided Highway, Undivided: Shoulder: Width and Type	2' AC — 0.46 — 4' AC — 4' – 6' AC
Divided Highway, Undivided: Pavement: Width and Type	44' AC — 22' AC — 44' AC — 11' AC — 12' AC — 12'–24' AC — 24' AC
Divided Highway, Undivided: Shoulder: Width and Type	2'–4' AC — 0' — 2' AC — 0' — 6' AC
Divided Highway: Median: Width and Type	0.09 — 0' – 10' PAINTED 0.28 — 0.38 — 11' PAINTED AC 0.95 — 10' PAINTED AC 0.73 — 12' PAINTED AC 0.98 — 0'–30' TREES AND GUARDRAILS (L & R)
Divided Highway: Shoulder: Width and Type	0' — 0' — 6' AC
Divided Highway: Pavement: Width and Type	22' AC — 22' AC 0.46 — 11' AC — 12' AC
Divided Highway: Shoulder: Width and Type	2' AC — 2' AC — 4' AC — 4' – 6' AC 0.98 — 1.06
Number of Traffic Lanes	4 – 11' — (L) 1–11' (R) 2–11' — 2 – 12' — 1 – 12' — 1 – 12' — 12'–24' — 2 – 12'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.04 11' 0.20 10' 0.34 — 0.41 11' 0.53 — 0.62 0.67 10' 0.72 0.75 — 0.78 0.90 0.85 12' 1.05
(Right Side)	0.13 10' — 0.44 11' 0.46 — 10' 16' 10' 12' — 0.84 12' 0.97 11' 1.04
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	6'–8' CONC. S/W — 6' CONC. S/W — 4' BITUMINOUS S/W 0.97 / 6'–10' CONC. S/W — 4' AC S/W — 4' BITUMINOUS S/W
Curb and/or Gutter: Type (Right and Left)	CONC. CURB — CONC. CURB 0.46 / CONC. CURB — B.P. CURB
Protective Devices: Type, Location and Number	0.17 — 0.25 — 0.97 M / M
Illumination: Type, Location and Number	18 MV
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	U R B A N
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	F L A T
Speed: 1–Design, 2–Posted	30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	4 PHASE TRAFFIC LIGHT 0.19 — 0.46 — 3 PHASE 0.95
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	DOD 680
Census Tracts	
Functional Classification	PRINCIPAL ARTERIAL
National Highway System (NHS)	N H S
Previous Projects: Project No., Date and Limits	STP–3500 (5) 1996 RESURFACE 1.09
	0.09 HES 3500(4) 1994 0.28
	380A–01–72 1976 RESURFACE 0.92 M – 3500 1981
HPMS	0.46 — 0.46 — 0.65 — 1.11
SCALE: (In Miles) 4" = 1 mile	0 — 1 — 2 — 3

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

ROAD INVENTORY

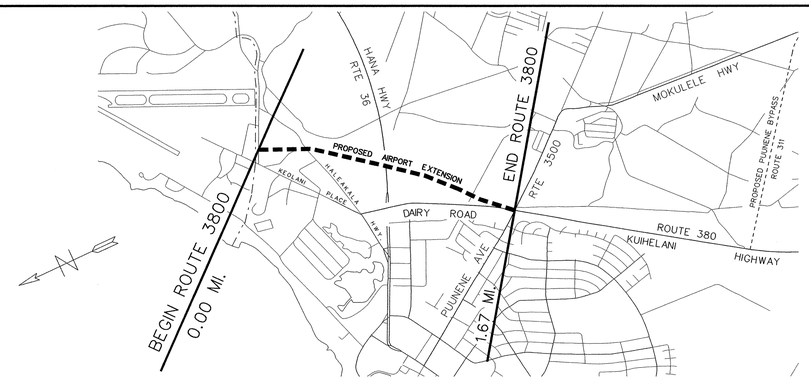
MAUI RTE 3800
PROPOSED AIRPORT EXTENSION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

Total Designated Route Length:	1.67	MILES (a+b)
a. Existing Length:	0.00	MILES
b. Proposed Length:	1.67	MILES
Total Travel Way Length:	0.00	MILES (a+b, less c)
a. Existing Length:	0.00	MILES
b. Temporary Length:	0.00	MILES
c. Length used as T.W. for another Route:	0.00	MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	
ADT Sections; ADT; Traffic Count and Truck Weight Stations	
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Crossing Road: Vertical Clearance	
Structure Crossing Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	
Control of Access: 1–None, 2–Partial, 3–Full	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	

Road Diagram

* MP = Milepost Signage

0.00 mi. Begin Route 3800 on Proposed Road at the Kahului Airport Boundry.

Proposed Airport Extension

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	
Divided Highway – Undivided: Pavement: Width and Type	
Divided Highway – Undivided: Shoulder: Width and Type	
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	
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Urban
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	
Speed: 1–Design, 2–Posted	
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Principle Arterial
National Highway System (NHS)	NHS
Previous Projects: Project No., Date and Limits	
HPMS	0.00 – 1.67

SCALE: (In Miles) 4" = 1 mile

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

ROAD INVENTORY

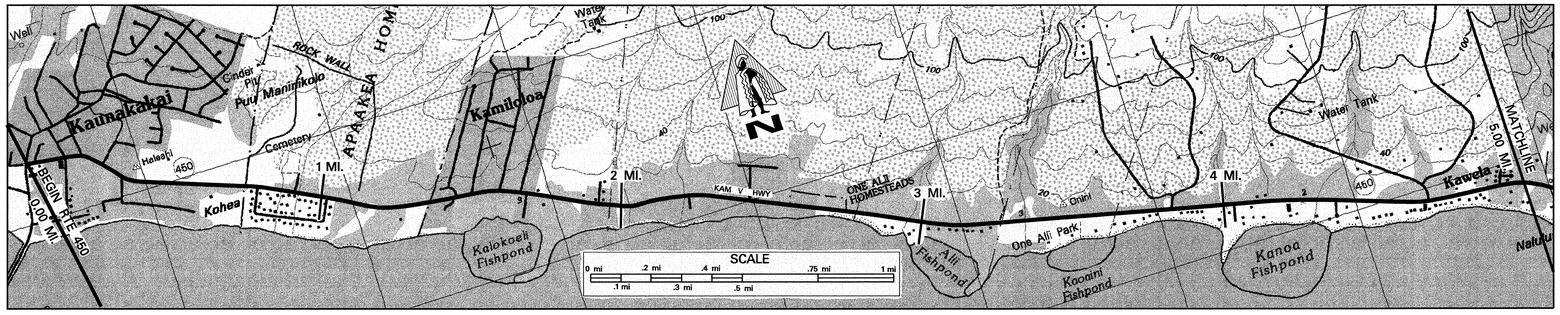
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

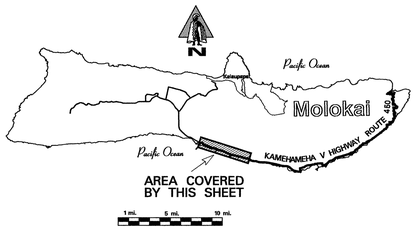
Total Route Length: 27.51 miles
- a. Survey Length: 27.51 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	0.00 Begin 450A on Kam V Hwy, 84' East of the East edge of pavement of Kaunakakai Wharf Road. 450A (10.13 MI)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	450 01 (1.99 MI) 1.99 450 02 (3.12 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940 H15 SLAB 1940 H20
Vertical Clearance	25' 23'
Horizontal Clearance	26' 26'
Structure over Road: Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	60' – 80' 1.00 80'
Available Right of Way Width (Needs Study)	RESIDENTIAL AREA 3.48 TREES AND BUSHES (FEW HOMES)
Right of Way Fence: Type – Right and Left	3.48 WIRE ON WOOD 15' FROM PAVEMENT / WIRE ON WOOD 15' FROM PAVEMENT
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	0.01 450AB–01–01M 2001 RESURFACE 1.80
Project No., Type of Construction, and Year Constructed	1.28 STP-0450(7) 1998 1.79 STP–0450(6) 1996 RESURFACE



Road Diagram
* MP = Milepost Signage

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

0.00 mi.

MOHALA ST. 0.02 mi. | KAMOI ST. 0.12 mi. | AILOA ST. 0.18 mi. | KAUNAKAKAI SCH. 0.25 mi. | OKI PLACE 0.28 mi. | ROAD TO "DUKE MALIU" PARK 0.32 mi. | 0.46 mi. | EDUCATION CTR. 0.69 mi. | ALANUI KA'IMI IKE 0.77 mi. | KAPAAKEA LOOP 0.85 mi. | KAPAAKEA CEMETERY 0.89 mi. | CULVERT 0.90 mi. | KAPAAKEA LOOP 0.99 mi. | 1.00 mi. | CULVERT 1.19 mi. | HOTEL ENT. 1.34 mi. | HOTEL ENT. 1.40 mi. | KAMILOLOA PLACE 1.42 mi. | CULVERT 1.47 mi. | AAHI PLACE 1.53 mi. | CULVERT 1.56 mi. | ILIAHI PLACE 1.62 mi. | KAHINANI PLACE 1.63 mi. | OPUA PLACE 1.70 mi. | OHAI ALII PLACE 1.89 mi. | KAMILOLOA BRIDGE 1.99 mi. | 2.00 mi. | CULVERT 2.39 mi. | PANO PLACE 2.47 mi. | KAM V HWY | ONEALII PARK #1 3.33 mi. | KAWELA PLANTATION #3 3.76 mi. | MAKAKUPAIA BRIDGE 3.94 mi. | 4.01 mi. | PAVED ROAD 4.30 mi. | CULVERT 4.59 mi. | PAVED ROAD 4.66 mi. | KAMAKANA PLACE 4.84 mi. | 5.00 mi.

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

CONTINUES ON SHEET #2
5.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type	6' AC 3.69 4' AC
Pavement: Width and Type	24' AC 1.99 22' AC
Shoulder: Width and Type	6' AC 3.69 4' AC
Median: Width and Type	
Shoulder: Width and Type	
Pavement: Width and Type	
Shoulder: Width and Type	
Number of Traffic Lanes	2 – 12' 1.99 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)	0.27 6' BP 1.01
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	3.92 3.96
Illumination: Type, Location and Number	MERCURY VAPOR 1.00 1.48 MERCURY VAPOR 2.37 1 MV 1 MV
Curves: Degree of Curvature (Right and Left)	2.90 3.35
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.43 0 0.73 0.91 –1 1.14 1.75 +1 1.87 2.32 0 2.47 2.50 0 2.96
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	F L A T (1)
Speed: 1–Design, 2–Posted	NOT POSTED 0.69
Intersection Control Devices: Type, Location and Cycle Timing	35 MPH (2)
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	HWY–M–06–96M 1997 1.80
	HWY–M–02–90 1991 SHOULDER IMPROVEMENT 3.69
	0.57 RS–0450(4) 1988 RESURFACE 1.99 RS–0450(1) 1979 RESURFACE
	COUNTY 450A–01–72 1972 RESURFACE FAS 2A 1940 FAS 2A(1) 1938
HPMS	1.00 1.90

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

ROAD INVENTORY

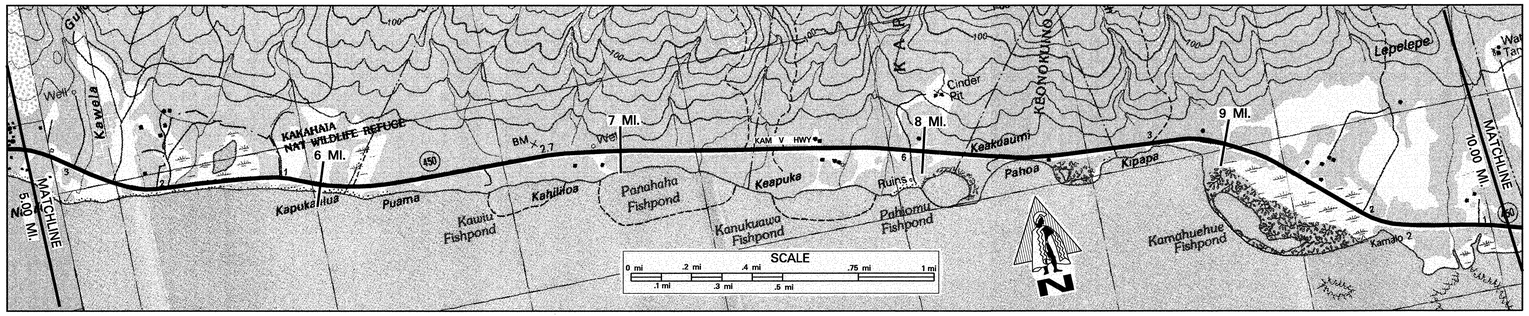
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

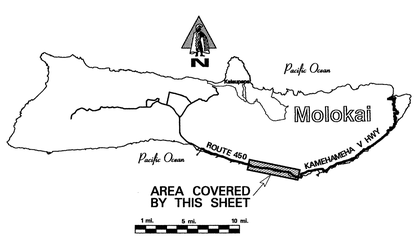
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.51 miles
a. Survey Length: 27.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	450A (10.13 MI)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	(450 02 (3.12 MI.)) 5.11 — 450 03 (5.04 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	SLAB 1940 H15 46' (5.11); PRESTRESSED CONCRETE SLAB 1981 HS-20-44 43'
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	26' (5.11); 28'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	
Available Right of Way Width (Needs Study)	5.52; 9.15
Right of Way Fence: Type – Right and Left	WIRE ON WOOD 15' FROM PAVEMENT — NONE — WIRE ON WOOD 15' FROM PAVEMENT; WIRE ON WOOD
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	7.17: 450AB-01-01M 2001 RESURFACE
Project No., Type of Construction, and Year Constructed	STP-0450(6) 1996 RESURFACE — 7.16: STP-0450(7) 1998 — 7.84: STANDARD WORD SIZE



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #1

5.00 mi. — KAMEHAMEHA V HIGHWAY — 10.00 mi.

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

CONTINUED ON SHEET #3

SCALE: (In Miles) 4" = 1 mile

Divided Highway — Undivided

Shoulder: Width and Type	GRASS UNLESS NOTED — 4' AC; 7.84 25'-30'; 7.86 8'; 8.27 30'; 8.42 6'; 8.48 30'; 8.75 20' DIRT; 9.14 10' GRV; 9.38 10'
Pavement: Width and Type	22' AC (7.14); 20' AC; 9.84
Shoulder: Width and Type	GRASS UNLESS NOTED — 4' AC; 20'; 10'; 8.03 15' DIRT; 8.13 8'; 8.29 10'; 8.44 15'; 8.77 18' DIRT; 9.63 8'; 9.81 6' DIRT; 4'; 10'

Divided Highway — Median

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

Number of Traffic Lanes	2 – 11' (7.14); 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	ALL GUARDRAILS METAL ON METAL — 5.62–5.93; 6.07–6.31; 6.44–6.47; 7.11–7.35; 7.35–7.48; 9.62–9.85
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	5.43 0 5.63; 6.89 –1 7.12
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (6.14); 6.77 ROLLING / FLAT (8.52); 8.71 FLAT
Speed: 1–Design, 2–Posted	35 MPH (2) (6.19); 45 MPH (MIN. 35 MPH) (2); 35 MPH (1) / 35 MPH (2) (8.72)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	7.17: HWY-M-06-96M 1997
	RS-0450(1) 1979 RESURFACE — 7.14: 450AB-01-89M 1990 RESURFACE
	FAS 2A 1940 — 7.13: STA. 390+50 → 7.39: S-2(2) 1947 — STA. 430+25 → 8.14: ← STA. 0+00: 450AB-01-76M 1976 RESURFACE
	FAS 2A(1) 1938 — COUNTY
HPMS	5.11 (1.65 MI.) 6.76

SCALE: (In Miles) 4" = 1 mile

Date Released
Oct 2004 GN
Revised

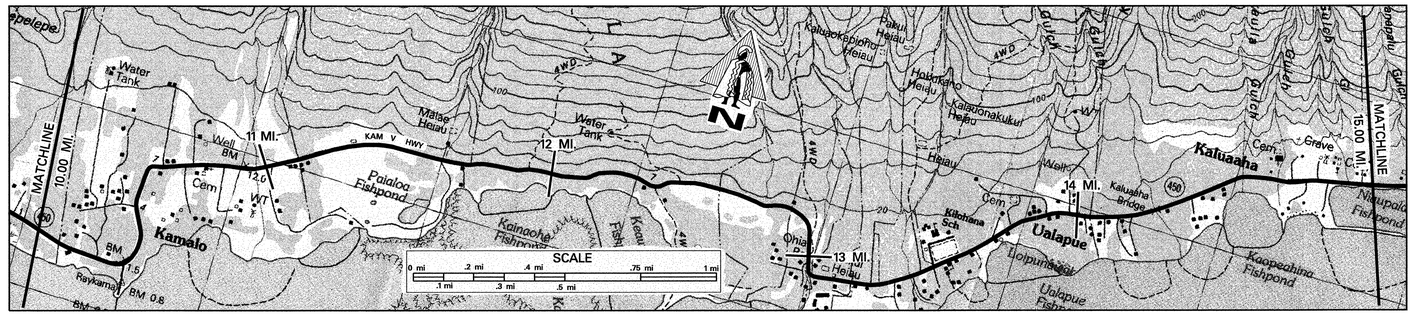
ROAD INVENTORY
MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

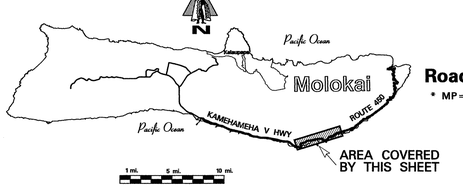
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.51 miles
a. Survey Length: 27.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	BEGIN 450 B SAME AS BEGIN SR 450 — 450B (17.43 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	450 04 (3.89 MI) — 450 05 (13.54 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	PRE-STRESSED SLAB 22' 1979 HS-20; PRE-STRESSED SLAB 36' 1979 HS-20
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	18'; 21'
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES AND LARGE BUSHES W / SOME HOMES AND OPEN PASTURE
Right of Way Fence: Type – Right and Left	WIRE ON WOOD; WIRE ON METAL CHAIN LINK; WIRE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	450AB–01–01M RESURFACE 2001; 450B–01–02M RESURFACE 2003
Project No., Type of Construction, and Year Constructed	



AREA COVERED BY THIS SHEET

Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #2

10.00 mi.

KAMALO WHARF ROAD; FORD; CULVERT; CULVERT; OHIA BRIDGE; Road to WAVECREST RESORTS; HAW'N TEL SUBSTATION; FORD; KILOHANA SCHOOL; UALAPUE PLACE; KALUAAHA BRIDGE; KEALA NUI OHINA PL.

KAMEHAMEHA V HIGHWAY

MP 10, 11, 12, 13, 14

10.02 mi. 10.15 mi. 10.84 mi. 11.02 mi. 12.03 mi. 12.12 mi. 12.52 mi. 12.81 mi. 12.93 mi. 13.01 mi. 12.98 mi. 13.17 mi. 13.26 mi. 13.43 mi. 14.02 mi. 14.15 mi.

CONTINUES ON SHEET #4

15.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	6' – 8'; 4'; 6'; 19' DIRT; 8'; 6'; 2' – 4' AC; 4' AC / 2' GRASS; 2' – 4' AC
Divided Highway – Undivided: Pavement: Width and Type	18' AC
Divided Highway – Undivided: Shoulder: Width and Type (ALL GRASS UNLESS NOTED)	4' – 6'; 8'; 6'; 4'; 6'; 2' – 4' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	NONE
(Right Side)	NONE
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left)	NONE
Protective Devices: Type, Location and Number	METAL ON METAL; METAL ON METAL
Illumination: Type, Location and Number	1 INCA.
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1)
Speed: 1–Design, 2–Posted	35 MPH (1); 30 MPH (2); 35 MPH (2); 20 MPH (SCHOOL ZONE); 20 MPH (SCHOOL ZONE); 30 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	450AB–01–01M 2001 RESURFACE; HWY–M–01–96M 1997; 450AB–01–89 1990 RESURFACE; 450B–02–88 1988 SHOULDER IMPROVEMENTS; 450B–01–94M 1996 RESURFACE; STP–0450(5) 1994 GUARDRAIL SHDLR. IMPROV.; 450AB–01–76M 1976 RESURFACE; 450B–01–76M 1976 RESURFACE; 450B–01–80M 1980 RESURFACE
HPMS	0.40 MI.; 1.61 MI.; 0.48 MI.; 0.71 MI.; 0.39 MI.; 0.30 MI.; 0.38 MI.; 0.47 MI.; 0.03 MI.

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004 GN	
Revised	

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HIGHWAY

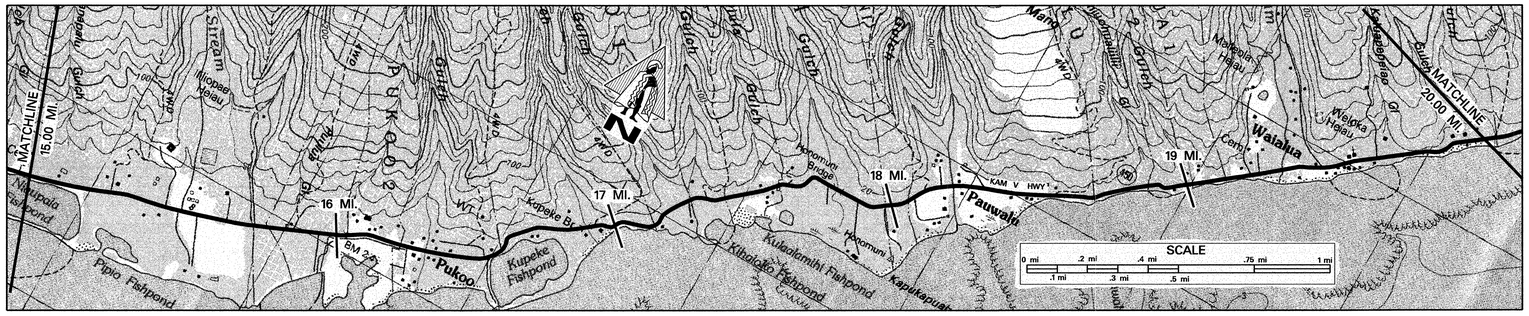
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

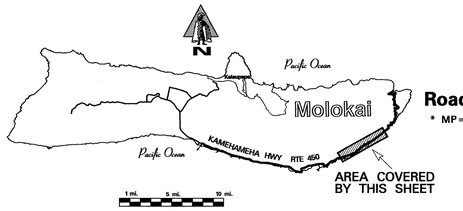
Total Route Length: 27.51 miles
a. Survey Length: 27.51 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description		450 B (17.43 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations		450 05 (13.54 MI.)
Structure Carrying Road	Bridges (Over 20'): Length, Type, Capacity and Year Constructed	42' SLAB 1950 (1968) HS20; 25' PRESTRESSED BEAM 1979 HS20; 16' PRESTRESSED BEAM 1979 HS20; 22' SLAB 1950 (1970) HS20; 103' PRESTRESSED BEAM 1970 HS20
	Vertical Clearance	
	Horizontal Clearance	20'; 21'; 21'; 21'; 26'
Structure Over Road	Vertical Clearance	
	Horizontal Clearance	
Right of Way Width (min.–max.) if varies		80'
Available Right of Way Width (Needs Study)		TREES AND LARGE BUSHES W/ SOME HOMES AND OPEN PASTURE
Right of Way Fence: Type – Right and Left		WIRE ON METAL W I R E (19.26)
Control of Access: 1–None, 2–Partial, 3–Full		N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)		S T A T E
Project No., Type of Construction, and Year Constructed		450B–01–02M RESURFACE (16.53); 450B–01–94M RESURFACE (18.62); STP–0450(5) (19.05); COUNTY (19.66); 450B–01–88M
Project No., Type of Construction, and Year Constructed		2003; 1996; 1994; 1988 (R)



Road Diagram
* MP = Milepost Signage

AREA COVERED BY THIS SHEET

CONTINUED FROM SHEET #3 — 15.00 mi.

MAPULEHU BRIDGE H.Y.B. MARKER 'ILI'ILI'OPAE HEIAU (15.49 mi.); BEACH PARK (15.70 mi.); FORD (16.07 mi. / 16.06 mi.); KUPEKE BRIDGE (16.65 mi.); CULVERT (17.05 mi. / 17.01 mi.); HONOMONI BRIDGE (17.47 mi.); KAWAIKAPU BRIDGE (17.91 mi.); WAIALUA BRIDGE (18.02 mi. / 19.03 mi. / 19.00 mi.)

KAMEHAMEHA V HIGHWAY — 15 MP, 16 MP, 17 MP, 18 MP, 19 MP

CONTINUES ON SHEET #5 — 20.00 mi.

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided	Shoulder: Width and Type	2' – 4' AC
	Pavement: Width and Type	18' AC; 16' AC
	Shoulder: Width and Type	2' – 4' AC
Divided Highway	Median: Width and Type	
	Shoulder: Width and Type	
	Pavement: Width and Type	
	Shoulder: Width and Type	
Number of Traffic Lanes		2–9'; 2–7'; 2 – 8'; 2 – 7'; 2 – (7'–9')
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)		N O N E
(Right Side)		N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)		N O N E
Sidewalk: Width and Type (Right and Left)		N O N E
Curb and/or Gutter: Type (Right and Left)		N O N E
Protective Devices: Type, Location and Number	METAL ON METAL	(15.50–15.47, 15.51); (16.65–16.63); (17.51–17.49, 17.51); (17.95–17.91); (19.06–18.99, 19.06)
Illumination: Type, Location and Number		
Curves: Degree of Curvature (Right and Left)		
Superelevation (Range)		
Grades: % Grade, Positive or Negative		
Vertical Curve: Crest or Sag, Curve Limits		
Area and Development:		R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous		F L A T (1); ROLLING (16.00); FLAT
Speed: 1–Design, 2–Posted		30 MPH (2); 5 MPH (2) / 30 MPH (2) (16.28); 30 MPH (2) / 5 MPH (2) (17.47–17.56); 30 MPH (2) (17.96); 30 MPH (2); 5 MPH (2) / 20 MPH (2) (19.70–19.71)
Intersection Control Devices: Type, Location and Cycle Timing		
Sight Distance: Minimum Passing PSD–		
Minimum Stopping SSD–		
Pavement Striping: No Passing Zones		
Capacity: Service Volume–E		
DOD Sections		
Census Tracts		
Functional Classification		MAJOR COLLECTOR
National Highway System (NHS)		
Previous Projects: Project No., Date and Limits		450B–01–94M 1996 RESURFACE (18.62); STP–0450(5) 1994 GUARDRAIL AND SHOULDER IMPROVEMENTS (19.05); 450B–01–80M 1980 RESURFACE (16.08–16.21); 450B–01–81M 1981 RESURFACE (18.66); 450B–01–87M 1987 RESURFACE (19.66); COUNTY
HPMS		(1.51 MI.); (0.47 MI.); (0.65 MI.); (4.20 MI.)

SCALE: (In Miles) 4" = 1 mile

Date Released	
Oct 2004	GN
Revised	

ROAD INVENTORY

MOLOKAI RTE 450
KAMEHAMEHA V HWY

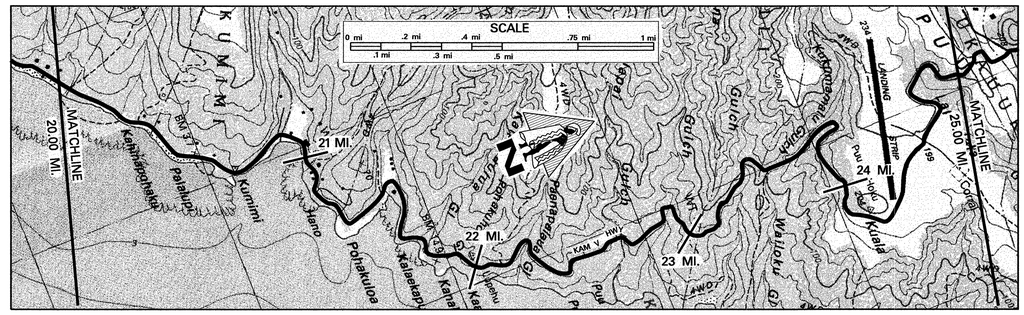
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 27.51 miles
- a. Survey Length: 27.51 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

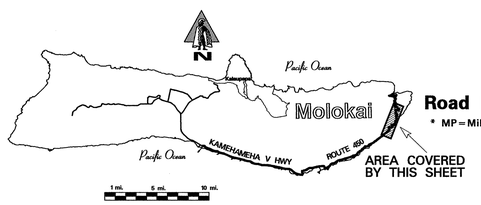
*



SCALE: (In Miles) 4" = 1 mile

20 21 22 23 24 25

Maintenance Control Sections : Length and Description	450B (17.43 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	450 05 (13.54 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT 1960 HS20 56' (20.53); TIMBER STRINGER 1950 H10 16' (21.15)
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	12' (20.53); 13' (21.15)
Structure Over or Under Road – Vertical Clearance	
Structure Over or Under Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80'
Available Right of Way Width (Needs Study)	TREES BUSHES AND SOME OPEN PASTURE
Right of Way Fence: Type – Right and Left	WOOD POST W/WIRE 10'–15' FROM PAVEMENT (20.95–23.72); WOOD ON WIRE 10'–15' FROM PAVEMENT (23.72–25)
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	450B–01–88M RESURFACE (24.86–25)
Project No., Type of Construction, and Year Constructed	1988; (450B–01–92M (R) 1993) (24.86–25)



Road Diagram
* MP = Milepost Signage
AREA COVERED BY THIS SHEET

CONTINUED FROM SHEET #4

20.00 mi. — HONOLUIWAI BR. (3 ARCH CULVERT) — HONOLUIMALOO BR. — CULVERT — CULVERT — BRANT FIELD — RANCH ROAD — 25.00 mi.

KAMEHAMEHA V HIGHWAY

20 MP — 21 MP — 23 MP — 24 MP — 25 MP

20.10 mi. — 20.53 mi. — 21.15 mi. 21.12 mi. — 22.57 mi. — 23.04 mi. 23.03 mi. — 24.03 mi. — 24.24 mi. — 24.86 mi. 24.94 mi.

CONTINUES ON SHEET #6

SCALE: (In Miles) 4" = 1 mile

20 21 22 23 24 25

Divided Highway – Undivided – Shoulder: Width and Type	2' – 6' AC (24.86–25: (2' AC))
Divided Highway – Undivided – Pavement: Width and Type	14' – 18' AC (24.86–25: (14' AC))
Divided Highway – Undivided – Shoulder: Width and Type	2' – 6' AC (24.86–25: (2' AC))
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – (7' – 9') (24.86–25: (2–7'))
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	N O N E
(Right Side)	N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	N O N E
Curb and/or Gutter: Type (Right and Left)	N O N E
Protective Devices: Type, Location and Number	N O N E
Illumination: Type, Location and Number	N O N E
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	ROLLING (20.20–21.50); MOUNTAINOUS (21.50–25); MOUNTAINOUS
Speed: 1–Design, 2–Posted	5 MPH (2) (20.20–21.23); 20 MPH (2) (21.23–25); 20 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
	450B–01–87M 1987 RESURFACE (24.86–25)
	COUNTY
HPMS	4.20 MI.; 1.10 MI. (23.86–24.95: (2.56))

SCALE: (In Miles) 4" = 1 mile

20 21 22 23 24 25

Date Released	
Oct 2004	GN
Revised	

ROAD INVENTORY

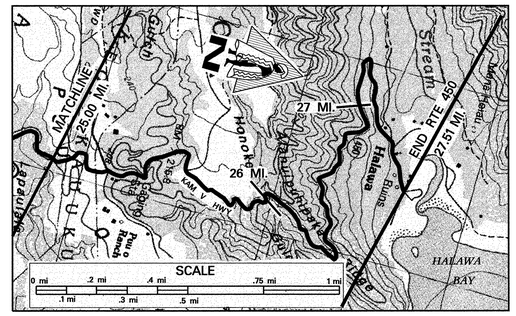
MOLOKAI RTE 450
KAMEHAMEHA V HWY.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

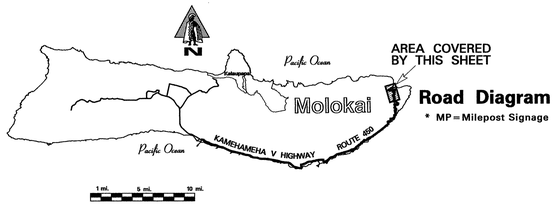
PREPARED BY THE
HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

Total Route Length: 27.51 miles
- a. Survey Length: 27.51 miles
- b. Proposed Length: 0.00 miles
- c. Other Length: * 0.00 miles

*



SCALE: (In Miles) 4" = 1 mile	25 26 27 28 29 30
Maintenance Control Sections : Length and Description	450 B (17.43 MI.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	450 05 (13.54 MI.)
Structure Carrying Road – Bridges (Over 20'): Length, Type, Capacity and Year Constructed	CULVERT
Structure Carrying Road – Vertical Clearance	
Structure Carrying Road – Horizontal Clearance	
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	WOOD ON WIRE 10'-15' FROM PAVEMENT / WOOD ON WIRE 10'-15' FROM PAVEMENT (25.55)
Control of Access: 1–None, 2–Partial, 3–Full	N O N E
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E
Project No., Type of Construction, and Year Constructed	450B–01–92M RESURFACE
Project No., Type of Construction, and Year Constructed	1993



Road Diagram
* MP = Milepost Signage

CONTINUED FROM SHEET #5

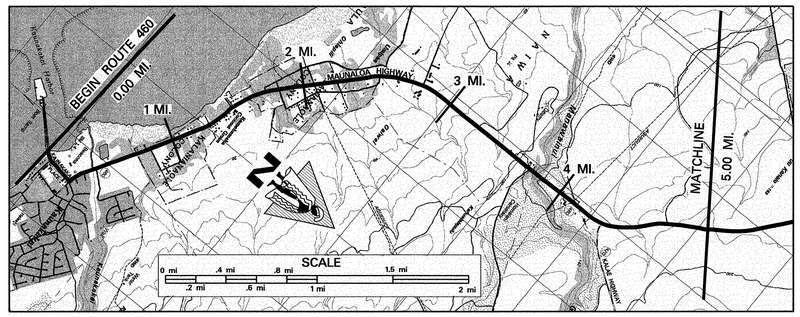
25.00 mi. — CULVERT (25.08 mi.) — FORD (25.75 mi.) — 26 MP (25.98 mi.) — 27 MP (26.97 mi.) — ROAD TO CHURCH — PARK ROAD (27.40 mi.) — 27.46 mi. — 27.51 mi.

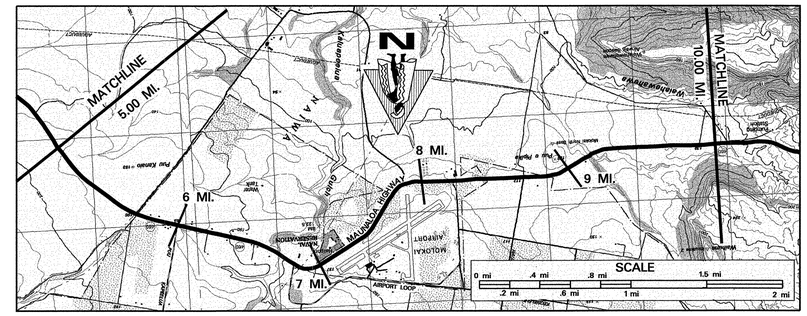
KAMEHAMEHA V HIGHWAY

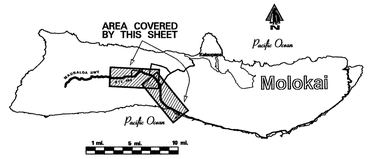
END ROUTE 450 ON KAMEHAMEHA V HIGHWAY AT THE END OF PAVEMENT.

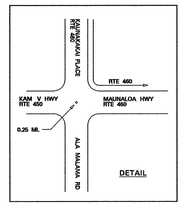
SCALE: (In Miles) 4" = 1 mile	25 26 27 28 29 30
Divided Highway – Undivided – Shoulder: Width and Type	2' AC
Divided Highway – Undivided – Pavement: Width and Type	14' AC
Divided Highway – Undivided – Shoulder: Width and Type	2' AC
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – 7'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	N O N E
(Right Side)	N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	N O N E
Curb and/or Gutter: Type (Right and Left)	N O N E
Protective Devices: Type, Location and Number	(CRM) ROCK WALL (M/M) (25.06 – 26.49)
Illumination: Type, Location and Number	N O N E
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS (27.10) ROLLING
Speed: 1–Design, 2–Posted	20 MPH (2) (25.00) SPEED NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
	COUNTY
HPMS	2.56 MI.
SCALE: (In Miles) 4" = 1 mile	25 26 27 28 29 30

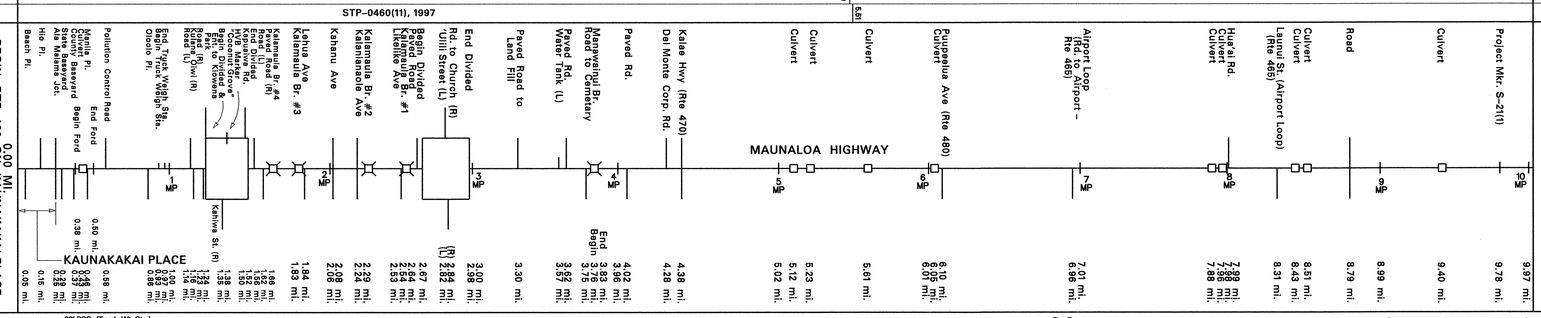
Date Released
Oct 2004 GN
Revised











ROAD INVENTORY
MOLOKAI RTE 460
KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Route Length: 16.56 miles
a. Survey Length: 16.56 miles
b. Proposed Length: 0.00 miles
c. Other Length: * 0.00 miles
*

SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10
Maintenance Control Sections : Length and Description	Begin 460A Same As Begin Rte 460 460A (16.56 mi.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	460 01 (0.25) 0.25 460 02 (0.59 mi.) 0.84 460 03 (3.52 mi.) 4.36 460 04 (2.60 mi.) 6.96 460 05 (8.05 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' Prestressed Conc. Girder 1988, HS–20–44 364'
Structure Carrying Road – Vertical Clearance	0.43 1.66 1.83 2.29 2.54 3.76
Structure Carrying Road – Horizontal Clearance	36' 36' 36' 36' 36' 41'
Structure Over Road – Vertical Clearance	
Structure Over Road – Horizontal Clearance	
Right of Way Width (min.–max.) if varies	80' 3.17 70'–160' 4.19 80'–160' 5.72 50' 6.91 80'–110' 7.84 100' 9.80 80'–400'
Available Right of Way Width (Needs Study)	Residential Area 1.53 2.02 1000' Clear – Grass, Bushes 10'–15' from Pavement 4.45 1000' Clear Pineapple 15'–25' from Pavement 5.71 Ranch and Pasture 7.04 Airport 30' 7.49 Clear 1000' Pineapple/Grass Pasture
Right of Way Fence: Type – Right and Left	2.02 Wire on Wood 10' from Pavement 4.01 1.98 Wire on Wood 10' from Pavement 4.01 6.04 Wire on Wood 10' from Pavement 8.31 7.09 ChainLink 7.49
Control of Access: 1–None, 2–Partial, 3–Full	None
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State
Project No., Type of Construction, and Year Constructed	5.49 STP–0460(12), Resurface, 1998
Project No., Type of Construction, and Year Constructed	STP–0460(11), 1997 5.51

Road Diagram
* MP=Milepost Signage

CONTINUED ON SHEET #2

SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10 20' PCC (Truck Wt. Sta.)
Undivided – Shoulder: Width and Type	4' AC 0.39 8' AC 0.50 4' AC 0.93 0.99 4' AC (8' PCC) 4' AC 5.87 8' AC 6.73 6.85 4' AC 6.93 8' AC 4' AC
Undivided – Pavement: Width and Type	24' AC 12' AC 24' AC 12' AC 24' AC (24' PCC) (8' AC) 24' AC 9.78 22' AC
Undivided – Shoulder: Width and Type	4' AC 8' AC 0.50 4' AC 0 4' AC 0 4' AC (8' PCC) 3.76 3.83 7' AC 3.91 4' AC 4.63 6' AC 4.89 4' AC 5.77 8' AC 6.06 4' AC 6.21 8' AC 6.72 4' AC 6.87 6.93 4' AC
Divided Highway – Median: Width and Type	0.39 1.24 12' Painted AC 1.52 2.67 12' Painted AC 2.98
Median Barriers:	
Shoulder: Width and Type	0 0
Pavement: Width and Type	12' AC 12' AC
Shoulder: Width and Type	4' AC 4' AC
Number of Traffic Lanes	2–12' 9.78 2–11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	1–12' (L) TL 1.35 1.44 2.84 2.90 3.30 3.43 4.30 4.37 4.40 12' Lanes
(Right Side)	2.72 2.82
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)	2.61 3.42 3' Conc. Gutter 4.63 4.89 5.87 AC Curb 6.73 AC Curb AC Curb 6.72 7.55
Protective Devices: Type, Location and Number – Metal Rails on Metal Posts	1.58 1.82 2.17 3.54 4.47 4.62 5.77 6.06 6.21 6.73 6.85 7.48 7.61
Illumination: Type, Location and Number	Mercury Vapor 1.49 1.62 1.84 1 MV 2.08 1 MV 2.26 1 MV 2.63 3.40 6.13 1 MV 6.82 6.86
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.57 –1 1.04 1.06 +1 1.23 2.21 –1 2.32 3.03 –6 3.30 3.90 –8 4.16 5.07 +2 5.25 5.98 –1 6.35 7.18 –1 7.49 8.51 –1 8.88 9.09 +1 9.25 9.45 –2 9.78 9.79 –2
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Flat 2.56 Rolling 5.56 Flat
Speed: 1–Design, 2–Posted	35 MPH (2) 0.62 20 MPH (2) 0.52 45 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Major Collector
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	6.65 460A–01–91M (Shoulder Paving), 1992 460A–01–90M (Shoulder Paving), 1991 6.98 RS–0460(1) Resurface, 1979 0.43 ◁ 0.53 – (46A–02–71,1971) 3.76 ◁ 3.83 – (BR–0460(9), Bridge Replacement, 1988) 5.61 RS–0460(8), Resurf., 1987 6.68 7.04 460B–01–83M Resurf., 1983 (NRH 19–A, 1935) ▷ 0.29 F–19(4) 1953, 1954 3.11 FAP 19D, 1939 4.12 F–046(1), 1955 5.62 NRH 34 A(1) 1939 F–046(1), 1955 7.85 F–34(2), 1952 9.80 Sta. 0+00 Sta. 463+28 Sta. 360+00 (FAS 21(1), 1949)
HPMS	0.43 0.41 0.84 0.81 1.65 2.64 0.45 3.09 1.27 4.36 6.27 0.57 6.84
SCALE: (In Miles) 2" = 1 mile	0 1 2 3 4 5 6 7 8 9 10

Date Released
Mar. 04, D.B.
Revised

ROAD INVENTORY

MOLOKAI RTE 460

KAUNAKAKAI PLACE AND MAUNALOA HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

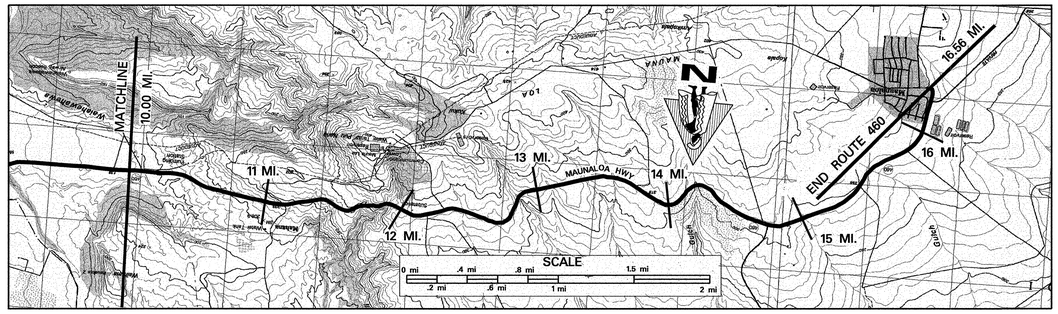
Total Route Length: 16.56 miles

a. **Survey Length:** 16.56 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 2" = 1 mile

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

ADT Sections; ADT; Traffic Count and Truck Weight Stations
460 05 (8.05 mi.) — 15.01 — 460 06 (1.55 mi.)

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

Structure Over Road
- Vertical Clearance
- Horizontal Clearance

Right of Way Width (min.–max.) if varies: 80' – 400'

Available Right of Way Width (Needs Study): (Clear 1000' Pineapple/Grass Pasture) — 1000' Clear – Grass, Bushes, 10'–20' from Pavement

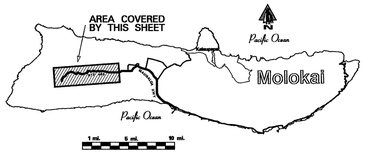
Right of Way Fence: Type – Right and Left: 10.26 Wire on Wood 20'–30' from Pavement — 12.19 — 14.69 Wire on Wood 20'–30' from Pavement

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

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

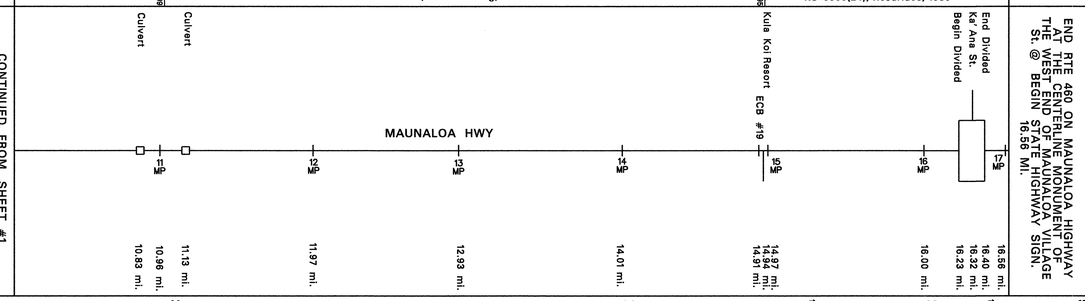
Project No., Type of Construction, and Year Constructed: 11.01 — 460A–01–99M, Resurface, 2000

Project No., Type of Construction, and Year Constructed: STP–0460(12) Resurface, 1998 — 10.99 — 460A–01–91M, Shldr. Paving, 1992 — 14.95 — RS–0900(24), Resurface, 1986



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

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

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) — x= 2' Conc. Gutter

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

Illumination: Type, Location and Number

Curves: Degree of Curvature (Right and Left)

Superelevation (Range)

Grades: % Grade, Positive or Negative

Vertical Curve: Crest or Sag, Curve Limits

Area and Development: Rural

Terrain: 1–Flat, 2–Rolling, 3–Mountainous: Flat 10.21 — Rolling

Speed: 1–Design, 2–Posted: 45 MPH (2) — (45 MPH (2)) — 16.27 — 16.07 — 20 MPH (2) — (35 MPH (2))

Intersection Control Devices: Type, Location and Cycle Timing

Sight Distance: Minimum Passing PSD–

Minimum Stopping SSD–

Pavement Striping: No Passing Zones

Capacity: Service Volume–E

DOD Sections

Census Tracts

Functional Classification: Major Collector

National Highway System (NHS)

Previous Projects: Project No., Date and Limits

(460A–01–70, Slope Imprv., 1971) — 11.56 — (460A–01–71, 1971) — 11.86 — 11.99 — (46A–01–71, Resurface, 1971) — 12.20 — 460A–01–91M, Shldr. Paving, 1992 — 14.95
460B–01–83M, Resurface, 1983 — RS–0900(24), Resurface, 1986
FAS 21(1), 1949

HPMS: 10.27 — 0.76 — 11.03 — 15.26 — 0.34 — 15.60

SCALE: (In Miles) 2" = 1 mile

Date Released
Mar. 04, D.B.
Revised

ROAD INVENTORY

MOLOKAI RTE 465
AIRPORT LOOP

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

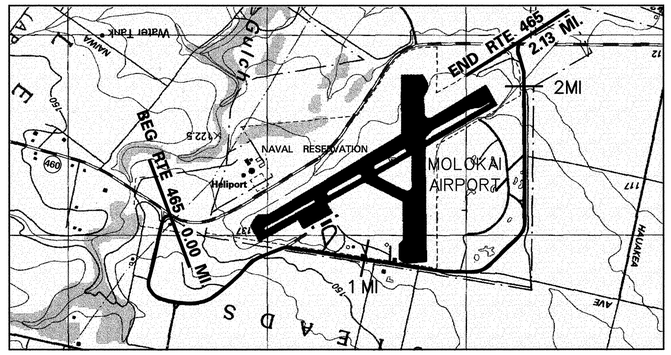
PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

Total Designated Route Length: 2.13 MILES (a+b)
- a. Existing Length: 2.13 MILES
- b. Proposed Length: 0.00 MILES

Total Travel Way Length: 2.13 MILES (a+b, less c)
- a. Existing Length: 2.13 MILES
- b. Temporary Length: 0.00 MILES
- c. Length used as T.W. for another Route: 0.00 MILES (–)

NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____



SCALE:
0 mi. 1 mi.

SCALE: (In Miles) 4" = 1 mile

Maintenance Control Sections : Length and Description	
ADT Sections; ADT; Traffic Count and Truck Weight Stations	465 01 (0.86 MI.) | 0.86 | 465 02 (1.27 MI.)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	
Available Right of Way Width (Needs Study)	
Right of Way Fence: Type – Right and Left	
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	COUNTY
Project No., Type of Construction, and Year Constructed	
Project No., Type of Construction, and Year Constructed	

Road Diagram

* MP=Milepost Signage

BEGIN ROUTE 465 ON AIPORT LOOP AT THE NORTH EDGE OF PAVEMENT OF MAUNALOA HIGHWAY (RTE 460). 0.00 MI.

AIRPORT LOOP

Mokulele Street (0.35 mi.) · Hoolehua Airport Road (0.86 mi.) · Paved Roads (1.00 mi., 1.07 mi.) · Dirt Road (1.22 mi.) · Dirt Road (1.58 mi.) · Paved Road (1.63 mi.) · Dirt Road (1.90 mi.)

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

SCALE: (In Miles) 4" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type (Dirt / Grass)	40' (0.06) · 15' · (1.58) · 10' · (1.79) · 15'
Divided Highway – Undivided: Pavement: Width and Type	18' AC · (1.22) · 18' BP
Divided Highway – Undivided: Shoulder: Width and Type (Dirt / Grass)	15' · (0.22) · 10' · (0.56) · 6' · (0.65) · 15' · (1.07) · 20' · (1.17) · 10' · (1.41) · 15' · (1.58) · 0 · (1.70) · 10'
Divided Highway – Median: Width and Type	
Divided Highway – Shoulder: Width and Type	
Divided Highway – Pavement: Width and Type	
Divided Highway – Shoulder: Width and Type	
Number of Traffic Lanes	2 – 9'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	
Curb and/or Gutter: Type (Right and Left)	
Protective Devices: Type, Location and Number	
Illumination: Type, Location and Number	
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	Rural
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	Rolling
Speed: 1–Design, 2–Posted	Not Posted
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	Major Collector
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
HPMS	

SCALE: (In Miles) 4" = 1 mile

Date Released	
Jun 2002, JK	
Revised	

ROAD INVENTORY
MOLOKAI RTE 470
KALAE HIGHWAY

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

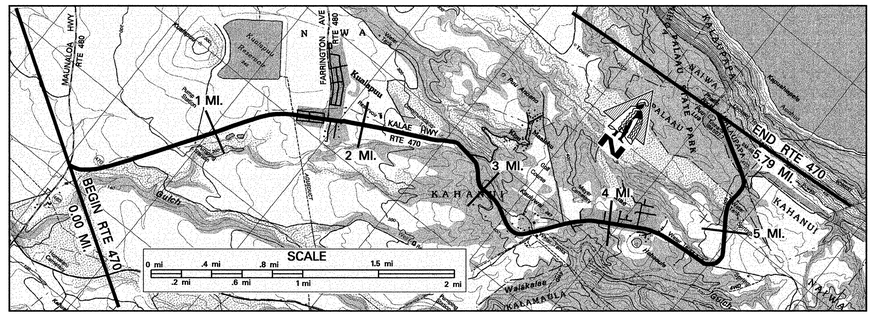
Total Route Length: 5.79 miles

a. **Survey Length:** 5.79 miles

b. **Proposed Length:** 0.00 miles

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

*



SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	Begin 470A same as begin route — 470A (5.79 MI.)	End 470A same as end route.
ADT Sections; ADT; Traffic Count and Truck Weight Stations	470 01 (1.75 MI.) — 1.75 — 470 02 (0.99 MI.) — 2.74 — 470 03 (3.05 MI.)	
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed		
Structure Carrying Road: Vertical Clearance		
Structure Carrying Road: Horizontal Clearance		
Structure Over Road: Vertical Clearance		
Structure Over Road: Horizontal Clearance	80' – 120' — 3.69 — 60' – 70' — 5.69 — 60' – 130'	
Right of Way Width (min.–max.) if varies	1000' PINEAPPLE FIELD, 20' – 30' FROM PAVEMENT — 1.57 — RES. AREA — 1.98 — 2.38 — PASTURE AREA W/ SOME HOUSES — LARGE TREES & BUSHES	
Available Right of Way Width (Needs Study)	N O N E — 1000' CLR PINEAPPLE 20' FROM PAV'T — WIRE ON WOOD 10' – 25' FROM PAVEMENT — WIRE ON WOOD 10' – 25' FROM PAVEMENT — 5.98	
Right of Way Fence: Type – Right and Left		
Control of Access: 1–None, 2–Partial, 3–Full	N O N E	
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	S T A T E	
Project No., Type of Construction, and Year Constructed	0.01 — STP–0470 (5) GUARDRAIL / SHOULDER IMPROVEMENT 2001 AND 470A–01–00M 2001 RESURFACE	
Project No., Type of Construction, and Year Constructed	STP–0470 (4) 1996 GUARDRAIL & SHOULDER IMPROVEMENT — 1.74 — RS–0900 (24) 1986 RESURFACE — 2.88 — RS–0470(3) 1982 RESURFACE — 4.34 — 470A–01–92M 1993 RESURFACE	

Road Diagram

* MP = Milepost Signage

0.00 MI. — BEGIN ROUTE 470 ON KALAE HIGHWAY AT THE NORTHEAST EDGE OF PAVEMENT WITH MAUNALOA HIGHWAY (ROUTE 460).

KALAE HIGHWAY

- 0.02 mi. — CULVERT
- 0.40 mi. — ROAD TRACTOR XING
- 1.00 mi. — 0.87 mi. — 0.84 mi. — 1 MP
- 1.47 mi. — N. KIAPA ST. TRACTOR XING
- 1.56 mi. — S. KIAPA ST
- 1.64 mi. — S. NONI ST.
- 1.76 mi. — LAHAINA PL. FARRINGTON AVE PROJECT MARKER & 2 MP
- 2.51 mi. — MICROWAVE COMM. STATION
- 2.88 mi. — 2.76 mi. — CULVERT KIPU ROAD (GOLF COURSE)
- 3.11 mi. — 3 MP
- 3.47 mi. — ROAD TO WATER TANK
- 3.81 mi. — 3.75 mi. — 3.70 mi. — IRONWOOD HILLS GOLF COURSE — KALAE HOUSING — RD. TO KAUSTEEL (KAOLOA RANCH)
- 4.08 mi. — 4.18 mi. — 4.09 mi. — 4 MP — NANIKAI PLACE — KALAMA ROAD — ROAD
- 4.29 mi. — 4.74 mi. — 4.68 mi. — R.W. MEYER LTD. ROAD — RD. TO WATER TANK
- 5.10 mi. — 5 MP
- 5.33 mi. — 5.24 mi. — 5.51 mi. — RD. TO PALAAU STATE PARK — ROAD — PAVILION
- 5.62 mi. — RD. TO CAMP AREA
- 5.78 mi. — 5.66 mi. — PARKING AREA — 5.72 MP

HIGHWAY

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

SCALE: (In Miles) 2" = 1 mile	
Divided Highway – Undivided: Shoulder: Width and Type	6' AC — 1.40 — 8' AC — 1.74 — 6' AC — 4.18 — 6' GRAVEL — 5.08 — 8" GRV — 5.23 — 5" AC — 5.42 — 4" AC — 5.53 — 6' AC
Divided Highway – Undivided: Pavement: Width and Type	3" AC 24" AC — 0.20 — 24' AC — 1.73 — 18' AC — 2.88 — 20' AC — 5" AC — 5" GRV
Divided Highway – Undivided: Shoulder: Width and Type	6' AC — 0.08 — 8' AC — 1.74 — 6' AC — 4.34 — 8' GRAVEL — 5.08 — 5" AC — 8" GRV — 5.19 — 5.53 — 6' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	1–18' 1–12' — 0.20 — 2 – 12' — 1.73 — 2 – 9' — 2.88 — 2 – 10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	0.08 — N O N E
(Right Side)	N O N E
Frontage Road: No. of Lanes, and Width (Right and Left)	N O N E
Sidewalk: Width and Type (Right and Left)	0.24 0.20 — 0.54 — 0.87 — 4' 4' 4' 4' — 1.19 1.38 — 4" 4" — 4.44 4.28 4.37 4.34 — 4.76 6' 6' 0' 4' 4' 6' 6' 0' 4' — 5.18 5.08 — 5.33
Curb and/or Gutter: Type (Right and Left) — ALL CONCRETE GUTTERS	0.08 — 1.73 — 2.37 2.47 2.68 2.78 — 4.34 4.43 4.18 4.61 4.72 4.80 4.96 5.08 5.14 5.26
Protective Devices: Type, Location and Number — METAL ON METAL UNLESS NOTED (*WOOD RAIL ON CONC. POST)	0.25 0.56 0.98 1.20 1.31 — 3.37 3.54 3.64 3.75 3.84 5.71
Illumination: Type, Location and Number	0.01 — 0.22 — 1.56 M/V 1.74 — 2.50 2.69 2.82 2.80
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.39 +6 0.52 0.71 +4 1.04 1.20 +2 1.28 — 1.97 +8 2.20 — 3.50 –1 3.71 — 4.10 +7 4.20 4.45 +8 4.65 4.94 –4 5.05 — 5.64 +4
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	R U R A L
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT (1) — 2.50 — ROLLING — 5.20
Speed: 1–Design, 2–Posted	45 MPH (1) — 35 MPH (2) — 45 MPH (1) — 30 MPH (1) — 35 MPH (2) — 25 MPH (1)
Intersection Control Devices: Type, Location and Cycle Timing	0.23 — 1.47
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	HWY-M-01-85M 1985 — 0.68 — 0.97 — HWY-M-01-82M 1982 — 1.73 — RS-0900(24) 1986 — 2.88
	RESURFACE — RESURFACE — RESURFACE
	F–047–1(1) — 1.75 — WPH – 19B — 3.34 — COUNTY — 4.12 — REALIGNMENT 1971
	1957, 1958 — 1936 — S–047(1) & S–047(2) 1970
HPMS	0.68 — 0.31 MI. — 0.87 — (78+00) — (48+92) — 5.18 — .15 — 5.33 — .31 MI. — 5.64
SCALE: (In Miles) 2" = 1 mile	

Date Released
Oct 2004 GN
Revised

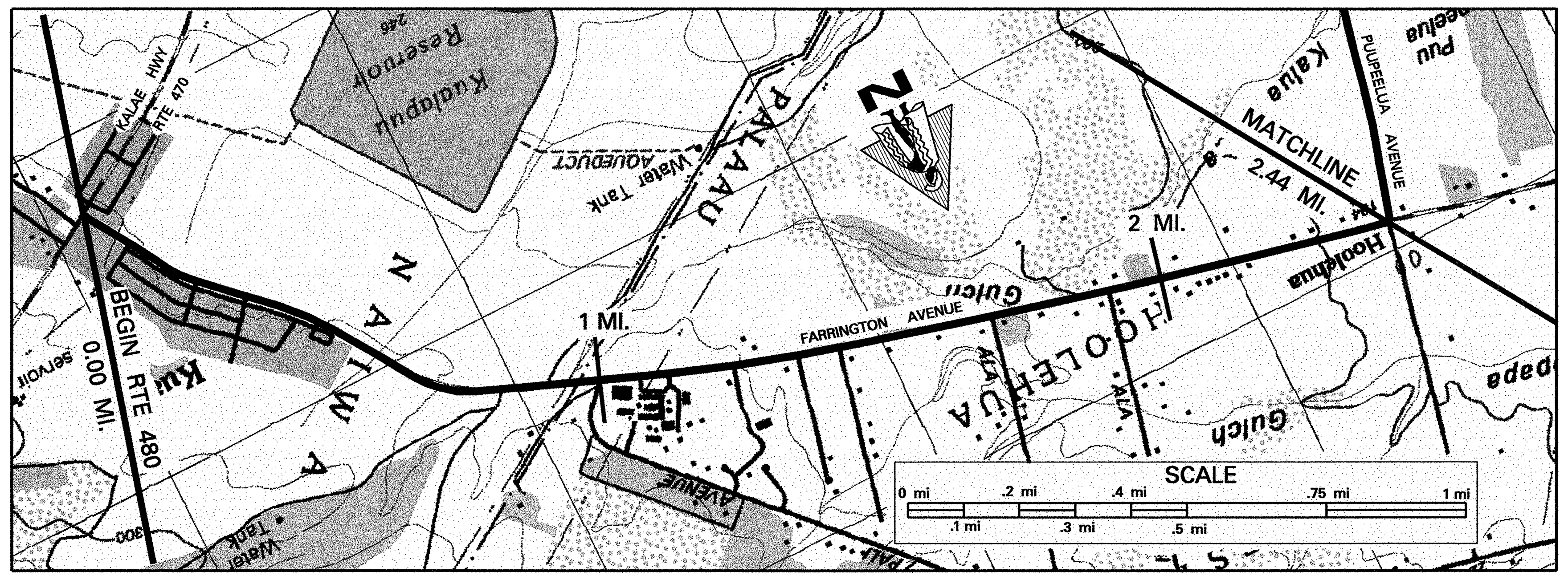
ROAD INVENTORY
MOLOKAI RTE 480
FARRINGTON AVE. – PUUPEELUA AVE.

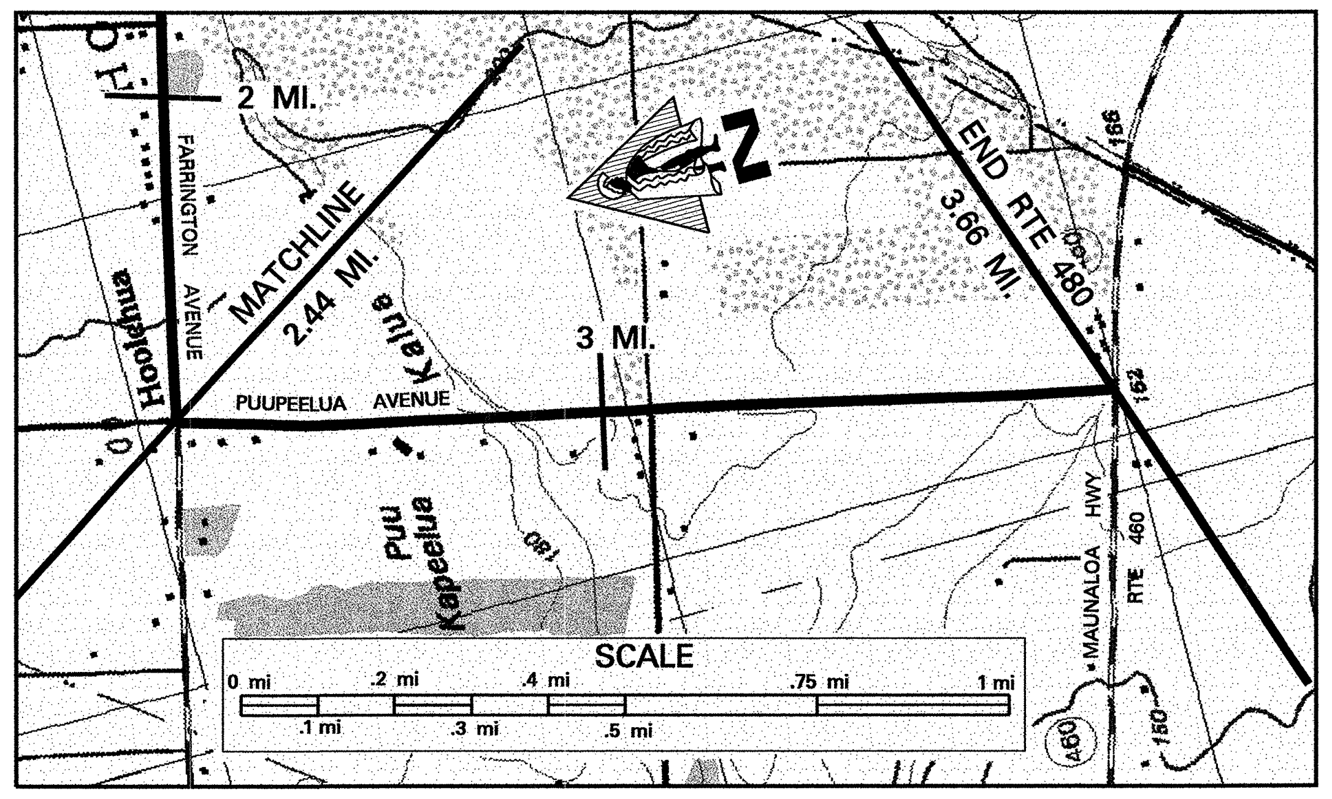
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PREPARED BY THE
HIGHWAY PLANNING BRANCH

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

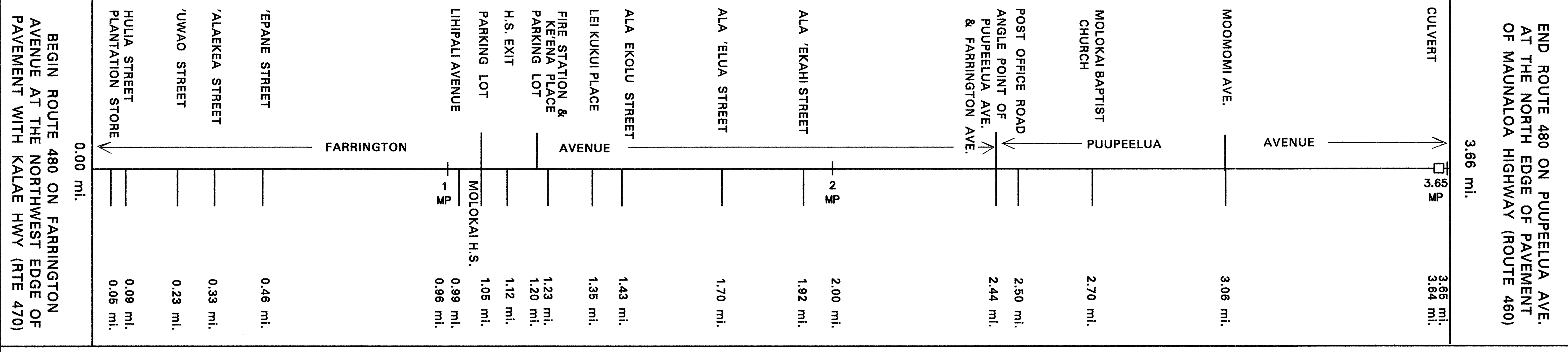
Total Route Length: 3.66 **miles**
a. Survey Length: 3.66 **miles**
b. Proposed Length: 0.00 **miles**
c. Other Length: * 0.00 **miles**
*





SCALE: (In Miles) 4" = 1 mile	0 — 1 — 2 — 3 — 4 — 5
Maintenance Control Sections : Length and Description	Begin 480 on Farrington Avenue 16' West of the Northwest edge of pavement of Kalae Highway. — 480A (3.65 MI.) — 3.65 — End 480A on Puupeelua Avenue 50' North of North edge of pavement of Maunaloa Highway.
ADT Sections; ADT; Traffic Count and Truck Weight Stations	480 01 (2.44 MI) — 2.44 — 480 02 (1.22 MI)
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Structure Carrying Road: Vertical Clearance	
Structure Carrying Road: Horizontal Clearance	
Structure Over Road: Vertical Clearance	
Structure Over Road: Horizontal Clearance	
Right of Way Width (min.–max.) if varies	+60' — 2.44 — 80'
Available Right of Way Width (Needs Study)	RES. — 0.25 — CLEAR 1000' PINEAPPLE 15' – 20' FROM EDGE OF PAVEMENT — 0.87 — CLEAR 1000' GRASS & TREES 15' – 20' FROM PAVEMENT
Right of Way Fence: Type – Right and Left	1.37 — WIRE ON WOOD 15' – 20' FROM PAVEMENT — 2.50
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	STATE
Project No., Type of Construction, and Year Constructed	STP–0480(2) RESURFACE
Project No., Type of Construction, and Year Constructed	1999

Road Diagram
* MP=Milepost Signage



SCALE: (In Miles) 4" = 1 mile	0 — 1 — 2 — 3 — 4 — 5
Undivided: Shoulder: Width and Type	6' AC
Undivided: Pavement: Width and Type	24' AC — 2.47 — 22' AC
Undivided: Shoulder: Width and Type	6' AC
Divided Highway: Median: Width and Type	
Divided Highway: Shoulder: Width and Type	
Divided Highway: Pavement: Width and Type	
Divided Highway: Shoulder: Width and Type	
Number of Traffic Lanes	2 – 12' — 2.47 — 2 – 11'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	
Sidewalk: Width and Type (Right and Left)	0.55 — 4' AC FOOT PATH — 2.44
Curb and/or Gutter: Type (Right and Left) CONCRETE CURB AND GUTTERS	0.90 — 0.99; 0.99 — 1.13
Protective Devices: Type, Location and Number ALL METAL ON CONCRETE	0.53 — 0.60; 0.74 — 0.80; 0.88 — 0.97
Illumination: Type, Location and Number	1 MV 0.03; 0.97 MV 1.07; 1 MV 1.24; 1 MV 1.49; 1 MV 1.72; 1 MV 1.93; 1 MV 3.08
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	0.24 –1 0.36; 1.37 +2 1.50; 1.54 +4 1.83; 1.92 +2 2.42; 2.46 +2 2.66; 2.89 –2 3.08; 3.52 –2 3.65
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT
Speed: 1–Design, 2–Posted	NOT POSTED — 0.07 — 35 MPH (2) — 0.89 — 0.96 — 20 MPH (2) — 1.25 — 1.32 — 35 MPH (2) — 3.55 — NOT POSTED
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	
Census Tracts	
Functional Classification	MINOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	
	HWY–M–01–82M 1982 RESURFACE
	S–0480–(1) 1968 — 2.45
	S–0480–(1) UNIT 1 1965 — 1.70 — S–0480(1), UNIT 2 1965 — S–1(2) 1947
HPMS	0+00 — 64+50
SCALE: (In Miles) 4" = 1 mile	0 — 1 — 2 — 3 — 4 — 5

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

ROAD INVENTORY

LANAI RTE. 440
KAUMALAPAU HWY., MANELE RD.

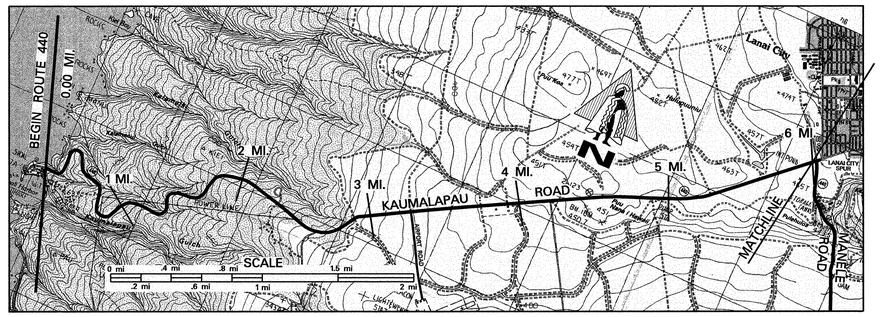
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

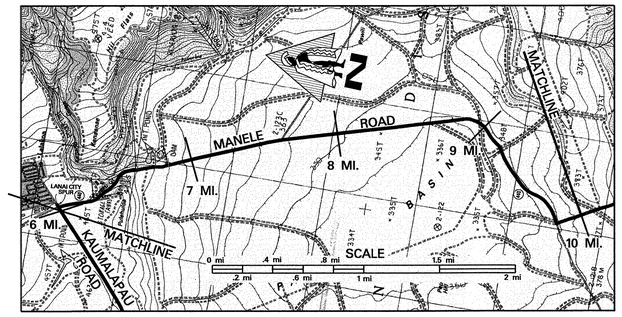
PREPARED BY THE
HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.18 mi.
AIRPORT SPUR	=	0.47 mi.
LANAI CITY SPUR	=	0.03 mi.
TOTAL	=	13.68 mi.

Total Designated Route Length: 13.68 * MILES (a+b)
a. Existing Length: 13.68 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.68 * MILES (a+b, less c)
a. Existing Length: 13.68 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

NEEDS STUDY ROUTE NO. ______ FUNCTIONAL CLASSIFICATION ______



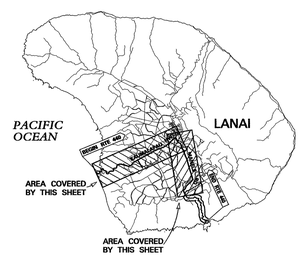


SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

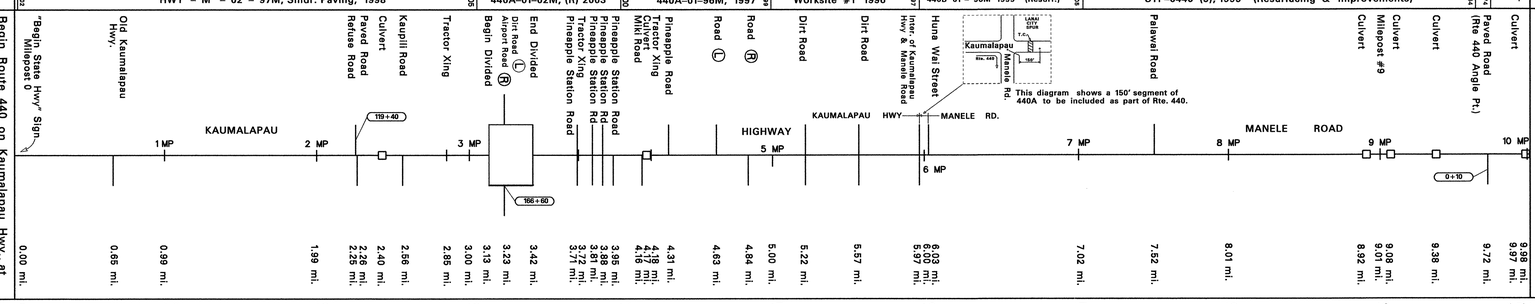
Item	Entries (milepost)
Maintenance Control Sections : Length and Description	Beg. 440 A Same as Begin Route; 440A (5.97 mi.) *; *Does not include Airport Spur (see sht. 2) or Kaumalapau Hwy northeast of Manele Rd. (see diagram below); End 440 A On Kaumalapau Hwy 150' northeast of centerline intersection with Manele Rd.; Begin 440 B On Manele Road at southeast edge of pavement of Kaumalapau Hwy; 440B (7.21 mi.)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	440 01 (3.23 mi.) 3.23; 440 02 (2.74 mi.) 5.97; 440 03 (7.21 mi.)
Structure Carrying Road — Bridges (Over 20'): Length, Type, Capacity and Year Constructed	
Vertical Clearance	
Horizontal Clearance	
Structure Over Road — Vertical Clearance	
Horizontal Clearance	
Right of Way Width (min.–max.) if varies	90' – 200' 1.83; 80' – 130' 3.33; 100' 5.02; 80' – 150' 5.94; 30'
Available Right of Way Width (Needs Study)	Clear 1000' Pineapple Fields / Bushes, Small Trees 15' – 25' From Edge of Pavement
Right of Way Fence: Type – Right and Left	NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	117+00; STATE; 161+00; 0+00; 32+50; STATE; 193+50; 7+00; (440A–01–92M, (R), 1992)
Project No., Type of Construction, and Year Constructed	(440A–01–99M, Resurf, 2000) 2.20; 440A–01–03M, Resurf, 2005 3.12; STP – 0440(6) Resurf.; 440B–01–04M, Resurf., 2005 6.59; 440B – 02 – 98M, R, '99 7.98; (440B–01–04M, Resurf., 2005) 9.86
Project No., Type of Construction, and Year Constructed	0.02 HWY – M – 02 – 97M, Shldr. Paving, 1998 3.05; 440A–01–02M, (R) 2003 4.00; 440A–01–96M, 1997 4.99; Worksite #1 1996 5.97; 440B 01 – 98M 1999 (Resurf.) 7.05; STP–0440 (5), 1995 (Resurfacing & Improvements) 9.64; 9.74

Road Diagram

* MP = Milepost Signage



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



CONT. ON SHEET # 2

SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

Item	Entries (milepost)
Undivided — Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	6' AC; 6' GRV; 6' AC 4.99; 6' GRV, 25', 10', 25', 6' – 10', 25'; 2' AC; 4' GRS/GRV; 25' Grass; 25' Dirt
Pavement: Width and Type	24' AC; 12' AC; 24' AC; 25' 5.01; 5.22; 5.30; 5.45; 5.58; 5.86; 5.97; 20' AC
Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	6' AC 1.28; 6' GRV 1.80; 6' AC 3.13; 0 3.42; 6' AC 4.98; 8'GRV, 15', 12', 25', 6' – 10', 25'; 6.04; 5.20; 5.36; 5.44; 5.58; 5.86; 2' AC; 4' GRS/GRV; 8'; 25' Dirt; 9.89; 9.96
Divided Highway — Median: Width and Type	12' PAINTED AC
Shoulder: Width and Type	0
Pavement: Width and Type	12' AC
Shoulder: Width and Type	6' AC
Number of Traffic Lanes	2–12' 5.97; 2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)	3.19; 3.23; 3.35; 12' TLs
(Right Side)	
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE
Sidewalk: Width and Type (Right and Left)	NONE
Curb and/or Gutter: Type (Right and Left) GUTTERS	0.07; 0.22; 0.32; 0.60; 0.64; 0.66; 0.69; 0.95; 1.13; 1.21; 1.31; 1.35; 1.43; 1.51; 1.71; 2.23; 2.25; 2.27; 2.57; 2.83; 3.05; 3.26; 3.30; 8.86; 8.89; 9.39; 9.43
Protective Devices: Type, Location and Number	2.58; 2.76; ALL METAL ON METAL; 6.20; 6.53; 8.86; 8.88; 9.38; 9.42
Illumination: Type, Location and Number	NONE
Curves: Degree of Curvature (Right and Left)	
Superelevation (Range)	
Grades: % Grade, Positive or Negative	
Vertical Curve: Crest or Sag, Curve Limits	
Area and Development:	RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	MOUNTAINOUS 0.95; ROLLING 1.85; FLAT
Speed: 1–Design, 2–Posted	30 MPH ② 2.08; 2.11; 45 MPH ②; 45 MPH ②; 35 MPH ②; 5.77; 5.91; 5.93; 6.00; 20 MPH ②; 20 MPH ②; 35 MPH ②
Intersection Control Devices: Type, Location and Cycle Timing	
Sight Distance: Minimum Passing PSD–	
Minimum Stopping SSD–	
Pavement Striping: No Passing Zones	
Capacity: Service Volume–E	
DOD Sections	COUNTY
Census Tracts	
Functional Classification	MAJOR COLLECTOR
National Highway System (NHS)	
Previous Projects: Project No., Date and Limits	0.02 HWY – M – 02 – 97M, Shldr. Paving, 1998 3.41 440A–01–99M, Resurf. 2000 2.05; 440A–01–90M, Shldr. Paving, 1998 44A–02–88, Shldr.Imp, 1988 1.28; 1.80 440A–01–90M, Shldr. Paving, '90 3.20; 3.42 440A–01–96M, 1997 4.99 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; COUNTY S–0440(1) 1959, '60; STA. 310+73.91 → 5.94
HPMS	0.95 0.96; 3.89 0.42 4.31; 8.34 0.34 8.68

SCALE: (In Miles) 2" = 1 mile — 0 1 2 3 4 5 6 7 8 9 10

Date Released	
Dec. 2002	T.S.
Revised	
Feb. 04	D.B.
Aug. 04	D.B.
Feb., 06	D.B.

ROAD INVENTORY

LANAI RTE. 440
MANELE ROAD, AIRPORT ROAD

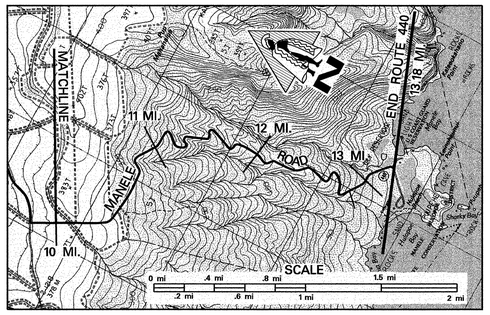
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

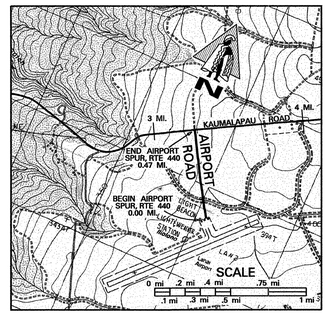
PREPARED BY THE HIGHWAY PLANNING BRANCH
IN COOPERATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

* ROUTE LENGTH	=	13.18 mi.
AIRPORT SPUR	=	0.47 mi.
LANAI CITY SPUR	=	0.03 mi.
TOTAL	=	13.68 mi.

Total Designated Route Length: 13.68 * MILES (a+b)
a. Existing Length: 13.68 * MILES
b. Proposed Length: NONE MILES
Total Travel Way Length: 13.68 * MILES (a+b, less c)
a. Existing Length: 13.68 * MILES
b. Temporary Length: NONE MILES
c. Length used as T.W. for another Route: NONE MILES (–)

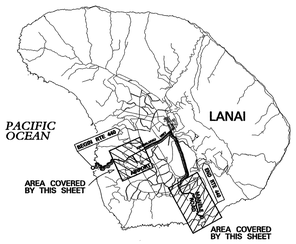
NEEDS STUDY ROUTE NO. _____ FUNCTIONAL CLASSIFICATION _____





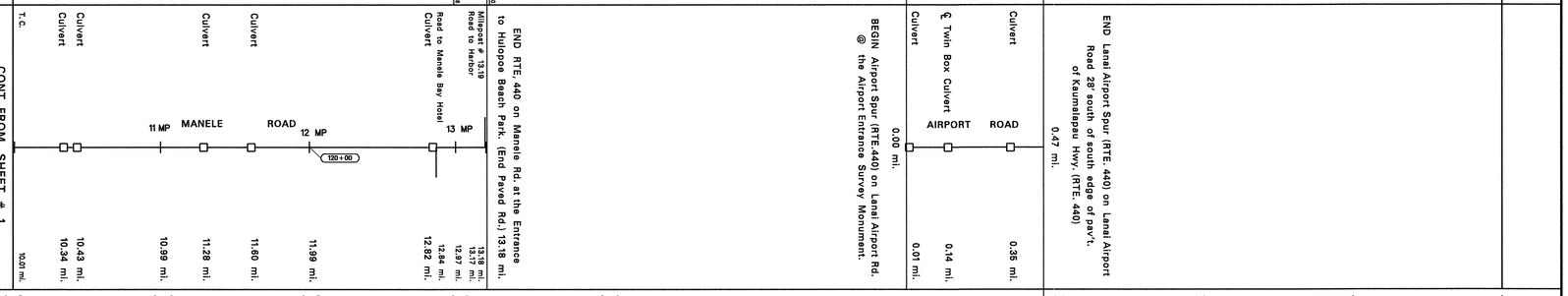
SCALE: (In Miles) 2" = 1 mile

Maintenance Control Sections : Length and Description	440B (7.21 mi.)	End 440 B Same as End Route / Beg 440 A Same as Beg. Airport Road (Spur)	440A (0.57 mi.) / End 440 A Same as End Airport Road (Spur)
ADT Sections; ADT; Traffic Count and Truck Weight Stations	440 03 (7.21 mi. 0		
Structure Carrying Road: Bridges (Over 20'): Length, Type, Capacity and Year Constructed	NONE		
Structure Carrying Road: Vertical Clearance			
Structure Carrying Road: Horizontal Clearance			
Structure Over Road: Vertical Clearance			
Structure Over Road: Horizontal Clearance			
Right of Way Width (min.–max.) if varies	30'		40'
Available Right of Way Width (Needs Study)	Clear 1000' Trees & Pineapple Fields 15'– 25' from edge of pavement		Clear 1000' Pineapple Fields 15' from edge of pavement
Right of Way Fence: Type – Right and Left	NONE		NONE
Control of Access: 1–None, 2–Partial, 3–Full	NONE (Worksite #2 1996)		NONE
Jurisdiction, Transfer Phase No. and Date (C to S or S to C)	State 106+00 171+50		STATE
Project No., Type of Construction, and Year Constructed	11.70 440B–01–04M, Resurf., 2005 12.94	STP–0440(6) (Resurface)	440A–01–88M Resurf.
Project No., Type of Construction, and Year Constructed	440A–01–92M(R) 1992		1987



Road Diagram

* MP = Milepost Signage



SCALE: (In Miles) 2" = 1 mile

Divided Highway – Undivided: Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt — 6' — 2' — 0 — 1'–3' — 0 — 2' — 0 — 2'–4' — 0 — 2' — 0 — 2'	All Gravel	6' — 6'
Undivided: Pavement: Width and Type	20' AC (2'–4' GRS/GRV; 4'–8'; 2'–4'; 13' AC; 23' AC)		20' AC
Undivided: Shoulder: Width and Type (ALL SHOULDERS GRASS EXCEPT WHERE OTHERWISE INDICATED)	25' Dirt — 6' — 4'–8' — 2' — 6' — 0 — 4 — 0 — 2' — 0 — 2' — 0 — 2'–4' — 6'–12'	All Gravel	4' — 3'
Divided: Median: Width and Type	8'–10'; 12'; 8'–10' GRS/GRV		
Divided: Shoulder: Width and Type			
Divided: Pavement: Width and Type			
Divided: Shoulder: Width and Type			
Number of Traffic Lanes	2–10' / 2–11'	1–13'	2–10'
Auxiliary Lanes and Parking Lanes: No. of Lanes and Width (Left Side)			
(Right Side)			
Frontage Road: No. of Lanes, and Width (Right and Left)	NONE		
Sidewalk: Width and Type (Right and Left)	NONE		NONE
Curb and/or Gutter: Type (Right and Left)			
Protective Devices: Type, Location and Number			NONE
Illumination: Type, Location and Number			NONE
Curves: Degree of Curvature (Right and Left)			
Superelevation (Range)			
Grades: % Grade, Positive or Negative			
Vertical Curve: Crest or Sag, Curve Limits			
Area and Development:	RURAL		RURAL
Terrain: 1–Flat, 2–Rolling, 3–Mountainous	FLAT — MOUNTAINOUS — FLAT		FLAT
Speed: 1–Design, 2–Posted	35 MPH (2) — 25 MPH (2) (Not Posted)	NOT POSTED	15 MPH (2)
Intersection Control Devices: Type, Location and Cycle Timing			
Sight Distance: Minimum Passing PSD–			
Minimum Stopping SSD–			
Pavement Striping: No Passing Zones			
Capacity: Service Volume–E			
DOD Sections			
Census Tracts	COUNTY		
Functional Classification	MAJOR COLLECTOR		MAJOR COLLECTOR
National Highway System (NHS)			
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
HPMS			

SCALE: (In Miles) 2" = 1 mile

Date Released	
Dec 2002,	T.S.
Revised	
Feb. 04	D.B.
Aug 04	D.B.
Feb. 06	D.B.